W&M ScholarWorks

Reports

1967

Hydrographic data collection for "Operation James River--1964"

J. K. Shidler

William G. MacIntyre
Virginia Institute of Marine Science

Follow this and additional works at: https://scholarworks.wm.edu/reports

Part of the Marine Biology Commons, and the Physical and Environmental Geography Commons

Recommended Citation

Shidler, J. K., & MacIntyre, W. G. (1967) Hydrographic data collection for "Operation James River--1964". Data report (Virginia Institute of Marine Science); no. 5. Virginia Institute of Marine Science, College of William and Mary. https://doi.org/10.21220/V5DW2T

This Report is brought to you for free and open access by W&M ScholarWorks. It has been accepted for inclusion in Reports by an authorized administrator of W&M ScholarWorks. For more information, please contact scholarworks@wm.edu.

Virginia Institute of Marine Science

Gloucester Point, Virginia

HYDROGRAPHIC DATA COLLECTION

FOR

"OPERATION JAMES RIVER - 1964"

J.K. Shidler and W.G. MacIntyre

Data Report No. 5

W. J. Hargis, Jr.
Director

October, 1967

Hydrographic Data Collection

For

"Operation James River - 1964"

VIRGINIA INSTITUTE OF MARINE SCIENCE

DATA REPORT 5

1967

I. Introduction

Data presented in this report were collected to provide information for verification of an hydraulic model of the James River below the fall line at Richmond, and for calculation of circulation dynamics in the James River.

The survey of the James (called "Operation James River") was motivated by a plan to deepen the navigation channel to Richmond from 25 ft. to 35 ft. Since there was some concern that this project might change the James salt distribution and circulation, the Virginia Institute of Marine Science was asked to obtain evidence of any changes of biological significance that might be caused by this alteration. A knowledge of present conditions in the estuary was required before any objective conclusions could be made.

Results of the James channel study are presented in VIMS Special Scientific Report in Marine Science and Ocean Engineering No. 7. Since any changes that would occur in the James as a result of deepening were expected to be small the survey was carried out with high sampling density. It is hoped that these data will be usable by other organizations concerned with similar estuaries for analysis or comparison in the solution of theoretical or practical problems.

As orientation, Figure 1 shows the location of the James River in relation to other estuarine systems in the Chesapeake Bay region. Positions of hydrographic stations occupied during the survey are indicated in Figures 2 and 3. A summary of dates, times, and positions for vessels occupying stations in the 14 cruises (labeled 0001 to 0014) that comprised Operation James River is given in Table 1. Designations

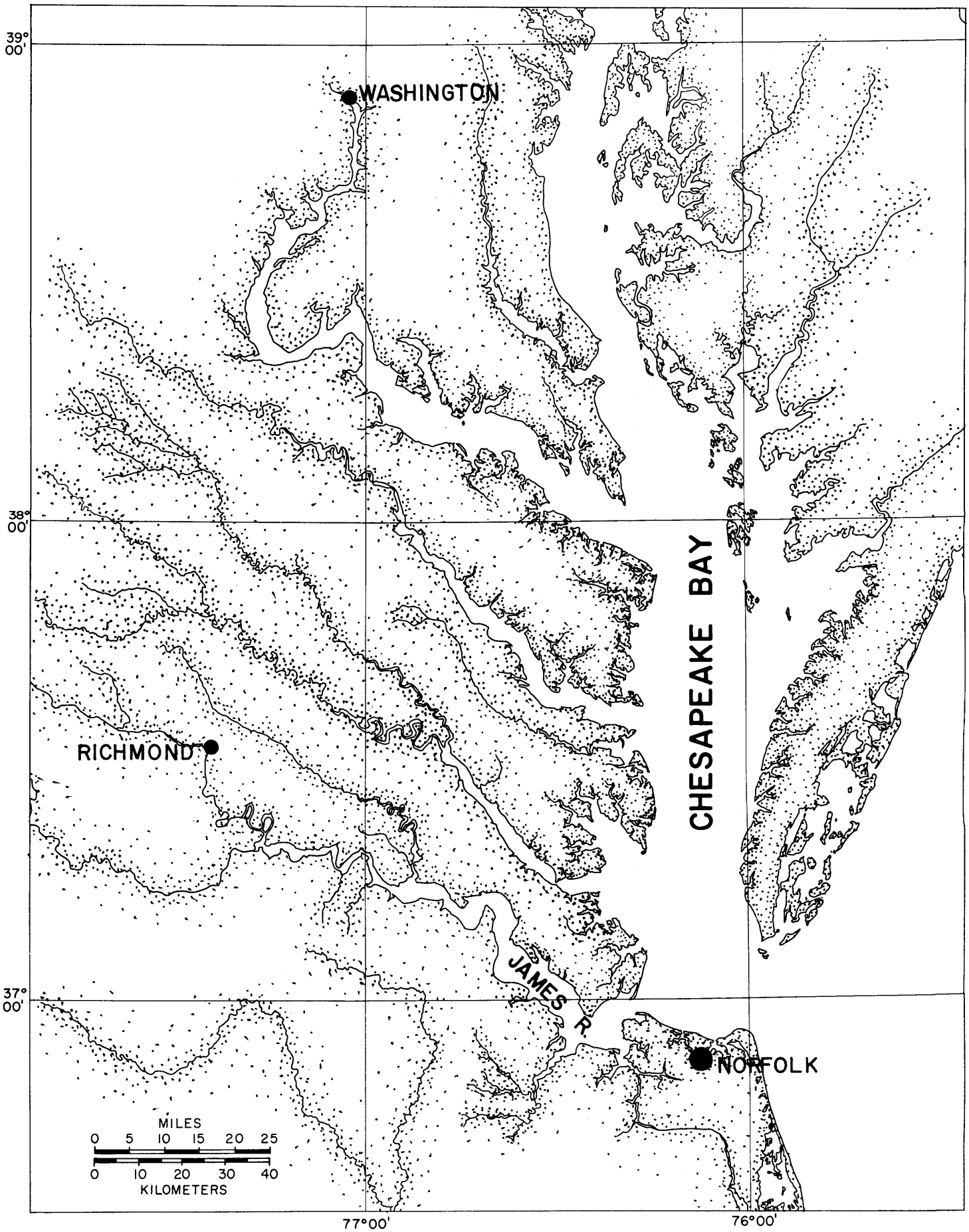

Fig. 1. The Chesapeake Estuarine System

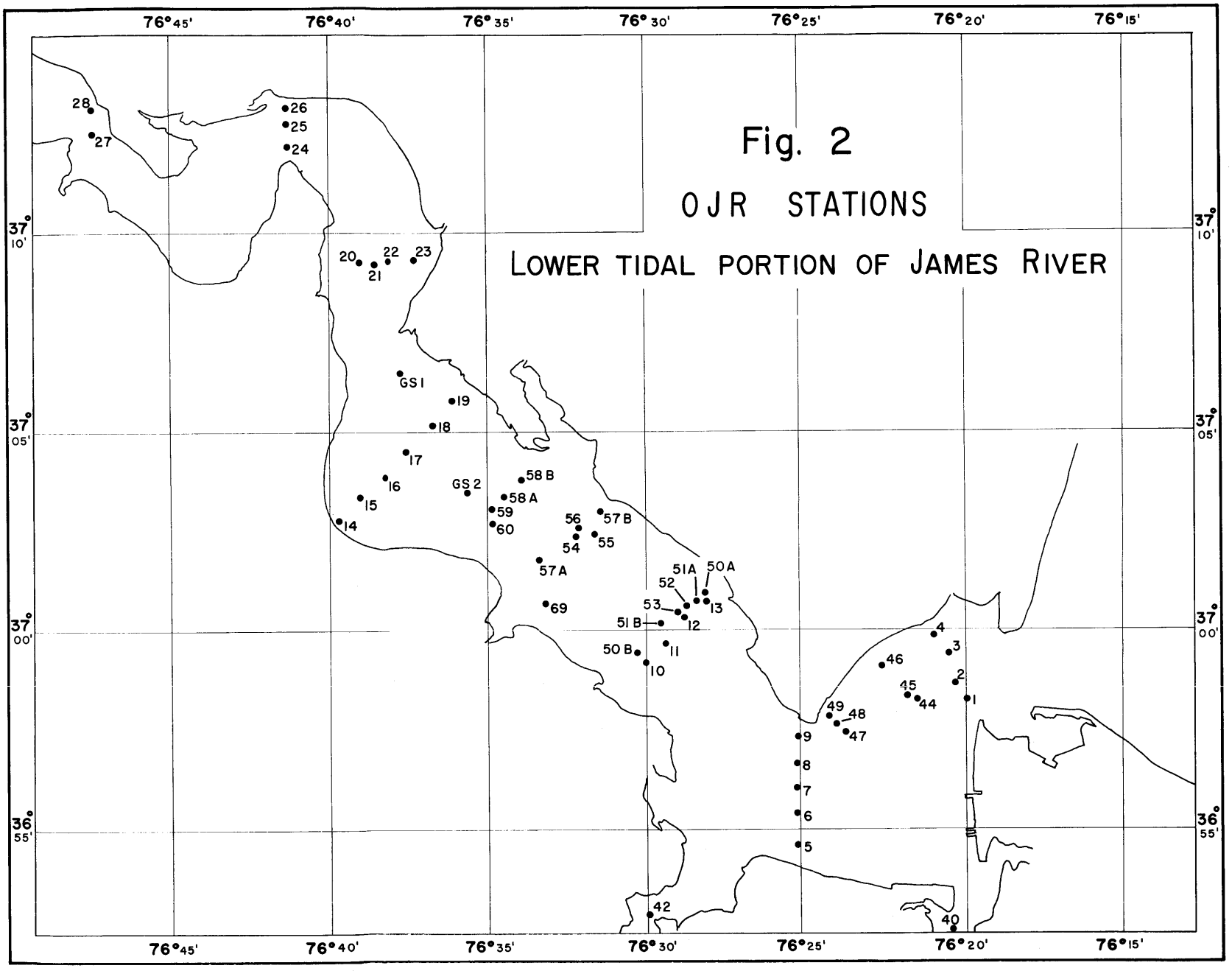

Fig. 2

OJR STATIONS

LOWER TIDAL PORTION OF JAMES RIVER

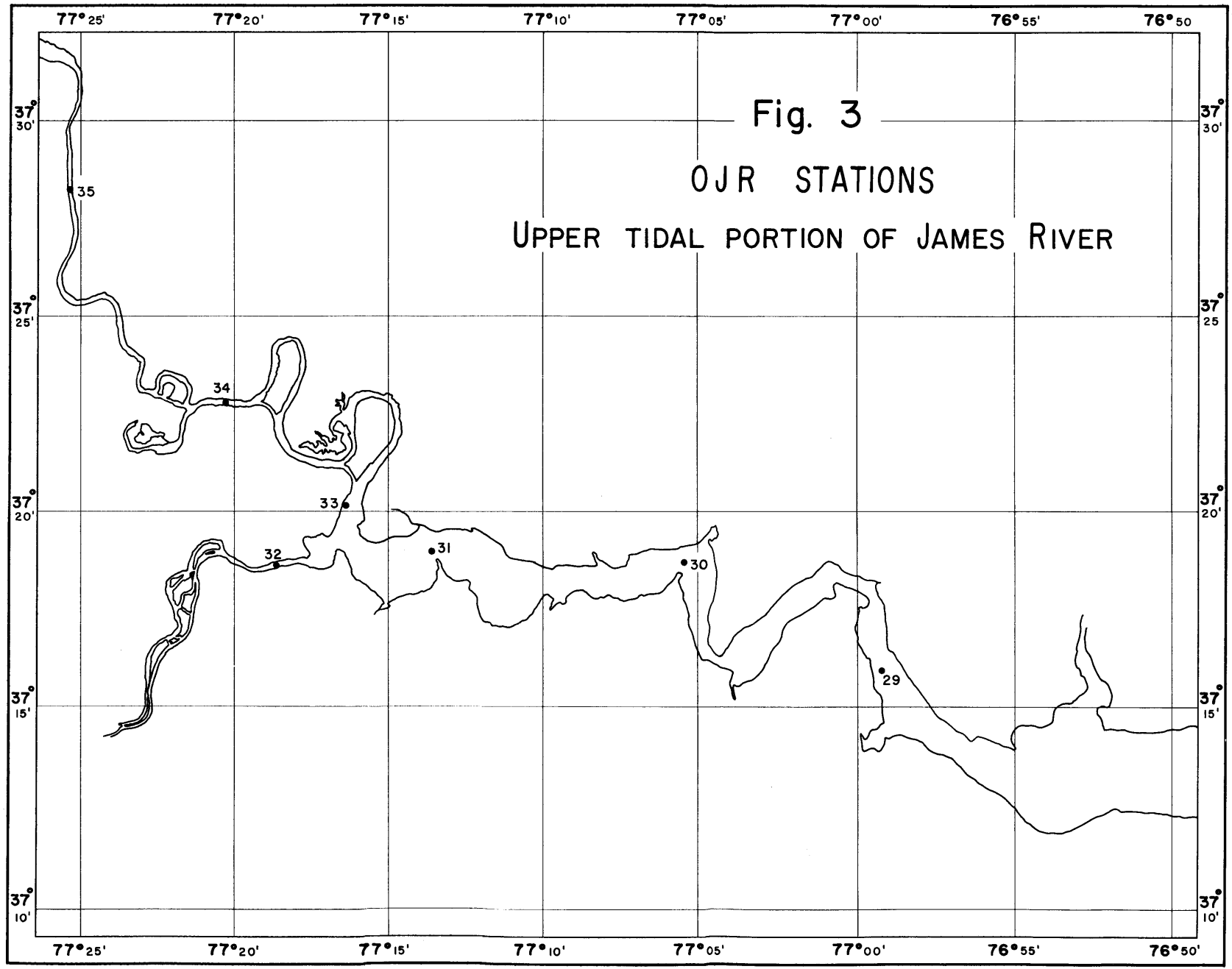

Fig. 3

OJR STATIONS

UPPER TIDAL PORTION OF JAMES RIVER

of cruises and vessels are those used in the data tabulation. Positions of vessels are reported to the nearest tenth of a minute, to include the uncertainties of navigation.

The assistance of Messrs. R. Moncure and F.J. Wojcik in the preparation of machine printouts, and of Mr. M.P. Lynch in the collection of instrument specifications is gratefully acknowledged.

Table 1. Cruise Summary of Operation James River.

CRUISE	STN	VES	LAT	LONG	START HR	START DA/MO	FINISH HR	FINISH DA/MO
0001	50A	OB	37 01 0	76 28 1	20	25/05	05	28/05
	50B	"	36 59 5	76 30 2	09	28/05	06	29/05
	51A	HO	37 00 8	76 28 4	19	25/05	05	28/05
	51B	"	37 00 2	76 29 5	09	28/05	11	29/05
	52	LA	37 00 7	76 28 7	19	25/05	11	29/05
	53	PA	37 00 5	76 29 0	00	26/05	11	29/05
	54	HO	37 02 3	76 32 0	21	19/05	03	23/05
	55	OB	37 02 5	76 31 7	08	20/05	02	23/05
	56	LA	37 02 4	76 31 9	20	19/05	05	23/05
	57A	SK	37 01 7	76 33 4	08	20/05	07	21/05
	57B	"	37 02 9	76 31 4	07	22/05	19	22/05
0002	58A	IN	37 03 3	76 34 4	15	16/06	05	18/06
	58B	"	37 03 8	76 34 0	07	18/06	12	19/06
	59	LA	37 03 1	76 34 7	11	16/06	11	19/06
	60	PA	37 02 7	76 34 8	12	16/06	11	19/06
0003	44	LA	36 58 3	76 21 5	12	29/06	06	03/07
	45	PA	36 58 4	76 21 7	15	29/06	05	03/07
	46	IN	36 59 2	76 22 6	11	29/06	09	01/07
	46'	"	36 58 8	76 22 2	11	01/07	05	03/07
	47	LA	36 57 5	76 23 7	12	06/07	12	10/07
	48	IN	36 57 7	76 24 0	12	06/07	12	10/07
	49	PA	36 57 9	76 24 2	11	06/07	07	08/07
	49'	"	36 58 0	76 24 1	07	08/07	11	10/07
0004	27	LA	37 12 7	76 47 7	02	05/08	17	05/08
	28	PA	37 13 2	76 47 7	02	05/08	18	05/08
	39	"	36 48 7	76 17 4	07	29/07	17	29/07
	40	LA	36 52 6	76 20 3	09	29/07	22	29/07
	41	"	36 50 8	76 21 6	14	28/07	06	29/07
	42	"	36 52 8	76 29 9	20	30/07	08	31/07
	43	PA	36 48 4	76 33 5	19	30/07	09	31/07
0005	2	BR	36 58 8	76 20 3	19	06/08	11	07/08
	9	HO	36 57 4	76 25 1	15	06/08	17	06/08
	9'	"	36 57 4	76 25 2	18	06/08	22	06/08
	9"	"	36 57 4	76 25 1	22	06/08	05	07/08
	9"'	"	36 57 4	76 25 1	05	07/08	09	07/08
	12	OB	37 00 5	76 28 8	16	06/08	11	07/08
	18	IN	37 05 2	76 36 8	16	06/08	10	07/08
	22	LA	37 09 4	76 38 0	16	06/08	10	07/08
	27	PA	37 12 8	76 47 9	13	06/08	08	07/08

Table 1. (Cont'd.)

CRUISE	STN	VES	LAT	LONG	START HR	START DA/MO	FINISH HR	FINISH DA/MO
0006	2	BR	36 58 8	76 20 5	20	13/08	22	14/08
	9	TB	36 57 1	76 25 3	21	13/08	23	14/08
	12	HO	37 00 5	76 28 8	01	14/08	23	14/08
	18	IN	37 04 7	76 36 5	22	13/08	13	14/08
	18'	"	37 05 2	76 36 7	14	14/08	01	15/08
	22	LA	37 09 3	76 38 0	03	14/08	01	15/08
	25	JB	37 12 6	76 41 1	12	14/08	01	15/08
	27	PA	37 12 8	76 47 9	22	13/08	03	15/08
0007	2	BR	36 58 8	76 20 5	10	17/08	23	17/08
	9	TB	36 57 3	76 25 2	10	17/08	02	18/08
	12	HO	37 00 5	76 28 8	10	17/08	01	18/08
	18	IN	37 05 2	76 36 7	12	17/08	03	18/08
	22	LA	37 09 2	76 38 2	14	17/08	05	18/08
	25	JB	37 12 6	76 41 1	13	17/08	05	18/08
	27	PA	37 12 8	76 47 9	13	17/08	05	18/08
0008	30	HO	37 18 7	77 05 4	19	20/08	09	21/08
	31	LA	37 19 0	77 13 5	18	20/08	09	21/08
	32	BR	37 18 4	77 19 1	19	20/08	10	21/08
	33	HO	37 20 2	77 16 2	19	19/08	13	20/08
	34	LA	37 22 7	77 20 3	20	19/08	10	20/08
	35	BR	37 27 9	77 25 2	21	19/08	10	20/08
0009	14	IN	37 03 0	76 39 7	09	27/08	22	27/08
	15	LA	37 03 5	76 39 1	09	27/08	00	28/08
	16	BR	37 04 1	76 38 4	09	27/08	22	27/08
	17	JB	37 04 6	76 37 6	08	27/08	21	27/08
	18	TB	37 05 2	76 36 7	09	27/08	21	27/08
	19	HO	37 05 7	76 36 1	08	27/08	21	27/08
0010	29	IN	37 16 1	76 59 3	05	25/08	23	25/08
	36	LA	37 16 0	76 52 7	06	25/08	22	25/08
	37	BR	37 23 7	76 54 3	05	25/08	21	25/08
0011	10	IN	36 59 4	76 30 0	09	31/08	18	31/08
	11	LA	36 59 9	76 29 4	10	31/08	18	31/08
	12	PA	37 00 4	76 28 7	10	31/08	19	31/08
	13	BR	37 00 9	76 28 3	09	31/08	19	31/08
0012	10	IN	36 59 4	76 30 0	20	03/09	16	04/09
	11	LA	36 59 9	76 29 4	22	03/09	17	04/09
	12	PA	37 00 4	76 28 7	19	03/09	16	04/09
	13	BR	37 00 9	76 28 2	20	03/09	15	04/09

Table 1. (Cont'd.)

CRUISE	STN	VES	LAT	LONG	START HR	START DA/MO	FINISH HR	FINISH DA/MO
0013	1	PA	36 58 1	76 19 8	06	11/09	21	11/09
	2	LA	36 58 8	76 20 3	07	11/09	21	11/09
	3	IN	36 59 3	76 20 6	07	11/09	19	11/09
	4	BR	36 59 9	76 21 0	07	11/09	19	11/09
	5	HO	36 54 7	76 25 3	07	10/09	20	10/09
	6	LA	36 55 5	76 25 3	07	10/09	20	10/09
	7	IN	36 56 1	76 25 2	07	10/09	20	10/09
	8	BR	36 56 8	76 25 2	08	10/09	20	10/09
	9	PA	36 57 4	76 25 2	07	10/09	21	10/09
0014	14	IN	37 03 0	76 39 6	11	30/09	03	01/10
	15	LA	37 03 5	76 39 1	15	30/09	03	01/10
	16	BR	37 04 0	76 38 7	15	30/09	03	01/10
	18	TB	37 05 2	76 36 7	14	30/09	03	01/10
	19	ML	37 05 7	76 36 2	15	30/09	03	01/10
	20	BR	37 09 3	76 39 1	12	28/09	01	29/09
	21	PA	37 09 2	76 38 4	12	28/09	01	29/09
	22	LA	37 09 3	76 38 1	12	28/09	02	29/09
	23	IN	37 09 2	76 37 4	12	28/09	01	29/09
	24	BR	37 12 2	76 41 3	12	29/09	03	30/09
	25	LA	37 12 7	76 41 3	12	29/09	06	30/09
	26	IN	37 13 1	76 41 3	12	29/09	02	30/09
	38	IN	36 50 8	76 15 7	06	27/09	17	27/09
	39	BR	36 48 7	76 17 4	07	27/09	17	27/09
	C GS 1	PA	37 06 6	76 37 9	20	29/09	05	03/10
	C GS 1'	"	37 06 5	76 37 7	05	03/10	23	03/10
	C GS 2	LA	37 03 5	76 35 6	17	29/09	23	03/10

II. Methods of Data Collection:

Various types of instruments were used to obtain hydrographic data. The specific instruments or techniques employed are indicated in data tabulations by code letters. Statements of precision are generally optimum values declared by instrument manufacturers. The methods for each of the parameters measured are listed below in the order that they appear on the data printouts.

Water Depth: Determined with a sounding line by using marked support lines for instruments. The values tabulated have been rounded to the nearest meter.

Tidal Current Stage: Estimated at the surface by the observer or, in some instances, inferred by reference to data obtained from current meters. Tidal current stage is indicated by a one digit code.

Air Temperature: Measured with a stem thermometer in a shaded area and rounded to the nearest degree Celsius.

Wind Speed and Direction: Speed measured with a Sims hand-held anemometer. Direction was determined by referring the direction of a wind streamer on the vessel superstructure to a magnetic compass. Wind speed is reported in meters/sec. Wind direction is reported in a two digit code as multiples of 10° on the compass rose.

Secchi Disk Visibility: Determined with a 20 cm secchi disk marked with black and white quadrants. Reading reported to nearest 0.1 meter.

Sample Depth: Determined from marked lines or meter wheels. In instances where the line was not vertical, depth was maintained by adjusting length of line, or actual sample depth was calculated from wire angle.

Water Temperatures - Measured with:

1) Stem thermometer - used to take temperature of bucket samples. Precision $\pm 0.1^{\circ}C$.

2) RS-5 - thermistor measurement (Industrial Instruments). Precision $\pm 0.5^{\circ}C$.

3) ICTI - inductive conductivity and thermistor temperature indicator (Chesapeake Bay Institute). Precision $\pm 0.02^{\circ}C$.

4) PTI - thermistor temperature indicator (Chesapeake Bay Institute). Precision $\pm 0.02^{\circ}C$.

Salinity - Determined by:

1) Silver nitrate titration - the standard Knudsen method. Precision ± 0.02 °/oo.

2) RS7-A - laboratory inductive salinometer (Industrial Instruments). Precision ± 0.003 °/oo.

3) ICTI - inductive conductivity and thermistor temperature indicator (Chesapeake Bay Institute). Precision ± 0.03 °/oo.

4) RS-5 - inductive conductivity measurement with direct salinity reading. (Industrial Instruments). Precision ± 0.3 °/oo.

Current Speed and Direction - Measured by:

1) Spar float - a 4' staff with vanes, weighted so the vanes were 1-2' below the surface. Time to drift 100' was recorded and result converted to meters/sec. The direction was observed by reference to the ships compass.

2) Hydro Product Current Meters - Savonius rotor meters with directional vane (Hydro Products, Inc.). Model 465 current direction sensor had operational accuracy of $\pm 17^{\circ}$. Model 460 current speed sensor had operational accuracy of $\pm 3\%$ from 0.1 to

5.0 kts. These sensor units were monitored with Model 452 and 451 units, respectively.

3) Woods Hole Current Meter - Model A-100 - Savonius rotor meter with directional vane. Speed measurements are precise to $\pm 50\%$ at 0.01 kts., $\pm 3\%$ at 0.3 kts., and $\pm 3\%$ at 3 kts. Vane direction sensitivity is $\pm 10^{\circ}$ at 0.01 kt. and $\pm 2^{\circ}$ at 0.25 kt.

4) Pritchard Drags - locally prepared drogues. (See Pritchard and Burt, J. Mar. Res., V. 10, p. 180-189, 1951, for design and theory.) Precision of speed measurement is ± 0.05 kt. Direction of current is determined from angle (in horizontal plane) between wire to drogue and magnetic north on ships compass.

5) Roberts Meter - current measuring device used by the U. S. Coast and Geodetic Survey vessel Marmer with propeller speed and vane direction sensors.

III. Arrangement and Coding of Data Tabulations:

Vessel code letters are designated in Table 2. The tidal current stage is coded at approximately 1.5 hour intervals as indicated in Table 3. Table 4 shows the degree and compass point equivalents of direction codes. Symbols used to designate specific observation instruments are given in Table 5.

The data are arranged chronologically in units representing each of cruises 0001 to 0014. Hydrographic stations (refer to Figures 2 and 3 and Table 1) are listed on a separate page immediately preceding the data for that cruise. The measurements at a station, usually taken by a single vessel, are listed as time series, and the procedure is repeated for each of the stations in a cruise. Stations are not arranged in a consistent order of geographic location within the cruise data units.

Editing of the data, format design, and preparation of the machine printouts given here were carried out by the VIMS Hydrographic Data Processing Section under the guidance of Professor John Norcross.

Table 2. VESSEL CODE

Code	Vessel
BR	R/L Brooks (VIMS)
HO	R/L Hoxton (VIMS)
IN	R/L Investigator (VIMS)
JB	J-Boat (U.S. Army)
LA	R/V Langley (VIMS)
ML	Marmer Launch (U.S.C and G.S.)
OB	R/L Observer (VIMS)
PA	R/V Pathfinder (VIMS)
SK	Unnamed Skiffs (VIMS)
TB	T-Boat (U.S. Army)

Table 3. TIDAL CURRENT CODE

Code	Tidal Current Stage
1	Early flood
2	Maximum flood
3	Late flood
4	Slack before ebb
5	Early ebb
6	Maximum ebb
7	Late ebb
8	Slack before flood

Table 4. DIRECTION CODE

Code	Degrees	Points
00	Calm (no waves - no motion)	
01	5-14	NxE
02	15-24	NNE
03	25-34	NExN
04	35-44	NE
05	45-54	---
06	55-64	NExE
07	65-74	ENE
08	75-84	ExN
09	85-94	E
10	95-104	ExS
11	105-114	ESE
12	115-124	SExE
13	125-134	---
14	135-144	SE
15	145-154	SExE
16	155-164	SSE
17	165-174	SxE
18	175-184	S
19	185-194	SxW
20	195-204	SSW
21	205-214	SWxW
22	215-224	SW
23	225-234	---
24	235-244	SWxW
25	245-254	WSW
26	255-264	WxS
27	265-274	W
28	275-284	WxN
29	285-294	WNW
30	295-304	NWxW
31	305-314	---
32	315-324	NW
33	325-334	NWxN
34	335-344	NNW
35	345-354	NxW
36	355-004	N
66	EBB (Tide)	
77	FLOOD (Tide)	
99	Variable, or unknown	

Table 5. INSTRUMENT CODES

Water Temperature

Code	Instrument
B	RS-5 Unit A
C	ICTI
J	PTI Unit A
M	RS-5 Unit B
N	RS-5 Unit C
O	PTI Unit B
T	Stem Thermometer

Salinity

Code	Instrument
A	Titrated ($AgNO_3$)
B	RS-5 Unit A
C	ICTI
M	RS-5 Unit B
N	RS-5 Unit C
R	RS-7a

Direction

Code	Instrument
E	Brunton Compass
L	Ships Compass
P	Weems Hand Held Compass

Current Direction and/or Velocity

Code	Instrument
D	Spar Float
F	Pritchard Drag
G	Roberts Meter
I	Woods Hole Current Meter (Model A-100)
P	Price Current Meter Unit A
Q	Price Current Meter Unit B
S	Hydro Products Current Meter Unit A
T	Hydro Products Current Meter Unit B
U	Hydro Products Current Meter Unit C
V	Hydro Products Current Meter Mixed Units
W	Hydro Products Current Meter Unit D
X	Hydro Products Current Meter Unit E
Y	Hydro Products Current Meter Unit F

Cruise 0001

Stations:

56
54
55
57A
57B
51A
52
50A
53
50B
51B

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
19	05	64	20.5	LA	0001	37	02.4	76	31.9	*	*	23	22	*		00.0	J	21.90			F	18	F	0.50	*
19	05	64	20.5	LA	0001	37	02.4	76	31.9	*	*	23	22	*		02.0	J	21.90				*		*	*
19	05	64	20.5	LA	0001	37	02.4	76	31.9	*	*	23	22	*		04.0	J	21.74				*		*	*
19	05	64	22.0	LA	0001	37	02.4	76	31.9	*5	7	23	22	*		00.0	J	21.57	A	7.70	D	18	D	0.50	23.0
19	05	64	22.0	LA	0001	37	02.4	76	31.9	*5	7	23	22	*		02.0	J	21.57	A	7.65		*		*	*
19	05	64	22.0	LA	0001	37	02.4	76	31.9	*5	7	23	22	*		04.0	J	21.51	A	7.67		*		*	*
19	05	64	22.0	LA	0001	37	02.4	76	31.9	*5	7	23	22	*		05.0	J	20.89	A	10.23		*		*	*
19	05	64	23.0	LA	0001	37	02.4	76	31.9	*5	7	22	22	*		00.0	J	21.74	A	8.12	D	18	D	0.35	23.5
19	05	64	23.0	LA	0001	37	02.4	76	31.9	*5	7	22	22	*		02.0	J	21.74	A	8.06		*		*	*
19	05	64	23.0	LA	0001	37	02.4	76	31.9	*5	7	22	22	*		04.0	J	21.29	A	9.91		*		*	*
19	05	64	23.0	LA	0001	37	02.4	76	31.9	*5	7	22	22	*		05.0	J	21.18	A	9.98		*		*	*
20	05	64	00.0	LA	0001	37	02.4	76	31.9	*5	7	21	22	*		00.0	B	22.00	A	7.48	D	22	D	0.22	00.3
20	05	64	00.0	LA	0001	37	02.4	76	31.9	*5	7	21	22	*		02.0	B	21.96	B	8.92		*		*	*
20	05	64	00.0	LA	0001	37	02.4	76	31.9	*5	7	21	22	*		04.0	B	21.20	B	10.76		*		*	*
20	05	64	00.0	LA	0001	37	02.4	76	31.9	*5	7	21	22	*		05.0	B	21.20	A	9.52		*		*	*
20	05	64	01.0	LA	0001	37	02.4	76	31.9	*5	8	21	22	*		00.0	B	21.80	A	7.00	E	22	D	0.00	*
20	05	64	01.0	LA	0001	37	02.4	76	31.9	*5	8	21	22	*		02.0	B	21.76	B	8.00		*		*	*
20	05	64	01.0	LA	0001	37	02.4	76	31.9	*5	8	21	22	*		04.0	B	21.64	B	9.08		*		*	*
20	05	64	01.0	LA	0001	37	02.4	76	31.9	*5	8	21	22	*		05.0	B	21.12	A	9.36		*		*	*
20	05	64	02.0	LA	0001	37	02.4	76	31.9	*5	1	21	22	*		00.0	C	21.72	A	7.00	E	31	D	0.18	02.3
20	05	64	02.0	LA	0001	37	02.4	76	31.9	*5	1	21	22	*		02.0	C	21.80	C	7.14		*		*	*
20	05	64	02.0	LA	0001	37	02.4	76	31.9	*5	1	21	22	*		04.0	C	21.44	C	8.68		*		*	*
20	05	64	02.0	LA	0001	37	02.4	76	31.9	*5	1	21	22	*		05.0	C	21.24	C	9.27		*		*	*
20	05	64	02.5	LA	0001	37	02.4	76	31.9	5	1	21		*		00.0	C	21.64	C	7.14	E	31	D	0.23	02.7
20	05	64	02.5	LA	0001	37	02.4	76	31.9	5	1	21		*		02.0	C	21.68	C	7.18		*		*	*
20	05	64	02.5	LA	0001	37	02.4	76	31.9	5	1	21		*		04.0	C	21.60	C	7.94		*		*	*
20	05	64	02.5	LA	0001	37	02.4	76	31.9	5	1	21		*		05.0	C	21.28	C	9.00		*		*	*
20	05	64	03.0	LA	0001	37	02.4	76	31.9	5	1	21		*		00.0	C	21.42	C	6.91	E	31	D	0.23	03.1
20	05	64	03.0	LA	0001	37	02.4	76	31.9	5	1	21		*		02.0	C	21.49	C	7.05		*		*	*
20	05	64	03.0	LA	0001	37	02.4	76	31.9	5	1	21		*		04.0	C	21.40	C	8.71		*		*	*
20	05	64	03.0	LA	0001	37	02.4	76	31.9	5	1	21		*		05.0	C	21.26	C	8.98		*		*	*
20	05	64	03.5	LA	0001	37	02.4	76	31.9	5	1	21		*		00.0	C	21.28	C	4.63	E	31	D	0.16	03.7
20	05	64	03.5	LA	0001	37	02.4	76	31.9	5	1	21		*		02.0	C	21.34	C	6.65		*		*	*
20	05	64	03.5	LA	0001	37	02.4	76	31.9	5	1	21		*		04.0	C	21.28	C	8.48		*		*	*
20	05	64	03.5	LA	0001	37	02.4	76	31.9	5	1	21		*		05.0	C	21.24	C	8.78		*		*	*
20	05	64	04.0	LA	0001	37	02.4	76	31.9	5	1	21		*		00.0	C	21.30	C	6.22	E	31	D	0.23	04.1
20	05	64	04.0	LA	0001	37	02.4	76	31.9	5	1	21		*		02.0	C	21.34	C	6.38		*		*	*
20	05	64	04.0	LA	0001	37	02.4	76	31.9	5	1	21		*		04.0	C	21.38	C	7.70		*		*	*
20	05	64	04.0	LA	0001	37	02.4	76	31.9	5	1	21		*		05.0	C	20.95	C	9.65		*		*	*
20	05	64	04.5	LA	0001	37	02.4	76	31.9	5	1	21		*		00.0	C	21.26	C	6.55	E	31	D	0.22	04.6
20	05	64	04.5	LA	0001	37	02.4	76	31.9	5	1	21		*		02.0	C	21.22	C	6.71		*		*	*
20	05	64	04.5	LA	0001	37	02.4	76	31.9	5	1	21		*		04.0	C	21.06	C	9.15		*		*	*
20	05	64	04.5	LA	0001	37	02.4	76	31.9	5	1	21		*		05.0	C	20.80	C	10.44		*		*	*
20	05	64	05.0	LA	0001	37	02.4	76	31.9	5	1	21		*		00.0	C	21.32	C	6.42	E	31	D	0.25	05.1
20	05	64	05.0	LA	0001	37	02.4	76	31.9	5	1	21		*		02.0	C	21.32	C	7.16		*		*	*
20	05	64	05.0	LA	0001	37	02.4	76	31.9	5	1	21		*		04.0	C	21.00	C	10.05		*		*	*
20	05	64	05.0	LA	0001	37	02.4	76	31.9	5	1	21		*		05.0	C	20.68	C	11.09		*		*	*
20	05	64	05.5	LA	0001	37	02.4	76	31.9	5	1	21		*		00.0	C	21.38	A	7.16	E	31	D	0.19	05.6
20	05	64	05.5	LA	0001	37	02.4	76	31.9	5	1	21		*		02.0	C	21.36	C	8.21		*		*	*
20	05	64	05.5	LA	0001	37	02.4	76	31.9	5	1	21		*		04.0	C	21.02	C	10.03		*		*	*
20	05	64	05.5	LA	0001	37	02.4	76	31.9	5	1	21		*		05.0	C	20.94	C	10.06		*		*	*

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
20	05	64	06.0	LA	0001	37	02.4	76	31.9	5		*			*			00.0	C	21.40	C	7.56	E	31	D	0.10	06.1		
20	05	64	06.0	LA	0001	37	02.4	76	31.9	5		*			*			02.0	C	21.40	C	8.13		*		*	*		
20	05	64	06.0	LA	0001	37	02.4	76	31.9	5		*			*			04.0	C	21.14	C	9.72		*		*	*		
20	05	64	06.0	LA	0001	37	02.4	76	31.9	5		*			*			05.0	C	21.00	C	10.14		*		*	*		
20	05	64	06.5	LA	0001	37	02.4	76	31.9	5		*			*			00.0	C	21.38	C	7.45	L	08	D	0.00	06.8		
20	05	64	06.5	LA	0001	37	02.4	76	31.9	5		*			*			02.0	C	21.38	C	8.15		*		*	*		
20	05	64	06.5	LA	0001	37	02.4	76	31.9	5		*			*			04.0	C	21.12	C	9.80		*		*	*		
20	05	64	06.5	LA	0001	37	02.4	76	31.9	5		*			*			05.0	C	20.82	C	10.50		*		*	*		
20	05	64	07.0	LA	0001	37	02.4	76	31.9	5		*			*			00.0	C	21.40	C	7.27	L	18	D	0.30	07.2		
20	05	64	07.0	LA	0001	37	02.4	76	31.9	5		*			*			02.0	C	21.40	C	9.96		*		*	*		
20	05	64	07.0	LA	0001	37	02.4	76	31.9	5		*			*			04.0	C	21.14	C	9.99		*		*	*		
20	05	64	07.0	LA	0001	37	02.4	76	31.9	5		*			*			05.0	C	20.68	C	11.35		*		*	*		
20	05	64	07.5	LA	0001	37	02.4	76	31.9	5		5			*	0.7		00.0	C	21.50	C	7.50	D	18	D	1.27	*		
20	05	64	07.5	LA	0001	37	02.4	76	31.9	5		5			*	0.7		02.0	C	21.46	C	8.06		*		*	*		
20	05	64	07.5	LA	0001	37	02.4	76	31.9	5		5			*	0.7		04.0	C	20.98	C	10.25		*		*	*		
20	05	64	07.5	LA	0001	37	02.4	76	31.9	5		5			*	0.7		05.0	C	20.08	C	11.80		*		*	*		
20	05	64	08.0	LA	0001	37	02.4	76	31.9	*5		5	24	28	03	0.8		00.0	C	21.62	C	7.11	L	18	D	0.34	08.2		
20	05	64	08.0	LA	0001	37	02.4	76	31.9	*5		5	24	28	03	0.8		02.0	C	21.44	C	7.48		*		*	*		
20	05	64	08.0	LA	0001	37	02.4	76	31.9	*5		5	24	28	03	0.8		04.0	C	20.70	C	11.67		*		*	*		
20	05	64	08.0	LA	0001	37	02.4	76	31.9	*5		5	24	28	03	0.8		05.0	C	20.58	C	12.00		*		*	*		
20	05	64	08.5	LA	0001	37	02.4	76	31.9	5		5	28		*	0.8		00.0	C	21.76	C	6.96	L	16	D	0.65	08.7		
20	05	64	08.5	LA	0001	37	02.4	76	31.9	5		5	28		*	0.8		02.0	C	21.40	C	7.57		*		*	*		
20	05	64	08.5	LA	0001	37	02.4	76	31.9	5		5	28		*	0.8		04.0	C	20.78	C	11.55		*		*	*		
20	05	64	08.5	LA	0001	37	02.4	76	31.9	5		5	28		*	0.8		05.0	C	20.78	C	11.73		*		*	*		
20	05	64	09.0	LA	0001	37	02.4	76	31.9	*5		*	29	32	07	0.8		00.0	C	22.22	C	7.12	D	16	D	0.61	09.1		
20	05	64	09.0	LA	0001	37	02.4	76	31.9	*5		*	29	32	07	0.8		02.0	C	21.47	C	7.43	D	16	D	0.61	09.1		
20	05	64	09.0	LA	0001	37	02.4	76	31.9	*5		*	29	32	07	0.8		04.0	C	20.78	C	11.44		*		*	*		
20	05	64	09.0	LA	0001	37	02.4	76	31.9	*5		*	29	32	07	0.8		05.0	C	20.74	C	11.62		*		*	*		
20	05	64	09.5	LA	0001	37	02.4	76	31.9	*5		6	28	32	07	0.9		00.0	C	22.90	A	7.33	D	15	D	0.63	10.8		
20	05	64	09.5	LA	0001	37	02.4	76	31.9	*5		6	28	32	07	0.9		02.0	C	21.48	C	7.56		*		*	*		
20	05	64	09.5	LA	0001	37	02.4	76	31.9	*5		6	28	32	07	0.9		04.0	C	20.72	C	11.53		*		*	*		
20	05	64	09.5	LA	0001	37	02.4	76	31.9	*5		6	28	32	07	0.9		05.0	C	20.70	C	11.53		*		*	*		
20	05	64	10.1	LA	0001	37	02.4	76	31.9	*5		6	28	32	07	0.9		00.0	C	22.96	A	7.10	L	15	D	0.76	10.2		
20	05	64	10.1	LA	0001	37	02.4	76	31.9	*5		6	28	32	07	0.9		02.0	C	21.38	C	7.85		*		*	*		
20	05	64	10.1	LA	0001	37	02.4	76	31.9	*5		6	28	32	07	0.9		04.0	C	20.82	C	10.91		*		*	*		
20	05	64	10.1	LA	0001	37	02.4	76	31.9	*5		6	28	32	07	0.9		04.8	C	20.80	C	11.09		*		*	*		
20	05	64	10.5	LA	0001	37	02.4	76	31.9	5		6	29		*	0.7		00.0	C	22.44	A	7.18	L	15	D	0.76	10.7		
20	05	64	10.5	LA	0001	37	02.4	76	31.9	5		6	29		*	0.7		02.0	C	21.40	C	7.88		*		*	*		
20	05	64	10.5	LA	0001	37	02.4	76	31.9	5		6	29		*	0.7		04.0	C	20.93	C	10.21		*		*	*		
20	05	64	10.5	LA	0001	37	02.4	76	31.9	5		6	29		*	0.7		04.8	C	20.92	C	10.24		*		*	*		
20	05	64	11.0	LA	0001	37	02.4	76	31.9	*5		*	29	32	02	0.6		00.0	C	22.32	A	7.37	L	14	D	0.69	11.2		
20	05	64	11.0	LA	0001	37	02.4	76	31.9	*5		*	29	32	02	0.6		02.0	C	21.30	C	8.10		*		*	*		
20	05	64	11.0	LA	0001	37	02.4	76	31.9	*5		*	29	32	02	0.6		04.0	C	21.00	C	9.51		*		*	*		
20	05	64	11.0	LA	0001	37	02.4	76	31.9	*5		*	29	32	02	0.6		04.0	C	21.00	C	9.58		*		*	*		
20	05	64	11.5	LA	0001	37	02.4	76	31.9	4		*	29		*	0.6		00.0	C	22.96	C	6.22	L	14	D	0.56	11.7		
20	05	64	11.5	LA	0001	37	02.4	76	31.9	4		*	29		*	0.6		02.0	C	21.30	C	7.93		*		*	*		
20	05	64	11.5	LA	0001	37	02.4	76	31.9	4		*	29		*	0.6		04.0	C	21.10	C	8.80		*		*	*		
20	05	64	11.5	LA	0001	37	02.4	76	31.9	4		*	29		*	0.6		04.5	C	21.08	C	8.89		*		*	*		
20	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		*	28	30	02	0.5		00.0	C	24.14	C	5.43	L	14	L	0.25	12.4		
20	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		*	28	30	02	0.5		01.0	C	21.76	C	6.87		*		*	*		
20	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		*	28	30	02	0.5		02.0	C	21.12	C	8.78		*		*	*		
20	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		*	28	30	02	0.5		04.0	C	21.04	C	9.27		*		*	*		
20	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		*	28	30	02	0.5		04.5	C	21.02	C	9.40		*		*	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC	SAMPLE TIME (E.S.T.)		
20	05	64	12.7	LA	0001	37	02.4	76	31.9			*			*	0.6		00.0	C	22.28	C	6.80	D	15	D	0.09	12.8		
20	05	64	12.7	LA	0001	37	02.4	76	31.9			*			*	0.6		01.0	C	21.40	C	8.04		*		*	*		
20	05	64	12.7	LA	0001	37	02.4	76	31.9			*			*	0.6		02.0	C	21.12	C	8.93		*		*	*		
20	05	64	12.7	LA	0001	37	02.4	76	31.9			*			*	0.6		04.0	C	21.00	C	9.34		*		*	*		
20	05	64	13.3	LA	0001	37	02.4	76	31.9	4		1	27		*	0.5		00.0	C	23.62	C	6.49	L	28	D	0.52	15.0		
20	05	64	13.3	LA	0001	37	02.4	76	31.9	4		1	27		*	0.5		05.0	C	20.78	C	10.57		*		*	*		
20	05	64	13.6	LA	0001	37	02.4	76	31.9	4		*			*	0.6		00.0	C	25.26	A	5.77	D	32	D	0.26	*		
20	05	64	13.6	LA	0001	37	02.4	76	31.9	4		*			*	0.6		02.0	C	21.58	C	6.91	D	32	D	0.26	*		
20	05	64	13.6	LA	0001	37	02.4	76	31.9	4		*			*	0.6		04.0	C	20.98	C	9.34		*		*	*		
20	05	64	13.6	LA	0001	37	02.4	76	31.9	4		*			*	0.6		05.0	C	20.48	C	9.40		*		*	*		
20	05	64	14.2	LA	0001	37	02.4	76	31.9	4		1	30	7	03	0.5		00.0	C	25.78	A	5.97	D	32	D	0.30	14.3		
20	05	64	14.2	LA	0001	37	02.4	76	31.9	4		1	30	7	03	0.5		02.0	C	21.90	C	6.65		*		*	*		
20	05	64	14.2	LA	0001	37	02.4	76	31.9	4		1	30	7	03	0.5		04.0	C	21.00	C	9.25		*		*	*		
20	05	64	14.2	LA	0001	37	02.4	76	31.9	4		1	30	7	03	0.5		05.0	C	21.00	C	9.36		*		*	*		
20	05	64	14.5	LA	0001	37	02.4	76	31.9	4		1	30	9	05			00.0	C	24.28	C	6.20		*		*	*		
20	05	64	14.5	LA	0001	37	02.4	76	31.9	4		1	30	9	05			02.0	C	21.18	C	8.37		*		*	*		
20	05	64	14.5	LA	0001	37	02.4	76	31.9	4		1	30	9	05			04.0	C	20.86	C	9.89		*		*	*		
20	05	64	14.5	LA	0001	37	02.4	76	31.9	4		1	30	9	05			05.0	C	20.66	C	11.00		*		*	*		
20	05	64	15.3	LA	0001	37	02.4	76	31.9	4		1	27		*	0.5		02.0	C	21.25	C	8.24		*		*	*		
20	05	64	15.3	LA	0001	37	02.4	76	31.9	4		1	27		*	0.5		04.0	C	20.28	C	10.43		*		*	*		
20	05	64	15.3	LA	0001	37	02.4	76	31.9	4		1	27		*	0.5		05.0	C	20.78	C	10.57		*		*	*		
20	05	64	16.0	LA	0001	37	02.4	76	31.9	5		*	26		*	0.8		00.0	C	22.80	C	7.67	D	31	D	0.45	*		
20	05	64	16.0	LA	0001	37	02.4	76	31.9	5		*	26		*	0.8		02.0	C	22.04	C	8.37		*		*	*		
20	05	64	16.0	LA	0001	37	02.4	76	31.9	5		*	26		*	0.8		04.0	C	20.82	C	10.13		*		*	*		
20	05	64	16.0	LA	0001	37	02.4	76	31.9	5		*	26		*	0.8		05.0	C	20.79	C	10.44		*		*	*		
20	05	64	17.0	LA	0001	37	02.4	76	31.9	5		3	26	7	04	0.7		00.0	C	23.10	C	8.01	D	31	D	0.40	*		
20	05	64	17.0	LA	0001	37	02.4	76	31.9	5		3	26	7	04	0.7		02.0	C	22.26	C	8.50		*		*	*		
20	05	64	17.0	LA	0001	37	02.4	76	31.9	5		3	26	7	04	0.7		04.0	C	21.20	C	9.67		*		*	*		
20	05	64	17.0	LA	0001	37	02.4	76	31.9	5		3	26	7	04	0.7		05.0	C	20.76	C	10.90		*		*	*		
20	05	64	17.5	LA	0001	37	02.4	76	31.9	5		3	25	7	03	0.5		00.0	C	22.94	C	8.30	D	30	D	0.36	17.6		
20	05	64	17.5	LA	0001	37	02.4	76	31.9	5		3	25	7	03	0.5		02.0	C	21.64	C	9.00		*		*	*		
20	05	64	17.5	LA	0001	37	02.4	76	31.9	5		3	25	7	03	0.5		04.0	C	20.38	C	12.97		*		*	*		
20	05	64	17.5	LA	0001	37	02.4	76	31.9	5		3	25	7	03	0.5		05.0	C	20.34	C	13.17		*		*	*		
20	05	64	18.1	LA	0001	37	02.4	76	31.9	5		4	24	4	03			00.0	C	22.90	C	8.13	D	30	D	0.34	18.4		
20	05	64	18.1	LA	0001	37	02.4	76	31.9	5		4	24	4	03			02.0	C	21.52	C	9.60		*		*	*		
20	05	64	18.1	LA	0001	37	02.4	76	31.9	5		4	24	4	03			04.0	C	20.32	C	13.51		*		*	*		
20	05	64	18.1	LA	0001	37	02.4	76	31.9	5		4	24	4	03			05.0	C	20.30	C	13.57		*		*	*		
20	05	64	19.0	LA	0001	37	02.4	76	31.9	5		4	27	7	05			00.0	C	22.74	C	8.41	E	14	D	*	*		
20	05	64	19.0	LA	0001	37	02.4	76	31.9	5		4	27	7	05			02.0	C	22.24	C	9.34		*		*	*		
20	05	64	19.0	LA	0001	37	02.4	76	31.9	5		4	27	7	05			04.0						*		*	*		
20	05	64	19.0	LA	0001	37	02.4	76	31.9	5		4	27	7	05			05.0						*		*	*		
20	05	64	20.0	LA	0001	37	02.4	76	31.9	5		4	23	6	06			00.0	C	22.50	C	8.91	D	31		*	20.7		
20	05	64	20.0	LA	0001	37	02.4	76	31.9	5		4	23	6	06			02.0	C	21.74	C	9.83		*		*	*		
20	05	64	20.0	LA	0001	37	02.4	76	31.9	5		4	23	6	06			04.0	C	19.80	C	15.66		*		*	*		
20	05	64	20.0	LA	0001	37	02.4	76	31.9	5		4	23	6	06			05.0	C	19.74	C	15.70		*		*	*		
20	05	64	21.0	LA	0001	37	02.4	76	31.9	5		5	21		*			00.0	C	22.16	A	8.77	D	14	D	0.24	21.2		
20	05	64	21.0	LA	0001	37	02.4	76	31.9	5		5	21		*			02.0	C	21.20	C	12.18		*		*	*		
20	05	64	21.0	LA	0001	37	02.4	76	31.9	5		5	21		*			04.0	C	20.12	C	15.34		*		*	*		
20	05	64	21.0	LA	0001	37	02.4	76	31.9	5		5	21		*			05.0	C	20.08	C	15.41		*		*	*		
20	05	64	22.0	LA	0001	37	02.4	76	31.9	*5		6	20	10	02			00.0	C	21.86	C	8.47	E	14	D	0.49	22.2		
20	05	64	22.0	LA	0001	37	02.4	76	31.9	*5		6	20	10	02			02.0	C	21.87	C	8.62		*		*	*		
20	05	64	22.0	LA	0001	37	02.4	76	31.9	*5		6	20	10	02			04.0	C	20.70	C	13.08		*		*	*		
20	05	64	22.0	LA	0001	37	02.4	76	31.9	*5		6	20	10	02			05.0	C	20.44	C	13.93		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
20	05	64	23.0	LA	0001	37	02.4	76	31.9	5		6	20	9	03			00.0	C	21.40	A	9.31	E	14	D	0.59	23.2		
20	05	64	23.0	LA	0001	37	02.4	76	31.9	5		6	20	9	03			02.0	C	21.36	C	9.13		*		*	*		
20	05	64	23.0	LA	0001	37	02.4	76	31.9	5		6	20	9	03			04.0	C	21.22	C	11.17		*		*	*		
20	05	64	23.0	LA	0001	37	02.4	76	31.9	5		6	20	9	03			05.0	C	21.18	C	11.31		*		*	*		
21	05	64	00.0	LA	0001	37	02.4	76	31.9	5		7	19		*			00.0	C	21.38	C	9.06	E	14	D	0.25	00.2		
21	05	64	00.0	LA	0001	37	02.4	76	31.9	5		7	19		*			02.0	C	21.44	C	9.67		*		*	*		
21	05	64	00.0	LA	0001	37	02.4	76	31.9	5		7			*			04.0	C	21.20	C	10.91		*		*	*		
21	05	64	00.0	LA	0001	37	02.4	76	31.9	5		7			*			05.0	C	21.19	C	10.02		*		*	*		
21	05	64	00.0	LA	0001	37	02.4	76	31.9	5		7			*			02.0					I	27	I	0.30	00.5		
21	05	64	00.0	LA	0001	37	02.4	76	31.9	5		7			*			04.0					I	26	I	0.25	00.6		
21	05	64	01.0	LA	0001	37	02.4	76	31.9	5		*			*			00.0	C	21.36	C	9.24		*		*	*		
21	05	64	01.0	LA	0001	37	02.4	76	31.9	5		*			*			02.0	C	21.34	C	9.51		*		*	*		
21	05	64	01.0	LA	0001	37	02.4	76	31.9	5		*			*			04.0	C	21.28	C	10.54		*		*	*		
21	05	64	01.0	LA	0001	37	02.4	76	31.9	5		*			*			05.0	C	21.26	C	10.44		*		*	*		
21	05	64	01.0	LA	0001	37	02.4	76	31.9	5		*			*			02.0					I	25	I	0.30	01.5		
21	05	64	01.0	LA	0001	37	02.4	76	31.9	5		*			*			04.0					I	25	I	0.32	01.8		
21	05	64	02.1	LA	0001	37	02.4	76	31.9	5		8	18		*			00.0	C	21.46	C	8.11		*	D	0.09	02.3		
21	05	64	02.1	LA	0001	37	02.4	76	31.9	5		8	18		*			02.0	C	21.36	C	7.77		*		*	*		
21	05	64	02.1	LA	0001	37	02.4	76	31.9	5		8	18		*			04.0	C	21.30	C	9.74		*		*	*		
21	05	64	02.1	LA	0001	37	02.4	76	31.9	5		8	18		*			05.0	C	21.22	C	10.32		*		*	*		
21	05	64	02.1	LA	0001	37	02.4	76	31.9	5		8	18		*			02.0					I	25	I	0.25	02.4		
21	05	64	02.1	LA	0001	37	02.4	76	31.9	5		8	18		*			04.0					I	27	I	0.30	02.5		
21	05	64	03.1	LA	0001	37	02.4	76	31.9	5		1	18		*			00.0	C	21.32	C	8.41	D	30	D	0.36	03.4		
21	05	64	03.1	LA	0001	37	02.4	76	31.9	5		1	18		*			02.0	C	21.38	C	9.09		*		*	*		
21	05	64	03.1	LA	0001	37	02.4	76	31.9	5		1	18		*			04.0	C	21.26	C	10.34		*		*	*		
21	05	64	03.1	LA	0001	37	02.4	76	31.9	5		1	18		*			05.0	C	21.24	C	10.35		*		*	*		
21	05	64	04.0	LA	0001	37	02.4	76	31.9	5		*	17		*			00.0	C	21.30	C	8.62	D	32	D	0.43	04.3		
21	05	64	04.0	LA	0001	37	02.4	76	31.9	5		*	17		*			02.0	C	21.28	C	9.02		*		*	*		
21	05	64	04.0	LA	0001	37	02.4	76	31.9	5		*	17		*			03.0	C	21.28	C	10.30		*		*	*		
21	05	64	04.0	LA	0001	37	02.4	76	31.9	5		*	17		*			04.0	C	21.28	C	10.37		*		*	*		
21	05	64	04.0	LA	0001	37	02.4	76	31.9	5		*	17		*			05.0	C	20.70	C	12.44		*		*	*		
21	05	64	04.0	LA	0001	37	02.4	76	31.9	5		*	17		*			02.0					I	02	I	0.25	04.1		
21	05	64	04.0	LA	0001	37	02.4	76	31.9	5		*	17		*			04.0					I	02	I	0.32	04.2		
21	05	64	05.1	LA	0001	37	02.4	76	31.9	5		*			*			00.0	C	20.98	C	9.63	D	30	D	0.56	05.4		
21	05	64	05.1	LA	0001	37	02.4	76	31.9	5		*			*			02.0	C	21.12	C	9.87		*		*	*		
21	05	64	05.1	LA	0001	37	02.4	76	31.9	5		*			*			03.0	C	21.10	C	9.93		*		*	*		
21	05	64	05.1	LA	0001	37	02.4	76	31.9	5		*			*			04.0	C	21.08	C	10.48		*		*	*		
21	05	64	05.1	LA	0001	37	02.4	76	31.9	5		*			*			05.0	C	20.80	C	12.14		*		*	*		
21	05	64	05.1	LA	0001	37	02.4	76	31.9	5		*			*			02.0					I	36	I	0.30	05.2		
21	05	64	05.1	LA	0001	37	02.4	76	31.9	5		*			*			04.0					I	36	I	0.38	05.1		
21	05	64	06.0	LA	0001	37	02.4	76	31.9	5		*			*			02.0						*	I	0.30	06.1		
21	05	64	06.0	LA	0001	37	02.4	76	31.9	5		*			*			04.0						*	I	0.32	06.0		
21	05	64	06.4	LA	0001	37	02.4	76	31.9	5		*			*			00.0	C	21.02	C	10.17	D	02	D	0.29	06.5		
21	05	64	06.4	LA	0001	37	02.4	76	31.9	5		*			*			02.0	C	21.10	C	10.39		*		*	*		
21	05	64	06.4	LA	0001	37	02.4	76	31.9	5		*			*			04.0	C	20.82	C	11.94		*		*	*		
21	05	64	06.4	LA	0001	37	02.4	76	31.9	5		*			*			05.0	C	20.56	C	13.30		*		*	*		
21	05	64	07.1	LA	0001	37	02.4	76	31.9	5		*	18		*			00.0	C	21.02	C	10.63	D	30	D	0.19	07.2		
21	05	64	07.1	LA	0001	37	02.4	76	31.9	5		*	18		*			02.0	C	21.02	C	10.81		*		*	*		
21	05	64	07.1	LA	0001	37	02.4	76	31.9	5		*	18		*			03.0	C	21.00	C	10.88		*		*	*		
21	05	64	07.1	LA	0001	37	02.4	76	31.9	5		*	18		*			04.0	C	20.64	C	11.87		*		*	*		
21	05	64	07.1	LA	0001	37	02.4	76	31.9	5		*	18		*			05.0	C	20.34	C	14.20		*		*	*		
21	05	64	07.1	LA	0001	37	02.4	76	31.9	5		*	18		*			02.0					I	03	I	0.12	07.1		
21	05	64	07.1	LA	0001	37	02.4	76	31.9	5		*	18		*			04.0					I	03	I	0.21	07.1		
21	05	64	08.1	LA	0001	37	02.4	76	31.9	5		*	18		*			00.0	C	21.02	C	10.97	D	22	D	0.95	08.2		
21	05	64	08.1	LA	0001	37	02.4	76	31.9	5		*	18		*			02.0	C	21.04	C	10.99		*		*	*		
21	05	64	08.1	LA	0001	37	02.4	76	31.9	5		*	18		*			03.0	C	20.82	C	11.69		*		*	*		
21	05	64	08.1	LA	0001	37	02.4	76	31.9	5		*	18		*			04.0	C	20.32	C	14.96		*		*	*		
21	05	64	08.1	LA	0001	37	02.4	76	31.9	5		*	18		*			05.0	C	20.28	C	15.03		*		*	*		
21	05	64	08.1	LA	0001	37	02.4	76	31.9	5		*	18		*			02.0					I	03	I	0.15	08.1		
21	05	64	08.1	LA	0001	37	02.4	76	31.9	5		*	18		*			04.0					I	01	I	0.09	08.3		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
21	05	64	09.0	LA	0001	37	02.4	76	31.9	5		5	19	4	00	0.9		00.0	C	21.16	C	11.20	D	22	D	0.34	09.6		
21	05	64	09.0	LA	0001	37	02.4	76	31.9	5		5	19	4	00	0.9		02.0	C	21.12	C	11.24		*		*	*		
21	05	64	09.0	LA	0001	37	02.4	76	31.9	5		5	19	4	00	0.9		03.0	C	20.84	C	13.82		*		*	*		
21	05	64	09.0	LA	0001	37	02.4	76	31.9	5		5	19	4	00	0.9		04.0	C	20.38	C	15.68		*		*	*		
21	05	64	09.0	LA	0001	37	02.4	76	31.9	5		5	19	4	00	0.9		05.0	C	20.28	C	15.10		*		*	*		
21	05	64	09.0	LA	0001	37	02.4	76	31.9	5		5	19	4	00	0.9		02.0					I	22	I	0.20	09.2		
21	05	64	09.0	LA	0001	37	02.4	76	31.9	5		5	19	4	00	0.9		04.0					I	28	I	0.08	09.4		
21	05	64	10.0	LA	0001	37	02.4	76	31.9	5		5	20	4	02	0.9		00.0	C	21.24	C	11.08	D	18	D	0.45	10.7		
21	05	64	10.0	LA	0001	37	02.4	76	31.9	5		5	20	4	02	0.9		02.0	C	21.18	C	11.06		*		*	*		
21	05	64	10.0	LA	0001	37	02.4	76	31.9	5		5	20	4	02	0.9		03.0	C	21.08	C	11.08		*		*	*		
21	05	64	10.0	LA	0001	37	02.4	76	31.9	5		5	20	4	02	0.9		04.0	C	20.78	C	11.57		*		*	*		
21	05	64	10.0	LA	0001	37	02.4	76	31.9	5		5	20	4	02	0.9		05.0	C	20.38	C	15.13		*		*	*		
21	05	64	10.0	LA	0001	37	02.4	76	31.9	5		5	20	4	02	0.9		02.0					I	25	I	0.45	10.4		
21	05	64	10.0	LA	0001	37	02.4	76	31.9	5		5	20	4	02	0.9		04.0					I	24	I	0.25	10.4		
21	05	64	11.0	LA	0001	37	02.4	76	31.9	5		6	20	4	05	0.9		00.0	C	21.50	C	10.21	D	18		*	*		
21	05	64	11.0	LA	0001	37	02.4	76	31.9	5		6	20	4	05	0.9		02.0	C	21.14	C	10.75		*		*	*		
21	05	64	11.0	LA	0001	37	02.4	76	31.9	5		6	20	4	05	0.9		03.0	C	21.00	C	10.91		*		*	*		
21	05	64	11.0	LA	0001	37	02.4	76	31.9	5		6	20	4	05	0.9		04.0	C	20.62	C	12.72		*		*	*		
21	05	64	11.0	LA	0001	37	02.4	76	31.9	5		6	20	4	05	0.9		05.0	C	20.34	C	12.35		*		*	*		
21	05	64	11.0	LA	0001	37	02.4	76	31.9	5		6	20	4	05	0.9		02.0					I	27	I	0.51	11.5		
21	05	64	11.0	LA	0001	37	02.4	76	31.9	5		6	20	4	05	0.9		04.0					I	25	I	0.46	11.4		
21	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		7	21	24	07	0.8		00.0	C	21.60	A	9.94	D	18	D	0.43	12.5		
21	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		7	21	24	07	0.8		02.0	C	20.98	C	10.37		*		*	*		
21	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		7	21	24	07	0.8		03.0	C	21.04	C	10.44		*		*	*		
21	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		7	21	24	07	0.8		04.0	C	20.44	C	13.66		*		*	*		
21	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		7	21	24	07	0.8		05.0	C	20.24	C	12.43		*		*	*		
21	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		7	21	24	07	0.8		02.0					I	27	I	0.51	12.3		
21	05	64	12.0	LA	0001	37	02.4	76	31.9	*5		7	21	24	07	0.8		04.0					I	26	I	0.50	12.3		
21	05	64	13.4	LA	0001	37	02.4	76	31.9	5		*			*			02.0					I	25	I	0.35	13.4		
21	05	64	13.4	LA	0001	37	02.4	76	31.9	5		*			*			04.0					I	25	I	0.30	13.5		
21	05	64	13.6	LA	0001	37	02.4	76	31.9	5		*	20		*			00.0	C	21.96	C	9.76	D	10	D	0.25	13.7		
21	05	64	13.6	LA	0001	37	02.4	76	31.9	5		*	20		*			02.0	C	21.30	C	10.14		*		*	*		
21	05	64	13.6	LA	0001	37	02.4	76	31.9	5		*	20		*			03.0	C	21.10	C	10.64		*		*	*		
21	05	64	13.6	LA	0001	37	02.4	76	31.9	5		*	20		*			04.0	C	20.94	C	11.31		*		*	*		
21	05	64	13.6	LA	0001	37	02.4	76	31.9	5		*	20		*			05.0	C	20.90	C	11.38		*		*	*		
21	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		1	20	14	*	0.6		00.0	C	22.34	C	9.58	D	31	D	0.11	*		
21	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		1	20	14	*	0.6		02.0	C	22.00	C	9.71		*		*	*		
21	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		1	20	14	*	0.6		03.0	C	21.64	C	9.85		*		*	*		
21	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		1	20	14	*	0.6		04.0	C	21.44	C	10.30		*		*	*		
21	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		1	20	14	*	0.6		05.0	C	20.96	C	11.20		*		*	*		
21	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		1	20	14	*	0.6		02.0					I	25	I	0.25	14.3		
21	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		1	20	14	*	0.6		04.0					I	18	I	0.03	14.2		
21	05	64	15.2	LA	0001	37	02.4	76	31.9	*5		1	20	14	06	0.3		00.0	C	23.12	C	8.33		*		*	*		
21	05	64	15.2	LA	0001	37	02.4	76	31.9	*5		1	20	14	06	0.3		02.0	C	21.82	C	8.62		*		*	*		
21	05	64	15.2	LA	0001	37	02.4	76	31.9	*5		1	20	14	06	0.3		03.0	C	21.26	C	10.26		*		*	*		
21	05	64	15.2	LA	0001	37	02.4	76	31.9	*5		1	20	14	06	0.3		04.0	C	21.16	A	10.73		*		*	*		
21	05	64	15.2	LA	0001	37	02.4	76	31.9	*5		1	20	14	06	0.3		05.0	C	20.94	C	11.15		*		*	*		
21	05	64	15.2	LA	0001	37	02.4	76	31.9	*5		1	20	14	06	0.3		02.0					I	27	I	0.25	15.2		
21	05	64	15.2	LA	0001	37	02.4	76	31.9	*5		1	20	14	06	0.3		04.0					I	03	I	0.25	15.4		
21	05	64	16.2	LA	0001	37	02.4	76	31.9	5		1	19	9	04	0.6		00.0	C	22.66	C	7.39	D	31	D	0.32	16.4		
21	05	64	16.2	LA	0001	37	02.4	76	31.9	5		1	19	9	04	0.6		02.0	C	21.46	C	9.99		*		*	*		
21	05	64	16.2	LA	0001	37	02.4	76	31.9	5		1	19	9	04	0.6		03.0	C	21.16	C	10.64		*		*	*		
21	05	64	16.2	LA	0001	37	02.4	76	31.9	5		1	19	9	04	0.6		04.0	C	21.12	C	10.73		*		*	*		
21	05	64	16.2	LA	0001	37	02.4	76	31.9	5		1	19	9	04	0.6		05.0	C	20.94	C	11.17		*		*	*		
21	05	64	16.6	LA	0001	37	02.4	76	31.9	5		1	19		*	0.6		00.0	C	22.42	C	8.39	D	30	D	0.37	16.8		
21	05	64	16.6	LA	0001	37	02.4	76	31.9	5		1	19		*	0.6		02.0	C	21.72	C	9.92		*		*	*		
21	05	64	16.6	LA	0001	37	02.4	76	31.9	5		1	19		*	0.6		03.0	C	21.24	C	10.50		*		*	*		
21	05	64	16.6	LA	0001	37	02.4	76	31.9	5		1	19		*	0.6		04.0	C	21.04	C	10.88		*		*	*		
21	05	64	16.6	LA	0001	37	02.4	76	31.9	5		1	19		*	0.6		05.0	C	21.02	C	10.97		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC				
21	05	64	17.3	LA	0001	37	02.5	76	31.9	5		2		9	02	0.7		00.0	C	22.14	C	8.87	D	30	D	0.38	17.5		
21	05	64	17.3	LA	0001	37	02.5	76	31.9	5		2		9	02	0.7		02.0	C	21.60	C	9.96		*		*	*		
21	05	64	17.3	LA	0001	37	02.5	76	31.9	5		2		9	02	0.7		03.0	C	21.18	C	10.70		*		*	*		
21	05	64	17.3	LA	0001	37	02.5	76	31.9	5		2		9	02	0.7		04.0	C	21.06	C	11.06		*		*	*		
21	05	64	17.3	LA	0001	37	02.5	76	31.9	5		2		9	02	0.7		05.0	C	20.90	C	11.91		*		*	*		
21	05	64	18.0	LA	0001	37	02.5	76	31.9	5		2	18	9	01	0.8		00.0	C	21.76	C	10.25	D	29	D	0.28	18.3		
21	05	64	18.0	LA	0001	37	02.5	76	31.9	5		2	18	9	01	0.8		02.0	C	21.82	C	10.52		*		*	*		
21	05	64	18.0	LA	0001	37	02.5	76	31.9	5		2	18	9	01	0.8		03.0	C	21.74	C	10.99		*		*	*		
21	05	64	18.0	LA	0001	37	02.5	76	31.9	5		2	18	9	01	0.8		04.0	C	21.22	C	12.03		*		*	*		
21	05	64	18.0	LA	0001	37	02.5	76	31.9	5		2	18	9	01	0.8		05.0	C	20.78	C	12.63		*		*	*		
21	05	64	19.5	LA	0001	37	02.5	76	31.9	5		3	17		04			00.0	C	21.74	C	10.55	D	14	D	0.19	19.8		
21	05	64	19.5	LA	0001	37	02.5	76	31.9	5		3	17		04			02.0	C	21.82	C	10.66		*		*	*		
21	05	64	19.5	LA	0001	37	02.5	76	31.9	5		3	17		04			03.0	C	21.70	C	10.91		*		*	*		
21	05	64	19.5	LA	0001	37	02.5	76	31.9	5		3	17		04			04.0	C	21.26	C	12.05		*		*	*		
21	05	64	19.5	LA	0001	37	02.5	76	31.9	5		3	17		04			05.0	C	20.60	C	13.69		*		*	*		
21	05	64	20.0	LA	0001	37	02.5	76	31.9	*5		4	17	19	04			00.0	C	21.54	C	10.93		*		*	20.5		
21	05	64	20.0	LA	0001	37	02.5	76	31.9	*5		4	17	19	04			02.0	C	21.54	C	10.97		*		*	*		
21	05	64	20.0	LA	0001	37	02.5	76	31.9	*5		4	17	19	04			03.0	C	21.42	C	11.38		*		*	*		
21	05	64	20.0	LA	0001	37	02.5	76	31.9	*5		4	17	19	04			04.0	C	21.18	C	12.12		*		*	*		
21	05	64	20.0	LA	0001	37	02.5	76	31.9	*5		4	17	19	04			05.0	C	20.38	C	14.38		*		*	*		
21	05	64	21.0	LA	0001	37	02.5	76	31.9	*5		4	17	19	04			00.0	C	21.42	C	6.37		*	D	0.46	21.5		
21	05	64	21.0	LA	0001	37	02.5	76	31.9	*5		4	17	19	04			02.0	C	21.44	C	10.95		*		*	*		
21	05	64	21.0	LA	0001	37	02.5	76	31.9	*5		4	17	19	04			03.0	C	21.20	C	12.00		*		*	*		
21	05	64	21.0	LA	0001	37	02.5	76	31.9	*5		4	17	19	04			04.0	C	20.44	C	14.24		*		*	*		
21	05	64	21.0	LA	0001	37	02.5	76	31.9	*5		4	17	19	04			05.0	C	20.36	C	14.54		*		*	*		
21	05	64	22.0	LA	0001	37	02.5	76	31.9	*5		5	17	18	04			00.0	C	21.16	C	11.08	D	14	D	0.46	22.7		
21	05	64	22.0	LA	0001	37	02.5	76	31.9	*5		5	17	18	04			02.0	C	21.16	C	11.08		*		*	*		
21	05	64	22.0	LA	0001	37	02.5	76	31.9	*5		5	17	18	04			03.0	C	21.22	C	11.58		*		*	*		
21	05	64	22.0	LA	0001	37	02.5	76	31.9	*5		5	17	18	04			04.0	C	21.22	C	11.91		*		*	*		
21	05	64	22.0	LA	0001	37	02.5	76	31.9	*5		5	17	18	04			05.0	C	20.54	C	13.50		*		*	*		
21	05	64	23.0	LA	0001	37	02.5	76	31.9	5		6	17		04			00.0	C	20.98	C	10.91	D	14	D	0.59	23.7		
21	05	64	23.0	LA	0001	37	02.5	76	31.9	5		6	17		04			02.0	C	21.04	C	10.26		*		*	*		
21	05	64	23.0	LA	0001	37	02.5	76	31.9	5		6	17		04			03.0	C	21.10	C	11.40		*		*	*		
21	05	64	23.0	LA	0001	37	02.5	76	31.9	5		6	17		04			04.0	C	21.02	C	11.96		*		*	*		
21	05	64	23.0	LA	0001	37	02.5	76	31.9	5		6	17		04			05.0	C	20.88	C	12.45		*		*	*		
22	05	64	00.0	LA	0001	37	02.4	76	31.9	5		6	17		05			00.0	C	21.06	A	9.83	D	14	D	0.61	00.7		
22	05	64	00.0	LA	0001	37	02.4	76	31.9	5		6	17		05			02.0	C	21.07	C	10.25		*		*	*		
22	05	64	00.0	LA	0001	37	02.4	76	31.9	5		6	17		05			03.0	C	21.07	C	10.39		*		*	*		
22	05	64	00.0	LA	0001	37	02.4	76	31.9	5		6	17		05			04.0	C	21.06	C	10.43		*		*	*		
22	05	64	00.0	LA	0001	37	02.4	76	31.9	5		6	17		05			05.0	C	21.06	C	10.44		*		*	*		
22	05	64	01.0	LA	0001	37	02.4	76	31.9	5		7	17		04			00.0	C	21.10	A	10.14	D	14	D	0.23	01.7		
22	05	64	01.0	LA	0001	37	02.4	76	31.9	5		7	17		04			02.0	C	21.14	C	10.05		*		*	*		
22	05	64	01.0	LA	0001	37	02.4	76	31.9	5		7	17		04			03.0	C	21.14	C	10.16		*		*	*		
22	05	64	01.0	LA	0001	37	02.4	76	31.9	5		7	17		04			04.0	C	21.14	C	10.73		*		*	*		
22	05	64	01.0	LA	0001	37	02.4	76	31.9	5		7	17		04			05.0	C	21.06	C	11.46		*		*	*		
22	05	64	02.1	LA	0001	37	02.4	76	31.9	*5		7	17	14	04			00.0	C	21.05	C	9.65		*		*	*		
22	05	64	02.1	LA	0001	37	02.4	76	31.9	*5		7	17	14	04			02.0	C	21.21	C	9.90		*		*	*		
22	05	64	02.1	LA	0001	37	02.4	76	31.9	*5		7	17	14	04			03.0	C	21.21	C	10.13		*		*	*		
22	05	64	02.1	LA	0001	37	02.4	76	31.9	*5		7	17	14	04			04.0	C	21.19	C	10.55		*		*	*		
22	05	64	02.1	LA	0001	37	02.4	76	31.9	*5		7	17	14	04			05.0	C	21.17	C	10.23		*		*	*		
22	05	64	03.2	LA	0001	37	02.4	76	31.9	*5		8	17	15	04			00.0	C	20.88	C	9.13		*	D	0.00	*		
22	05	64	03.2	LA	0001	37	02.4	76	31.9	*5		8	17	15	04			02.0	C	20.97	C	9.52		*		*	*		
22	05	64	03.2	LA	0001	37	02.4	76	31.9	*5		8	17	15	04			03.0	C	21.09	C	9.78		*		*	*		
22	05	64	03.2	LA	0001	37	02.4	76	31.9	*5		8	17	15	04			04.0	C	20.76	C	10.44		*		*	*		
22	05	64	03.2	LA	0001	37	02.4	76	31.9	*5		8	17	15	04			05.0	C	20.99	C	11.28		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
22	05	64	04.0	LA	0001	37	02.4	76	31.9	*5		1	16	15	04			00.0	C	20.65	C	7.99		*	D	0.14	04.2	
22	05	64	04.0	LA	0001	37	02.4	76	31.9	*5		1	16	15	04			02.0	C	20.83	C	8.76		*		*	*	
22	05	64	04.0	LA	0001	37	02.4	76	31.9	*5		1	16	15	04			03.0	C	21.05	C	9.74		*		*	*	
22	05	64	04.0	LA	0001	37	02.4	76	31.9	*5		1	16	15	04			04.0	C	21.05	C	10.81		*		*	*	
22	05	64	04.0	LA	0001	37	02.4	76	31.9	*5		1	16	15	04			05.0	C	21.01	C	11.18		*		*	*	
22	05	64	05.0	LA	0001	37	02.4	76	31.9	*5		1	14	16	03			00.0	C	20.63	A	7.48	D	30	D	0.14	05.3	
22	05	64	05.0	LA	0001	37	02.4	76	31.9	*5		1	14	16	03			02.0	C	21.01	C	9.15		*		*	*	
22	05	64	05.0	LA	0001	37	02.4	76	31.9	*5		1	14	16	03			03.0	C	21.03	C	9.51		*		*	*	
22	05	64	05.0	LA	0001	37	02.4	76	31.9	*5		1	14	16	03			04.0	C	21.03	C	10.61		*		*	*	
22	05	64	05.0	LA	0001	37	02.4	76	31.9	*5		1	14	16	03			05.0	C	21.01	C	10.99		*		*	*	
22	05	64	06.0	LA	0001	37	02.4	76	31.9	*5		1	14	16	04			00.0	C	20.65	C	8.41	D	31	D	0.19	06.4	
22	05	64	06.0	LA	0001	37	02.4	76	31.9	*5		1	14	16	04			02.0	C	20.82	C	8.87		*		*	*	
22	05	64	06.0	LA	0001	37	02.4	76	31.9	*5		1	14	16	04			03.0	C	20.91	C	9.74		*		*	*	
22	05	64	06.0	LA	0001	37	02.4	76	31.9	*5		1	14	16	04			04.0	C	20.86	C	11.16		*		*	*	
22	05	64	06.0	LA	0001	37	02.4	76	31.9	*5		1	14	16	04			05.0	C	20.89	C	11.62		*		*	*	
22	05	64	07.0	LA	0001	37	02.4	76	31.9	*5		2	18	16	04			00.0	C	20.65	C	9.07	D	30	D	0.23	07.3	
22	05	64	07.0	LA	0001	37	02.4	76	31.9	*5		2	18	16	04			02.0	C	20.69	C	10.03		*		*	*	
22	05	64	07.0	LA	0001	37	02.4	76	31.9	*5		2	18	16	04			03.0	C	20.73	C	10.19		*		*	*	
22	05	64	07.0	LA	0001	37	02.4	76	31.9	*5		2	18	16	04			04.0	C	20.89	C	10.84		*		*	*	
22	05	64	07.0	LA	0001	37	02.4	76	31.9	*5		2	18	16	04			05.0	C	20.71	C	12.14		*		*	*	
22	05	64	08.0	LA	0001	37	02.4	76	31.9	*5		2	22	20	02			00.0	C	20.71	C	9.99		*		*	*	
22	05	64	08.0	LA	0001	37	02.4	76	31.9	*5		2	22	20	02			02.0	C	20.65	C	10.26		*		*	*	
22	05	64	08.0	LA	0001	37	02.4	76	31.9	*5		2	22	20	02			03.0	C	20.67	C	10.54		*		*	*	
22	05	64	08.0	LA	0001	37	02.4	76	31.9	*5		2	22	20	02			04.0	C	20.73	C	11.49		*		*	*	
22	05	64	08.0	LA	0001	37	02.4	76	31.9	*5		2	22	20	02			05.0	C	20.71	C	11.39		*		*	*	
22	05	64	09.0	LA	0001	37	02.4	76	31.9	*5		*	24	22	04			00.0	C	20.77	C	10.16		*		*	*	
22	05	64	09.0	LA	0001	37	02.4	76	31.9	*5		*	24	22	04			02.0	C	20.65	C	10.21		*		*	*	
22	05	64	09.0	LA	0001	37	02.4	76	31.9	*5		*	24	22	04			03.0	C	20.73	C	10.46		*		*	*	
22	05	64	09.0	LA	0001	37	02.4	76	31.9	*5		*	24	22	04			04.0	C	20.63	C	12.43		*		*	*	
22	05	64	09.0	LA	0001	37	02.4	76	31.9	*5		*	24	22	04			05.0	C	20.52	C	13.39		*		*	*	
22	05	64	10.3	LA	0001	37	02.4	76	31.9	*5		2	26	25	07	0.7		00.0	C	21.23	C	9.33		*	D	0.54	10.8	
22	05	64	10.3	LA	0001	37	02.4	76	31.9	*5		2	26	25	07	0.7		02.0	C	21.05	C	9.38		*		*	*	
22	05	64	10.3	LA	0001	37	02.4	76	31.9	*5		2	26	25	07	0.7		03.0	C	20.81	C	9.87		*		*	*	
22	05	64	10.3	LA	0001	37	02.4	76	31.9	*5		2	26	25	07	0.7		04.0	C	20.71	C	11.76		*		*	*	
22	05	64	10.3	LA	0001	37	02.4	76	31.9	*5		2	26	25	07	0.7		05.0	C	20.63	C	12.52		*		*	*	
22	05	64	11.1	LA	0001	37	02.4	76	31.9	*5		6	28	25	07	0.8		00.0	C	21.37	C	8.17	D	14	D	0.63	11.3	
22	05	64	11.1	LA	0001	37	02.4	76	31.9	*5		6	28	25	07	0.8		02.0	C	21.23	C	8.42		*		*	*	
22	05	64	11.1	LA	0001	37	02.4	76	31.9	*5		6	28	25	07	0.8		03.0	C	21.03	C	8.91		*		*	*	
22	05	64	11.1	LA	0001	37	02.4	76	31.9	*5		6	28	25	07	0.8		04.0	C	20.72	C	11.78		*		*	*	
22	05	64	11.1	LA	0001	37	02.4	76	31.9	*5		6	28	25	07	0.8		04.8	C	20.69	C	12.21		*		*	*	
22	05	64	12.1	LA	0001	37	02.4	76	31.9	5		*			10	0.8		00.0	C	21.57	C	8.10	D	07	D	0.72	12.7	
22	05	64	12.1	LA	0001	37	02.4	76	31.9	5		*			10	0.8		02.0	C	21.41	C	8.33		*		*	*	
22	05	64	12.1	LA	0001	37	02.4	76	31.9	5		*			10	0.8		03.0	C	21.25	C	8.80		*		*	*	
22	05	64	12.1	LA	0001	37	02.4	76	31.9	5		*			10	0.8		04.0	C	20.75	C	11.42		*		*	*	
22	05	64	12.1	LA	0001	37	02.4	76	31.9	5		*			10	0.8		04.6	C	20.71	C	11.76		*		*	*	
22	05	64	12.2	LA	0001	37	02.4	76	31.9	5		*			10	0.8		00.0	C	21.70	C	8.37		*		*	*	
22	05	64	13.3	LA	0001	37	02.4	76	31.9	*5		*		20	10	0.6		00.0	C	22.08	C	9.06	D	07	D	0.46	13.4	
22	05	64	13.3	LA	0001	37	02.4	76	31.9	*5		*		20	10	0.6		02.0	C	21.57	C	9.40		*		*	*	
22	05	64	13.3	LA	0001	37	02.4	76	31.9	*5		*		20	10	0.6		03.0	C	21.29	C	9.56		*		*	*	
22	05	64	13.3	LA	0001	37	02.4	76	31.9	*5		*		20	10	0.6		04.0	C	20.85	C	10.50		*		*	*	
22	05	64	13.3	LA	0001	37	02.4	76	31.9	*5		*		20	10	0.6		04.5	C	20.79	C	10.95		*		*	*	
22	05	64	14.1	LA	0001	37	02.4	76	31.9	*5		*	28	20	08	0.5		00.0					D	06	D	0.32	14.3	
22	05	64	14.1	LA	0001	37	02.4	76	31.9	*5		*	28	20	08	0.5		00.0	C	22.34	C	8.77		*		*	*	
22	05	64	14.1	LA	0001	37	02.4	76	31.9	*5		*	28	20	08	0.5		02.0	C	21.94	C	9.09		*		*	*	
22	05	64	14.1	LA	0001	37	02.4	76	31.9	*5		*	28	20	08	0.5		04.0	C	20.95	C	10.30		*		*	*	
22	05	64	14.1	LA	0001	37	02.4	76	31.9	*5		*	28	20	08	0.5		04.5	C	20.91	C	10.57		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
22	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		*	28	20	08	0.5		00.0					D	06	D	0.19	14.8		
22	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		*	28	20	08	0.5		00.0	C	22.34	A	8.84		*		*	*		
22	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		*	28	20	08	0.5		02.0	C	21.94	C	10.72		*		*	*		
22	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		*	28	20	08	0.5		04.0	C	21.13	C	10.28		*		*	*		
22	05	64	14.5	LA	0001	37	02.4	76	31.9	*5		*	28	20	08	0.5		04.5	C	20.89	C	10.73		*		*	*		
22	05	64	15.0	LA	0001	37	02.4	76	31.9	*5		*	27	20	07	0.6		00.0					D	05	D	0.11	15.2		
22	05	64	15.0	LA	0001	37	02.4	76	31.9	*5		*	27	20	07	0.6		00.0	C	22.20	C	8.78		*		*	*		
22	05	64	15.0	LA	0001	37	02.4	76	31.9	*5		*	27	20	07	0.6		02.0	C	22.14	C	8.93		*		*	*		
22	05	64	15.0	LA	0001	37	02.4	76	31.9	*5		*	27	20	07	0.6		04.0	C	21.29	C	9.65		*		*	*		
22	05	64	15.0	LA	0001	37	02.4	76	31.9	*5		*	27	20	07	0.6		04.5	C	20.85	C	10.72		*		*	*		
22	05	64	15.7	LA	0001	37	02.4	76	31.9	*5		*	27	20	07	0.5		00.0	C	22.66	C	7.94		*		*	*		
22	05	64	15.7	LA	0001	37	02.4	76	31.9	*5		*	27	20	07	0.5		02.0	C	22.36	C	8.69		*		*	*		
22	05	64	15.7	LA	0001	37	02.4	76	31.9	*5		*	27	20	07	0.5		04.0	C	21.01	C	10.39		*		*	*		
22	05	64	15.7	LA	0001	37	02.4	76	31.9	*5		*	27	20	07	0.5		05.0	C	20.86	C	10.66		*		*	*		
22	05	64	16.2	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.7		00.0					D	34	D	0.31	16.7		
22	05	64	16.2	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.7		00.0	C	22.69	C	7.64		*		*	*		
22	05	64	16.2	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.7		02.0	C	22.41	C	7.64		*		*	*		
22	05	64	16.2	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.7		04.0	C	21.26	C	10.01		*		*	*		
22	05	64	16.2	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.7		05.0	C	20.85	C	10.69		*		*	*		
22	05	64	17.0	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.6		00.0	C	22.69	C	7.21		*		*	*		
22	05	64	17.0	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.6		02.0	C	22.16	C	8.66		*		*	*		
22	05	64	17.0	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.6		04.0	C	21.10	C	10.21		*		*	*		
22	05	64	17.0	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.6		05.0	C	20.69	C	11.89		*		*	*		
22	05	64	17.5	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.6		00.0					D	33	D	0.47	17.5		
22	05	64	17.5	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.6		00.0	C	22.91	C	7.09		*		*	*		
22	05	64	17.5	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.6		02.0	C	22.41	C	7.77		*		*	*		
22	05	64	17.5	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.6		04.0	C	21.68	C	9.24		*		*	*		
22	05	64	17.5	LA	0001	37	02.4	76	31.9	*5		*	26	20	07	0.6		05.0	C	20.83	C	11.60		*		*	*		
22	05	64	18.0	LA	0001	37	02.4	76	31.9	*5		*	26	20	06	0.8		00.0					D	31	D	0.38	18.3		
22	05	64	18.0	LA	0001	37	02.4	76	31.9	*5		*	26	20	06	0.8		00.0	C	22.44	C	7.88		*		*	*		
22	05	64	18.0	LA	0001	37	02.4	76	31.9	*5		*	26	20	06	0.8		02.0	C	22.18	C	8.39		*		*	*		
22	05	64	18.0	LA	0001	37	02.4	76	31.9	*5		*	26	20	06	0.8		04.0	C	21.28	C	9.40		*		*	*		
22	05	64	18.0	LA	0001	37	02.4	76	31.9	*5		*	26	20	06	0.8		05.0	C	20.99	C	9.07		*		*	*		
22	05	64	18.5	LA	0001	37	02.4	76	31.9	*5		*	26	20	06	0.8		00.0	C	22.42	C	7.94		*		*	*		
22	05	64	18.5	LA	0001	37	02.4	76	31.9	*5		*	26	20	06	0.8		02.0	C	21.72	C	8.96		*		*	*		
22	05	64	18.5	LA	0001	37	02.4	76	31.9	*5		*	26	20	06	0.8		04.0	C	21.25	C	10.79		*		*	*		
22	05	64	18.5	LA	0001	37	02.4	76	31.9	*5		*	26	20	06	0.8		05.0	C	21.09	C	11.20		*		*	*		
22	05	64	18.5	LA	0001	37	02.4	76	31.9	*5		*	26	20	06	0.8		05.5	C	21.05	C	11.22		*		*	*		
22	05	64	19.1	LA	0001	37	02.4	76	31.9	*5		*	25	20	03			00.0	J	21.93			D	31	D	0.25	*		
22	05	64	19.1	LA	0001	37	02.4	76	31.9	*5		*	25	20	03			02.0	J	21.81				*		*	*		
22	05	64	19.1	LA	0001	37	02.4	76	31.9	*5		*	25	20	03			04.0	J	21.70				*		*	*		
22	05	64	19.1	LA	0001	37	02.4	76	31.9	*5		*	25	20	03			05.0	J	21.41				*		*	*		
22	05	64	20.5	LA	0001	37	02.4	76	31.9	*5		5	24	20	07			00.0	J	21.89	A	9.90	D	00	D	0.00	20.7		
22	05	64	20.5	LA	0001	37	02.4	76	31.9	*5		5	24	20	07			02.0			A	10.06		*		*	*		
22	05	64	20.5	LA	0001	37	02.4	76	31.9	*5		5	24	20	07			04.0	J	21.84	A	10.22		*		*	*		
22	05	64	20.5	LA	0001	37	02.4	76	31.9	*5		5	24	20	07			05.0			A	10.89		*		*	*		
22	05	64	21.1	LA	0001	37	02.4	76	31.9	*5		4	23	20	05			00.0	J	21.83	A	10.15	D	15	D	0.13	21.6		
22	05	64	21.1	LA	0001	37	02.4	76	31.9	*5		4	23	20	05			02.0	J	21.84	A	10.28		*		*	*		
22	05	64	21.1	LA	0001	37	02.4	76	31.9	*5		4	23	20	05			04.0	J	20.52	A	11.06		*		*	*		
22	05	64	21.1	LA	0001	37	02.4	76	31.9	*5		4	23	20	05			05.0	J	20.20	A	13.35		*		*	*		
22	05	64	22.0	LA	0001	37	02.4	76	31.9	*5		4	22	20	06			00.0	J	21.79	A	10.27	E	14	D	0.25	22.2		
22	05	64	22.0	LA	0001	37	02.4	76	31.9	*5		4	22	20	06			02.0	J	21.45	A	11.40		*		*	*		
22	05	64	22.0	LA	0001	37	02.4	76	31.9	*5		4	22	20	06			04.0	J	20.23	A	12.12		*		*	*		
22	05	64	22.0	LA	0001	37	02.4	76	31.9	*5		4	22	20	06			05.0	J	19.95	A	12.68		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																							DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
22	05	64	23.0	LA	0001	37	02.4	76	31.9	*5		5	22	20	06			00.0	J	21.89	A	9.09	D	14	D	0.43	23.2
22	05	64	23.0	LA	0001	37	02.4	76	31.9	*5		5	22	20	06			02.0	J	21.92	A	11.57		*		*	*
22	05	64	23.0	LA	0001	37	02.4	76	31.9	*5		5	22	20	06			04.0	J	21.34	A	12.29		*		*	*
22	05	64	23.0	LA	0001	37	02.4	76	31.9	*5		5	22	20	06			05.0	J	20.17	A	13.57		*		*	*
23	05	64	00.0	LA	0001	37	02.4	76	31.9	*5		5	22	20	05			00.0	J	21.71	A	9.52	D	12	D	0.60	00.3
23	05	64	00.0	LA	0001	37	02.4	76	31.9	*5		5	22	20	05			02.0	J	21.39	A	9.50		*		*	*
23	05	64	00.0	LA	0001	37	02.4	76	31.9	*5		5	22	20	05			04.0	J	21.65	A	10.57		*		*	*
23	05	64	00.0	LA	0001	37	02.4	76	31.9	*E		5	22	20	05			05.0	J	21.09	A	11.29		*		*	*
23	05	64	01.0	LA	0001	37	02.4	76	31.9	*5		6	22	20	08			00.0					D	09	D	0.63	01.1
23	05	64	01.0	LA	0001	37	02.4	76	31.9	*5		6	22	20	08			00.0	J	21.59	A	9.76		*		*	*
23	05	64	01.0	LA	0001	37	02.4	76	31.9	*5		6	22	20	08			02.0	J	21.55	A	9.79		*		*	*
23	05	64	01.0	LA	0001	37	02.4	76	31.9	*5		6	22	20	08			04.0	J	21.53	A	9.81		*		*	*
23	05	64	01.0	LA	0001	37	02.4	76	31.9	*5		6	22	20	08			04.5	J	21.53	A	9.78		*		*	*
23	05	64	02.0	LA	0001	37	02.4	76	31.9	*5		*	21	20	08			00.0					D	13	D	0.37	02.1
23	05	64	02.0	LA	0001	37	02.4	76	31.9	*5		*	21	20	08			00.0	J	21.04	A	9.13		*		*	*
23	05	64	02.0	LA	0001	37	02.4	76	31.9	*5		*	21	20	08			02.0	J	21.76	A	9.24		*		*	*
23	05	64	02.0	LA	0001	37	02.4	76	31.9	*5		*	21	20	08			04.0	J	21.69	A	9.97		*		*	*
23	05	64	02.0	LA	0001	37	02.4	76	31.9	*5		*	21	20	08			05.0	J	21.51	A	11.03		*		*	*
23	05	64	02.4	LA	0001	37	02.4	76	31.9	*5		*	21	20	08			00.0						*		*	*
23	05	64	02.4	LA	0001	37	02.4	76	31.9	*5		*	21	20	08			04.2						*		*	*
23	05	64	03.0	LA	0001	37	02.4	76	31.9	*5		*	21	20	09			00.0					D	13	D	0.24	03.3
23	05	64	03.0	LA	0001	37	02.4	76	31.9	*5		*	21	20	09			00.0	J	22.00	A	8.69		*		*	*
23	05	64	03.0	LA	0001	37	02.4	76	31.9	*5		*	21	20	09			02.0	J	21.90	A	8.70		*		*	*
23	05	64	03.0	LA	0001	37	02.4	76	31.9	*5		*	21	20	09			04.0	J	21.89	A	9.00		*		*	*
23	05	64	03.0	LA	0001	37	02.4	76	31.9	*5		*	21	20	09			05.0	J	21.69	A	9.23		*		*	*
23	05	64	03.5	LA	0001	37	02.4	76	31.9	*5		*	21	20	09			00.0						*		*	*
23	05	64	03.5	A	0001	37	02.4	76	31.9	*5		*	21	20	09			05.0						*		*	*
23	05	64	04.0	LA	0001	37	02.4	76	31.9	*5		*	20	20	11			00.0					D	00	D	0.00	04.2
23	05	64	04.0	LA	0001	37	02.4	76	31.9	*5		*	20	20	11			00.0	J	21.93	A	8.73		*		*	*
23	05	64	04.0	LA	0001	37	02.4	76	31.9	*5		*	20	20	11			02.0	J	21.96	A	8.70		*		*	*
23	05	64	04.0	LA	0001	37	02.4	76	31.9	*5		*	20	20	11			04.0	J	21.92	A	8.79		*		*	*
23	05	64	04.0	LA	0001	37	02.4	76	31.9	*5		*	20	20	11			05.0	J	21.66	A	9.27		*		*	*
23	05	64	04.5	LA	0001	37	02.4	76	31.9	*5		*	20	20	11			00.0	J	21.84	A	8.67		*		*	*
23	05	64	04.5	LA	0001	37	02.4	76	31.9	*5		*	20	20	11			02.0	J	21.84	A	8.65		*		*	*
23	05	64	04.5	LA	0001	37	02.4	76	31.9	*5		*	20	20	11			04.0	J	21.89	A	8.70		*		*	*
23	05	64	04.5	LA	0001	37	02.4	76	31.9	*5		*	20	20	11			05.0	J	21.67	A	9.16		*		*	*
23	05	64	05.0	LA	0001	37	02.4	76	31.9	*5		7	20	20	11	0.8		00.0	J	21.61	A	8.46		*		*	*
23	05	64	05.0	LA	0001	37	02.4	76	31.9	*5		7	20	20	11	0.8		02.0	J	21.63				*		*	*
23	05	64	05.0	LA	0001	37	02.4	76	31.9	*5		7	20	20	11	0.8		04.0	J	21.63				*		*	*
23	05	64	05.0	LA	0001	37	02.4	76	31.9	*5		7	20	20	11	0.8		05.0	J	21.71				*	D	0.00	05.1
19	05	64	18.9	HO	0001	37	02.3	76	32.0	8		*			*			00.0	B	22.52	B	8.12		*	D	0.05	18.9
19	05	64	18.9	HO	0001	37	02.3	76	32.0	8		*			*			02.0	B	22.40	B	8.12		*	F	0.14	19.3
19	05	64	18.9	HO	0001	37	02.3	76	32.0	8		*			*			04.0	B	22.04	B	9.68		*	F	0.18	19.4
19	05	64	18.9	HO	0001	37	02.3	76	32.0	8		*			*			06.0	B	20.64	B	12.96		*	F	0.10	19.5
19	05	64	20.0	HO	0001	37	02.3	76	32.0	8		*			*			00.0	B	,			E	08	D	0.22	20.0
19	05	64	20.0	HO	0001	37	02.3	76	32.0	8		*			*			02.0	B	,			E	08	F	0.33	20.3
19	05	64	20.0	HO	0001	37	02.3	76	32.0	8		*			*			04.0	B	,			E	08	F	0.20	20.3
19	05	64	20.0	HO	0001	37	02.3	76	32.0	8		*			*			06.0	B	,			E	08	F	0.23	20.4
19	05	64	20.0	HO	0001	37	02.3	76	32.0	8		*			*			08.0	B	,			E	08	F	0.25	20.5
19	05	64	21.6	HO	0001	37	02.3	76	32.0	8		*			*			00.0					E	08	D	0.54	21.7
19	05	64	21.6	HO	0001	37	02.3	76	32.0	8		*			*			02.0					E	08	F	0.72	21.8
19	05	64	21.6	HO	0001	37	02.3	76	32.0	8		*			*			04.0					E	08	F	0.79	22.0
19	05	64	21.6	HO	0001	37	02.3	76	32.0	8		*			*			06.0					E	07	F	0.59	22.0
19	05	64	21.6	HO	0001	37	02.3	76	32.0	8		*			*			08.0					E	07	F	0.27	22.1

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
19	05	64	18.9	HO	0001	37	02.3	76	32.0	8	*			*		08.0	B	20.56	B	12.96		*	F	0.13	19.5
20	05	64	01.3	HO	0001	37	02.3	76	32.0	14	*		22	05		00.0	B	22.16	B	6.84	D	18	D	0.11	01.8
20	05	64	01.3	HO	0001	37	02.3	76	32.0	14	*		22	05		02.0	B	22.12	B	7.56		*	F	0.15	01.9
20	05	64	01.3	HO	0001	37	02.3	76	32.0	14	*		22	05		04.0	B	23.64	B	13.04		*	F	0.22	01.9
20	05	64	01.3	HO	0001	37	02.3	76	32.0	14	*		22	05		06.0	B	21.52	B	9.20		*	F	0.24	01.9
20	05	64	01.3	HO	0001	37	02.3	76	32.0	14	*		22	05		08.0	B	21.52	B	9.80		*	F	0.15	02.0
20	05	64	01.3	HO	0001	37	02.3	76	32.0	14	*		22	05		12.0	B	20.60	B	10.92		*		*	*
20	05	64	01.3	HO	0001	37	02.3	76	32.0	14	*		22	05		14.0	B	20.60	B	11.40		*		*	*
20	05	64	02.2	HO	0001	37	02.3	76	32.0	12	*		22	*		00.0	B	22.00	A	6.88	D	01	D	0.88	02.3
20	05	64	02.2	HO	0001	37	02.3	76	32.0	12	*		22	*		02.0	B	22.16	B	7.28		*	F	0.24	02.4
20	05	64	02.2	HO	0001	37	02.3	76	32.0	12	*		22	*		04.0	B	21.44	B	8.92		*	F	0.28	02.4
20	05	64	02.2	HO	0001	37	02.3	76	32.0	12	*		22	*		06.0	B	21.44	B	8.88		*	F	0.30	02.4
20	05	64	02.2	HO	0001	37	02.3	76	32.0	12	*		22	1		09.0	B	21.28	B	9.76		*	F	0.45	02.4
20	05	64	02.2	HO	0001	37	02.3	76	32.0	12	*		22	*		12.0	B	20.88	B	9.08		*	F	0.34	02.4
20	05	64	03.0	HO	0001	37	02.3	76	32.0	12	*		22	*		00.0	B	21.76	B	6.48	D	01	D	0.15	03.2
20	05	64	03.0	HO	0001	37	02.3	76	32.0	12	*		22	*		02.0	B	21.92	B	6.96		*	F	0.15	03.3
20	05	64	03.0	HO	0001	37	02.3	76	32.0	12	*		22	*		04.0	B	21.60	B	8.36		*	F	0.54	03.3
20	05	64	03.0	HO	0001	37	02.3	76	32.0	12	*		22	*		06.0	B	20.92	B	11.00		*	F	0.57	03.3
20	05	64	03.0	HO	0001	37	02.3	76	32.0	12	*		22	*		09.0	B	20.88	B	10.56		*	F	0.55	03.3
20	05	64	03.0	HO	0001	37	02.3	76	32.0	12	*		22	*		12.0	B	20.64	B	11.28		*		*	*
20	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*		22	*		00.0	B	21.52	B	6.36	D	32	D	0.24	04.2
20	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*		22	*		02.0	B	21.60	B	7.20		*	F	0.52	04.2
20	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*		22	*		04.0	B	21.40	B	9.00		*	F	0.77	04.3
20	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*		22	*		05.0	B	20.92	B	11.44		*	F	0.61	04.3
20	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*		22	*		06.0	B	20.76	B	12.00		*	F	0.44	04.3
20	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*		22	*		08.0	B	20.72	B	11.92		*	F	0.38	04.3
20	05	64	05.0	HO	0001	37	02.3	76	32.0	8	*			*		00.0					D	27	D	0.25	*
20	05	64	05.0	HO	0001	37	02.3	76	32.0	8	*			*		01.0						*	F	0.35	*
20	05	64	05.0	HO	0001	37	02.3	76	32.0	8	*			*		02.0						*	F	0.44	*
20	05	64	05.0	HO	0001	37	02.3	76	32.0	8	*			*		04.0						*	F	0.35	*
20	05	64	05.0	HO	0001	37	02.3	76	32.0	8	*			*		06.0						*	F	0.38	*
20	05	64	05.0	HO	0001	37	02.3	76	32.0	8	*			*		08.0						*	F	0.35	*
20	05	64	06.0	HO	0001	37	02.3	76	32.0	10	*		27	*	0.8	00.0					D	27	D	0.20	06.1
20	05	64	06.0	HO	0001	37	02.3	76	32.0	10	*		27	*	0.8	02.0						*	F	0.27	06.1
20	05	64	06.0	HO	0001	37	02.3	76	32.0	10	*		27	*	0.8	04.0						*	F	0.50	06.2
20	05	64	06.0	HO	0001	37	02.3	76	32.0	10	*		27	*	0.8	06.0						*	F	0.27	06.2
20	05	64	06.0	HO	0001	37	02.3	76	32.0	10	*		27	*	0.8	08.0						*	F	0.22	06.2
20	05	64	06.0	HO	0001	37	02.3	76	32.0	10	*		27	*	0.8	10.0						*	F	0.00	06.2
20	05	64	07.0	HO	0001	37	02.3	76	32.0	*	*		27	*	0.8	00.0						*	D	0.00	07.0
20	05	64	07.0	HO	0001	37	02.3	76	32.0	*	*		27	*	0.8	02.0						*	F	0.12	07.0
20	05	64	07.0	HO	0001	37	02.3	76	32.0	*	*		27	*	0.8	04.0						*	F	0.27	07.1
20	05	64	07.0	HO	0001	37	02.3	76	32.0	*	*		27	*	0.8	05.0						*	F	0.41	07.2
20	05	64	07.0	HO	0001	37	02.3	76	32.0	*	*		27	*	0.8	06.0						*	F	0.30	07.2
20	05	64	07.0	HO	0001	37	02.3	76	32.0	*	*		27	*	0.8	08.0						*	F	0.10	07.2
20	05	64	07.5	HO	0001	37	02.3	76	32.0	*	*		27	*		00.0					D	21	D	0.16	07.5
20	05	64	07.5	HO	0001	37	02.3	76	32.0	*	*		27	*		02.0						*	F	0.00	07.6
20	05	64	07.5	HO	0001	37	02.3	76	32.0	*	*		27	*		04.0						*	F	0.50	07.6
20	05	64	07.5	HO	0001	37	02.3	76	32.0	*	*		27	*		06.0						*	F	0.26	07.6
20	05	64	07.5	HO	0001	37	02.3	76	32.0	*	*		27	*		08.0						*	F	0.00	07.7
20	05	64	07.5	HO	0001	37	02.3	76	32.0	*	*		27	*		09.5						*	F	0.00	07.7
20	05	64	08.0	HO	0001	37	02.3	76	32.0	*9	5	28	28	08	0.7	00.0					D	22	D	0.23	08.0
20	05	64	08.0	HO	0001	37	02.3	76	32.0	*9	5	28	28	08	0.7	02.0						*	F	0.23	08.1
20	05	64	08.0	HO	0001	37	02.3	76	32.0	*9	5	28	28	08	0.7	04.0						*	F	0.19	08.2
20	05	64	08.0	HO	0001	37	02.3	76	32.0	*9	5	28	28	08	0.7	06.0						*	F	0.10	08.2
20	05	64	08.0	HO	0001	37	02.3	76	32.0	*9	5	28	28	08	0.7	08.0						*	F	0.12	08.2
20	05	64	08.0	HO	0001	37	02.3	76	32.0	*9	5	28	28	08	0.7	09.0						*	F	0.10	08.2

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
20	05	64	09.0	HO	0001	37	02.3	76	32.0	10	5	28	32	07	0.8	00.0	B	18.44	A	7.50	D	02	D	0.32	*
20	05	64	09.0	HO	0001	37	02.3	76	32.0	10	5	28	32	07	0.8	02.0	B	21.76	B	8.32		*	F	0.50	*
20	05	64	09.0	HO	0001	37	02.3	76	32.0	10	5	28	32	07	0.8	04.0	B	21.32	B	9.76		*	F	0.44	*
20	05	64	09.0	HO	0001	37	02.3	76	32.0	10	5	28	32	07	0.8	06.0	B	20.72	B	12.92		*	F	0.44	*
20	05	64	09.0	HO	0001	37	02.3	76	32.0	10	5	28	32	07	0.8	08.0	B	20.64	B	13.20		*	F	0.35	*
20	05	64	09.0	HO	0001	37	02.3	76	32.0	10	5	28	32	07	0.8	10.0	B	20.40	B	13.48		*		*	*
20	05	64	11.0	HO	0001	37	02.3	76	32.0	*9	6	28	32	07	0.6	00.0	B	23.40	A	6.13	E	02	D	0.63	*
20	05	64	11.0	HO	0001	37	02.3	76	32.0	*9	6	28	32	07	0.6	02.0	B	21.76	B	7.81		*	F	0.52	*
20	05	64	11.0	HO	0001	37	02.3	76	32.0	*9	6	28	32	07	0.6	04.0	B	21.12	B	9.05		*	F	0.44	*
20	05	64	11.0	HO	0001	37	02.3	76	32.0	*9	6	28	32	07	0.6	06.0	B	21.00	B	11.29		*	F	0.42	*
20	05	64	11.0	HO	0001	37	02.3	76	32.0	*9	6	28	32	07	0.6	08.0	B	20.68	B	12.11		*	F	0.31	*
20	05	64	11.0	HO	0001	37	02.3	76	32.0	*8	6	29	32	02	0.6	00.0	B	24.00	A	6.14	E	02	D	0.69	*
20	05	64	14.0	HO	0001	37	02.3	76	32.0	8	*	30	7	03	0.8	02.0	B	22.40	B	9.28		*	F	0.20	14.1
20	05	64	14.0	HO	0001	37	02.3	76	32.0	8	*	30	7	03	0.8	04.0	B	23.84	B	12.16		*	F	0.37	14.2
20	05	64	14.0	HO	0001	37	02.3	76	32.0	8	*	30	7	03	0.8	06.0	B	21.52	B	12.32		*	F	0.49	14.2
20	05	64	14.0	HO	0001	37	02.3	76	32.0	8	*	30	7	03	0.8	08.0	B	21.28	B	12.32		*	F	0.45	14.2
20	05	64	11.0	HO	0001	37	02.3	76	32.0	*8	6	29	32	02	0.6	02.0	B	21.80	B	8.48		*	F	0.55	*
20	05	64	11.0	HO	0001	37	02.3	76	32.0	*8	6	29	32	02	0.6	04.0	B	21.24	B	10.52		*	F	0.44	*
20	05	64	11.0	HO	0001	37	02.3	76	32.0	*8	6	29	32	02	0.6	06.0	B	21.08	B	12.00		*	F	0.38	*
20	05	64	11.0	HO	0001	37	02.3	76	32.0	*8	6	29	32	02	0.6	08.0	B	20.84	B	13.00		*	F	0.31	*
20	05	64	12.0	HO	0001	37	02.3	76	32.0	*8	7	28	30	02	0.6	00.0	B	24.72	B	6.48	E	03	D	0.34	*
20	05	64	12.0	HO	0001	37	02.3	76	32.0	*8	7	28	30	02	0.6	02.0	B	22.04	B	9.16		*	F	0.36	*
20	05	64	12.0	HO	0001	37	02.3	76	32.0	*8	7	28	30	02	0.6	04.0	B	21.56	B	9.96		*	F	0.12	*
20	05	64	12.0	HO	0001	37	02.3	76	32.0	*8	7	28	30	02	0.6	06.0	B	21.48	B	10.60		*	F	0.10	*
20	05	64	12.0	HO	0001	37	02.3	76	32.0	*8	7	28	30	02	0.6	08.0	B	21.12	B	12.16		*		*	*
20	05	64	13.0	HO	0001	37	02.3	76	32.0	8	8	27		*	0.7	00.0	B	25.56	A	5.60	E	99	D	0.00	13.3
20	05	64	13.0	HO	0001	37	02.3	76	32.0	8	8	27		*	0.7	02.0	B	22.40	B	7.64		*	F	0.12	13.3
20	05	64	13.0	HO	0001	37	02.3	76	32.0	8	8	27		*	0.7	04.0	B	21.72	B	9.56		*	F	0.14	13.4
20	05	64	13.0	HO	0001	37	02.3	76	32.0	8	8	27		*	0.7	06.0	B	21.28	B	11.28		*	F	0.22	13.5
20	05	64	13.0	HO	0001	37	02.3	76	32.0	8	8	27		*	0.7	08.0	B	21.08	B	12.56		*	F	0.30	13.5
20	05	64	14.0	HO	0001	37	02.3	76	32.0	8	*	30	7	03	0.8	00.0	B	23.60	A	7.96		*	D	0.23	14.1
20	05	64	14.5	HO	0001	37	02.3	76	32.0	8	*			*		00.0						*	D	0.28	14.5
20	05	64	14.5	HO	0001	37	02.3	76	32.0	8	*			*		02.0						*	F	0.22	14.5
20	05	64	14.5	HO	0001	37	02.3	76	32.0	8	*			*		04.0						*	F	0.44	14.5
20	05	64	14.5	HO	0001	37	02.3	76	32.0	8	*			*		06.0						*	F	0.50	14.5
20	05	64	14.5	HO	0001	37	02.3	76	32.0	8	*			*		08.0						*	F	0.52	14.5
20	05	64	15.0	HO	0001	37	02.3	76	32.0	8	*			*	0.8	00.0	B	21.88	B	8.28		*	D	0.44	15.1
20	05	64	15.0	HO	0001	37	02.3	76	32.0	8	*			*	0.8	00.0						*	D	0.60	15.5
20	05	64	15.0	HO	0001	37	02.3	76	32.0	8	*			*	0.8	02.0	B	21.28	B	10.72		*	F	0.44	15.1
20	05	64	15.0	HO	0001	37	02.3	76	32.0	8	*			*	0.8	04.0						*	F	0.61	15.1
20	05	64	15.0	HO	0001	37	02.3	76	32.0	8	*			*	0.8	04.0						*	F	0.74	15.5
20	05	64	15.0	HO	0001	37	02.3	76	32.0	8	*			*	0.8	02.0						*	F	0.67	15.5
20	05	64	15.0	HO	0001	37	02.3	76	32.0	8	*			*	0.8	06.0						*	F	0.67	15.5
20	05	64	15.0	HO	0001	37	02.3	76	32.0	8	*			*	0.8	06.0	B	20.72	B	13.04		*	F	0.67	15.2
20	05	64	15.0	HO	0001	37	02.3	76	32.0	8	*			*	0.8	04.0						*	F	0.61	15.1
20	05	64	15.0	HO	0001	37	02.3	76	32.0	8	*			*	0.8	08.0	B	20.72	B	12.92		*	F	0.55	15.2
20	05	64	15.0	HO	0001	37	02.3	76	32.0	8	*			*	0.8	08.0						*	F	0.44	15.6
20	05	64	16.0	HO	0001	37	02.3	76	32.0	8	1	26	9	*	0.5	00.0	B	26.80	A	8.67		*	D	0.61	16.1
20	05	64	16.0	HO	0001	37	02.3	76	32.0	8	1	26	9	*	0.5	02.0	B	21.28	B	10.64		*	F	1.05	16.1
20	05	64	16.0	HO	0001	37	02.3	76	32.0	8	1	26	9	*	0.5	04.4	B	20.88	B	13.20		*	F	0.75	16.2
20	05	64	16.0	HO	0001	37	02.3	76	32.0	8	1	26	9	*	0.5	06.0	B	20.68	B	13.28		*	F	0.61	16.2
20	05	64	16.0	HO	0001	37	02.3	76	32.0	8	1	26	9	*	0.5	08.0	B	20.72	B	13.32		*	F	0.59	16.2
20	05	64	17.0	HO	0001	37	02.3	76	32.0	8	2	26	9	04	0.4	00.0	B	18.64	A	9.17		*	D	1.01	17.1
20	05	64	17.0	HO	0001	37	02.3	76	32.0	8	2	26	9	04	0.4	02.0	B	21.56	B	10.72		*	F	1.16	17.2
20	05	64	17.0	HO	0001	37	02.3	76	32.0	8	2	26	9	04	0.4	04.0	B	20.92	B	11.32		*	F	1.18	17.2
20	05	64	17.0	HO	0001	37	02.3	76	32.0	8	2	26	9	04	0.4	06.0	B	20.92	B	13.60		*	F	0.90	17.3
20	05	64	17.0	HO	0001	37	02.3	76	32.0	8	2	26	9	04	0.4	08.0	B	20.72	B	13.64		*	F	0.81	17.3

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
20	05	64	18.0	HO	0001	37	02.3	76	32.0			*		9	*	0.8		00.0	B	22.96	B	8.84		*	D	0.38	18.2		
20	05	64	18.0	HO	0001	37	02.3	76	32.0			*		9	*	0.8		02.0	B	22.04	B	11.96		*		*	*		
20	05	64	18.0	HO	0001	37	02.3	76	32.0			*		9	*	0.8		04.0	B	21.52	B	11.56		*		*	*		
20	05	64	18.0	HO	0001	37	02.3	76	32.0			*		9	*	0.8		06.0	B	20.80	B	14.24		*		*	*		
20	05	64	18.0	HO	0001	37	02.3	76	32.0			*		9	*	0.8		08.0	B	20.48	B	14.44		*		*	*		
20	05	64	18.0	HO	0001	37	02.3	76	32.0			*		9	*	0.8		10.0	B	20.60	B	14.60		*	D	0.25	*		
20	05	64	19.0	HO	0001	37	02.3	76	32.0			*	27	7	05			00.0	B	22.72	B	9.16		*	D	0.31	19.2		
20	05	64	19.0	HO	0001	37	02.3	76	32.0			*	27	7	05			02.0	B	22.00	B	10.04		*		*	*		
20	05	64	19.0	HO	0001	37	02.3	76	32.0			*	27	7	05			04.0	B	20.12	B	15.12		*		*	*		
20	05	64	19.0	HO	0001	37	02.3	76	32.0			*	27	7	05			06.0	B	20.00	B	15.80		*		*	*		
20	05	64	19.0	HO	0001	37	02.3	76	32.0			*	27	7	05			08.0	B	20.00	B	16.12		*		*	*		
20	05	64	19.0	HO	0001	37	02.3	76	32.0			*	27	7	05			10.0	B	19.92	B	16.08		*		*	*		
20	05	64	22.0	HO	0001	37	02.3	76	32.0	*9		*	20	10	02			00.0			R	7.99		*	D	0.35	*		
20	05	64	22.0	HO	0001	37	02.3	76	32.0	*9		*	20	10	02			00.0			R	7.99		*	D	0.35	*		
20	05	64	22.0	HO	0001	37	02.3	76	32.0	*9		*	20	10	02			09.0			R	6.66		*		*	*		
20	05	64	22.0	HO	0001	37	02.3	76	32.0	*9		*	20	10	02			09.0			R	6.66		*		*	*		
20	05	64	22.5	HO	0001	37	02.3	76	32.0	9		*			*			00.0			R	6.08		*	D	0.43	22.6		
20	05	64	22.5	HO	0001	37	02.3	76	32.0	9		*			*			00.0			R	6.08		*	D	0.43	22.6		
20	05	64	22.5	HO	0001	37	02.3	76	32.0	9		*			*			09.0			R	5.76		*		*	*		
20	05	64	22.5	HO	0001	37	02.3	76	32.0	9		*			*			09.0			R	5.76		*		*	*		
20	05	64	23.0	HO	0001	37	02.3	76	32.0	9		*	20	9	03			00.0			R	5.58		*	D	0.47	23.1		
20	05	64	23.0	HO	0001	37	02.3	76	32.0	9		*	20	9	03			00.0			R	5.58		*	D	0.47	23.1		
20	05	64	23.0	HO	0001	37	02.3	76	32.0	9		*	20	9	03			09.0			R	4.95		*		*	*		
20	05	64	23.0	HO	0001	37	02.3	76	32.0	9		*	20	9	03			09.0			R	4.95		*		*	*		
20	05	64	23.5	HO	0001	37	02.3	76	32.0	9		*			*			00.0			A	5.49		*	D	0.49	23.6		
20	05	64	23.5	HO	0001	37	02.3	76	32.0	9		*			*			09.0			A	6.72		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			00.0	B	21.76	B	21.40		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			02.0	B	21.52	B	20.88		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			04.0	B	20.44	B	14.08		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			06.0	B	24.48	B	19.76		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			08.0	B	20.44	B	19.68		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			00.0			R	10.80		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			08.0			R	10.83		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			00.0			R	10.34	E	27	D	0.42	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			08.0			R	14.89		*		*	*		
21	05	64	02.6	HO	0001	37	02.3	76	32.0	10		8		*	*			00.0			A	9.05	E	00	D	0.00	02.9		
21	05	64	02.6	HO	0001	37	02.3	76	32.0	10		8		*	*			00.0					E	00	F	0.10	02.9		
21	05	64	02.6	HO	0001	37	02.3	76	32.0	10		8		*	*			04.0					E	04	F	0.35	02.9		
21	05	64	02.6	HO	0001	37	02.3	76	32.0	10		8		*	*			06.0					E	04	F	0.39	02.9		
21	05	64	02.6	HO	0001	37	02.3	76	32.0	10		8		*	*			08.0					E	04	F	0.41	02.9		
21	05	64	02.6	HO	0001	37	02.3	76	32.0	10		8		*	*			10.0					E	04	F	0.49	*		
21	05	64	03.1	HO	0001	37	02.3	76	32.0	10		1		*4	03			00.0	B	21.24	B	7.68		*		*	03.5		
21	05	64	03.1	HO	0001	37	02.3	76	32.0	10		1		*4	03			02.0	B	21.48	B	7.80		*	F	0.22	03.5		
21	05	64	03.1	HO	0001	37	02.3	76	32.0	10		1		*4	03			08.0	B	20.08	B	13.68		*	F	0.32	03.6		
21	05	64	03.1	HO	0001	37	02.3	76	32.0	10		1		*4	03			04.0	B	21.28	B	9.52		*	F	0.42	03.5		
21	05	64	03.1	HO	0001	37	02.3	76	32.0	10		1		*4	03			06.0	B	20.40	B	12.40		*	F	0.38	03.6		
21	05	64	03.1	HO	0001	37	02.3	76	32.0	10		1		*4	03			09.0	B	20.32	B	13.60		*	F	0.35	03.7		
21	05	64	04.0	HO	0001	37	02.3	76	32.0			1			*			00.0	B	21.00	B	8.86	E	05		*	*		
21	05	64	04.0	HO	0001	37	02.3	76	32.0			1			*			02.0	B	21.12	B	9.50	E	05	F	0.31	04.2		
21	05	64	04.0	HO	0001	37	02.3	76	32.0			1			*			04.0	B	20.92	B	11.94	E	05	F	0.38	04.2		
21	05	64	04.0	HO	0001	37	02.3	76	32.0			1			*			06.0	B	20.60	B	13.90	E	05	F	0.61	04.2		
21	05	64	04.0	HO	0001	37	02.3	76	32.0			1			*			08.0	B	20.04	B	15.42	E	05	F	0.35	04.2		
21	05	64	04.0	HO	0001	37	02.3	76	32.0			1			*			09.5	B	20.04	B	15.58	E	05	F	0.44	04.3		
21	05	64	05.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7		00.0	B	20.80	B	9.86	E	13	F	0.67	05.3		
21	05	64	05.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7		02.0	B	21.08	B	10.14	E	13	F	0.61	05.3		
21	05	64	05.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7		04.0	B	21.04	B	12.4	E	13	F	0.74	05.2		
21	05	64	05.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7		06.0	B	20.32	B	14.86	E	13	F	0.35	05.2		
21	05	64	05.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7		08.0	B	19.84	B	15.62	E	13	F	0.27	05.2		
21	05	64	05.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7		10.0	B	20.00	B	15.66	E	13	F	0.31	05.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
21	05	64	06.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7	00.0	B	21.16	B	8.84		*	F	0.52	06.0
21	05	64	06.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7	02.0	B	20.96	B	8.92		*	F	0.22	06.1
21	05	64	06.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7	04.0	B	20.84	B	10.56		*	F	0.81	06.1
21	05	64	06.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7	06.0	B	20.12	B	14.08		*	F	0.47	06.1
21	05	64	06.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7	08.0	B	20.00	B	14.20		*	F	0.35	06.1
21	05	64	06.0	HO	0001	37	02.3	76	32.0	10		2		*6	07	0.7	10.0	B	19.88	B	14.00		*	F	0.27	06.1
21	05	64	09.0	HO	0001	37	02.3	76	32.0	9		4	19	4	*	1.0	00.0	B	21.16	B	9.84	E	18	D	0.09	09.2
21	05	64	09.0	HO	0001	37	02.3	76	32.0	9		4	19	4	*	1.0	02.0	B	21.04	B	10.16	E	18	F	0.22	09.3
21	05	64	09.0	HO	0001	37	02.3	76	32.0	9		4	19	4	*	1.0	04.0	B	20.84	B	10.52	E	18	F	0.00	09.3
21	05	64	09.0	HO	0001	37	02.3	76	32.0	9		4	19	4	*	1.0	05.0	B	20.44	B	13.56	E	18	F	0.00	09.4
21	05	64	09.0	HO	0001	37	02.3	76	32.0	9		4	19	4	*	1.0	06.0	B	20.24	B	13.92	E	18	F	0.31	09.4
21	05	64	09.0	HO	0001	37	02.3	76	32.0	9		4	19	4	*	1.0	08.0	B	20.16	B	13.72	E	18	F	0.35	09.4
21	05	64	09.0	HO	0001	37	02.3	76	32.0	9		4	19	4	*	1.0	10.0	B	20.16	B	14.28		*		*	*
21	05	64	09.5	HO	0001	37	02.3	76	32.0	9		4			*		00.0	B	20.80	B	9.64		*		*	*
21	05	64	09.5	HO	0001	37	02.3	76	32.0	9		4			*		02.0	B	20.72	B	9.88		*	F	0.16	*
21	05	64	09.5	HO	0001	37	02.3	76	32.0	9		4			*		04.0	B	20.20	B	13.68		*		*	*
21	05	64	09.5	HO	0001	37	02.3	76	32.0	9		4			*		05.0	B	20.08	B	14.00		*		*	*
21	05	64	09.5	HO	0001	37	02.3	76	32.0	9		4			*		06.0	B	20.04	B	14.08		*		*	*
21	05	64	09.5	HO	0001	37	02.3	76	32.0	9		4			*		08.0	B	20.08	B	14.24		*		*	*
21	05	64	10.0	HO	0001	37	02.3	76	32.0	9		*	20	4	02		00.0	B	20.88	B	9.68	E	16	D	0.42	*
21	05	64	10.0	HO	0001	37	02.3	76	32.0	9		*	20	4	02		02.0	B	20.96	B	9.32	E	16	F	0.50	10.5
21	05	64	10.0	HO	0001	37	02.3	76	32.0	9		*	20	4	02		04.0	B	20.80	B	10.40	E	16	F	0.35	*
21	05	64	10.0	HO	0001	37	02.3	76	32.0	9		*	20	4	02		05.0	B	20.36	B	13.52		*		*	*
21	05	64	10.0	HO	0001	37	02.3	76	32.0	9		*	20	4	02		06.0	B	20.24	B	13.88	E	16	F	0.52	*
21	05	64	10.0	HO	0001	37	02.3	76	32.0	9		*	20	4	02		08.0	B	20.24	B	13.96	E	16	F	0.31	*
21	05	64	11.0	HO	0001	37	02.3	76	32.0	9		6	20	4	05		00.0	B	21.44	B	8.96		*	D	0.41	*
21	05	64	11.0	HO	0001	37	02.3	76	32.0	9		6	20	4	05		02.0	B	21.08	B	9.92	E	16	F	0.72	11.2
21	05	64	11.0	HO	0001	37	02.3	76	32.0	9		6	20	4	05		04.0	B	20.88	B	10.16	E	16	F	0.50	11.2
21	05	64	11.0	HO	0001	37	02.3	76	32.0	9		6	20	4	05		05.0	B	20.72	B	10.48		*		*	*
21	05	64	11.0	HO	0001	37	02.3	76	32.0	9		6	20	4	05		06.0	B	20.32	B	13.64	E	16	F	0.44	11.3
21	05	64	11.0	HO	0001	37	02.3	76	32.0	9		6	20	4	05		08.0	B	20.16	B	13.96	E	16		0.52	11.3
21	05	64	11.5	HO	0001	37	02.3	76	32.0	9		*			*		00.0	B	21.24	B	9.00	E	16	D	0.39	*
21	05	64	11.5	HO	0001	37	02.3	76	32.0	9		*			*		02.0	B	21.12	B	9.24	E	16	F	0.57	*
21	05	64	11.5	HO	0001	37	02.3	76	32.0	9		*			*		04.0	B	20.88	B	10.12		*	F	0.77	*
21	05	64	11.5	HO	0001	37	02.3	76	32.0	9		*			*		05.0	B	20.44	B	12.72		*		*	*
21	05	64	11.5	HO	0001	37	02.3	76	32.0	9		*			*		06.0	B	20.16	B	13.68		*	F	0.57	*
21	05	64	11.5	HO	0001	37	02.3	76	32.0	9		*			*		08.0	B	20.12	B	13.92		*	F	0.38	*
21	05	64	12.0	HO	0001	37	02.3	76	32.0	*9		*	21	24	07		00.0	B	21.36	B	9.12	E	16	D	0.42	12.3
21	05	64	12.0	HO	0001	37	02.3	76	32.0	*9		*	21	24	07		02.0	B	21.24	B	8.80	E	16	F	0.83	12.2
21	05	64	12.0	HO	0001	37	02.3	76	32.0	*9		*	21	24	07		04.0	B	20.96	B	9.52	E	16	F	0.59	12.2
21	05	64	12.0	HO	0001	37	02.3	76	32.0	*9		*	21	24	07		05.0	B	20.72	B	11.32		*		*	*
21	05	64	12.0	HO	0001	37	02.3	76	32.0	*9		*	21	24	07		06.0	B	20.32	B	12.60	E	16	F	0.55	12.2
21	05	64	12.0	HO	0001	37	02.3	76	32.0	*9		*	21	24	07		08.0	B	20.16	B	13.56	E	16	F	0.35	12.2
21	05	64	12.5	HO	0001	37	02.3	76	32.0	9		*			*	1.0	00.0	B	21.92	B	8.28	E	16	D	0.38	12.7
21	05	64	12.5	HO	0001	37	02.3	76	32.0	9		*			*	1.0	02.0	B	21.68	B	8.48	E	16	F	0.67	12.6
21	05	64	12.5	HO	0001	37	02.3	76	32.0	9		*			*	1.0	04.0	B	21.28	B	8.76	E	16	F	0.44	12.6
21	05	64	12.5	HO	0001	37	02.3	76	32.0	9		*			*	1.0	05.0	B	20.60	B	10.72		*		*	*
21	05	64	12.5	HO	0001	37	02.3	76	32.0	9		*			*	1.0	06.0	B	20.56	B	11.80	E	16	F	0.50	12.7
21	05	64	12.5	HO	0001	37	02.3	76	32.0	9		*			*	1.0	08.0	B	20.40	B	12.80	E	16	F	0.38	12.7
21	05	64	13.0	HO	0001	37	02.3	76	32.0	9		*			*		00.0	B	5.14	B	8.48	E	16	D	0.44	13.2
21	05	64	13.0	HO	0001	37	02.3	76	32.0	9		*			*		02.0	B	5.24	B	8.72	E	16	F	0.55	13.1
21	05	64	13.0	HO	0001	37	02.3	76	32.0	9		*			*		04.0	B	5.28	B	9.40	E	16	F	0.63	13.1
21	05	64	13.0	HO	0001	37	02.3	76	32.0	9		*			*		05.0	B	5.36	B	9.92		*		*	*
21	05	64	13.0	HO	0001	37	02.3	76	32.0	9		*			*		06.0	B	5.46	B	10.52	E	16	F	0.38	13.2
21	05	64	13.0	HO	0001	37	02.3	76	32.0	9		*			*		08.0	B	5.55	B	12.68	E	16	F	0.42	13.2
21	05	64	13.5	HO	0001	37	02.3	76	32.0	9		*	20		*		00.0	B	23.00	B	8.20	E	11	D	0.14	13.9
21	05	64	13.5	HO	0001	37	02.3	76	32.0	9		*	20		*		02.0	B	21.96	B	8.84	E	11	F	0.35	13.7
21	05	64	13.5	HO	0001	37	02.3	76	32.0	9		*	20		*		04.0	B	20.96	B	9.08	E	11	F	0.61	*
21	05	64	13.5	HO	0001	37	02.3	76	32.0	9		*	20		*		05.0	B	21.00	B	9.96		*		*	*
21	05	64	13.5	HO	0001	37	02.3	76	32.0	9		*	20		*		06.0	B	20.80	B	10.80	E	11	F	0.38	*
21	05	64	13.5	HO	0001	37	02.3	76	32.0	9		*	20		*		08.0	B	20.44	B	13.00	E	11	F	0.31	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
21	05	64	14.0	HO	0001	37	02.3	76	32.0	*9	*	29	21	05		00.0	B	22.36	B	8.56		*		*	*
21	05	64	14.0	HO	0001	37	02.3	76	32.0	*9	*	29	21	05		02.0	B	22.24	B	8.56		*		*	*
21	05	64	14.0	HO	0001	37	02.3	76	32.0	*9	*	29	21	05		04.0	B	22.00	B	8.84		*		*	*
21	05	64	14.0	HO	0001	37	02.3	76	32.0	*9	*	29	21	05		05.0	B	21.44	B	9.40		*		*	*
21	05	64	14.5	HO	0001	37	02.3	76	32.0	*9	*	20	14	*		00.0	B	22.84	B	7.04	E	00	D	0.00	14.5
21	05	64	14.5	HO	0001	37	02.3	76	32.0	*9	*	20	14	*		02.0	B	21.96	B	8.60	E	00	F	0.00	*
21	05	64	14.5	HO	0001	37	02.3	76	32.0	*9	*	20	14	*		04.0	B	21.48	B	9.28	E	00	F	0.00	*
21	05	64	14.5	HO	0001	37	02.3	76	32.0	*9	*	20	14	*		05.0	B	21.08	B	9.60		*		*	*
21	05	64	14.5	HO	0001	37	02.3	76	32.0	*9	*	20	14	*		06.0	B	21.04	B	9.88	E	00	F	0.00	*
21	05	64	14.5	HO	0001	37	02.3	76	32.0	*9	*	20	14	*		08.0	B	20.20	B	13.00	E	00	F	0.00	14.7
21	05	64	15.0	HO	0001	37	02.3	76	32.0	*9	*	20	14	06	0.5	00.0	B	21.96	B	8.28	E	00	D	0.00	15.0
21	05	64	15.0	HO	0001	37	02.3	76	32.0	*9	*	20	14	06	0.5	02.0	B	21.84	B	8.28		*		*	*
21	05	64	15.0	HO	0001	37	02.3	76	32.0	*9	*	20	14	06	0.5	04.0	B	21.28	B	9.28		*		*	*
21	05	64	15.0	HO	0001	37	02.3	76	32.0	*9	*	20	14	06	0.5	05.0	B	21.08	B	9.76		*		*	*
21	05	64	15.0	HO	0001	37	02.3	76	32.0	*9	*	20	14	06	0.5	06.0	B	21.08	B	10.20		*		*	*
21	05	64	15.0	HO	0001	37	02.3	76	32.0	*9	*	20	14	06	0.5	08.0	B	20.44	B	12.68	E	00	F	0.00	15.1
21	05	64	15.5	HO	0001	37	02.3	76	32.0	9	*			*		00.0	B	21.80	B	8.68	E	27	D	0.17	15.5
21	05	64	15.5	HO	0001	37	02.3	76	32.0	9	*			*		02.0	B	21.40	B	9.20	E	27	F	0.38	*
21	05	64	15.5	HO	0001	37	02.3	76	32.0	9	*			*		04.0	B	21.08	B	9.56	E	27	F	0.50	*
21	05	64	15.5	HO	0001	37	02.3	76	32.0	9	*			*		05.0	B	20.84	B	10.12		*		*	*
21	05	64	15.5	HO	0001	37	02.3	76	32.0	9	*			*		06.0	B	20.44	B	12.36	E	27	F	0.61	*
21	05	64	15.5	HO	0001	37	02.3	76	32.0	9	*			*		08.0	B	20.20	B	12.76	E	27	F	0.44	15.8
21	05	64	16.0	HO	0001	37	02.3	76	32.0	9	*	19	9	04	0.3	00.0	B	22.00	B	7.28	E	27	D	0.17	16.0
21	05	64	16.0	HO	0001	37	02.3	76	32.0	9	*	19	9	04	0.3	02.0	B	21.24	B	9.12	E	27	F	0.31	*
21	05	64	16.0	HO	0001	37	02.3	76	32.0	9	*	19	9	04	0.3	04.0	B	20.84	B	10.36	E	27	F	0.42	*
21	05	64	16.0	HO	0001	37	02.3	76	32.0	9	*	19	9	04	0.3	05.0	B	20.60	B	11.80		*		*	*
21	05	64	16.0	HO	0001	37	02.3	76	32.0	9	*	19	9	04	0.3	06.0	B	20.36	B	12.44	E	27	F	0.52	*
21	05	64	16.0	HO	0001	37	02.3	76	32.0	9	*	19	9	04	0.3	08.0	B	20.32	B	13.20	E	27	F	0.55	16.2
21	05	64	16.5	HO	0001	37	02.3	76	32.0	9	*	19		*		00.0	B	21.56	B	8.48	E	27	D	0.18	*
21	05	64	16.5	HO	0001	37	02.3	76	32.0	9	*	19		*		02.0	B	21.52	B	8.64	E	27	F	0.47	16.6
21	05	64	16.5	HO	0001	37	02.3	76	32.0	9	*	19		*		04.0	B	20.68	B	10.84	E	27	F	0.59	*
21	05	64	16.5	HO	0001	37	02.3	76	32.0	9	*	19		*		05.0	B	20.60	B	11.52		*		*	*
21	05	64	16.5	HO	0001	37	02.3	76	32.0	9	*	19		*		06.0	B	20.36	B	12.52	E	27	F	0.50	*
21	05	64	16.5	HO	0001	37	02.3	76	32.0	9	*	19		*		08.0	B	20.32	B	13.32	E	27	F	0.44	16.7
21	05	64	17.0	HO	0001	37	02.3	76	32.0	*9	*	29	21	06	0.7	00.0	B	21.80	B	7.80	E	24	D	0.30	*
21	05	64	17.0	HO	0001	37	02.3	76	32.0	*9	*	29	21	06	0.7	02.0	B	20.92	B	10.12	E	24	F	0.61	17.2
21	05	64	17.0	HO	0001	37	02.3	76	32.0	*9	*	29	21	06	0.7	04.0	B	20.32	B	13.32	E	24	F	0.75	*
21	05	64	17.0	HO	0001	37	02.3	76	32.0	*9	*	29	21	06	0.7	05.0	B	20.28	B	13.56		*		*	*
21	05	64	17.0	HO	0001	37	02.3	76	32.0	*9	*	29	21	06	0.7	06.0					E	23	F	0.44	*
21	05	64	17.0	HO	0001	37	02.3	76	32.0	*9	*	29	21	06	0.7	08.0					E	23	F	0.44	17.3
21	05	64	17.5	HO	0001	37	02.3	76	32.0	9	*		9	02		00.0					E	24	D	0.34	*
21	05	64	17.5	HO	0001	37	02.3	76	32.0	9	*		9	02		02.0					E	24	F	0.74	17.5
21	05	64	17.5	HO	0001	37	02.3	76	32.0	9	*		9	02		04.0					E	24	F	0.55	*
21	05	64	17.5	HO	0001	37	02.3	76	32.0	9	*		9	02		06.0					E	24	F	0.55	*
21	05	64	17.5	HO	0001	37	02.3	76	32.0	9	*		9	02		08.0					E	24	F	0.55	17.6
21	05	64	18.0	HO	0001	37	02.3	76	32.0	9	*	18	9	01	0.7	00.0			R	9.99	E	28	D	0.76	18.0
21	05	64	18.0	HO	0001	37	02.3	76	32.0	9	*	18	9	01	0.7	02.0					E	28	F	0.75	*
21	05	64	18.0	HO	0001	37	02.3	76	32.0	9	*	18	9	01	0.7	04.0					E	27	F	0.50	*
21	05	64	18.0	HO	0001	37	02.3	76	32.0	9	*	18	9	01	0.7	06.0					E	25	F	0.55	*
21	05	64	18.0	HO	0001	37	02.3	76	32.0	9	*	18	9	01	0.7	08.0			R	15.13	E	24	F	0.55	18.2
21	05	64	18.5	HO	0001	37	02.3	76	32.0	9	*			*		00.0					E	30	D	0.51	*
21	05	64	18.5	HO	0001	37	02.3	76	32.0	9	*			*		02.0					E	30	F	0.74	18.5
21	05	64	18.5	HO	0001	37	02.3	76	32.0	9	*			*		04.0					E	29	F	0.44	*
21	05	64	18.5	HO	0001	37	02.3	76	32.0	9	*			*		06.0					E	28	F	0.44	*
21	05	64	18.5	HO	0001	37	02.3	76	32.0	9	*			*		08.0					E	26	F	0.47	18.7

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC	
21	05	64	19.0	HO	0001	37	02.3	76	32.0	*9	*	27	20	05	0.8	00.0			R	13.58	E	30	D	0.44	*
21	05	64	19.0	HO	0001	37	02.3	76	32.0	*9	*	27	20	05	0.8	02.0					E	30	F	0.52	19.0
21	05	64	19.0	HO	0001	37	02.3	76	32.0	*9	*	27	20	05	0.8	04.0					E	30	F	0.55	*
21	05	64	19.0	HO	0001	37	02.3	76	32.0	*9	*	27	20	05	0.8	06.0					E	28	F	0.42	*
21	05	64	19.0	HO	0001	37	02.3	76	32.0	*9	*	27	20	05	0.8	08.0					E	27	F	0.27	19.1
21	05	64	20.0	HO	0001	37	02.3	76	32.0	*9	*	17	18	04		00.0	B	21.08	B	11.00	D	13	D	0.25	20.2
21	05	64	20.0	HO	0001	37	02.3	76	32.0	*9	*	17	18	04		02.0	B	21.12	B	11.48	F	02	F	0.32	20.4
21	05	64	20.0	HO	0001	37	02.3	76	32.0	*9	*	17	18	04		04.0	B	20.96	B	11.72		*	F	0.30	20.4
21	05	64	20.0	HO	0001	37	02.3	76	32.0	*9	*	17	18	04		05.0	B	21.04	B	12.32		*		*	*
21	05	64	20.0	HO	0001	37	02.3	76	32.0	*9	*	17	18	04		06.0	B	20.32	B	14.36		*	F	0.47	20.4
21	05	64	20.0	HO	0001	37	02.3	76	32.0	*9	*	17	18	04		08.0	B	20.24	B	14.72		*	F	0.45	20.5
21	05	64	21.0	HO	0001	37	02.3	76	32.0	*9	4	25	19	04		00.0	B	21.12	B	8.88	D	14	D	0.00	21.3
21	05	64	21.0	HO	0001	37	02.3	76	32.0	*9	4	25	19	04		02.0	B	21.00	B	11.48		*	F	0.09	21.0
21	05	64	21.0	HO	0001	37	02.3	76	32.0	*9	4	25	19	04		04.0	B	20.40	B	13.96		*	F	0.22	21.1
21	05	64	21.0	HO	0001	37	02.3	76	32.0	*9	4	25	19	04		05.0	B	20.08	B	14.80		*		*	*
21	05	64	21.0	HO	0001	37	02.3	76	32.0	*9	4	25	19	04		06.0	B	20.08	B	15.12		*	F	0.22	21.1
21	05	64	21.0	HO	0001	37	02.3	76	32.0	*9	4	25	19	04		08.0	B	20.00	B	15.12		*	F	0.22	21.2
22	05	64	01.1	HO	0001	37	02.3	76	32.0	9	*	17		04		00.0	B	20.68	B	8.72	D	18	D	0.68	01.4
22	05	64	01.1	HO	0001	37	02.3	76	32.0	9	*	17		04		02.0	B	20.88	B	9.20		*	F	0.70	01.4
22	05	64	01.1	HO	0001	37	02.3	76	32.0	9	*	17		04		04.0	B	21.00	B	9.80		*	F	0.74	01.5
22	05	64	01.1	HO	0001	37	02.3	76	32.0	9	*	17		04		06.0	B	20.88	B	10.80		*	F	0.38	01.5
22	05	64	01.1	HO	0001	37	02.3	76	32.0	9	*	17		04		08.0	B	20.56	B	12.00		*	F	0.27	01.5
22	05	64	02.0	HO	0001	37	02.3	76	32.0	*9	*	17	14	04		00.0	B	20.80	B	8.24		*		*	*
22	05	64	02.0	HO	0001	37	02.3	76	32.0	*9	*	17	14	04		02.0	B	20.56	B	9.24		*		*	*
22	05	64	02.0	HO	0001	37	02.3	76	32.0	*9	*	17	14	04		04.0	B	20.92	B	10.48		*	F	0.16	*
22	05	64	02.0	HO	0001	37	02.3	76	32.0	*9	*	17	14	04		05.0	B	20.72	B	11.44		*		*	*
22	05	64	02.0	HO	0001	37	02.3	76	32.0	*9	*	17	14	04		06.0	B	20.88	B	11.84		*		*	*
22	05	64	02.0	HO	0001	37	02.3	76	32.0	*9	*	17	14	04		08.0	B	20.68	B	11.84		*		*	*
22	05	64	02.5	HO	0001	37	02.3	76	32.0	9	*			*		00.0						*	D	0.20	*
22	05	64	03.0	HO	0001	37	02.3	76	32.0	*8	5	17	15	04		00.0	B	20.76	B	8.24		*		*	*
22	05	64	03.0	HO	0001	37	02.3	76	32.0	*8	5	17	15	04		02.0	B	20.96	B	9.48		*	F	0.15	03.1
22	05	64	03.0	HO	0001	37	02.3	76	32.0	*8	5	17	15	04		04.0	B	21.12	B	11.64		*	F	0.15	*
22	05	64	03.0	HO	0001	37	02.3	76	32.0	*8	5	17	15	04		05.0	B	20.84	B	11.08		*	F	0.15	*
22	05	64	03.0	HO	0001	37	02.3	76	32.0	*8	5	17	15	04		06.0	B	20.80	B	11.40		*	F	0.15	03.1
22	05	64	03.0	HO	0001	37	02.3	76	32.0	*8	5	17	15	04		08.0	B	20.68	B	12.28		*		*	*
22	05	64	03.5	HO	0001	37	02.3	76	32.0	9	8			*		00.0	B	20.48	B	8.84		*		*	*
22	05	64	03.5	HO	0001	37	02.3	76	32.0	9	8			*		02.0	B	21.12	B	10.48		*	F	0.00	03.6
22	05	64	03.5	HO	0001	37	02.3	76	32.0	9	8			*		04.0	B	21.08	B	11.04		*		*	*
22	05	64	03.5	HO	0001	37	02.3	76	32.0	9	8			*		05.0	B	20.76	B	11.08		*		*	*
22	05	64	03.5	HO	0001	37	02.3	76	32.0	9	8			*		06.0	B	20.96	B	11.16		*		*	*
22	05	64	03.5	HO	0001	37	02.3	76	32.0	9	8			*		08.0	B	21.12	B	11.12		*	F	0.35	03.6
22	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*	16	15	04	0.3	00.0	B	20.04	B	8.76	D	03	D	0.29	*
22	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*	16	15	04	0.3	02.0	B	20.20	B	9.36		*	F	0.00	04.3
22	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*	16	15	04	0.3	04.0	B	20.40	B	10.56		*	F	0.24	*
22	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*	16	15	04	0.3	05.0	B	20.76	B	11.04		*		*	*
22	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*	16	15	04	0.3	06.0	B	20.84	B	11.72		*	F	0.34	*
22	05	64	04.0	HO	0001	37	02.3	76	32.0	*8	*	16	15	04	0.3	08.0	B	20.40	B	13.72		*	F	0.32	04.4
22	05	64	04.5	HO	0001	37	02.3	76	32.0	9	1			*		00.0	B	20.40	B	7.24		*		*	*
22	05	64	04.5	HO	0001	37	02.3	76	32.0	9	1			*		02.0	B	20.88	B	9.92	E	34	F	0.22	05.6
22	05	64	04.5	HO	0001	37	02.3	76	32.0	9	1			*		04.0	B	20.96	B	10.72		*	F	0.26	*
22	05	64	04.5	HO	0001	37	02.3	76	32.0	9	1			*		05.0	B	22.24	B	11.00		*		*	*
22	05	64	04.5	HO	0001	37	02.3	76	32.0	9	1			*		06.0	B	20.72	B	12.84		*	F	0.34	*
22	05	64	04.5	HO	0001	37	02.3	76	32.0	9	1			*		08.0	B	20.52	B	13.68		*	F	0.32	05.7
22	05	64	05.0	HO	0001	37	02.3	76	32.0	*9	1	14	16	03	0.3	00.0	B	20.08	B	7.20	D	33	D	0.28	05.2
22	05	64	05.0	HO	0001	37	02.3	76	32.0	*9	1	14	16	03	0.3	02.0	B	20.60	B	9.20		*	F	0.24	05.1
22	05	64	05.0	HO	0001	37	02.3	76	32.0	*9	1	14	16	03	0.3	04.0	B	20.84	B	10.48		*	F	0.37	*
22	05	64	05.0	HO	0001	37	02.3	76	32.0	*9	1	14	16	03	0.3	05.0	B	20.64	B	11.60		*		*	*
22	05	64	05.0	HO	0001	37	02.3	76	32.0	*9	1	14	16	03	0.3	06.0	B	20.56	B	12.40		*	F	0.46	*
22	05	64	05.0	HO	0001	37	02.3	76	32.0	*9	1	14	16	03	0.3	08.0	B	20.24	B	14.24		*	F	0.37	05.2

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
22	05	64	05.5	HO	0001	37	02.3	76	32.0	9		*			*	0.3		00.0	B	20.04	B	6.80	D	33	D	0.38	05.7		
22	05	64	05.5	HO	0001	37	02.3	76	32.0	9		*			*	0.3		02.0	B	20.76	B	9.76		*	F	0.32	05.6		
22	05	64	05.5	HO	0001	37	02.3	76	32.0	9		*			*	0.3		04.0	B	20.72	B	10.44		*	F	0.57	*		
22	05	64	05.5	HO	0001	37	02.3	76	32.0	9		*			*	0.3		05.0	B	20.60	B	11.68		*	F	0.37	*		
22	05	64	05.5	HO	0001	37	02.3	76	32.0	9		*			*	0.3		06.0	B	20.40	B	14.00		*		*	*		
22	05	64	05.5	HO	0001	37	02.3	76	32.0	9		*			*	0.3		08.0	B	20.32	B	14.12		*	F	0.34	05.6		
22	05	64	06.0	HO	0001	37	02.3	76	32.0	*9		2	14	16	04	0.7		00.0	B	19.92	B	8.36	E	33	D	0.38	06.1		
22	05	64	06.0	HO	0001	37	02.3	76	32.0	*9		2	14	16	04	0.7		02.0	B	20.52	B	9.40	E	33	F	0.34	06.0		
22	05	64	06.0	HO	0001	37	02.3	76	32.0	*9		2	14	16	04	0.7		04.0	B	20.68	B	10.96	E	33	F	0.59	*		
22	05	64	06.0	HO	0001	37	02.3	76	32.0	*9		2	14	16	04	0.7		05.0	B	20.72	B	12.20		*		*	*		
22	05	64	06.0	HO	0001	37	02.3	76	32.0	*9		2	14	16	04	0.7		06.0	B	20.40	B	13.88	E	32	F	0.42	*		
22	05	64	06.0	HO	0001	37	02.3	76	32.0	*9		2	14	16	04	0.7		08.0	B	20.28	B	14.12	E	32	F	0.34	06.1		
22	05	64	06.5	HO	0001	37	02.3	76	32.0	9		*			*			00.0	B	20.36	B	8.28		*		*	*		
22	05	64	06.5	HO	0001	37	02.3	76	32.0	9		*			*			02.0	B	20.68	B	9.08		*	F	0.57	06.6		
22	05	64	06.5	HO	0001	37	02.3	76	32.0	9		*			*			04.0	B	20.36	B	9.24		*	F	0.75	*		
22	05	64	06.5	HO	0001	37	02.3	76	32.0	9		*			*			05.0	B	20.32	B	9.36		*		*	*		
22	05	64	06.5	HO	0001	37	02.3	76	32.0	9		*			*			06.0	B	20.52	B	9.72		*		*	*		
22	05	64	08.2	HO	0001	37	02.3	76	32.0	10		*	22	20	02			00.0	B	20.60	B	9.76	D	00	D	0.00	*		
22	05	64	08.2	HO	0001	37	02.3	76	32.0	10		*	22	20	02			02.0	B	20.56	B	10.24	F	00	F	0.00	*		
22	05	64	08.2	HO	0001	37	02.3	76	32.0	10		*	22	20	02			04.0	B	20.64	B	11.80	F	00	F	0.00	*		
22	05	64	08.2	HO	0001	37	02.3	76	32.0	10		*	22	20	02			05.0	B	20.56	B	13.45	F	00	F	0.00	*		
22	05	64	08.2	HO	0001	37	02.3	76	32.0	10		*	22	20	02			06.0	B	20.40	B	13.80	F	00	F	0.00	*		
22	05	64	08.2	HO	0001	37	02.3	76	32.0	10		*	22	20	02			08.0	B	20.32	B	14.36	F	00	F	0.00	*		
22	05	64	08.2	HO	0001	37	02.3	76	32.0	10		*	22	20	02			10.0	B	20.20	B	14.44	F	00	F	0.00	*		
22	05	64	09.0	HO	0001	37	02.3	76	32.0	10		*	24	22	*	0.9		00.0	B	20.84	A	9.97	D	00	D	0.00	09.0		
22	05	64	09.0	HO	0001	37	02.3	76	32.0	10		*	24	22	*	0.9		02.0	B	20.68	B	10.00	F	08	F	0.14	09.5		
22	05	64	09.0	HO	0001	37	02.3	76	32.0	10		*	24	22	*	0.9		04.0	B	20.72	B	11.04	F	00	F	0.00	09.5		
22	05	64	09.0	HO	0001	37	02.3	76	32.0	10		*	24	22	*	0.9		05.0	B	20.68	B	11.92	F	00	F	0.00	09.5		
22	05	64	09.0	HO	0001	37	02.3	76	32.0	10		*	24	22	*	0.9		06.0	B	20.52	B	13.88	F	08	F	0.14	09.6		
22	05	64	09.0	HO	0001	37	02.3	76	32.0	10		*	24	22	*	0.9		08.0	B	20.40	B	14.08	F	08	F	0.17	09.6		
22	05	64	09.0	HO	0001	37	02.3	76	32.0	10		*	24	22	*	0.9		10.0	B	20.32	B	14.40		*		*	*		
22	05	64	10.0	HO	0001	37	02.3	76	32.0	10		*	26	25	07	0.8		00.0	B	21.20	A	10.11	D	08	D	0.25	10.2		
22	05	64	10.0	HO	0001	37	02.3	76	32.0	10		*	26	25	07	0.8		02.0	B	21.12	B	10.16	F	08	F	0.41	10.2		
22	05	64	10.0	HO	0001	37	02.3	76	32.0	10		*	26	25	07	0.8		04.0	B	20.92	B	10.16	F	08	F	0.37	10.3		
22	05	64	10.0	HO	0001	37	02.3	76	32.0	10		*	26	25	07	0.8		05.0	B	20.72	B	11.60	F	00	F	0.00	10.3		
22	05	64	10.0	HO	0001	37	02.3	76	32.0	10		*	26	25	07	0.8		06.0	B	20.48	B	13.84	F	00	F	0.00	10.4		
22	05	64	10.0	HO	0001	37	02.3	76	32.0	10		*	26	25	07	0.8		08.0	B	20.52	B	14.08	F	00	F	0.00	10.4		
22	05	64	10.0	HO	0001	37	02.3	76	32.0	10		*	26	25	07	0.8		10.0	B	20.48	B	14.36	F	08	F	0.28	10.5		
22	05	64	10.7	HO	0001	37	02.3	76	32.0	8		*			*			00.0					D	08	D	0.36	10.7		
22	05	64	10.7	HO	0001	37	02.3	76	32.0	8		*			*			02.0					F	08	F	0.50	10.7		
22	05	64	10.7	HO	0001	37	02.3	76	32.0	8		*			*			04.0					F	08	F	0.50	10.8		
22	05	64	10.7	HO	0001	37	02.3	76	32.0	8		*			*			05.0					F	08	F	0.31	10.8		
22	05	64	10.7	HO	0001	37	02.3	76	32.0	8		*			*			06.0					F	08	F	0.22	10.8		
22	05	64	10.7	HO	0001	37	02.3	76	32.0	8		*			*			08.0					F	08	F	0.15	10.9		
22	05	64	11.0	HO	0001	37	02.3	76	32.0	10		*	28	25	07	0.8		00.0	B	21.92	B	8.05	D	08	D	0.56	11.2		
22	05	64	11.0	HO	0001	37	02.3	76	32.0	10		*	28	25	07	0.8		02.0	B	21.32	B	9.24	F	08	F	0.50	11.2		
22	05	64	11.0	HO	0001	37	02.3	76	32.0	10		*	28	25	07	0.8		04.0	B	20.84	B	9.80	F	08	F	0.57	11.3		
22	05	64	11.0	HO	0001	37	02.3	76	32.0	10		*	28	25	07	0.8		05.0	B	21.08	B	11.64	F	08	F	0.35	11.3		
22	05	64	11.0	HO	0001	37	02.3	76	32.0	10		*	28	25	07	0.8		06.0	B	21.00	B	13.08	F	08	F	0.27	11.3		
22	05	64	11.0	HO	0001	37	02.3	76	32.0	10		*	28	25	07	0.8		08.0	B	20.80	B	13.96	F	08	F	0.22	11.3		
22	05	64	11.0	HO	0001	37	02.3	76	32.0	10		*	28	25	07	0.8		10.0	B	20.60	B	14.12		*		*	*		
22	05	64	11.7	HO	0001	37	02.3	76	32.0	8		*			*			00.0					D	08	D	0.56	11.7		
22	05	64	11.7	HO	0001	37	02.3	76	32.0	8		*			*			02.0					F	08	F	0.61	11.7		
22	05	64	11.7	HO	0001	37	02.3	76	32.0	8		*			*			04.0					F	08	F	0.50	11.8		
22	05	64	11.7	HO	0001	37	02.3	76	32.0	8		*			*			05.0					F	08	F	0.44	11.8		
22	05	64	11.7	HO	0001	37	02.3	76	32.0	8		*			*			06.0					F	08	F	0.31	11.8		
22	05	64	11.7	HO	0001	37	02.3	76	32.0	8		*			*			08.0					F	08	F	0.35	11.9		
22	05	64	12.0	HO	0001	37	02.3	76	32.0	10		*		*	10	0.7		00.0	B	21.64	A	8.42	D	08	D	0.56	12.2		
22	05	64	12.0	HO	0001	37	02.3	76	32.0	10		*		*	10	0.7		02.0	B	21.28	B	9.00	F	08	F	0.61	12.3		
22	05	64	12.0	HO	0001	37	02.3	76	32.0	10		*		*	10	0.7		04.0	B	21.20	B	9.24	F	08	F	0.63	12.3		
22	05	64	12.0	HO	0001	37	02.3	76	32.0	10		*		*	10	0.7		05.0	B	21.12	B	10.32	F	08	F	0.61	12.2		
22	05	64	12.0	HO	0001	37	02.3	76	32.0	10		*		*	10	0.7		06.0	B	20.88	B	12.72	F	08	F	0.44	12.2		
22	05	64	12.0	HO	0001	37	02.3	76	32.0	10		*		*	10	0.7		08.0	B	20.60	B	13.80	F	08	F	0.27	12.2		
22	05	64	12.0	HO	0001	37	02.3	76	32.0	10		*		*	10	0.7		10.0	B	20.80	B	13.92		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
22	05	64	12.7	HO	0001	37	02.3	76	32.0	8	*			*		00.0					D	08	D	0.74	12.7
22	05	64	12.7	HO	0001	37	02.3	76	32.0	8	*			*		02.0						*	F	0.67	12.7
22	05	64	12.7	HO	0001	37	02.3	76	32.0	8	*			*		04.0						*	F	0.50	12.8
22	05	64	12.7	HO	0001	37	02.3	76	32.0	8	*			*		05.0						*	F	0.35	12.8
22	05	64	12.7	HO	0001	37	02.3	76	32.0	8	*			*		06.0						*	F	0.35	12.8
22	05	64	12.7	HO	0001	37	02.3	76	32.0	8	*			*		08.0						*	F	0.22	12.8
22	05	64	13.0	HO	0001	37	02.3	76	32.0	*9	*		20	10	0.8	02.0						*	F	0.35	*
22	05	64	13.0	HO	0001	37	02.3	76	32.0	*9	*		20	10	0.8	04.0						*	F	0.31	*
22	05	64	13.0	HO	0001	37	02.3	76	32.0	*9	*		20	10	0.8	06.0						*	F	0.27	*
22	05	64	13.0	HO	0001	37	02.3	76	32.0	*9	*		20	10	0.8	08.0						*	F	0.22	*
22	05	64	13.0	HO	0001	37	02.3	76	32.0	10	*		20	10	0.8	00.0	B	22.44	A	8.64	D	08	D	0.74	13.2
22	05	64	13.0	HO	0001	37	02.3	76	32.0	10	*		20	10	0.8	02.0	B	22.00	B	8.96	F	08	F	0.61	13.2
22	05	64	13.0	HO	0001	37	02.3	76	32.0	10	*		20	10	0.8	04.0	B	21.20	B	10.44	F	08	F	0.47	13.2
22	05	64	13.0	HO	0001	37	02.3	76	32.0	10	*		20	10	0.8	05.0	B	21.00	B	11.16	F	08	F	0.38	13.2
22	05	64	13.0	HO	0001	37	02.3	76	32.0	10	*		20	10	0.8	06.0	B	20.84	B	11.76	F	08	F	0.31	13.2
22	05	64	13.0	HO	0001	37	02.3	76	32.0	10	*		20	10	0.8	08.0	B	20.72	B	13.40	F	08	F	0.00	13.2
22	05	64	13.0	HO	0001	37	02.3	76	32.0	10	*		20	10	0.8	10.0	B	20.80	B	13.68		*		*	*
22	05	64	14.0	HO	0001	37	02.3	76	32.0	*9	8	28	20	08	0.8	00.0	B	22.76	B	7.68		*	D	0.00	14.7
22	05	64	14.0	HO	0001	37	02.3	76	32.0	*9	8	28	20	08	0.8	02.0	B	21.52	B	9.48		*	F	0.00	*
22	05	64	14.0	HO	0001	37	02.3	76	32.0	*9	8	28	20	08	0.8	04.0	B	21.52	B	9.72		*	F	0.00	*
22	05	64	14.0	HO	0001	37	02.3	76	32.0	*9	8	28	20	08	0.8	06.0	B	21.04	B	11.08		*	F	0.00	*
22	05	64	14.0	HO	0001	37	02.3	76	32.0	*9	8	28	20	08	0.8	08.0	B	20.88	B	11.36		*	F	0.00	*
22	05	64	15.0	HO	0001	37	02.3	76	32.0	*9	1	27	20	07	0.8	00.0	B	22.92	B	7.08	D	24	D	0.13	15.7
22	05	64	15.0	HO	0001	37	02.3	76	32.0	*9	1	27	20	07	0.8	02.0	B	22.20	B	8.72		*	F	0.25	*
22	05	64	15.0	HO	0001	37	02.3	76	32.0	*9	1	27	20	07	0.8	04.0	B	21.28	B	10.28		*	F	0.36	*
22	05	64	15.0	HO	0001	37	02.3	76	32.0	*9	1	27	20	07	0.8	06.0	B	21.12	B	10.68		*	F	0.44	*
22	05	64	15.0	HO	0001	37	02.3	76	32.0	*9	1	27	20	07	0.8	08.0	B	20.76	B	11.20		*	F	0.43	*
22	05	64	16.0	HO	0001	37	02.3	76	32.0	*9	1	26	20	07	0.8	00.0	B	22.76	A	7.13	D	24	D	0.14	16.4
22	05	64	16.0	HO	0001	37	02.3	76	32.0	*9	1	26	20	07	0.8	02.0	B	22.04	B	9.08		*	F	0.45	*
22	05	64	16.0	HO	0001	37	02.3	76	32.0	*9	1	26	20	07	0.8	04.0	B	20.92	B	11.16		*	F	0.59	*
22	05	64	16.0	HO	0001	37	02.3	76	32.0	*9	1	26	20	07	0.8	06.0	B	20.72	B	12.76		*	F	0.72	*
22	05	64	16.0	HO	0001	37	02.3	76	32.0	*9	1	26	20	07	0.8	08.0	B	20.64	B	13.64		*	F	0.59	*
22	05	64	17.2	HO	0001	37	02.3	76	32.0	10	1	26	20	07	0.8	00.0	B	23.08	B	7.98	D	24	D	0.43	17.5
22	05	64	17.2	HO	0001	37	02.3	76	32.0	10	1	26	20	07	0.8	02.0	B	22.40	B	6.95		*	F	0.75	*
22	05	64	17.2	HO	0001	37	02.3	76	32.0	10	1	26	20	07	0.8	04.0	B	21.24	B	9.38		*		*	*
22	05	64	17.2	HO	0001	37	02.3	76	32.0	10	1	26	20	07	0.8	06.0	B	20.52	B	12.10		*	F	0.72	*
22	05	64	17.2	HO	0001	37	02.3	76	32.0	10	1	26	20	07	0.8	08.0	B	20.36	B	12.46		*	F	0.55	*
22	05	64	18.0	HO	0001	37	02.3	76	32.0	10	2	26	20	06	0.8	00.0	B	22.24	B	9.07	D	24	D	0.56	18.7
22	05	64	18.0	HO	0001	37	02.3	76	32.0	10	2	26	20	06	0.8	02.0	B	22.16	B	9.44		*	F	0.72	*
22	05	64	18.0	HO	0001	37	02.3	76	32.0	10	2	26	20	06	0.8	04.0	B	21.52	B	10.52		*	F	0.90	*
22	05	64	18.0	HO	0001	37	02.3	76	32.0	10	2	26	20	06	0.8	06.0	B	20.64	B	13.24		*	F	0.81	*
22	05	64	18.0	HO	0001	37	02.3	76	32.0	10	2	26	20	06	0.8	08.0	B	20.48	B	13.68		*	F	0.52	*
22	05	64	18.0	HO	0001	37	02.3	76	32.0	10	2	26	20	06	0.8	10.0	B	20.44	B	13.72		*	F	0.50	*
22	05	64	22.4	HO	0001	37	02.3	76	32.0	9	5			*		00.0	B	21.68	B	9.64	D	15	D	0.38	22.2
22	05	64	22.4	HO	0001	37	02.3	76	32.0	9	5			*		02.0	B	21.44	B	10.96	D	15	F	0.44	22.9
22	05	64	22.4	HO	0001	37	02.3	76	32.0	9	5			*		04.0	B	20.80	B	12.72		*	F	0.35	22.9
22	05	64	22.4	HO	0001	37	02.3	76	32.0	9	5			*		05.0	B	20.64	B	13.56		*	F	0.31	22.9
22	05	64	22.4	HO	0001	37	02.3	76	32.0	9	5			*		06.0	B	20.40	B	13.60		*	F	0.31	22.9
22	05	64	22.4	HO	0001	37	02.3	76	32.0	9	5			*		08.0	B	20.36	B	13.80		*		*	*
22	05	64	22.6	HO	0001	37	02.3	76	32.0	9	*			*		00.0	B	20.68	B	11.00	D	14	D	0.40	22.9
22	05	64	22.6	HO	0001	37	02.3	76	32.0	9	*			*		02.0	B	21.04	B	10.88	F	14	F	0.65	23.3
22	05	64	22.6	HO	0001	37	02.3	76	32.0	9	*			*		04.0	B	21.16	B	11.56		*	F	0.65	23.4
22	05	64	22.6	HO	0001	37	02.3	76	32.0	9	*			*		05.0	B	20.60	B	13.52		*		*	*
22	05	64	22.6	HO	0001	37	02.3	76	32.0	9	*			*		06.0	B	20.56	B	13.80		*	F	0.55	23.4
22	05	64	22.6	HO	0001	37	02.3	76	32.0	9	*			*		08.0	B	20.40	B	14.16		*	F	0.47	23.4
22	05	64	23.3	HO	0001	37	02.3	76	32.0	*9	2	28	25	07		00.0	B	22.00	B	8.88	D	20	D	0.53	23.7
22	05	64	23.3	HO	0001	37	02.3	76	32.0	*9	2	28	25	07		02.0	B	21.92	B	9.00	D	20	F	0.88	23.8
22	05	64	23.3	HO	0001	37	02.3	76	32.0	*9	2	28	25	07		04.0	B	21.16	B	12.80		*	F	0.57	23.9
22	05	64	23.3	HO	0001	37	02.3	76	32.0	*9	2	28	25	07		05.0	B	20.60	B	13.28		*		*	23.9
22	05	64	23.3	HO	0001	37	02.3	76	32.0	*9	2	28	25	07		06.0	B	20.80	B	13.56		*	F	0.52	23.9
22	05	64	23.3	HO	0001	37	02.3	76	32.0	*9	2	28	25	07		08.0	B	20.64	B	13.64		*	F	0.44	23.9

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
22	05	64	23.7	HO	0001	37	02.3	76	32.0	9	*			*		00.0	B	20.72	B	9.16	D	15	D	0.51	23.7
22	05	64	23.7	HO	0001	37	02.3	76	32.0	9	*			*		02.0	B	20.88	B	10.80		*	F	0.81	00.0
22	05	64	23.7	HO	0001	37	02.3	76	32.0	9	*			*		04.0	B	20.88	B	11.36		*	F	0.74	00.1
22	05	64	23.7	HO	0001	37	02.3	76	32.0	9	*			*		05.0	B	20.64	B	12.40		*		*	00.1
22	05	64	23.7	HO	0001	37	02.3	76	32.0	9	*			*		06.0	B	20.44	B	13.44		*	F	0.72	00.2
22	05	64	23.7	HO	0001	37	02.3	76	32.0	9	*			*		08.0	B	20.40	B	13.92		*	F	0.44	*
23	05	64	00.1	HO	0001	37	02.3	76	32.0	*9	*	22	20	05		00.0	B	21.64	B	9.68	D	18	D	0.68	00.4
23	05	64	00.1	HO	0001	37	02.3	76	32.0	*9	*	22	20	05		02.0	B	21.68	B	9.60		*	F	0.83	*
23	05	64	00.1	HO	0001	37	02.3	76	32.0	*9	*	22	20	05		04.0	B	21.48	B	10.92		*	F	0.75	*
23	05	64	00.1	HO	0001	37	02.3	76	32.0	*9	*	22	20	05		05.0	B	21.00	B	12.42		*		*	*
23	05	64	00.1	HO	0001	37	02.3	76	32.0	*9	*	22	20	05		06.0	B	21.00	B	12.42		*	F	0.63	*
23	05	64	00.1	HO	0001	37	02.3	76	32.0	*9	*	22	20	05		07.5	B	20.76	B	13.32		*	F	0.52	*
23	05	64	01.3	HO	0001	37	02.3	76	32.0	10	*	22	20	08		00.0	B	21.52	B	9.12	D	08	D	0.68	01.5
23	05	64	01.3	HO	0001	37	02.3	76	32.0	10	*	22	20	08		02.0	B	21.40	B	9.36	F	08	F	0.90	01.7
23	05	64	01.3	HO	0001	37	02.3	76	32.0	10	*	22	20	08		04.0	B	21.52	B	10.64	F	08	F	0.79	01.7
23	05	64	01.3	HO	0001	37	02.3	76	32.0	10	*	22	20	08		05.0	B	21.16	B	11.28	F	08	F	0.72	01.7
23	05	64	01.3	HO	0001	37	02.3	76	32.0	10	*	22	20	08		06.0	B	21.20	B	12.16	F	08	F	0.67	01.7
23	05	64	01.3	HO	0001	37	02.3	76	32.0	10	*	22	20	08		08.0	B	20.72	B	12.92	F	08	F	0.35	01.7
23	05	64	01.3	HO	0001	37	02.3	76	32.0	10	*	22	20	08		10.0	B	20.88	B	13.08		*		*	*
23	05	64	02.0	HO	0001	37	02.3	76	32.0	10	*		*	*		00.0	B	22.08	A	8.82		*	D	0.52	02.2
23	05	64	02.0	HO	0001	37	02.3	76	32.0	10	*		*	*		02.0	B	21.84	B	8.80		*	F	0.61	02.3
23	05	64	02.0	HO	0001	37	02.3	76	32.0	10	*		*	*		04.0	B	21.76	B	9.32		*	F	0.61	02.3
23	05	64	02.0	HO	0001	37	02.3	76	32.0	10	*		*	*		05.0	B	21.44	B	9.92		*	F	0.42	02.3
23	05	64	02.0	HO	0001	37	02.3	76	32.0	10	*		*	*		06.0	B	21.32	B	11.20		*	F	0.35	02.3
23	05	64	02.0	HO	0001	37	02.3	76	32.0	10	*		*	*		08.0	B	20.84	B	12.28		*	F	0.00	02.4
23	05	64	02.0	HO	0001	37	02.3	76	32.0	10	*		*	*		10.0	B	20.60	B	12.72		*		*	*
23	05	64	02.7	HO	0001	37	02.3	76	32.0	8	*			*		00.0						*	D	0.44	02.7
23	05	64	02.7	HO	0001	37	02.3	76	32.0	8	*			*		02.0						*	F	0.69	02.7
23	05	64	02.7	HO	0001	37	02.3	76	32.0	8	*			*		04.0						*	F	0.44	02.7
23	05	64	02.7	HO	0001	37	02.3	76	32.0	8	*			*		05.0						*	F	0.22	02.7
23	05	64	02.7	HO	0001	37	02.3	76	32.0	8	*			*		06.0						*	F	0.22	02.8
23	05	64	02.7	HO	0001	37	02.3	76	32.0	8	*			*		08.0						*	F	0.00	02.8
23	05	64	03.0	HO	0001	37	02.3	76	32.0	8	*			*		00.0	B	21.84	B	8.58	D	08	D	0.49	03.2
23	05	64	03.0	HO	0001	37	02.3	76	32.0	8	*			*		02.0	B	21.40	B	9.12		*	F	0.31	03.2
23	05	64	03.0	HO	0001	37	02.3	76	32.0	8	*			*		04.0	B	21.44	B	9.92		*	F	0.28	03.2
23	05	64	03.0	HO	0001	37	02.3	76	32.0	8	*			*		05.0	B	21.40	B	10.28		*	F	0.22	03.2
23	05	64	03.0	HO	0001	37	02.3	76	32.0	8	*			*		06.0	B	20.72	B	11.56		*	F	0.16	03.3
23	05	64	03.0	HO	0001	37	02.3	76	32.0	8	*			*		08.0	B	20.80	B	12.72		*	F	0.00	03.3
20	05	64	08.0	OB	0001	37	02.5	76	31.7	#4	4	24	28	03	0.5	00.0			A	10.01		*	D	0.00	08.1
20	05	64	08.0	OB	0001	37	02.5	76	31.7	#4	4	24	28	03	0.5	02.0			A	10.41		*	F	0.14	08.1
20	05	64	08.0	OB	0001	37	02.5	76	31.7	#4	4	24	28	03	0.5	03.5			A	10.46		*		*	*
20	05	64	11.5	OB	0001	37	02.5	76	31.7	3	7			*	0.6	00.0	J	24.10			E	15	D	0.30	11.2
20	05	64	11.5	OB	0001	37	02.5	76	31.7	3	7			*	0.6	02.0	J	21.34			E	15	F	0.27	11.4
20	05	64	12.0	OB	0001	37	02.5	76	31.7	*3	7	28	24	07		00.0	J	24.27			E	15	D	0.19	12.2
20	05	64	12.0	OB	0001	37	02.5	76	31.7	*3	7	28	24	07		02.0	J	21.44			E	15	F	0.26	12.1
20	05	64	12.5	OB	0001	37	02.5	76	31.7	3	8			*		00.0	J	24.41			E	15	D	0.00	12.7
20	05	64	12.5	OB	0001	37	02.5	76	31.7	3	8			*		02.0	J	21.31			E	15	F	0.00	12.6
20	05	64	13.0	OB	0001	37	02.5	76	31.7	*3	8	29	21	06	0.5	00.0	J	25.12				*	D	0.00	13.1
20	05	64	13.0	OB	0001	37	02.5	76	31.7	*3	8	29	21	06	0.5	02.0	J	21.51				*	F	0.00	13.0
20	05	64	13.5	OB	0001	37	02.5	76	31.7	3	1			*	0.4	00.0	J	25.05	A	9.33	E	31	D	0.20	*
20	05	64	13.5	OB	0001	37	02.5	76	31.7	3	1			*	0.4	02.0	J	21.11			E	31	F	0.35	*

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC	SAMPLE TIME (E.S.T.)
20	05	64	14.0	OB	0001	37	02.5	76	31.7	3	1	30	7	03	0.4	00.0	J	24.81	A	14.68	E	32	D	0.24	14.0
20	05	64	14.0	OB	0001	37	02.5	76	31.7	3	1	30	7	03	0.4	02.0	J	21.05			E	32	F	0.17	14.0
20	05	64	14.5	OB	0001	37	02.5	76	31.7	3	1	30	7	05	0.4	00.0	J	25.64			E	17	D	0.30	*
20	05	64	14.5	OB	0001	37	02.5	76	31.7	3	1	30	7	05	0.4	02.0	J	21.64			E	17	F	0.35	*
20	05	64	15.0	OB	0001	37	02.5	76	31.7	3	2	30	7	03	0.3	00.0	J	23.67	A	9.33	E	13	D	0.34	15.0
20	05	64	15.0	OB	0001	37	02.5	76	31.7	3	2	30	7	03	0.3	02.0	J	21.48			E	13	F	0.40	15.0
20	05	64	15.5	OB	0001	37	02.5	76	31.7	3	2	30	7	03	0.5	00.0	J	23.33			E	14	D	0.28	15.5
20	05	64	15.5	OB	0001	37	02.5	76	31.7	3	2	30	7	03	0.5	03.0	J	21.48			E	14	F	0.42	15.6
20	05	64	16.0	OB	0001	37	02.5	76	31.7	3	2	30	7	04	0.5	00.0	J	22.77	A	9.26	E	16	D	0.33	16.0
20	05	64	16.0	OB	0001	37	02.5	76	31.7	3	2	30	7	04	0.5	02.0	J	22.03			E	16	F	0.38	16.0
20	05	64	16.5	OB	0001	37	02.5	76	31.7	3	3		7	03	0.5	00.0	J	22.63			E	16	D	0.25	16.5
20	05	64	16.5	OB	0001	37	02.5	76	31.7	3	3		7	03	0.5	02.0	J	22.07			E	16	F	0.38	16.5
20	05	64	17.0	OB	0001	37	02.5	76	31.7	3	3	27	7	04	0.3	00.0	J	22.97			E	12	D	0.29	17.0
20	05	64	17.0	OB	0001	37	02.5	76	31.7	3	3	27	7	04	0.3	02.0	J	22.33			E	12	F	0.33	17.0
20	05	64	17.5	OB	0001	37	02.5	76	31.7	3	3	25	4	03	0.3	00.0	J	22.93			E	12	D	0.32	17.5
20	05	64	17.5	OB	0001	37	02.5	76	31.7	3	3	25	4	03	0.3	02.0	J	22.80			E	12	F	0.37	17.5
20	05	64	18.0	OB	0001	37	02.5	76	31.7	3	3	24	4	03	0.3	00.0	J	22.46			E	11	F	0.19	18.2
20	05	64	18.0	OB	0001	37	02.5	76	31.7	3	3	24	4	03	0.3	02.0	J	22.97			E	11	D	0.21	18.0
20	05	64	18.5	OB	0001	37	02.5	76	31.7	3	4		7	05	0.3	00.0	J	22.97			E	11	D	0.15	18.5
20	05	64	18.5	OB	0001	37	02.5	76	31.7	3	4		7	05	0.3	02.0	J	22.60			E	11	F	0.12	18.5
20	05	64	19.0	OB	0001	37	02.5	76	31.7	3	4	27	7	05	0.5	00.0	J	22.97			E	07	D	0.12	18.0
20	05	64	19.0	OB	0001	37	02.5	76	31.7	3	4	27	7	05	0.5	02.0	J	22.03			E	07	F	0.14	18.0
20	05	64	19.5	OB	0001	37	02.5	76	31.7	3	4		8	05		00.0	J	22.70			E	05	D	0.13	19.6
20	05	64	19.5	OB	0001	37	02.5	76	31.7	3	4		8	05		02.0	J	22.50			E	05	F	0.12	19.5
20	05	64	20.0	OB	0001	37	02.5	76	31.7	3	4	23	6	06		00.0	B	22.40	B	8.40	D	16	D	0.20	*
20	05	64	20.0	OB	0001	37	02.5	76	31.7	3	4	23	6	06		02.0						*	F	0.29	*
20	05	64	20.0	OB	0001	37	02.5	76	31.7	3	4	23	6	06		03.0	B	20.40	B	14.08		*		*	20.4
20	05	64	20.0	OB	0001	37	02.5	76	31.7	3	4	23	6	06		04.5	B	19.88	B	15.24		*		*	*
20	05	64	20.6	OB	0001	37	02.5	76	31.7	4	*			*		00.0					D	18	D	0.21	*
20	05	64	20.6	OB	0001	37	02.5	76	31.7	4	*			*		02.0						*	F	0.32	20.8
20	05	64	21.0	OB	0001	37	02.5	76	31.7	*4	*	21	19	04		00.0	B	21.92	B	8.48	D	18	D	0.38	21.2
20	05	64	20.6	OB	0001	37	02.5	76	31.7	4	*			*		02.0						*	F	0.32	20.8
20	05	64	21.0	OB	0001	37	02.5	76	31.7	*4	*	21	19	04		02.0	B	,				*	F	0.40	21.2
20	05	64	21.0	OB	0001	37	02.5	76	31.7	*4	*	21	19	04		03.0	B	21.08	B	13.60		*		*	*
20	05	64	21.0	OB	0001	37	02.5	76	31.7	*4	*	21	19	04		04.5	B	20.28	B	15.04		*		*	*
20	05	64	21.5	OB	0001	37	02.5	76	31.7	4	*			*		00.0	B	21.80	B	8.68	D	18	D	0.51	21.7
20	05	64	21.5	OB	0001	37	02.5	76	31.7	4	*			*		02.0	B	21.88	B	9.04		*	F	0.54	21.7
20	05	64	21.5	OB	0001	37	02.5	76	31.7	4	*			*		04.0	B	20.48	B	14.64		*		*	*
20	05	64	22.2	OB	0001	37	02.5	76	31.7	*4	*	20	18	04		00.0	B	21.80	B	8.52	D	17	D	0.61	22.4
20	05	64	22.2	OB	0001	37	02.5	76	31.7	*4	*	20	18	04		02.0	B	21.80	B	9.60		*	F	0.57	22.4
20	05	64	22.2	OB	0001	37	02.5	76	31.7	*4	*	20	18	04		04.0	B	20.72	B	13.64		*		*	*

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
20	05	64	22.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0	B	21.64	B	8.48	D	16	D	0.68	22.7	
20	05	64	22.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0	B	21.56	B	10.16		*	F	0.48	22.7	
20	05	64	22.5	OB	0001	37	02.5	76	31.7	4		*			*			04.0	B	21.12	B	13.00		*		*	*	
20	05	64	23.0	OB	0001	37	02.5	76	31.7	*4		*	20	19	04			00.0	B	21.44	B	8.64	D	16	D	0.47	*	
20	05	64	23.0	OB	0001	37	02.5	76	31.7	*4		*	20	19	04			02.0	B	22.64	B	10.24		*	F	0.42	23.2	
20	05	64	23.0	OB	0001	37	02.5	76	31.7	*4		*	20	19	04			03.5	B	21.60	B	10.24		*		*	*	
20	05	64	23.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0	B	21.28	B	8.68	D	15	D	0.44	23.7	
20	05	64	23.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0	B	21.20	B	9.68		*	F	0.39	23.7	
20	05	64	23.5	OB	0001	37	02.5	76	31.7	4		*			*			03.5	B	21.24	B	9.08		*		*	*	
21	05	64	00.0	OB	0001	37	02.5	76	31.7	*4		*	19	19	04			00.0	B	21.00	B	8.88	D	15	D	0.34	00.2	
21	05	64	00.0	OB	0001	37	02.5	76	31.7	*4		*	19	19	04			02.0	B	21.16	B	9.88		*	F	0.36	00.2	
21	05	64	00.0	OB	0001	37	02.5	76	31.7	*4		*	19	19	04			03.5	B	21.20	B	10.12		*		*	*	
21	05	64	00.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0	B	21.92	B	8.12	D	20	D	0.24	00.7	
21	05	64	00.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0	B	21.16	B	10.00		*	F	0.37	00.7	
21	05	64	00.5	OB	0001	37	02.5	76	31.7	4		*			*			03.5	B	21.20	B	10.20		*		*	*	
21	05	64	01.0	OB	0001	37	02.5	76	31.7	*4		*	28	21	06			00.0	B	22.12	B	7.80	D	20	D	0.15	01.3	
21	05	64	01.0	OB	0001	37	02.5	76	31.7	*4		*	28	21	06			02.0	B	21.28	B	9.44		*	F	0.23	01.3	
21	05	64	01.0	OB	0001	37	02.5	76	31.7	*4		*	28	21	06			03.5	B	21.28	B	10.20		*		*	*	
21	05	64	07.5	OB	0001	37	02.5	76	31.7	4		*			*	0.8		00.0	J	21.15	A	11.20	D	25	D	0.12	07.7	
21	05	64	07.5	OB	0001	37	02.5	76	31.7	4		*			*	0.8		02.0	J	21.15	A	11.43		*	F	0.00	07.6	
21	05	64	07.5	OB	0001	37	02.5	76	31.7	4		*			*	0.8		04.0	J	20.82	A	13.36		*		*	*	
21	05	64	08.5	OB	0001	37	02.5	76	31.7	42		*		*	*	0.8		00.0	B	20.80	B	11.52	D	17	D	0.13	08.7	
21	05	64	08.5	OB	0001	37	02.5	76	31.7	42		*		*	*	0.8		02.0	B	20.84	B	11.60		*	F	0.19	08.7	
21	05	64	08.5	OB	0001	37	02.5	76	31.7	42		*		*	*	0.8		04.0	B	20.24	B	14.92		*		*	*	
21	05	64	09.0	OB	0001	37	02.5	76	31.7	42		*	19	*4	00	0.8		00.0	B	20.92	B	10.84		*		*	09.2	
21	05	64	09.0	OB	0001	37	02.5	76	31.7	42		*	19	*4	00	0.8		02.0	B	20.88	B	11.40		*	F	0.30	09.2	
21	05	64	09.0	OB	0001	37	02.5	76	31.7	42		*	19	*4	00	0.8		04.0	B	20.32	B	14.80		*		*	*	
21	05	64	09.5	OB	0001	37	02.5	76	31.7	4		*			*	0.6		00.0	B	20.92	B	10.52	D	16	D	0.41	09.7	
21	05	64	09.5	OB	0001	37	02.5	76	31.7	4		*			*	0.6		02.0	B	20.84	B	11.28		*	F	0.39	09.7	
21	05	64	09.5	OB	0001	37	02.5	76	31.7	4		*			*	0.6		04.0	B	20.28	B	14.80		*		*	*	
21	05	64	10.0	OB	0001	37	02.5	76	31.7	4		*	20	4	02	0.8		00.0	B	21.04	B	10.48	D	12	D	0.51	10.2	
21	05	64	10.0	OB	0001	37	02.5	76	31.7	4		*	20	4	02	0.8		02.0	B	21.04	B	10.80		*	F	0.59	10.2	
21	05	64	10.0	OB	0001	37	02.5	76	31.7	4		*	20	4	02	0.8		04.0	B	20.36	B	14.44		*		*	*	
21	05	64	10.5	OB	0001	37	02.5	76	31.7	4		*			*	0.8		00.0	B	21.28	B	10.24	D	13	D	0.51	10.7	
21	05	64	10.5	OB	0001	37	02.5	76	31.7	4		*			*	0.8		02.0	B	21.00	B	10.92		*	F	0.38	10.7	
21	05	64	10.5	OB	0001	37	02.5	76	31.7	4		*			*	0.8		04.0	B	20.60	B	12.92		*		*	*	
21	05	64	11.0	OB	0001	37	02.5	76	31.7	4		*	20	4	05	0.8		00.0	B	21.44	B	10.16	D	15	D	0.51	11.2	
21	05	64	11.0	OB	0001	37	02.5	76	31.7	4		*	20	4	05	0.8		02.0	B	21.00	B	10.96		*	F	0.32	*	
21	05	64	11.0	OB	0001	37	02.5	76	31.7	4		*	20	4	05	0.8		04.0	B	20.76	B	12.12		*		*	*	
21	05	64	11.5	OB	0001	37	02.5	76	31.7	4		*			*	0.8		00.0	B	21.64	B	10.08	D	15	D	0.47	11.7	
21	05	64	11.5	OB	0001	37	02.5	76	31.7	4		*			*	0.8		02.0	B	21.00	B	11.32		*	F	0.32	11.7	
21	05	64	11.5	OB	0001	37	02.5	76	31.7	4		*			*	0.8		03.6	B	20.96	B	11.60		*		*	*	
21	05	64	12.0	OB	0001	37	02.5	76	31.7	*3		*	21	24	07	0.7		00.0	B	21.80	B	10.20	D	11	D	0.41	12.1	
21	05	64	12.0	OB	0001	37	02.5	76	31.7	*3		*	21	24	07	0.7		02.0	B	21.60	B	10.36		*	F	0.32	12.1	
21	05	64	12.0	OB	0001	37	02.5	76	31.7	*3		*	21	24	07	0.7		03.4	B	21.20	B	10.72		*		*	*	
21	05	64	12.5	OB	0001	37	02.5	76	31.7	3		7			*	0.7		00.0	B	22.00	B	10.24	D	11	D	0.31	12.7	
21	05	64	12.5	OB	0001	37	02.5	76	31.7	3		7			*	0.7		02.0	B	21.60	B	10.44		*	F	0.26	12.7	
21	05	64	12.5	OB	0001	37	02.5	76	31.7	3		7			*	0.7		03.2	B	21.36	B	10.52		*		*	*	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
21	05	64	12.8	OB	0001	37	02.5	76	31.7	*3	7	29	21	06	0.6	00.0	B	22.40	B	9.64	D	13	D	0.21	12.8
21	05	64	12.8	OB	0001	37	02.5	76	31.7	*3	7	29	21	06	0.6	02.0	B	21.92	B	10.24		*	F	0.19	12.8
21	05	64	12.8	OB	0001	37	02.5	76	31.7	*3	7	29	21	06	0.6	03.2	B	21.36	B	10.68		*		*	*
21	05	64	13.0	OB	0001	37	02.5	76	31.7	*3	8	29	21	06	0.7	00.0	B	22.36	B	9.40	D	11	D	0.19	13.2
21	05	64	13.0	OB	0001	37	02.5	76	31.7	*3	8	29	21	06	0.7	02.0	B	21.68	B	10.32		*	F	0.16	13.2
21	05	64	13.0	OB	0001	37	02.5	76	31.7	*3	8	29	21	06	0.7	03.2	B	21.28	B	10.60		*		*	*
21	05	64	13.5	OB	0001	37	02.5	76	31.7	3	*	20		*	0.7	00.0	B	22.64	B	9.40		*		*	*
21	05	64	13.5	OB	0001	37	02.5	76	31.7	3	*	20		*	0.7	02.0	B	22.12	B	9.56		*	F	0.14	13.7
21	05	64	13.5	OB	0001	37	02.5	76	31.7	3	*	20		*	0.7	04.0	B	21.32	B	10.64		*		*	*
21	05	64	14.0	OB	0001	37	02.5	76	31.7	*3	8	29	21	05	0.7	00.0	B	22.96	B	8.96		*		*	*
21	05	64	14.0	OB	0001	37	02.5	76	31.7	*3	8	29	21	05	0.7	02.0	B	22.20	B	10.00		*	F	0.25	14.1
21	05	64	14.0	OB	0001	37	02.5	76	31.7	*3	8	29	21	05	0.7	03.0	B	21.32	B	10.80		*		*	*
21	05	64	14.5	OB	0001	37	02.5	76	31.7	*3	1	20	14	*	0.7	00.0	B	23.08	B	9.08		*		*	*
21	05	64	14.5	OB	0001	37	02.5	76	31.7	*3	1	20	14	*	0.7	02.0	B	22.36	B	9.60		*	F	0.25	14.6
21	05	64	14.5	OB	0001	37	02.5	76	31.7	*3	1	20	14	*	0.7	03.0	B	21.32	B	10.76		*		*	*
21	05	64	15.0	OB	0001	37	02.5	76	31.7	*3	1	20	14	06		00.0	B	22.60	B	9.52		*		*	*
21	05	64	15.0	OB	0001	37	02.5	76	31.7	*3	1	20	14	06		02.0	B	22.20	B	9.68		*	F	0.16	15.4
21	05	64	15.0	OB	0001	37	02.5	76	31.7	*3	1	20	14	06		03.0	B	21.32	B	10.88		*		*	*
21	05	64	15.5	OB	0001	37	02.5	76	31.7	4	1			*	0.5	00.0	B	23.32	B	9.04	D	31	D	0.19	*
21	05	64	15.5	OB	0001	37	02.5	76	31.7	4	1			*	0.5	02.0	B	22.52	B	9.76		*	F	0.27	*
21	05	64	15.5	OB	0001	37	02.5	76	31.7	4	1			*	0.5	03.0	B	22.12	B	9.96		*		*	*
21	05	64	16.0	OB	0001	37	02.5	76	31.7	4	1	19	9	04	0.4	00.0	B	23.20	B	8.12	D	32	D	0.24	16.1
21	05	64	16.0	OB	0001	37	02.5	76	31.7	4	1	19	9	04	0.4	02.0	B	22.32	B	10.08		*	F	0.25	16.2
21	05	64	16.0	OB	0001	37	02.5	76	31.7	4	1	19	9	04	0.4	03.0	B	21.36	B	11.00		*		*	*
21	05	64	16.5	OB	0001	37	02.5	76	31.7	4	1	19		*	0.4	00.0	B	21.36	B	8.12	D	30	D	0.36	16.5
21	05	64	16.5	OB	0001	37	02.5	76	31.7	4	1	19		*	0.4	02.0	B	22.00	B	10.52		*	F	0.24	16.6
21	05	64	16.5	OB	0001	37	02.5	76	31.7	4	1	19		*	0.4	03.0	B	21.32	B	10.92		*		*	*
21	05	64	17.0	OB	0001	37	02.5	76	31.7	*4	2	29	21	06	0.6	00.0	B	22.96	B	8.28	D	31	D	0.36	17.0
21	05	64	17.0	OB	0001	37	02.5	76	31.7	*4	2	29	21	06	0.6	02.0	B	21.72	B	10.32		*	F	0.28	17.1
21	05	64	17.0	OB	0001	37	02.5	76	31.7	*4	2	29	21	06	0.6	03.0	B	21.48	B	11.16		*		*	*
21	05	64	17.5	OB	0001	37	02.5	76	31.7	4	3	29	9	22	0.5	00.0	B	21.92	B	9.60	D	32	D	0.30	17.5
21	05	64	17.5	OB	0001	37	02.5	76	31.7	4	3	29	9	22	0.5	02.0	B	21.60	B	10.40		*	F	0.27	17.6
21	05	64	17.5	OB	0001	37	02.5	76	31.7	4	3	29	9	22	0.5	04.0	B	21.52	B	10.48		*		*	*
21	05	64	18.0	OB	0001	37	02.5	76	31.7	4	3	18	9	01	0.6	00.0	B	21.72	B	10.24	D	31	D	0.16	18.2
21	05	64	18.0	OB	0001	37	02.5	76	31.7	4	3	18	9	01	0.6	02.0	B	21.76	B	10.32		*	F	0.16	18.2
21	05	64	18.0	OB	0001	37	02.5	76	31.7	4	3	18	9	01	0.6	04.0	B	21.72	B	10.32		*		*	*
21	05	64	18.5	OB	0001	37	02.5	76	31.7	4	3			*	0.7	00.0	B	21.56	B	10.40	D	30	D	0.23	18.5
21	05	64	18.5	OB	0001	37	02.5	76	31.7	4	3			*	0.7	02.0	B	21.32	B	10.92		*	F	0.20	18.6
21	05	64	18.5	OB	0001	37	02.5	76	31.7	4	3			*	0.7	04.0	B	21.40	B	11.08		*		*	*
21	05	64	19.0	OB	0001	37	02.5	76	31.7	*4	3	27	20	05	0.7	00.0	B	21.24	B	10.96	D	30	D	0.15	19.1
21	05	64	19.0	OB	0001	37	02.5	76	31.7	*4	3	27	20	05	0.7	02.0	B	21.36	B	11.12		*	F	0.20	19.2
21	05	64	19.0	OB	0001	37	02.5	76	31.7	*4	3	27	20	05	0.7	03.0	B	21.24	B	11.32		*		*	*
21	05	64	20.0	OB	0001	37	02.5	76	31.7	*4	*	17	19	04		00.0			A	11.18		*		*	20.3
21	05	64	20.0	OB	0001	37	02.5	76	31.7	*4	*	17	19	04		02.0			A	11.22		*		*	20.3
21	05	64	20.0	OB	0001	37	02.5	76	31.7	*4	*	17	19	04		03.5			A	11.44		*		*	20.4
21	05	64	21.0	OB	0001	37	02.5	76	31.7	*4	*	17	19	04		00.0			A	11.20	E	16	D	0.12	21.1
21	05	64	21.0	OB	0001	37	02.5	76	31.7	*4	*	17	19	04		02.0			A	11.59		*	F	0.28	*
21	05	64	21.0	OB	0001	37	02.5	76	31.7	*4	*	17	19	04		03.5			A	11.69		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
21	05	64	21.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0					E	12	D	0.17	21.6	
21	05	64	21.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.30	*	
21	05	64	22.0	OB	0001	37	02.5	76	31.7	*4		*	17	18	04			00.0			A	10.90	E	17	D	0.24	22.1	
21	05	64	22.0	OB	0001	37	02.5	76	31.7	*4		*	17	18	04			02.0			A	11.17		*	F	0.40	*	
21	05	64	22.0	OB	0001	37	02.5	76	31.7	*4		*	17	18	04			03.5			A	12.57		*		*	*	
21	05	64	22.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0					E	11	D	0.14	22.6	
21	05	64	22.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.35	*	
21	05	64	23.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0					E	15	D	0.46	23.5	
21	05	64	23.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.42	*	
22	05	64	00.0	OB	0001	37	02.5	76	31.7	4		*			*			00.0			A	9.83	E	13	D	0.38	00.3	
22	05	64	00.0	OB	0001	37	02.5	76	31.7	4		*			*			02.0			A	9.96		*	F	0.38	*	
22	05	64	00.0	OB	0001	37	02.5	76	31.7	4		*			*			03.5			A	10.12		*		*	*	
22	05	64	00.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0					E	13	D	0.38	00.5	
22	05	64	00.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.35	*	
22	05	64	01.0	OB	0001	37	02.5	76	31.7	4		*			*			00.0			A	9.61	E	18	D	0.34	*	
22	05	64	01.0	OB	0001	37	02.5	76	31.7	4		*			*			02.0			A	9.67		*	F	0.30	*	
22	05	64	01.0	OB	0001	37	02.5	76	31.7	4		*			*			03.5			A	9.69		*		*	*	
22	05	64	01.0	OB	0001	37	02.5	76	31.7	4		5	17		04			00.0			A	10.18	E	25	D	0.34	01.2	
22	05	64	01.0	OB	0001	37	02.5	76	31.7	4		5	17		04			02.0			A	10.28		*	F	0.14	01.3	
22	05	64	01.0	OB	0001	37	02.5	76	31.7	4		5	17		04			00.0					E	25	D	0.38	01.5	
22	05	64	01.0	OB	0001	37	02.5	76	31.7	4		5	17		04			02.0						*	F	0.12	01.5	
22	05	64	01.0	OB	0001	37	02.5	76	31.7	4		5	17		04			03.0			A	10.34		*		*	*	
22	05	64	02.0	OB	0001	37	02.5	76	31.7	*4		6	17	14	04			00.0			A	8.74		*	D	0.00	02.1	
22	05	64	02.0	OB	0001	37	02.5	76	31.7	*4		6	17	14	04			00.0						*	D	0.00	02.5	
22	05	64	02.0	OB	0001	37	02.5	76	31.7	*4		6	17	14	04			02.0			A	10.07		*	F	0.15	02.1	
22	05	64	02.0	OB	0001	37	02.5	76	31.7	*4		6	17	14	04			02.0						*	F	0.00	02.5	
22	05	64	02.0	OB	0001	37	02.5	76	31.7	*4		6	17	14	04			03.0			A	10.33		*		*	*	
22	05	64	02.5	OB	0001	37	02.5	76	31.7	4		1			*			00.0			A	9.14	E	34	D	0.23	*	
22	05	64	02.5	OB	0001	37	02.5	76	31.7	4		1			*			00.0					E	36	D	0.44	*	
22	05	64	02.5	OB	0001	37	02.5	76	31.7	4		1			*			02.0			A	10.15		*	F	0.14	*	
22	05	64	02.5	OB	0001	37	02.5	76	31.7	4		1			*			02.5						*	F	0.16	*	
22	05	64	02.5	OB	0001	37	02.5	76	31.7	4		1			*			03.5			A	10.27		*		*	*	
22	05	64	03.0	OB	0001	37	02.5	76	31.7	*4		*	17	15	04			00.0			A	8.83	E	13	D	0.00	03.1	
22	05	64	03.0	OB	0001	37	02.5	76	31.7	*4		*	17	15	04			02.0			A	8.95		*	F	0.10	*	
22	05	64	03.0	OB	0001	37	02.5	76	31.7	*4		*	17	15	04			03.5			A	9.36		*		*	*	
22	05	64	03.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0						*	D	0.00	03.5	
22	05	64	03.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.10	*	
22	05	64	04.0	OB	0001	37	02.5	76	31.7	*4		*	16	15	04			00.0						*		*	*	
22	05	64	04.0	OB	0001	37	02.5	76	31.7	*4		*	16	15	04			02.0						*		*	*	
22	05	64	04.0	OB	0001	37	02.5	76	31.7	*4		*	16	15	04			03.5						*		*	*	
22	05	64	04.0	OB	0001	37	02.5	76	31.7	*4		2	16	15	04			00.0			A	9.35	E	36	D	0.31	04.3	
22	05	64	04.0	OB	0001	37	02.5	76	31.7	*4		2	16	15	04			00.0					E	03	D	0.30	04.5	
22	05	64	04.0	OB	0001	37	02.5	76	31.7	*4		2	16	15	04			02.0			A	9.55		*	F	0.15	04.3	
22	05	64	04.0	OB	0001	37	02.5	76	31.7	*4		2	16	15	04			02.5						*	F	0.16	04.5	
22	05	64	04.0	OB	0001	37	02.5	76	31.7	*4		2	16	15	04			03.5			A	10.02		*		*	*	
22	05	64	05.0	OB	0001	37	02.5	76	31.7	*4		2	14	16	03	0.7		00.0			A	8.38	E	36	D	0.44	05.1	
22	05	64	05.0	OB	0001	37	02.5	76	31.7	*4		2	14	16	03	0.7		00.0					E	36	D	0.30	05.5	
22	05	64	05.0	OB	0001	37	02.5	76	31.7	*4		2	14	16	03	0.7		02.0			A	8.89		*	F	0.19	05.1	
22	05	64	05.0	OB	0001	37	02.5	76	31.7	*4		2	14	16	03	0.7		02.5						*	F	0.15	05.5	
22	05	64	05.0	OB	0001	37	02.5	76	31.7	*4		2	14	16	03	0.7		03.5			A	9.68		*		*	*	
22	05	64	06.0	OB	0001	37	02.5	76	31.7	*4		3	14	16	04			00.0			A	7.86	E	36	D	0.25	06.1	
22	05	64	06.0	OB	0001	37	02.5	76	31.7	*4		3	14	16	04			00.0						*	D	0.25	06.5	
22	05	64	06.0	OB	0001	37	02.5	76	31.7	*4		3	14	16	04			02.0			A	9.36		*	F	0.38	06.1	
22	05	64	06.0	OB	0001	37	02.5	76	31.7	*4		3	14	16	04			02.0						*	F	0.31	06.5	
22	05	64	06.0	OB	0001	37	02.5	76	31.7	*4		3	14	16	04			03.5			A	9.80		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
22	05	64	07.0	OB	0001	37	02.5	76	31.7	*4		3	18	16	04	0.8		00.0			A	9.10	E	36	D	0.23	07.1	
22	05	64	07.0	OB	0001	37	02.5	76	31.7	*4		3	18	16	04	0.8		00.0						*	D	0.17	07.5	
22	05	64	07.0	OB	0001	37	02.5	76	31.7	*4		3	18	16	04	0.8		02.0			A	9.93		*	F	0.27	07.1	
22	05	64	07.0	OB	0001	37	02.5	76	31.7	*4		3	18	16	04	0.8		03.0						*	F	0.22	07.5	
22	05	64	07.0	OB	0001	37	02.5	76	31.7	*4		3	18	16	04	0.8		03.5			A	10.45		*		*	*	
22	05	64	08.0	OB	0001	37	02.5	76	31.7	*4		*	22	20	02			00.0			A	10.04		*	D	0.00	*	
22	05	64	08.0	OB	0001	37	02.5	76	31.7	*4		*	22	20	02			02.0			A	10.38		*		*	*	
22	05	64	08.0	OB	0001	37	02.5	76	31.7	*4		*	22	20	02			03.0			A	10.57		*		*	*	
22	05	64	09.0	OB	0001	37	02.5	76	31.7	*4		*	24	22	04			00.0			A	10.12		*		*	*	
22	05	64	09.0	OB	0001	37	02.5	76	31.7	*4		*	24	22	04			02.0			A	10.62		*		*	*	
22	05	64	09.0	OB	0001	37	02.5	76	31.7	*4		*	24	22	04			03.0			A	10.63		*		*	*	
22	05	64	09.3	OB	0001	37	02.5	76	31.7	*4		*	24	22	02			00.0			A	9.31	F	29		*	*	
22	05	64	09.3	OB	0001	37	02.5	76	31.7	*4		*	24	22	02			02.0			A	9.62	F	33		*	*	
22	05	64	09.3	OB	0001	37	02.5	76	31.7	*4		*	24	22	02			03.0			A	9.64	F	16		*	*	
22	05	64	13.5	OB	0001	37	02.5	76	31.7	*4		*		20	10			00.0					E	16	D	0.21	*	
22	05	64	13.5	OB	0001	37	02.5	76	31.7	*4		*		20	10			02.0						*	F	0.22	*	
22	05	64	14.0	OB	0001	37	02.5	76	31.7	*4		*	28	20	08	0.5		00.0			A	9.53	E	13	D	0.09	14.1	
22	05	64	14.0	OB	0001	37	02.5	76	31.7	*4		*	28	20	08	0.5		02.0			A	9.40		*	F	0.06	*	
22	05	64	14.0	OB	0001	37	02.5	76	31.7	*4		*	28	20	08	0.5		03.5			A	9.48		*		*	*	
22	05	64	14.5	OB	0001	37	02.5	76	31.7	4		8			*			00.0						*	D	0.00	14.5	
22	05	64	14.5	OB	0001	37	02.5	76	31.7	4		8			*			02.0						*	F	0.08	*	
22	05	64	15.0	OB	0001	37	02.5	76	31.7	*4		*	27	20	07	0.5		00.0					E	01	D	0.06	15.2	
22	05	64	15.0	OB	0001	37	02.5	76	31.7	*4		*	27	20	07	0.5		02.0						*	F	0.23	*	
22	05	64	15.0	OB	0001	37	02.5	76	31.7	*4		*	27	20	07	0.5		03.5						*		*	*	
22	05	64	15.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0					E	33	D	0.30	15.5	
22	05	64	15.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.28	*	
22	05	64	16.0	OB	0001	37	02.5	76	31.7	*4		*	26	20	07	0.5		00.0					E	35	D	0.17	16.1	
22	05	64	16.0	OB	0001	37	02.5	76	31.7	*4		*	26	20	07	0.5		02.0						*	F	0.39	*	
22	05	64	16.0	OB	0001	37	02.5	76	31.7	*4		*	26	20	07	0.5		03.5						*		*	*	
22	05	64	16.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0					E	36	D	0.18	16.5	
22	05	64	16.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.37	*	
22	05	64	17.0	OB	0001	37	02.5	76	31.7	*4		*	26	20	07	0.6		00.0					E	36	D	0.27	17.1	
22	05	64	17.0	OB	0001	37	02.5	76	31.7	*4		*	26	20	07	0.6		02.0						*	F	0.29	*	
22	05	64	17.0	OB	0001	37	02.5	76	31.7	*4		*	26	20	07	0.6		03.5						*		*	*	
22	05	64	17.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0					E	36	D	0.14	*	
22	05	64	17.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.30	*	
22	05	64	18.0	OB	0001	37	02.5	76	31.7	*4		*	26	20	06			00.0					E	34	D	0.26	18.1	
22	05	64	18.0	OB	0001	37	02.5	76	31.7	*4		*	26	20	06			02.0						*	F	0.30	*	
22	05	64	18.0	OB	0001	37	02.5	76	31.7	*4		*	26	20	06			03.5						*		*	*	
22	05	64	18.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0					E	35	D	0.28	18.5	
22	05	64	18.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.25	*	
22	05	64	19.0	OB	0001	37	02.5	76	31.7	*4		*	25	20	03			00.0					E	33	D	0.13	19.0	
22	05	64	19.0	OB	0001	37	02.5	76	31.7	*4		*	25	20	03			02.0						*	F	0.32	*	
22	05	64	19.0	OB	0001	37	02.5	76	31.7	*4		*	25	20	03			03.5						*		*	*	
22	05	64	19.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0					E	34	D	0.17	19.5	
22	05	64	19.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.25	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
22	05	64	20.0	OB	0001	37	02.5	76	31.7	4		3			*			00.0			A	9.78	E	36	D	0.15	20.1	
22	05	64	20.0	OB	0001	37	02.5	76	31.7	4		3			*			00.0					E	36	D	0.13	20.5	
22	05	64	20.0	OB	0001	37	02.5	76	31.7	4		3			*			02.0			A	9.92		*	F	0.19	20.1	
22	05	64	20.0	OB	0001	37	02.5	76	31.7	4		3			*			02.0						*	F	0.12	20.5	
22	05	64	20.0	OB	0001	37	02.5	76	31.7	4		3			*			03.5			A	10.12		*		*	*	
22	05	64	21.0	OB	0001	37	02.5	76	31.7	*4		4	23	20	05			00.0			A	10.12		*	D	0.00	21.1	
22	05	64	21.0	OB	0001	37	02.5	76	31.7	*4		4	23	20	05			00.0						*	F	0.00	21.5	
22	05	64	21.0	OB	0001	37	02.5	76	31.7	*4		4	23	20	05			02.0			A	10.04		*	F	0.00	21.2	
22	05	64	21.0	OB	0001	37	02.5	76	31.7	*4		4	23	20	05			02.0						*	F	0.00	21.5	
22	05	64	21.0	OB	0001	37	02.5	76	31.7	*4		4	23	20	05			03.5			A	10.73		*		*	*	
22	05	64	22.0	OB	0001	37	02.5	76	31.7	*4		5	22	20	06			00.0			A	9.91	E	18	D	0.20	22.2	
22	05	64	22.0	OB	0001	37	02.5	76	31.7	*4		5	22	20	06			00.0					E	18	D	0.37	22.5	
22	05	64	22.0	OB	0001	37	02.5	76	31.7	*4		5	22	20	06			02.0			A	10.10		*	F	0.36	22.2	
22	05	64	22.0	OB	0001	37	02.5	76	31.7	*4		5	22	20	06			02.0						*	F	0.28	22.5	
22	05	64	22.0	OB	0001	37	02.5	76	31.7	*4		5	22	20	06			03.5			A	13.03		*		*	*	
22	05	64	23.0	OB	0001	37	02.5	76	31.7	*4		*	22	20	06			00.0			A	8.94	E	18	D	0.44	23.1	
22	05	64	23.0	OB	0001	37	02.5	76	31.7	*4		*	22	20	06			00.0						*	D	0.44	23.5	
22	05	64	23.0	OB	0001	37	02.5	76	31.7	*4		*	22	20	06			02.0			A	11.04		*	F	0.54	23.1	
22	05	64	23.0	OB	0001	37	02.5	76	31.7	*4		*	22	20	06			02.0						*	F	0.52	23.5	
22	05	64	23.0	OB	0001	37	02.5	76	31.7	*4		*	22	20	06			03.5			A	9.05		*		*	*	
23	05	64	00.0	OB	0001	37	02.5	76	31.7	4		*			*			00.0			A	9.13	E	18	D	0.61	00.1	
23	05	64	00.0	OB	0001	37	02.5	76	31.7	4		*			*			00.0						*	D	0.42	00.5	
23	05	64	00.0	OB	0001	37	02.5	76	31.7	4		*			*			02.0			A	9.32		*	F	0.44	00.1	
23	05	64	00.0	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.61	00.5	
23	05	64	00.0	OB	0001	37	02.5	76	31.7	4		*			*			03.5			A	9.12		*		*	*	
23	05	64	01.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0					E	13	D	0.34	01.7	
23	05	64	01.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.38	*	
23	05	64	02.0	OB	0001	37	02.5	76	31.7	*4		*	21	20	08			00.0			A	8.89	E	14	D	0.30	02.1	
23	05	64	02.0	OB	0001	37	02.5	76	31.7	*4		*	21	20	08			02.0			A	9.59		*	F	0.22	*	
23	05	64	02.0	OB	0001	37	02.5	76	31.7	*4		*	21	20	08			03.5			A	9.57		*		*	*	
23	05	64	02.5	OB	0001	37	02.5	76	31.7	4		*			*			00.0					E	33	D	0.12	02.6	
23	05	64	02.5	OB	0001	37	02.5	76	31.7	4		*			*			02.0						*	F	0.14	*	
20	05	64	08.0	SK	0001	37	01.7	76	33.4	5		4	28		*	0.4		00.0	B	21.32	B	7.99	D	10	D	0.15	08.2	
20	05	64	08.0	SK	0001	37	01.7	76	33.4	5		4	28		*	0.4		02.0	B	21.04	B	9.03		*		*	*	
20	05	64	08.0	SK	0001	37	01.7	76	33.4	5		4	28		*	0.4		04.0	B	20.88	B	9.31		*		*	*	
20	05	64	09.0	SK	0001	37	01.7	76	33.4	*4		5	29	32	07	0.5		00.0	B	22.04	B	6.66	D	12	D	0.25	09.2	
20	05	64	09.0	SK	0001	37	01.7	76	33.4	*4		5	29	32	07	0.5		02.0	B	21.28	B	7.82		*		*	*	
20	05	64	09.0	SK	0001	37	01.7	76	33.4	*4		5	29	32	07	0.5		04.0	B	20.96	B	9.46		*		*	*	
20	05	64	10.0	SK	0001	37	01.7	76	33.4	*4		5	28	32	07	0.5		00.0	B	22.44	B	6.08	D	12	D	0.33	10.1	
20	05	64	10.0	SK	0001	37	01.7	76	33.4	*4		5	28	32	07	0.5		02.0	B	21.44	B	8.44		*		*	*	
20	05	64	10.0	SK	0001	37	01.7	76	33.4	*4		5	28	32	07	0.5		04.0	B	21.24	B	9.12		*		*	*	
20	05	64	11.0	SK	0001	37	01.7	76	33.4	*4		6	29	32	02	0.5		00.0	B	23.44	B	5.76	D	12	D	0.59	11.2	
20	05	64	11.0	SK	0001	37	01.7	76	33.4	*4		6	29	32	02	0.5		02.0	B	21.68	B	7.36		*		*	*	
20	05	64	11.0	SK	0001	37	01.7	76	33.4	*4		6	29	32	02	0.5		04.0	B	21.56	B	9.68		*		*	*	
20	05	64	12.0	SK	0001	37	01.7	76	33.4	*4		6	28	30	02	0.5		00.0	B	24.12	B	5.58	D	09	D	0.56	12.0	
20	05	64	12.0	SK	0001	37	01.7	76	33.4	*4		6	28	30	02	0.5		02.0	B	22.08	B	6.38		*		*	*	
20	05	64	12.0	SK	0001	37	01.7	76	33.4	*4		6	28	30	02	0.5		04.0	B	21.28	B	8.30		*		*	*	
20	05	64	14.8	SK	0001	37	01.7	76	33.4	4		1	30	9	05	0.6		00.0	B	24.72	B	4.95	D	14	D	0.00	14.2	
20	05	64	14.8	SK	0001	37	01.7	76	33.4	4		1	30	9	05	0.6		02.0	B	23.32	B	4.99		*	F	0.25	14.5	
20	05	64	14.8	SK	0001	37	01.7	76	33.4	4		1	30	9	05	0.6		04.0	B	21.52	B	8.31		*		*	*	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
20	05	64	15.0	SK	0001	37	01.7	76	33.4	*4	1	30	11	05	0.7	00.0	B	24.48	B	5.49	D	33	D	0.39	*
20	05	64	15.0	SK	0001	37	01.7	76	33.4	*4	1	30	11	05	0.7	02.0	B	24.28	B	5.65		*	F	0.40	*
20	05	64	15.0	SK	0001	37	01.7	76	33.4	*4	1	30	11	05	0.7	04.0	B	22.04	B	7.81		*		*	*
20	05	64	15.5	SK	0001	37	01.7	76	33.4	4	1			*	0.6	00.0	B	24.28	B	5.60	D	33	D	0.39	*
20	05	64	15.5	SK	0001	37	01.7	76	33.4	4	1			*	0.6	02.0	B	23.68	B	6.08		*		*	*
20	05	64	15.5	SK	0001	37	01.7	76	33.4	4	1			*	0.6	04.0	B	22.00	B	7.20		*		*	*
20	05	64	16.0	SK	0001	37	01.7	76	33.4	4	1	26		*	0.5	00.0	B	23.20	B	6.72	D	34	D	0.54	16.2
20	05	64	16.0	SK	0001	37	01.7	76	33.4	4	1	26		*	0.5	02.0	B	22.76	B	7.12		*		*	*
20	05	64	16.0	SK	0001	37	01.7	76	33.4	4	1	26		*	0.5	04.0	B	22.20	B	6.92		*		*	*
20	05	64	16.5	SK	0001	37	01.7	76	33.4	4	2			*		00.0	B	22.88	B	7.08	D	35	D	0.46	16.6
20	05	64	16.5	SK	0001	37	01.7	76	33.4	4	2			*		02.0	B	22.76	B	7.08		*		*	*
20	05	64	16.5	SK	0001	37	01.7	76	33.4	4	2			*		04.0	B	22.72	B	7.08		*		*	*
20	05	64	17.0	SK	0001	37	01.7	76	33.4	5	2	26	7	04	0.3	00.0	B	22.96	B	7.38	D	30	D	0.37	17.1
20	05	64	17.0	SK	0001	37	01.7	76	33.4	5	2	26	7	04	0.3	02.0	B	22.84	B	7.42		*	F	0.45	17.2
20	05	64	17.0	SK	0001	37	01.7	76	33.4	5	2	26	7	04	0.3	04.0	B	22.72	B	7.42		*		*	*
20	05	64	17.5	SK	0001	37	01.7	76	33.4	5	3	25	7	03		00.0	B	23.04	B	7.60	D	31	D	0.32	17.6
20	05	64	17.5	SK	0001	37	01.7	76	33.4	5	3	25	7	03		02.0	B	22.88	B	7.56		*	F	0.44	17.6
20	05	64	17.5	SK	0001	37	01.7	76	33.4	5	3	25	7	03		04.0	B	22.88	B	7.56		*		*	*
20	05	64	18.0	SK	0001	37	01.7	76	33.4	5	3	24	4	03	0.3	00.0	B	22.80	B	7.76		*	D	0.20	18.1
20	05	64	18.0	SK	0001	37	01.7	76	33.4	5	3	24	4	03	0.3	02.0	B	22.84	B	6.40		*	F	0.54	18.1
20	05	64	18.0	SK	0001	37	01.7	76	33.4	5	3	24	4	03	0.3	04.0	B	22.52	B	6.44		*	F	0.28	18.1
20	05	64	18.5	SK	0001	37	01.7	76	33.4	5	3			*		00.0	B	20.28	B	8.08	D	32	D	0.15	18.5
20	05	64	18.5	SK	0001	37	01.7	76	33.4	5	3			*		02.0	B	22.88	B	8.16		*	F	0.28	18.5
20	05	64	18.5	SK	0001	37	01.7	76	33.4	5	3			*		04.0	B	22.80	B	8.24		*	F	0.28	18.6
20	05	64	19.0	SK	0001	37	01.7	76	33.4	5	*	27	7	05	0.4	00.0	B	22.56	B	8.25		*	D	0.32	18.1
20	05	64	19.0	SK	0001	37	01.7	76	33.4	5	*	27	7	05	0.4	02.0	B	22.60	B	7.93		*	F	0.16	18.1
20	05	64	19.0	SK	0001	37	01.7	76	33.4	5	*	27	7	05	0.4	04.0	B	21.28	B	10.73		*		*	*
21	05	64	07.5	SK	0001	37	01.7	76	33.4	4	3			*	0.4	00.0	B	20.64	A	11.60	D	08	D	1.45	07.5
21	05	64	07.5	SK	0001	37	01.7	76	33.4	4	3			*	0.4	02.0	B	20.84	B	11.64		*		*	*
21	05	64	07.5	SK	0001	37	01.7	76	33.4	4	3			*	0.4	04.0	B	20.88	B	11.80		*		*	*
22	05	64	07.5	SK	0001	37	02.9	76	31.4	2	3			*	0.6	00.0	J	20.66	A	9.45	D	35	D	0.09	07.5
22	05	64	07.5	SK	0001	37	02.9	76	31.4	2	3			*	0.6	02.0	J	20.66	A	10.55		*	F	0.35	07.5
22	05	64	08.0	SK	0001	37	02.9	76	31.4	3	4			*	0.5	00.0	J	20.72	A	10.07	D	01	D	0.00	*
22	05	64	08.0	SK	0001	37	02.9	76	31.4	3	4			*	0.5	02.0	J	20.66	A	10.63		*	F	0.15	*
22	05	64	08.0	SK	0001	37	02.9	76	31.4	3	4			*	0.5	04.0	J	20.75				*		*	*
22	05	64	08.5	SK	0001	37	02.9	76	31.4	4	4			*	0.5	00.0	J	20.85	A	10.26	D	06	D	0.00	08.5
22	05	64	08.5	SK	0001	37	02.9	76	31.4	4	4			*	0.5	02.0	J	20.69				*	F	0.00	08.5
22	05	64	08.5	SK	0001	37	02.9	76	31.4	4	4			*	0.5	04.0	J	20.75	A	10.72		*		*	*
22	05	64	09.0	SK	0001	37	02.9	76	31.4	*4	4	24	22	04	0.6	00.0	J	20.95	A	10.10	D	08	D	0.23	09.1
22	05	64	09.0	SK	0001	37	02.9	76	31.4	*4	4	24	22	04	0.6	02.0	J	20.82	A	10.66		*	F	0.31	*
22	05	64	09.0	SK	0001	37	02.9	76	31.4	*4	4	24	22	04	0.6	04.0	J	20.92	A	11.17		*	F	0.35	09.1
22	05	64	09.5	SK	0001	37	02.9	76	31.4	4	5			*	0.5	00.0	J	21.08	A	10.14	D	13	D	0.23	09.5
22	05	64	09.5	SK	0001	37	02.9	76	31.4	4	5			*	0.5	04.0	J	20.92	A	10.97		*	F	0.44	09.5
22	05	64	10.0	SK	0001	37	02.9	76	31.4	4	5			*	0.5	00.0	J	21.15	A	9.34	D	05	D	0.33	10.0
22	05	64	10.0	SK	0001	37	02.9	76	31.4	4	5			*	0.5	02.0	J	20.98	A	10.12		*	F	0.44	09.5
22	05	64	10.0	SK	0001	37	02.9	76	31.4	4	5			*	0.5	02.0	J	20.69	A	9.34		*	F	0.50	10.1
22	05	64	10.0	SK	0001	37	02.9	76	31.4	4	5			*	0.5	04.0	J	20.89	A	10.66		*	F	0.55	10.1

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
22	05	64	10.5	SK	0001	37	02.9	76	31.4	*4		5	26	25	07	0.4		00.0	J	21.25	A	8.95	D	13	D	0.34	10.5		
22	05	64	10.5	SK	0001	37	02.9	76	31.4	*4		5	26	25	07	0.4		02.0	J	20.85	A	9.06		*	F	0.61	10.6		
22	05	64	10.5	SK	0001	37	02.9	76	31.4	*4		5	26	25	07	0.4		04.0	J	20.79	A	9.94		*	F	0.61	10.6		
22	05	64	11.0	SK	0001	37	02.9	76	31.4	*4		5	28	25	07	0.4		00.0	J	21.18	A	9.13	D	17	D	0.43	11.0		
22	05	64	11.0	SK	0001	37	02.9	76	31.4	*4		5	28	25	07	0.4		02.0	J	20.92	A	9.27		*	F	0.61	11.0		
22	05	64	11.0	SK	0001	37	02.9	76	31.4	*4		5	28	25	07	0.4		04.0	J	20.82	A	9.49		*	F	0.67	11.0		
22	05	64	11.5	SK	0001	37	02.9	76	31.4	4		6			*			00.0	J	21.61	A	9.04	D	16	D	0.38	*		
22	05	64	11.5	SK	0001	37	02.9	76	31.4	4		6			*			02.0	J	21.29	A	9.13		*	F	0.50	*		
22	05	64	11.5	SK	0001	37	02.9	76	31.4	4		6			*			04.0	J	21.25	A	9.13		*	F	0.61	*		
22	05	64	12.0	SK	0001	37	02.9	76	31.4	*4		7		22	10	0.4		00.0	J	21.44	A	9.11	D	10	D	0.30	12.1		
22	05	64	12.0	SK	0001	37	02.9	76	31.4	*4		7		22	10	0.4		02.0	J	21.41	A	9.09		*	F	0.35	12.4		
22	05	64	12.0	SK	0001	37	02.9	76	31.4	*4		7		22	10	0.4		04.0	J	21.41	A	9.11		*	F	0.35	12.4		
22	05	64	12.5	SK	0001	37	02.9	76	31.4	4		7			*	0.4		00.0	J	21.93	A	8.78	D	04	D	0.20	12.5		
22	05	64	12.5	SK	0001	37	02.9	76	31.4	4		7			*	0.4		02.0	J	21.51	A	8.96		*	F	0.24	12.6		
22	05	64	12.5	SK	0001	37	02.9	76	31.4	4		7			*	0.4		04.0	J	21.38	A	9.16		*	F	0.19	12.7		
22	05	64	13.0	SK	0001	37	02.9	76	31.4	4		7			*	0.4		00.0	J	22.03	A	8.93	D	14	D	0.21	13.1		
22	05	64	13.0	SK	0001	37	02.9	76	31.4	4		7			*	0.4		02.0	J	21.64	A	9.30		*	F	0.35	13.1		
22	05	64	13.0	SK	0001	37	02.9	76	31.4	4		7			*	0.4		04.0	J	21.54	A	9.06		*	F	0.31	13.1		
22	05	64	13.5	SK	0001	37	02.9	76	31.4	*4		7	20	10	06	0.4		00.0	J	20.52	A	9.22	D	18	D	0.17	13.1		
22	05	64	13.5	SK	0001	37	02.9	76	31.4	*4		7	20	10	06	0.4		02.0	J	21.41	A	9.26		*	F	0.00	13.1		
22	05	64	13.5	SK	0001	37	02.9	76	31.4	*4		7	20	10	06	0.4		04.0	J	21.67	A	9.50		*	F	0.00	13.1		
22	05	64	14.0	SK	0001	37	02.9	76	31.4	*3		8	28	20	08	0.4		00.0	J	21.93	A	9.47	D	10	D	0.10	14.3		
22	05	64	14.0	SK	0001	37	02.9	76	31.4	*3		8	28	20	08	0.4		02.0	J	21.74	A	9.51		*	F	0.22	*		
22	05	64	14.0	SK	0001	37	02.9	76	31.4	*3		8	28	20	08	0.4		03.0	J	21.87	A	9.61		*	F	0.15	*		
22	05	64	15.0	SK	0001	37	02.9	76	31.4	*3		1	27	20	07	0.4		00.0	J	22.53	A	9.53	D	06	D	0.29	15.3		
22	05	64	15.0	SK	0001	37	02.9	76	31.4	*3		1	27	20	07	0.4		02.0	J	22.13	A	9.53		*	F	0.42	15.4		
22	05	64	15.0	SK	0001	37	02.9	76	31.4	*3		1	27	20	07	0.4		03.0	J	22.10	A	9.59		*	F	0.27	15.5		
22	05	64	15.5	SK	0001	37	02.9	76	31.4	3		1			02			00.0			A	9.11	D	01	D	0.09	15.6		
22	05	64	15.5	SK	0001	37	02.9	76	31.4	3		1			02			02.0			A	9.23		*	F	0.31	15.8		
22	05	64	15.5	SK	0001	37	02.9	76	31.4	3		1			02			04.0			A	9.28		*	F	0.31	*		
22	05	64	16.0	SK	0001	37	02.9	76	31.4	*4		1	26	20	07	0.3		00.0	J	22.46	A	8.95	D	03	D	0.30	16.1		
22	05	64	16.0	SK	0001	37	02.9	76	31.4	*4		1	26	20	07	0.3		02.0	J	22.13	A	9.08		*	F	0.50	16.3		
22	05	64	16.0	SK	0001	37	02.9	76	31.4	*4		1	26	20	07	0.3		04.0	J	21.84	A	9.33		*	F	0.55	16.3		
22	05	64	16.5	SK	0001	37	02.9	76	31.4	4		1			*	0.3		00.0	J	22.27	A	9.19	D	03	D	0.04	16.6		
22	05	64	16.5	SK	0001	37	02.9	76	31.4	4		1			*	0.3		02.0	J	22.20	A	9.23		*	F	0.55	16.6		
22	05	64	16.5	SK	0001	37	02.9	76	31.4	4		1			*	0.3		04.0	J	22.17	A	9.25		*	F	0.57	16.7		
22	05	64	17.0	SK	0001	37	02.9	76	31.4	*4		1	26	20	07	0.3		00.0	J	22.73	A	8.19	D	05	D	0.04	17.2		
22	05	64	17.0	SK	0001	37	02.9	76	31.4	*4		1	26	20	07	0.3		02.0	J	22.46	A	8.48		*	F	0.59	17.2		
22	05	64	17.0	SK	0001	37	02.9	76	31.4	*4		1	26	20	07	0.3		04.0	J	22.37	A	9.02		*	F	0.50	17.3		
22	05	64	17.5	SK	0001	37	02.9	76	31.4	4		2			*	0.3		00.0	J	22.73	A	7.13	D	01	D	0.05	17.6		
22	05	64	17.5	SK	0001	37	02.9	76	31.4	4		2			*	0.3		02.0	J	22.40	A	7.77		*	F	0.50	17.6		
22	05	64	17.5	SK	0001	37	02.9	76	31.4	4		2			*	0.3		04.0	J	21.93	A	8.95		*	F	0.44	17.8		
22	05	64	18.0	SK	0001	37	02.9	76	31.4	*4		2	26	20	06	0.3		00.0	J	22.60	A	7.71	D	02	D	0.03	18.1		
22	05	64	18.0	SK	0001	37	02.9	76	31.4	*4		2	26	20	06	0.3		02.0	J	22.20	A	8.20		*	F	0.50	18.1		
22	05	64	18.0	SK	0001	37	02.9	76	31.4	*4		2	26	20	06	0.3		04.0	J	22.00	A	8.90		*	F	0.42	18.2		
22	05	64	18.5	SK	0001	37	02.9	76	31.4	4		2			*	0.3		00.0	J	22.57	A	12.59	D	03	D	0.04	18.5		
22	05	64	18.5	SK	0001	37	02.9	76	31.4	4		2			*	0.3		02.0	J	22.07	A	15.86		*	F	0.38	18.6		
22	05	64	18.5	SK	0001	37	02.9	76	31.4	4		2			*	0.3		04.0	J	21.93	A	12.28		*	F	0.35	18.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
22	05	64	19.0	SK	0001	37	02.9	76	31.4	*4		2	17	14	04	0.3		00.0	J	22.00	A	14.54	D	03	D	0.06	18.1		
22	05	64	19.0	SK	0001	37	02.9	76	31.4	*4		2	17	14	04	0.3		02.0	J	21.97	A	11.76		*	F	0.35	18.1		
22	05	64	19.0	SK	0001	37	02.9	76	31.4	*4		2	17	14	04	0.3		04.0	J	21.87	A	13.54		*	F	0.31	18.2		
22	05	64	19.5	SK	0001	37	02.9	76	31.4	4		3			*	0.3		00.0	J	21.90	A	12.33	D	04	D	0.03	19.5		
22	05	64	19.5	SK	0001	37	02.9	76	31.4	4		3			*	0.3		02.0	J	21.84	A	13.28		*	F	0.22	19.6		
22	05	64	19.5	SK	0001	37	02.9	76	31.4	4		3			*	0.3		04.0	J	21.80	A	11.93		*	F	0.22	19.6		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			00.0	B	21.76	B	21.40		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			02.0	B	21.52	B	20.88		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			04.0	B	20.44	B	14.08		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			06.0	B	24.48	B	19.76		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			08.0	B	20.44	B	19.68		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			00.0			R	10.80		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			08.0			R	10.83		*		*	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			00.0			R	10.34	E	27	D	0.42	*		
21	05	64	*	HO	0001	37	02.3	76	28.9	9		*			*			08.0			R	14.89		*		*	*		
22	05	64	*	OB	0001	37	02.5	76	31.7			*			*			00.0			A	9.18		*	D	0.66	*		
22	05	64	*	OB	0001	37	02.5	76	31.7			*			*			02.0			A	9.38		*		*	*		
22	05	64	*	OB	0001	37	02.5	76	31.7			*			*			03.0			A	9.40		*		*	*		
22	05	64	*	OB	0001	37	02.5	76	31.7	4		*			*			00.0			A	8.44		*	D	0.53	*		
22	05	64	*	OB	0001	37	02.5	76	31.7	4		*			*			02.0			A	8.78		*		*	*		
22	05	64	*	OB	0001	37	02.5	76	31.7	4		*			*			03.0			A	8.78		*		*	*		
22	05	64	*	OB	0001	37	02.5	76	31.7	4		*			*			00.0			A	8.19		*	D	0.50	*		
22	05	64	*	OB	0001	37	02.5	76	31.7	4		*			*			02.0			A	9.28		*		*	*		
22	05	64	*	OB	0001	37	02.5	76	31.7	4		*			*			03.0			A	9.27		*		*	*		
22	05	64	*	OB	0001	37	02.5	76	31.7	4		*			*			00.0			A	8.28	F	05	5	*	04.5		
22	05	64	*	OB	0001	37	02.5	76	31.7	4		*			*			02.0			A	8.94	F	04	6	*	03.6		
22	05	64	*	OB	0001	37	02.5	76	31.7	4		*			*			03.0			A	8.94	F	04	7	*	03.7		

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
25	05	64	19.0	HO	0001	37	00.8	76	32.0	2		2	25	9	02	0.8		00.0	B	23.32	B	12.88	E	36	D	0.38	07.1		
25	05	64	19.0	HO	0001	37	00.8	76	32.0	2		2	25	9	02	0.8		02.0	B	22.76	B	13.68	E	36	F	0.35	07.2		
25	05	64	20.0	HO	0001	37	00.8	76	32.0	2		3	24	9	02			00.0	B	22.56	B	14.40	E	26	D	0.51	07.1		
25	05	64	20.0	HO	0001	37	00.8	76	32.0	2		3	24	9	02			02.0	B	21.36	B	17.12		*	F	0.44	07.1		
25	05	64	21.0	HO	0001	37	00.8	76	28.4	*2		*		17	13			00.0	B	21.16	B	18.36	E	26	D	0.56	21.2		
25	05	64	21.0	HO	0001	37	00.8	76	28.4	*2		*		17	13			02.0	B	21.12	B	18.32		*		*	*		
25	05	64	22.0	HO	0001	37	00.8	76	28.4	*2		*		17	10			00.0	B	21.56	B	17.92		*	D	0.68	22.2		
25	05	64	22.0	HO	0001	37	00.8	76	28.4	*2		*		17	10			02.0	B	21.36	B	18.04		*	F	0.82	*		
25	05	64	22.5	HO	0001	37	00.8	76	28.4	*2		*		19	07			00.0	B	21.96	B	16.84		*	D	0.64	22.7		
25	05	64	22.5	HO	0001	37	00.8	76	28.4	*2		*		19	07			02.0	B	21.64	B	17.64		*		*	*		
25	05	64	23.0	HO	0001	37	00.8	76	28.4	*2		*		21	05			00.0	B	21.68	B	17.04		*	D	0.73	23.2		
25	05	64	23.0	HO	0001	37	00.8	76	28.4	*2		*		21	05			02.0	B	21.78	B	17.36		*		*	*		
25	05	64	23.5	HO	0001	37	00.8	76	28.4	*2		*		21	09			00.0	B	21.36	B	16.44		*	D	0.76	23.7		
25	05	64	23.5	HO	0001	37	00.8	76	28.4	*2		*		21	09			02.0	B	21.56	B	17.24		*		*	*		
26	05	64	00.0	HO	0001	37	00.8	76	28.4	2		*			*			00.0	B	22.44	B	14.48		*	D	0.79	00.2		
26	05	64	00.0	HO	0001	37	00.8	76	28.4	2		*			*			02.0	B	21.68	B	16.76		*		*	*		
26	05	64	00.5	HO	0001	37	00.8	76	28.4	2		*			*			00.0	B	22.64	B	14.76		*	D	0.61	00.7		
26	05	64	00.5	HO	0001	37	00.8	76	28.4	2		*			*			02.0	B	21.56	B	17.76		*		*	*		
26	05	64	01.0	HO	0001	37	00.8	76	28.4	2		*			*			00.0	B	22.68	B	13.56		*	D	0.51	01.2		
26	05	64	01.0	HO	0001	37	00.8	76	28.4	2		*			*			02.0	B	21.24	B	17.92		*		*	*		
26	05	64	01.5	HO	0001	37	00.8	76	28.4	2		6			*			00.0	B	22.36	B	12.80	E	19	D	0.60	01.6		
26	05	64	01.5	HO	0001	37	00.8	76	28.4	2		6			*			02.0	B	21.56	B	17.24	E	19	F	0.38	*		
26	05	64	02.0	HO	0001	37	00.8	76	28.4	*2		6	20	34	03			00.0	B	22.36	B	12.07	E	19	D	0.59	02.2		
26	05	64	02.0	HO	0001	37	00.8	76	28.4	*2		6	20	34	03			02.0	B	21.24	B	16.23	E	19	F	0.38	02.2		
26	05	64	02.5	HO	0001	37	00.8	76	28.4	2		6			*			00.0	B	22.32	B	12.58	E	19	D	0.56	02.5		
26	05	64	02.5	HO	0001	37	00.8	76	28.4	2		6			*			02.0	B	21.60	B	16.36	E	19	F	0.27	02.6		
26	05	64	03.0	HO	0001	37	00.8	76	28.4	*2		6	20	34	03			00.0	B	22.12	B	11.63	E	19	D	0.51	03.3		
26	05	64	03.0	HO	0001	37	00.8	76	28.4	*2		6	20	34	03			02.0	B	21.28	B	16.11	E	19	F	0.27	03.3		
26	05	64	03.5	HO	0001	37	00.8	76	28.4	2		6			*			00.0	B	22.20	B	12.24	E	19	D	0.51	03.5		
26	05	64	03.5	HO	0001	37	00.8	76	28.4	2		6			*			02.0	B	21.36	B	16.84	E	19	F	0.27	03.6		
26	05	64	04.0	HO	0001	37	00.8	76	28.4	2		6			*			00.0	B	22.04	B	11.52	E	19	D	0.51	04.1		
26	05	64	04.0	HO	0001	37	00.8	76	28.4	2		6			*			02.0	B	21.36	B	17.20	E	19	F	0.27	04.1		
26	05	64	04.5	HO	0001	37	00.8	76	28.4	*2		7	19	34	05			00.0	B	21.68	B	12.44	E	16	D	0.27	04.6		
26	05	64	04.5	HO	0001	37	00.8	76	28.4	*2		7	19	34	05			02.0	B	21.04	B	17.40	E	16	F	0.15	04.5		
26	05	64	05.0	HO	0001	37	00.8	76	28.4	*2		7	19	35	02			00.0	B	21.80	B	11.81	E	16	D	0.24	05.1		
26	05	64	05.0	HO	0001	37	00.8	76	28.4	*2		7	19	35	02			02.0	B	21.24	B	16.28	E	16	F	0.08	05.1		
26	05	64	05.5	HO	0001	37	00.8	76	28.4	*2		8	19	34	03			00.0	B	21.68	B	12.56	E	19		*	05.3		
26	05	64	05.5	HO	0001	37	00.8	76	28.4	*2		8	19	34	03			02.0	B	21.48	B	15.20	E	36	F	0.10	05.2		
26	05	64	06.0	HO	0001	37	00.8	76	28.4	*2		1	20	32	02	0.8		00.0	B	21.72	B	12.06	E	36	D	0.13	06.1		
26	05	64	06.0	HO	0001	37	00.8	76	28.4	*2		1	20	32	02	0.8		02.0	B	21.72	B	14.52	E	36	F	0.14	06.0		

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
26	05	64	06.5	HO	0001	37	00.8	76	28.4	2		1			*			00.0	B	21.68	B	12.64	E	36	D	0.17	06.6	
26	05	64	06.5	HO	0001	37	00.8	76	28.4	2		1			*			02.0	B	21.76	B	14.12	E	36	F	0.42	06.6	
26	05	64	07.0	HO	0001	37	00.8	76	28.4	*2		1	23	36	03	0.8		00.0	B	21.64	B	12.13	E	36	D	0.34	07.1	
26	05	64	07.0	HO	0001	37	00.8	76	28.4	*2		1	23	36	03	0.8		02.0	B	21.72	B	14.56	E	36	F	0.38	07.1	
26	05	64	07.5	HO	0001	37	00.8	76	28.4	*2		1	26	36	02	1.0		00.0	B	21.72	B	12.92	E	36	D	0.34	*	
26	05	64	07.5	HO	0001	37	00.8	76	28.4	*2		1	26	36	02	1.0		02.0	B	21.80	B	14.08	E	36	F	0.42	*	
26	05	64	08.0	HO	0001	37	00.1	76	28.1	*2		2	26	36	02	1.0		00.0	B	21.84	B	13.00	E	36	D	0.44	08.1	
26	05	64	08.0	HO	0001	37	00.1	76	28.1	*2		2	26	36	02	1.0		02.0	B	21.48	B	15.20	E	36	F	0.38	08.1	
26	05	64	08.5	HO	0001	37	00.8	76	28.4	*2		*	26	36	02	1.2		00.0	B	22.04	B	13.16	E	36	D	0.41	08.6	
26	05	64	08.5	HO	0001	37	00.8	76	28.4	*2		*	26	36	02	1.2		02.0	B	21.68	B	15.92	E	36	F	0.47	08.6	
26	05	64	09.0	HO	0001	37	00.8	76	28.4	2		2	27	4	04	1.0		00.0	B	22.36	B	13.07	E	36	D	0.51	09.1	
26	05	64	09.0	HO	0001	37	00.8	76	28.4	2		2	27	4	04	1.0		02.0	B	22.40	B	15.96		*	F	0.31	09.1	
26	05	64	09.5	HO	0001	37	00.8	76	28.4	2		2	24	4	04	1.4		00.0	B	22.52	B	14.16	E	36	D	0.44	09.5	
26	05	64	09.5	HO	0001	37	00.8	76	28.4	2		2	24	4	04	1.4		02.0	B	21.72	B	16.60		*	F	0.31	09.6	
26	05	64	10.0	HO	0001	37	00.8	76	28.4	2		3			*	1.4		00.0	B	22.68	B	14.56	E	36	D	0.44	10.1	
26	05	64	10.0	HO	0001	37	00.8	76	28.4	2		3			*	1.4		02.0	B	21.80	B	17.12		*	F	0.44	10.1	
26	05	64	10.5	HO	0001	37	00.8	76	28.4	*2		3	23	14	05	1.3		00.0	B	22.80	B	15.16	E	36	D	0.41	10.6	
26	05	64	10.5	HO	0001	37	00.8	76	28.4	*2		3	23	14	05	1.3		00.0	B	22.84	B	15.00		*		*	*	
26	05	64	10.5	HO	0001	37	00.8	76	28.4	*2		3	23	14	05	1.3		00.0	B	22.72	B	15.52		*		*	*	
26	05	64	10.5	HO	0001	37	00.8	76	28.4	*2		3	23	14	05	1.3		02.0	B	22.32	B	16.96		*	F	0.12	10.6	
26	05	64	10.5	HO	0001	37	00.8	76	28.4	*2		3	23	14	05	1.3		02.0	B	21.80	B	17.04		*		*	*	
26	05	64	10.5	HO	0001	37	00.8	76	28.4	*2		3	23	14	05	1.3		02.0	B	21.72	B	17.20		*		*	*	
26	05	64	11.0	HO	0001	37	00.8	76	28.4	*2		4	24	14	05	1.1		02.0			R	16.48		*	F	0.00	11.1	
26	05	64	11.5	HO	0001	37	00.8	76	28.4	*2		5	24	14	05			00.0			R	14.22	E	36	D	0.12	11.7	
26	05	64	11.5	HO	0001	37	00.8	76	28.4	*2		5	24	14	05			02.0			R	16.58	E	18	F	0.10	11.7	
26	05	64	12.0	HO	0001	37	00.8	76	28.4	2		4	24	4	09	1.2		00.0			R	14.65		*	D	0.00	12.0	
26	05	64	12.0	HO	0001	37	00.8	76	28.4	2		4	24	4	09	1.2		02.0			R	16.48	E	18	F	0.10	12.0	
26	05	64	12.5	HO	0001	37	00.8	76	28.4	*2		5	30	23	14	1.0		00.0			R	14.31	E	18	D	0.10	12.5	
26	05	64	12.5	HO	0001	37	00.8	76	28.4	*2		5	30	23	14	1.0		02.0			R	16.24		*	F	0.29	12.5	
26	05	64	13.0	HO	0001	37	00.8	76	28.4	*2		*	29	13	01	0.8		00.0	J	23.85	R	14.54	E	18	D	0.44	13.1	
26	05	64	13.0	HO	0001	37	00.8	76	28.4	*2		*	29	13	01	0.8		02.0			R	15.44		*	F	0.32	13.1	
26	05	64	13.5	HO	0001	37	00.8	76	28.4	2		*	32		00	0.8		00.0	J	24.03	R	14.01	E	18	D	0.51	*	
26	05	64	13.5	HO	0001	37	00.8	76	28.4	2		*	32		00	0.8		02.0			R	14.65		*		*	*	
26	05	64	14.5	HO	0001	37	00.8	76	28.4	2		*	13	5	08			00.0	J	23.18	R	13.35	D	15	D	0.32	14.6	
26	05	64	14.5	HO	0001	37	00.8	76	28.4	2		*	13	5	08			02.0	J	22.90	R	13.73	F	15	F	0.29	14.6	
26	05	64	15.0	HO	0001	37	00.8	76	28.4	*2		*	23	13	05	0.8		00.0	J	23.41	R	13.19	D	15	D	0.34	15.0	
26	05	64	15.0	HO	0001	37	00.8	76	28.4	*2		*	23	13	05	0.8		02.0	J	22.92	R	13.44	D	15	F	0.23	15.0	
26	05	64	15.5	HO	0001	37	00.8	76	28.4	*2		*		13	06	0.8		00.0	J	23.64	R	12.93	D	15	D	0.41	15.5	
26	05	64	15.5	HO	0001	37	00.8	76	28.4	*2		*		13	06	0.8		02.0	J	23.20	R	13.23	F	15	F	0.19	15.5	
26	05	64	16.0	HO	0001	37	00.8	76	28.4	*2		*		21	04	0.8		00.0	J	23.40	R	12.93	D	15	D	0.09	16.1	
26	05	64	16.0	HO	0001	37	00.8	76	28.4	*2		*		21	04	0.8		02.0	J	23.28	R	12.64	F	00	F	0.00	16.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
26	05	64	16.5	HO	0001	37	00.8	76	28.4	*2		*		21	04	0.8		00.0	J	23.35	R	12.64	D	05	D	0.00	16.5		
26	05	64	16.5	HO	0001	37	00.8	76	28.4	*2		*		21	04	0.8		02.0		23.22	R	12.63	F	00	F	0.00	16.5		
26	05	64	17.0	HO	0001	37	00.8	76	28.4	*2		*		21	04	0.8		00.0	J	23.42	B	12.67	D	05	D	0.00	17.1		
26	05	64	17.0	HO	0001	37	00.8	76	28.4	*2		*		21	04	0.8		02.0		23.24	R	12.67	F	00	F	0.00	17.1		
26	05	64	17.5	HO	0001	37	00.8	76	28.4	*2		*		21	07	0.2		00.0	J	23.41	R	12.66	D	15	D	0.09	17.6		
26	05	64	17.5	HO	0001	37	00.8	76	28.4	*2		*		21	07	0.2		02.0	J	23.38	R	12.67	F	15	F	0.00	17.6		
26	05	64	18.0	HO	0001	37	00.8	76	28.4	*2		6		21	06	0.2		00.0	J	23.35	R	13.16	D	15	D	0.86	18.1		
26	05	64	18.0	HO	0001	37	00.8	76	28.4	*2		6		21	06	0.2		02.0	J	23.34	R	13.16	F	15	F	0.14	18.1		
26	05	64	18.5	HO	0001	37	00.8	76	28.4	*2		5		21	06	0.8		00.0	J	23.18	R	12.78	D	15	D	0.62	18.6		
26	05	64	18.5	HO	0001	37	00.8	76	28.4	*2		5		21	06	0.8		02.0	J	23.23	R	12.90	F	15	F	0.22	18.6		
26	05	64	19.0	HO	0001	37	00.8	76	28.4	2		*			*	0.8		00.0	J	23.08	R	13.14	E	15	D	0.58	19.1		
26	05	64	19.0	HO	0001	37	00.8	76	28.4	2		*			*	0.8		02.0	J	23.10	R	13.39	E	15	F	0.30	19.1		
26	05	64	19.5	HO	0001	37	00.8	76	28.4	*2		2		17	07			00.0	J	22.24			E	34	D	0.44	19.7		
26	05	64	19.5	HO	0001	37	00.8	76	28.4	*2		2		17	07			02.0					E	34	F	0.39	*		
26	05	64	20.5	HO	0001	37	00.8	76	28.4	*2		*		17	10			00.0	J	22.12			E	34	D	0.51	20.5		
26	05	64	20.5	HO	0001	37	00.8	76	28.4	*2		*		17	10			02.0	J	22.13			E	34	F	0.59	*		
26	05	64	21.0	HO	0001	37	00.8	76	28.4	*2		*		17	13			00.0	J	21.69	R	15.23	E	35	D	0.38	21.1		
26	05	64	21.0	HO	0001	37	00.8	76	28.4	*2		*		17	13			02.0	J	21.77	R	15.28		*	F	0.59	21.1		
26	05	64	21.5	HO	0001	37	00.8	76	28.4	*2		3		17	08			00.0	J	21.46				*	D	0.51	21.6		
26	05	64	21.5	HO	0001	37	00.8	76	28.4	*2		3		17	08			02.0	J	21.57				*	F	0.44	*		
26	05	64	22.0	HO	0001	37	00.8	76	28.4	*2		3		17	10			00.0	J	21.38	R	15.82		*	D	0.31	22.1		
26	05	64	22.0	HO	0001	37	00.8	76	28.4	*2		3		17	10			02.0	J	21.39	R	13.02		*	F	0.42	*		
26	05	64	22.5	HO	0001	37	00.8	76	28.4	*2		3		19	07			00.0	J	21.42				*	D	0.36	22.6		
26	05	64	22.5	HO	0001	37	00.8	76	28.4	*2		3		19	07			02.0	J	21.40				*	F	0.42	*		
26	05	64	23.5	HO	0001	37	00.8	76	28.4	*2		*		21	09			00.0	J	21.35				*	D	0.13	23.6		
26	05	64	23.5	HO	0001	37	00.8	76	28.4	*2		*		21	09			02.0	J	21.50				*	F	0.07	*		
27	05	64	00.0	HO	0001	37	00.8	76	28.4	*2		4		21	06			00.0	J	21.32	R	16.60	E	34	D	0.00	00.1		
27	05	64	00.0	HO	0001	37	00.8	76	28.4	*2		4		21	06			02.0	J	21.44	R	16.63	E	34	F	0.00	00.1		
27	05	64	00.5	HO	0001	37	00.8	76	28.4	*2		5		20	04			00.0	J	21.34			E	35	D	0.20	00.6		
27	05	64	00.5	HO	0001	37	00.8	76	28.4	*2		5		20	04			02.0	J	21.29				*	F	0.14	00.6		
27	05	64	01.0	HO	0001	37	00.8	76	28.4	2		4			*			00.0	J	21.91	R	14.04		*	D	0.31	*		
27	05	64	01.0	HO	0001	37	00.8	76	28.4	2		4			*			02.0	J	21.43	R	16.52		*	F	0.36	*		
27	05	64	01.6	HO	0001	37	00.8	76	28.4	*2		*		21	03			00.0	J	22.21	R	13.80	D	14	D	0.42	01.6		
27	05	64	01.6	HO	0001	37	00.8	76	28.4	*2		*		21	03			02.0	J	21.11	R	15.97	D	00	D	0.00	*		
27	05	64	02.0	HO	0001	37	00.8	76	28.4	*2		*		21	08			00.0	J	22.16	R	13.33	D	14	D	0.75	02.4		
27	05	64	02.0	HO	0001	37	00.8	76	28.4	*2		*		21	08			02.0	J	21.96	R	14.53	F	14	F	0.00	02.1		
27	05	64	02.5	HO	0001	37	00.8	76	28.4	*2		*		21	09			00.0	J	22.45	R	13.37	D	14	D	0.78	02.5		
27	05	64	02.5	HO	0001	37	00.8	76	28.4	*2		*		21	09			02.0	J	22.23	R	13.14	F	14	F	0.00	02.5		
27	05	64	03.0	HO	0001	37	00.8	76	28.4	*2		*		22	09	,		00.0	J	22.35	R	13.11	D	14	D	1.05	03.0		
27	05	64	03.0	HO	0001	37	00.8	76	28.4	*2		*		22	09	,		02.0	J	22.44	R	13.30	D	14	F	0.00	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
27	05	64	11.0	HO	0001	37	00.8	76	28.4	*3		*		26	08	1.1		00.0	B	22.68	B	13.30		*	D	0.00	11.1		
27	05	64	11.0	HO	0001	37	00.8	76	28.4	*3		*		26	08	1.1		02.0	B	22.40	B	13.62		*	F	0.19	*		
27	05	64	11.0	HO	0001	37	00.8	76	28.4	*3		*		26	08	1.1		03.0	B	22.20	B	13.70		*		*	*		
27	05	64	11.5	HO	0001	37	00.8	76	28.4	*3		*		27	08			00.0	B	22.76	B	14.08	E	32	D	0.09	11.6		
27	05	64	11.5	HO	0001	37	00.8	76	28.4	*3		*		27	08			02.0	B	22.64	B	14.28		*	F	0.19	*		
27	05	64	11.5	HO	0001	37	00.8	76	28.4	*3		*		27	08			03.0	B	22.32	B	14.44		*		*	*		
27	05	64	12.0	HO	0001	37	00.8	76	28.4	*3		*		28	10	1.1		00.0	B	22.72	B	13.55		*	D	0.00	12.1		
27	05	64	12.0	HO	0001	37	00.8	76	28.4	*3		*		28	10	1.1		02.0	B	22.72	B	13.63		*	F	0.10	*		
27	05	64	12.0	HO	0001	37	00.8	76	28.4	*3		*		28	10	1.1		03.0	B	22.72	B	13.67		*		*	*		
27	05	64	14.0	HO	0001	37	00.8	76	28.4	*3		6		27	08	0.8		00.0	B	23.12	B	13.48	D	15	D	0.25	*		
27	05	64	14.0	HO	0001	37	00.8	76	28.4	*3		6		27	08	0.8		02.0	B	23.20	B	13.48		*	F	0.32	14.2		
27	05	64	14.0	HO	0001	37	00.8	76	28.4	*3		6		27	08	0.8		03.0	B	23.40	B	13.44		*		*	*		
27	05	64	14.5	HO	0001	37	00.8	76	28.4	3		6			*			00.0	B	23.20	B	13.64	D	22	D	0.29	14.6		
27	05	64	14.5	HO	0001	37	00.8	76	28.4	3		6			*			02.0	B	23.28	B	13.64		*		*	*		
27	05	64	14.5	HO	0001	37	00.8	76	28.4	3		6			*			03.0	B	23.40	B	13.64		*		*	*		
27	05	64	15.0	HO	0001	37	00.8	76	28.4	*3		7	32	27	*	0.6		00.0	B	23.00	B	12.86	D	22	D	0.26	*		
27	05	64	15.0	HO	0001	37	00.8	76	28.4	*3		7	32	27	*	0.6		02.0	B	23.04	B	13.80		*	F	0.36	15.0		
27	05	64	15.0	HO	0001	37	00.8	76	28.4	*3		7	32	27	*	0.6		03.0	B	23.12	B	13.94		*		*	*		
27	05	64	15.5	HO	0001	37	00.8	76	28.4	3		7			*			00.0	B	23.16	B	13.04	D	21	D	0.23	*		
27	05	64	15.5	HO	0001	37	00.8	76	28.4	3		7			*			02.0	B	23.20	B	13.00		*		*	*		
27	05	64	15.5	HO	0001	37	00.8	76	28.4	3		7			*			03.0	B	23.24	B	13.00		*		*	*		
27	05	64	16.0	HO	0001	37	00.8	76	28.4	*3		7		27	06	0.6		00.0	B	23.24	B	12.84	D	21	D	0.78	*		
27	05	64	16.0	HO	0001	37	00.8	76	28.4	*3		7		27	06	0.6		02.0	B	23.28	B	12.88		*	F	0.22	16.0		
27	05	64	16.0	HO	0001	37	00.8	76	28.4	*3		7		27	06	0.6		03.0	B	23.32	B	12.84		*		*	*		
27	05	64	16.5	HO	0001	37	00.8	76	28.4	3		7			*			00.0	B	23.28	B	12.44	D	22	D	0.15	*		
27	05	64	16.5	HO	0001	37	00.8	76	28.4	3		7			*			02.0	B	23.32	B	12.48		*		*	*		
27	05	64	16.5	HO	0001	37	00.8	76	28.4	3		7			*			03.0	B	23.40	B	12.60		*		*	*		
27	05	64	17.0	HO	0001	37	00.8	76	28.4	*3		7		27	03	0.7		00.0	B	23.32	B	12.16	D	22	D	0.09	*		
27	05	64	17.0	HO	0001	37	00.8	76	28.4	*3		7		27	03	0.7		02.0	B	23.28	B	12.24		*	F	0.12	17.0		
27	05	64	17.0	HO	0001	37	00.8	76	28.4	*3		7		27	03	0.7		03.0	B	23.32	B	12.44		*		*	*		
27	05	64	17.5	HO	0001	37	00.8	76	28.4	3		8			*			00.0	B	23.44	B	12.20		*		*	*		
27	05	64	17.5	HO	0001	37	00.8	76	28.4	3		8			*			02.0	B	23.36	B	12.40		*		*	*		
27	05	64	17.5	HO	0001	37	00.8	76	28.4	3		8			*			03.0	B	23.44	B	12.52		*		*	*		
27	05	64	18.0	HO	0001	37	00.8	76	28.4	*3		1		27	04	0.7		00.0	B	23.36	B	11.88	D	05	D	0.09	*		
27	05	64	18.0	HO	0001	37	00.8	76	28.4	*3		1		27	04	0.7		02.0	B	23.36	B	12.32		*	F	0.17	18.0		
27	05	64	18.0	HO	0001	37	00.8	76	28.4	*3		1		27	04	0.7		03.0	B	23.28	B	12.44		*		*	*		
27	05	64	18.5	HO	0001	37	00.8	76	28.4	3		1			*			00.0	B	23.08	B	13.08	D	05	D	0.21	*		
27	05	64	18.5	HO	0001	37	00.8	76	28.4	3		1			*			02.0	B	23.12	B	13.08		*		*	*		
27	05	64	18.5	HO	0001	37	00.8	76	28.4	3		1			*			03.0	B	23.16	B	13.12		*		*	*		
27	05	64	19.0	HO	0001	37	00.8	76	28.4	*3		3		27	07			00.0	B	23.00	B	13.72	D	05	D	0.62	19.1		
27	05	64	19.0	HO	0001	37	00.8	76	28.4	*3		3		27	07			02.0	B	23.00	B	13.80		*		*	*		
27	05	64	19.0	HO	0001	37	00.8	76	28.4	*3		3		27	07			02.0	B	23.08	B	13.80		*		*	*		
27	05	64	19.5	HO	0001	37	00.8	76	28.4	*3		*		26	07			00.0	B	22.64	B	13.56	D	05	D	0.59	19.6		
27	05	64	19.5	HO	0001	37	00.8	76	28.4	*3		*		26	07			02.0	B	22.84	B	13.84		*		*	*		
27	05	64	19.5	HO	0001	37	00.8	76	28.4	*3		*		26	07			03.0	B	22.88	B	13.64		*		*	*		
27	05	64	20.0	HO	0001	37	00.8	76	28.4	*		*		25	05			00.0	B	22.24	B	13.32	D	05	D	0.46	20.1		
27	05	64	20.0	HO	0001	37	00.8	76	28.4	*		*		25	05			02.0	B	22.44	B	13.76		*		*	*		
27	05	64	20.0	HO	0001	37	00.8	76	28.4	*		*		25	05			03.0	B	22.36	B	13.52		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
27	05	64	20.5	HO	0001	37	00.8	76	28.4	*2	*		25	08		00.0	B	22.20	B	13.16	E	34	D	0.44	20.5
27	05	64	20.5	HO	0001	37	00.8	76	28.4	*2	*		25	08		02.0	B	22.12	B	13.76	E	34	F	0.25	20.6
27	05	64	20.5	HO	0001	37	00.8	76	28.4	*2	*		25	08		03.0	B	21.84	B	14.72		*		*	*
27	05	64	21.0	HO	0001	37	00.8	76	28.4	*	*		25	06		00.0	B	21.84	B	14.64	E	34	D	0.52	21.1
27	05	64	21.0	HO	0001	37	00.8	76	28.4	*	*		25	06		02.0	B	21.60	B	16.00	E	34	F	0.35	21.2
27	05	64	21.0	HO	0001	37	00.8	76	28.4	*	*		25	06		03.0	B	21.44	B	16.40		*		*	*
27	05	64	21.5	HO	0001	37	00.8	76	28.4	*3	3		25	06		00.0	B	21.60	B	16.64	E	34	D	0.41	21.6
27	05	64	21.5	HO	0001	37	00.8	76	28.4	*3	3		25	06		02.0	B	21.48	B	16.52	E	34	F	0.23	21.6
27	05	64	21.5	HO	0001	37	00.8	76	28.4	*3	3		25	06		03.0	B	21.40	B	16.60		*		*	*
27	05	64	22.0	HO	0001	37	00.8	76	28.4	*3	*		23	06		00.0	B	21.32	B	16.80	E	34	D	0.35	22.1
27	05	64	22.0	HO	0001	37	00.8	76	28.4	*3	*		23	06		02.0	B	21.36	B	16.92	E	34	F	0.20	22.0
27	05	64	22.0	HO	0001	37	00.8	76	28.4	*3	*		23	06		03.0	B	21.40	B	16.72		*		*	*
27	05	64	22.5	HO	0001	37	00.8	76	28.4	*3	*		23	07		00.0	B	21.32	B	17.04	E	34	D	0.34	22.5
27	05	64	22.5	HO	0001	37	00.8	76	28.4	*3	*		23	07		02.0	B	21.28	B	17.00	E	34	F	0.23	22.5
27	05	64	22.5	HO	0001	37	00.8	76	28.4	*3	*		23	07		03.0	B	21.36	B	17.02		*		*	*
27	05	64	23.0	HO	0001	37	00.8	76	28.4	*3	*		23	07		00.0	B	21.16	B	17.40	E	34	D	0.28	23.1
27	05	64	23.0	HO	0001	37	00.8	76	28.4	*3	*		23	07		02.0	B	21.20	B	17.44	E	34	F	0.10	23.0
27	05	64	23.0	HO	0001	37	00.8	76	28.4	*3	*		23	07		03.0	B	21.12	B	17.48		*		*	*
27	05	64	23.5	HO	0001	37	00.8	76	28.4	*3	*		23	08		00.0	B	21.28	B	17.64	E	34	D	0.00	23.6
27	05	64	23.5	HO	0001	37	00.8	76	28.4	*3	*		23	08		02.0	B	21.20	B	17.68	E	34	F	0.10	23.5
27	05	64	23.5	HO	0001	37	00.8	76	28.4	*3	*		23	08		03.0	B	21.20	B	17.68		*		*	*
28	05	64	00.0	HO	0001	37	00.8	76	28.4	*3	*		23	07		00.0	B	21.08	B	17.72	E	00	D	0.00	00.1
28	05	64	00.0	HO	0001	37	00.8	76	28.4	*3	*		23	07		02.0	B	21.08	B	17.80	E	34	F	0.07	00.1
28	05	64	00.0	HO	0001	37	00.8	76	28.4	*3	*		23	07		03.0	B	21.12	B	17.76		*		*	*
28	05	64	00.5	HO	0001	37	00.8	76	28.4	3	*			*		00.0	B	21.08	B	18.00	E	00	D	0.00	00.6
28	05	64	00.5	HO	0001	37	00.8	76	28.4	3	*			*		02.0	B	21.08	B	17.84	E	00	F	0.00	00.6
28	05	64	00.5	HO	0001	37	00.8	76	28.4	3	*			*		03.0	B	21.08	B	17.88		*		*	*
26	05	64	20.0	HO	0001	37	00.8	76	28.4	*2	2		17	11		00.0	J	22.44	R	13.14	E	34	D	0.56	20.1
26	05	64	20.0	HO	0001	37	00.8	76	28.4	*2	2		17	11		02.0	J	22.57	R	13.39		*	F	0.63	*
25	05	64	19.0	LA	0001	37	00.7	76	28.7	5	2	25	9	02		00.0	C	23.62	C	10.83		*		*	*
25	05	64	19.0	LA	0001	37	00.7	76	28.7	5	2	25	9	02		02.0	C	22.58	C	12.94		*		*	*
25	05	64	19.0	LA	0001	37	00.7	76	28.7	5	2	25	9	02		03.0	C	22.10	C	14.26		*		*	*
25	05	64	19.0	LA	0001	37	00.7	76	28.7	5	2	25	9	02		04.0	C	21.88	C	14.42		*		*	*
25	05	64	19.0	LA	0001	37	00.7	76	28.7	5	2	25	9	02		05.0	C	21.16	C	16.21		*		*	*
25	05	64	20.0	LA	0001	37	00.7	76	28.7	5	2	24	9	02		05.0	C	23.12	C	12.68		*		*	*
25	05	64	21.0	LA	0001	37	00.7	76	28.7	*5	2	23	10	02		00.0	C	22.02	C	15.49		*		*	*
25	05	64	21.0	LA	0001	37	00.7	76	28.7	*5	2	23	10	02		02.0	C	21.84	C	16.23		*		*	*
25	05	64	21.0	LA	0001	37	00.7	76	28.7	*5	2	23	10	02		03.0	C	21.70	C	16.62		*		*	*
25	05	64	21.0	LA	0001	37	00.7	76	28.7	*5	2	23	10	02		04.0	C	21.66	C	16.68		*		*	*
25	05	64	21.0	LA	0001	37	00.7	76	28.7	*5	2	23	10	02		05.0	C	21.66	C	16.74		*		*	*
25	05	64	23.5	LA	0001	37	00.7	76	28.7	*6	3	22	32	03		00.0	C	21.60	C	15.83	D	17	D	0.09	23.7
25	05	64	23.5	LA	0001	37	00.7	76	28.7	*6	3	22	32	03		02.0	C	21.70	C	16.39		*		*	*
25	05	64	23.5	LA	0001	37	00.7	76	28.7	*6	3	22	32	03		03.0	C	21.75	C	16.48		*		*	*
25	05	64	23.5	LA	0001	37	00.7	76	28.7	*6	3	22	32	03		04.0	C	21.70	C	16.86		*		*	*
25	05	64	23.5	LA	0001	37	00.7	76	28.7	*6	3	22	32	03		05.0	C	21.76	C	17.26		*		*	*
25	05	64	23.5	LA	0001	37	00.7	76	28.7	*6	3	22	32	03		06.0	C	21.68	C	17.30		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
26	05	64	00.1	LA	0001	37	00.7	76	28.7	*6		5	22	32	04			00.0	C	22.36	C	12.68	D	15	D	0.38	00.5	
26	05	64	00.1	LA	0001	37	00.7	76	28.7	*6		5	22	32	04			02.0	C	21.90	C	15.39		*		*	*	
26	05	64	00.1	LA	0001	37	00.7	76	28.7	*6		5	22	32	04			04.0	C	21.80	C	16.33		*		*	*	
26	05	64	00.1	LA	0001	37	00.7	76	28.7	*6		5	22	32	04			05.0	C	21.70	C	17.24		*		*	*	
26	05	64	00.1	LA	0001	37	00.7	76	28.7	*6		5	22	32	04			06.0	C	21.66	C	17.24		*		*	*	
26	05	64	01.0	LA	0001	37	00.7	76	28.7	6		6			*			00.0	C	23.18	C	11.62		*		*	*	
26	05	64	01.0	LA	0001	37	00.7	76	28.7	6		6			*			02.0	C	22.74	C	13.44		*		*	*	
26	05	64	01.0	LA	0001	37	00.7	76	28.7	6		6			*			03.0	C	21.82	C	16.21		*		*	*	
26	05	64	01.0	LA	0001	37	00.7	76	28.7	6		6			*			04.0	C	21.64	C	16.79		*		*	*	
26	05	64	01.0	LA	0001	37	00.7	76	28.7	6		6			*			05.0	C	21.58	C	16.97		*		*	*	
26	05	64	01.0	LA	0001	37	00.7	76	28.7	6		6			*			06.0	C	21.58	C	17.02		*		*	*	
26	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	03			00.0	C	22.48	C	12.97		*		*	*	
26	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	03			02.0	C	22.34	C	13.91		*		*	*	
26	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	03			03.0	C	21.78	C	15.61		*		*	*	
26	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	03			04.0	C	21.44	C	16.88		*		*	*	
26	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	03			05.0	C	21.42	C	16.93		*		*	*	
26	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	03			06.0	C	21.42	C	16.92		*		*	*	
26	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	04			00.0	C	22.50	C	12.32	E	14	D	0.34	*	
26	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	04			02.0	C	22.14	C	13.56		*		*	*	
26	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	04			03.0	C	21.34	C	16.70		*		*	*	
26	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	04			04.0	C	21.30	C	16.81		*		*	*	
26	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	04			05.0	C	21.30	C	16.81		*		*	*	
26	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		7	20	34	04			06.0	C	21.30	C	16.81		*		*	*	
26	05	64	04.5	LA	0001	37	00.7	76	28.7	*6		7	19	34	05			00.0	C	22.52	C	11.48	E	13	D	0.10	04.8	
26	05	64	04.5	LA	0001	37	00.7	76	28.7	*6		7	19	34	05			02.0	C	21.60	C	15.00		*		*	*	
26	05	64	04.5	LA	0001	37	00.7	76	28.7	*6		7	19	34	05			03.0	C	21.20	C	16.63		*		*	*	
26	05	64	04.5	LA	0001	37	00.7	76	28.7	*6		7	19	34	05			04.0	C	21.12	C	16.85		*		*	*	
26	05	64	04.5	LA	0001	37	00.7	76	28.7	*6		7	19	34	05			05.0	C	21.10	C	17.02		*		*	*	
26	05	64	04.5	LA	0001	37	00.7	76	28.7	*6		7	19	34	05			06.0	C	21.04	C	17.09		*		*	*	
26	05	64	05.0	LA	0001	37	00.7	76	28.7	*6		7	19	35	02			00.0	C	22.42	C	16.86		*	D	0.00	*	
26	05	64	05.0	LA	0001	37	00.7	76	28.7	*6		7	19	35	02			02.0	C	22.10	C	12.87		*		*	*	
26	05	64	05.0	LA	0001	37	00.7	76	28.7	*6		7	19	35	02			03.0	C	21.34	C	16.25		*		*	*	
26	05	64	05.0	LA	0001	37	00.7	76	28.7	*6		7	19	35	02			04.0	C	21.06	C	17.09		*		*	*	
26	05	64	05.0	LA	0001	37	00.7	76	28.7	*6		7	19	35	02			05.0	C	21.06	C	17.15		*		*	*	
26	05	64	05.0	LA	0001	37	00.7	76	28.7	*6		7	19	35	02			06.0	C	21.06	C	17.17		*		*	*	
26	05	64	05.5	LA	0001	37	00.7	76	28.7	*6		8	19	34	03	0.7		00.0	C	22.38	C	11.42		*	D	0.00	*	
26	05	64	05.5	LA	0001	37	00.7	76	28.7	*6		8	19	34	03	0.7		02.0	C	22.40	C	11.48		*		*	*	
26	05	64	05.5	LA	0001	37	00.7	76	28.7	*6		8	19	34	03	0.7		03.0	C	21.38	C	16.09		*		*	*	
26	05	64	05.5	LA	0001	37	00.7	76	28.7	*6		8	19	34	03	0.7		04.0	C	21.34	C	16.30		*		*	*	
26	05	64	05.5	LA	0001	37	00.7	76	28.7	*6		8	19	34	03	0.7		05.0	C	21.18	C	17.15		*		*	*	
26	05	64	05.5	LA	0001	37	00.7	76	28.7	*6		8	19	34	03	0.7		06.0	C	21.14	C	17.22		*		*	*	
26	05	64	06.0	LA	0001	37	00.7	76	28.7	*6		8	20	32	02	0.7		00.0	C	22.32	C	11.48	E	29	D	0.11	06.2	
26	05	64	06.0	LA	0001	37	00.7	76	28.7	*6		8	20	32	02	0.7		02.0	C	22.42	C	11.61		*		*	*	
26	05	64	06.0	LA	0001	37	00.7	76	28.7	*6		8	20	32	02	0.7		03.0	C	22.30	C	12.68		*		*	*	
26	05	64	06.0	LA	0001	37	00.7	76	28.7	*6		8	20	32	02	0.7		04.0	C	21.60	C	15.58		*		*	*	
26	05	64	06.0	LA	0001	37	00.7	76	28.7	*6		8	20	32	02	0.7		05.0	C	21.48	C	15.87		*		*	*	
26	05	64	06.0	LA	0001	37	00.7	76	28.7	*6		8	20	32	02	0.7		06.0	C	21.42	C	16.30		*		*	*	
26	05	64	07.1	LA	0001	37	00.7	76	28.7	45		1	23	36	03	0.9		00.0	C	22.34	C	11.84		*	D	0.43	07.4	
26	05	64	07.1	LA	0001	37	00.7	76	28.7	45		1	23	36	03	0.9		02.0	C	22.20	C	13.82		*		*	*	
26	05	64	07.1	LA	0001	37	00.7	76	28.7	45		1	23	36	03	0.9		03.0	C	21.98	C	14.51		*		*	*	
26	05	64	07.1	LA	0001	37	00.7	76	28.7	45		1	23	36	03	0.9		04.0	C	21.94	C	14.67		*		*	*	
26	05	64	07.1	LA	0001	37	00.7	76	28.7	45		1	23	36	03	0.9		04.5	C	21.76	C	15.46		*		*	*	
26	05	64	07.7	LA	0001	37	00.7	76	28.7	45		1	26	36	02	1.0		00.0	C	22.36	C	12.15		*	D	0.50	07.9	
26	05	64	07.7	LA	0001	37	00.7	76	28.7	45		1	26	36	02	1.0		02.0	C	22.06	C	13.83		*		*	*	
26	05	64	07.7	LA	0001	37	00.7	76	28.7	45		1	26	36	02	1.0		03.0	C	21.86	C	14.73		*		*	*	
26	05	64	07.7	LA	0001	37	00.7	76	28.7	45		1	26	36	02	1.0		04.0	C	21.56	C	16.34		*		*	*	
26	05	64	07.7	LA	0001	37	00.7	76	28.7	45		1	26	36	02	1.0		04.5	C	21.40	C	16.83		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
26	05	64	08.2	LA	0001	37	00.7	76	28.7	45	1	26	36	02	1.0	00.0	C	22.40	C	12.17		*	D	0.59	08.0
26	05	64	08.2	LA	0001	37	00.7	76	28.7	45	1	26	36	02	1.0	02.0	C	21.82	C	15.04		*		*	*
26	05	64	08.2	LA	0001	37	00.7	76	28.7	45	1	26	36	02	1.0	03.0	C	21.80	C	15.12		*		*	*
26	05	64	08.2	LA	0001	37	00.7	76	28.7	45	1	26	36	02	1.0	04.0	C	21.72	C	15.44		*		*	*
26	05	64	08.2	LA	0001	37	00.7	76	28.7	45	1	26	36	02	1.0	04.5	C	21.70	C	15.64		*		*	*
26	05	64	08.6	LA	0001	37	00.7	76	28.7	45	1	26	36	02	1.0	00.0	C	22.48	C	12.26		*	D	0.47	08.7
26	05	64	08.6	LA	0001	37	00.7	76	28.7	45	1	26	36	02	1.0	02.0	C	21.88	C	14.68		*		*	*
26	05	64	08.6	LA	0001	37	00.7	76	28.7	45	1	26	36	02	1.0	03.0	C	21.80	C	15.03		*		*	*
26	05	64	08.6	LA	0001	37	00.7	76	28.7	45	1	26	36	02	1.0	04.0	C	21.72	C	15.36		*		*	*
26	05	64	08.6	LA	0001	37	00.7	76	28.7	45	1	26	36	02	1.0	04.5	C	21.52	C	16.49		*		*	*
26	05	64	09.0	LA	0001	37	00.7	76	28.7	48	2	27	*4	04	1.3	00.0	C	22.49	C	12.51	E	32	D	0.48	09.3
26	05	64	09.0	LA	0001	37	00.7	76	28.7	48	2	27	*4	04	1.3	02.0	C	23.50	C	13.49		*		*	*
26	05	64	09.0	LA	0001	37	00.7	76	28.7	48	2	27	*4	04	1.3	03.0	C	23.70	C	13.41		*		*	*
26	05	64	09.0	LA	0001	37	00.7	76	28.7	48	2	27	*4	04	1.3	04.0	C	24.53	C	13.08		*		*	*
26	05	64	09.0	LA	0001	37	00.7	76	28.7	48	2	27	*4	04	1.3	04.8	C	25.52	C	12.72		*		*	*
26	05	64	09.6	LA	0001	37	00.7	76	28.7	5	2	24	4	04	1.3	00.0	C	22.26	C	14.25	E	32	D	0.52	09.8
26	05	64	09.6	LA	0001	37	00.7	76	28.7	5	2	24	4	04	1.3	02.0	C	21.78	C	15.30		*		*	*
26	05	64	09.6	LA	0001	37	00.7	76	28.7	5	2	24	4	04	1.3	03.0	C	21.70	C	15.75		*		*	*
26	05	64	09.6	LA	0001	37	00.7	76	28.7	5	2	24	4	04	1.3	04.0	C	21.59	C	16.06		*		*	*
26	05	64	09.6	LA	0001	37	00.7	76	28.7	5	2	24	4	04	1.3	05.0	C	21.54	C	16.24		*		*	*
26	05	64	10.1	LA	0001	37	00.7	76	28.7	5	2			*		00.0	C	22.10	C	14.21	E	32	D	0.43	10.3
26	05	64	10.1	LA	0001	37	00.7	76	28.7	5	2			*		02.0	C	21.80	C	15.22		*		*	*
26	05	64	10.1	LA	0001	37	00.7	76	28.7	5	2			*		03.0	C	21.66	C	15.55		*		*	*
26	05	64	10.1	LA	0001	37	00.7	76	28.7	5	2			*		04.0	C	21.63	C	15.87		*		*	*
26	05	64	10.1	LA	0001	37	00.7	76	28.7	5	2			*		05.0	C	21.60	C	15.96		*		*	*
26	05	64	10.5	LA	0001	37	00.7	76	28.7	*5	2	23	14	05	1.0	00.0	C	22.42	C	14.20	E	23	D	0.19	*
26	05	64	10.5	LA	0001	37	00.7	76	28.7	*5	2	23	14	05	1.0	02.0	C	21.78	C	15.23		*		*	*
26	05	64	10.5	LA	0001	37	00.7	76	28.7	*5	2	23	14	05	1.0	03.0	C	21.70	C	15.64		*		*	*
26	05	64	10.5	LA	0001	37	00.7	76	28.7	*5	2	23	14	05	1.0	04.0	C	21.68	C	15.72		*		*	*
26	05	64	10.5	LA	0001	37	00.7	76	28.7	*5	2	23	14	05	1.0	05.0	C	21.50	C	16.10		*		*	*
26	05	64	11.0	LA	0001	37	00.7	76	28.7	*5	2	24	14	05	1.0	00.0	C	22.92	C	13.70	E	23	D	0.83	11.1
26	05	64	11.0	LA	0001	37	00.7	76	28.7	*5	2	24	14	05	1.0	02.0	C	21.86	C	15.01		*		*	*
26	05	64	11.0	LA	0001	37	00.7	76	28.7	*5	2	24	14	05	1.0	03.0	C	21.72	C	14.07		*		*	*
26	05	64	11.0	LA	0001	37	00.7	76	28.7	*5	2	24	14	05	1.0	04.0	C	21.68	C	15.76		*		*	*
26	05	64	11.0	LA	0001	37	00.7	76	28.7	*5	2	24	14	05	1.0	05.0	C	21.56	C	16.20		*		*	*
26	05	64	11.3	LA	0001	37	00.7	76	28.7	*5	8	24	14	05	1.0	00.0	C	22.98	C	13.39	E	23	D	0.00	*
26	05	64	11.3	LA	0001	37	00.7	76	28.7	*5	8	24	14	05	1.0	02.0	C	21.94	C	15.35		*		*	*
26	05	64	11.3	LA	0001	37	00.7	76	28.7	*5	8	24	14	05	1.0	03.0	C	21.62	C	16.30		*		*	*
26	05	64	11.3	LA	0001	37	00.7	76	28.7	*5	8	24	14	05	1.0	04.0	C	21.60	C	16.40		*		*	*
26	05	64	11.3	LA	0001	37	00.7	76	28.7	*5	8	24	14	05	1.0	05.0	C	21.61	C	16.41		*		*	*
26	05	64	12.0	LA	0001	37	00.7	76	28.7	*5	8	24	14	05	0.1	00.0	C	23.08	C	13.47	E	26	D	0.00	*
26	05	64	12.0	LA	0001	37	00.7	76	28.7	*5	8	24	14	05	0.1	02.0	C	22.52	C	14.26		*		*	*
26	05	64	12.0	LA	0001	37	00.7	76	28.7	*5	8	24	14	05	0.1	03.0	C	22.14	C	14.66		*		*	*
26	05	64	12.0	LA	0001	37	00.7	76	28.7	*5	8	24	14	05	0.1	04.0	C	21.84	C	16.08		*		*	*
26	05	64	12.0	LA	0001	37	00.7	76	28.7	*5	8	24	14	05	0.1	05.0	C	21.72	C	16.23		*		*	*
26	05	64	12.6	LA	0001	37	00.7	76	28.7	*5	1	30	23	07	0.1	00.0	C	23.08	C	13.17	E	26		*	*
26	05	64	12.6	LA	0001	37	00.7	76	28.7	*5	1	30	23	07	0.1	02.0	C	23.06	C	13.33		*		*	*
26	05	64	12.6	LA	0001	37	00.7	76	28.7	*5	1	30	23	07	0.1	03.0	C	22.96	C	14.07		*		*	*
26	05	64	12.6	LA	0001	37	00.7	76	28.7	*5	1	30	23	07	0.1	04.0	C	22.82	C	15.90		*		*	*
26	05	64	12.6	LA	0001	37	00.7	76	28.7	*5	1	30	23	07	0.1	05.0	C	21.86	C	15.63		*		*	*
26	05	64	13.0	LA	0001	37	00.7	76	28.7	*5	5	29	13	01	1.1	00.0	C	23.05	C	13.71	E	16	D	0.40	13.3
26	05	64	13.0	LA	0001	37	00.7	76	28.7	*5	5	29	13	01	1.1	02.0	C	23.20	C	13.41		*		*	*
26	05	64	13.0	LA	0001	37	00.7	76	28.7	*5	5	29	13	01	1.1	03.0	C	23.14	C	13.80		*		*	*
26	05	64	13.0	LA	0001	37	00.7	76	28.7	*5	5	29	13	01	1.1	04.0	C	22.40	C	15.01		*		*	*
26	05	64	13.0	LA	0001	37	00.7	76	28.7	*5	5	29	13	01	1.1	05.0	C	22.26	C	15.09		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC		
26	05	64	13.5	LA	0001	37	00.7	76	28.7	5		5	32		00	1.2		00.0	C	23.60	A	13.60	E	13	D	0.38	*	
26	05	64	13.5	LA	0001	37	00.7	76	28.7	5		5	32		00	1.2		02.0	C	23.34	C	14.02		*		*	*	
26	05	64	13.5	LA	0001	37	00.7	76	28.7	5		5	32		00	1.2		03.0	C	23.00	C	14.03		*		*	*	
26	05	64	13.5	LA	0001	37	00.7	76	28.7	5		5	32		00	1.2		04.0	C	22.44	C	15.06		*		*	*	
26	05	64	13.5	LA	0001	37	00.7	76	28.7	5		5	32		00	1.2		05.0	C	21.65	C	12.43		*		*	*	
26	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	33	17	04	1.2		00.0	C	24.24	C	12.95	E	13	D	0.34	*	
26	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	33	17	04	1.2		02.0	C	23.16	C	13.79		*		*	*	
26	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	33	17	04	1.2		03.0	C	22.98	C	14.12		*		*	*	
26	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	33	17	04	1.2		04.0	C	22.18	C	15.44		*		*	*	
26	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	33	17	04	1.2		05.0	C	21.52	C	16.53		*		*	*	
26	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	33	17	04	1.2		06.0	C	21.52	C	16.55		*		*	*	
26	05	64	14.6	LA	0001	37	00.7	76	28.7	*6		5	24	13	05	0.8		00.0	C	23.12	C	13.69		*		*	*	
26	05	64	14.6	LA	0001	37	00.7	76	28.7	*6		5	24	13	05	0.8		01.0	C	23.00	C	13.71		*		*	*	
26	05	64	14.6	LA	0001	37	00.7	76	28.7	*6		5	24	13	05	0.8		02.0	C	22.94	C	13.73		*		*	*	
26	05	64	14.6	LA	0001	37	00.7	76	28.7	*6		5	24	13	05	0.8		03.0	C	22.92	C	13.76		*		*	*	
26	05	64	14.6	LA	0001	37	00.7	76	28.7	*6		5	24	13	05	0.8		04.0	C	21.70	C	16.01		*		*	*	
26	05	64	14.6	LA	0001	37	00.7	76	28.7	*6		5	24	13	05	0.8		05.0	C	21.54	C	16.33		*		*	*	
26	05	64	14.6	LA	0001	37	00.7	76	28.7	*6		5	24	13	05	0.8		06.0	C	21.50	C	16.48		*		*	*	
26	05	64	15.0	LA	0001	37	00.7	76	28.7	*6		*	23	13	05			00.0	C	23.18	C	13.35		*		*	*	
26	05	64	15.0	LA	0001	37	00.7	76	28.7	*6		*	23	13	05			02.0	C	23.06	C	13.42		*		*	*	
26	05	64	15.0	LA	0001	37	00.7	76	28.7	*6		*	23	13	05			04.0	C	22.94	C	13.54		*		*	*	
26	05	64	15.0	LA	0001	37	00.7	76	28.7	*6		*	23	13	05			05.0	C	22.28	C	15.92		*		*	*	
26	05	64	15.0	LA	0001	37	00.7	76	28.7	*6		*	23	13	05			06.0	C	21.46	C	16.49		*		*	*	
26	05	64	15.7	LA	0001	37	00.7	76	28.7	*5		7		13	06	0.9		00.0	C	23.30	C	12.99	F	19	D	0.17	15.8	
26	05	64	15.7	LA	0001	37	00.7	76	28.7	*5		7		13	06	0.9		02.0	C	23.24	C	13.02		*		*	*	
26	05	64	15.7	LA	0001	37	00.7	76	28.7	*5		7		13	06	0.9		03.0	C	23.20	C	13.10		*		*	*	
26	05	64	15.7	LA	0001	37	00.7	76	28.7	*5		7		13	06	0.9		04.0	C	23.02	C	13.24		*		*	*	
26	05	64	15.7	LA	0001	37	00.7	76	28.7	*5		7		13	06	0.9		05.0	C	21.86	C	15.77		*		*	*	
26	05	64	16.2	LA	0001	37	00.7	76	28.7	*5		1		21	04			00.0	C	23.28	C	12.85	D	22	D	0.13	16.3	
26	05	64	16.2	LA	0001	37	00.7	76	28.7	*5		1		21	04			02.0	C	23.28	C	12.90		*		*	*	
26	05	64	16.2	LA	0001	37	00.7	76	28.7	*5		1		21	04			03.0	C	23.24	C	12.89		*		*	*	
26	05	64	16.2	LA	0001	37	00.7	76	28.7	*5		1		21	04			04.0	C	21.52	C	16.18		*		*	*	
26	05	64	16.2	LA	0001	37	00.7	76	28.7	*5		1		21	04			05.0	C	21.48	C	16.34		*		*	*	
26	05	64	16.5	LA	0001	37	00.7	76	28.7	*5		1		21	04	0.9		00.0	C	23.44	C	13.48	D	23	D	0.09	16.6	
26	05	64	16.5	LA	0001	37	00.7	76	28.7	*5		1		21	04	0.9		02.0	C	23.36	C	12.58		*		*	*	
26	05	64	16.5	LA	0001	37	00.7	76	28.7	*5		1		21	04	0.9		03.0	C	23.20	C	12.82		*		*	*	
26	05	64	16.5	LA	0001	37	00.7	76	28.7	*5		1		21	04	0.9		04.0	C	21.59	C	16.10		*		*	*	
26	05	64	16.5	LA	0001	37	00.7	76	28.7	*5		1		21	04	0.9		05.0	C	21.44	C	16.35		*		*	*	
26	05	64	17.0	LA	0001	37	00.7	76	28.7	*5		1		21	07	0.9		00.0	C	23.46	C	12.43	D	28	D	0.13	17.3	
26	05	64	17.0	LA	0001	37	00.7	76	28.7	*5		1		21	07	0.9		02.0	C	23.34	C	12.53		*		*	*	
26	05	64	17.0	LA	0001	37	00.7	76	28.7	*5		1		21	07	0.9		03.0	C	23.18	C	12.82		*		*	*	
26	05	64	17.0	LA	0001	37	00.7	76	28.7	*5		1		21	07	0.9		04.0	C	22.80	C	13.62		*		*	*	
26	05	64	17.0	LA	0001	37	00.7	76	28.7	*5		1		21	07	0.9		05.0	C	21.52	C	16.25		*		*	*	
26	05	64	17.5	LA	0001	37	00.7	76	28.7	*4		1		21	06	0.9		00.0	C	23.50	C	12.04	D	28	D	0.24	17.7	
26	05	64	17.5	LA	0001	37	00.7	76	28.7	*4		1		21	06	0.9		02.0	C	23.28	C	12.84		*		*	*	
26	05	64	17.5	LA	0001	37	00.7	76	28.7	*4		1		21	06	0.9		03.0	C	23.26	C	12.88		*		*	*	
26	05	64	17.5	LA	0001	37	00.7	76	28.7	*4		1		21	06	0.9		04.0	C	23.10	C	13.22		*		*	*	
26	05	64	18.0	LA	0001	37	00.7	76	28.7	*4		*		21	06	1.0		00.0	C	23.38	C	11.80	D	32	D	0.32	18.1	
26	05	64	18.0	LA	0001	37	00.7	76	28.7	*4		*		21	06	1.0		02.0	C	23.39	C	12.91		*		*	*	
26	05	64	18.0	LA	0001	37	00.7	76	28.7	*4		*		21	06	1.0		03.0	C	23.35	C	12.92		*		*	*	
26	05	64	18.0	LA	0001	37	00.7	76	28.7	*4		*		21	06	1.0		04.0	C	21.44	C	16.50		*		*	*	
26	05	64	18.5	LA	0001	37	00.7	76	28.7	5		1			*			00.0	C	23.26	C	11.86	D	33	D	0.44	18.6	
26	05	64	18.5	LA	0001	37	00.7	76	28.7	5		1			*			02.0	C	23.04	C	13.75		*		*	*	
26	05	64	18.5	LA	0001	37	00.7	76	28.7	5		1			*			03.0	C	22.97	C	13.82		*		*	*	
26	05	64	18.5	LA	0001	37	00.7	76	28.7	5		1			*			04.0	C	21.92	C	15.63		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
26	05	64	19.0	LA	0001	37	00.7	76	28.7	*5		1		21	07	1.0		00.0	C	22.90	C	12.04	D	32	D	0.46	19.1	
26	05	64	19.0	LA	0001	37	00.7	76	28.7	*5		1		21	07	1.0		02.0	C	23.10	C	13.55		*		*	*	
26	05	64	19.0	LA	0001	37	00.7	76	28.7	*5		1		21	07	1.0		03.0	C	22.98	C	13.74		*		*	*	
26	05	64	19.0	LA	0001	37	00.7	76	28.7	*5		1		21	07	1.0		04.0	C	22.96	C	14.12		*		*	*	
26	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		1		17	07			00.0	C	22.62	C	12.13	D	34	D	0.47	19.7	
26	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		1		17	07			02.0	C	22.56	C	12.61		*		*	*	
26	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		1		17	07			03.0	C	22.52	C	13.37		*		*	*	
26	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		1		17	07			04.0	C	22.46	C	13.60		*		*	*	
26	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		1		17	07			04.5	C	22.34	C	14.30		*		*	*	
26	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		2		17	11			00.0	C	22.54	C	12.24	D	34	D	0.51	20.2	
26	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		2		17	11			02.0	C	22.56	C	12.74		*		*	*	
26	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		2		17	11			03.0	C	22.56	C	13.17		*		*	*	
26	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		2		17	11			04.0	C	22.12	C	14.93		*		*	*	
26	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		2		17	11			04.5	C	22.30	C	14.38		*		*	*	
26	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		2		17	11			05.0	C	22.66	C	12.66		*		*	*	
26	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		2		17	10			00.0	C	22.58	C	12.85	D	34	D	0.73	20.6	
26	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		2		17	10			02.0	C	22.50	C	13.18		*		*	*	
26	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		2		17	10			03.0	C	22.42	C	13.63		*		*	*	
26	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		2		17	10			04.0	C	22.30	C	13.96		*		*	*	
26	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		2		17	10			05.0	C	21.60	C	14.03		*		*	*	
26	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		2		17	13			00.0	C	22.38	C	14.61	D	34	D	0.57	21.1	
26	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		2		17	13			02.0	C	22.42	C	14.60		*		*	*	
26	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		2		17	13			03.0	C	22.42	C	14.58		*		*	*	
26	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		2		17	13			04.0	C	22.42	C	14.57		*		*	*	
26	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		2		17	13			05.0	C	22.41	C	14.58		*		*	*	
26	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		2		17	08			00.0	C	22.00	C	15.19	E	30	D	0.45	21.6	
26	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		2		17	08			02.0	C	21.94	C	15.53		*		*	*	
26	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		2		17	08			03.0	C	21.94	C	15.53		*		*	*	
26	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		2		17	08			04.0	C	21.94	C	15.54		*		*	*	
26	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		2		17	08			05.0	C	21.94	C	15.55		*		*	*	
26	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		2		17	10			00.0	C	21.64	C	16.55	E	30	D	0.41	22.1	
26	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		2		17	10			02.0	C	21.62	C	16.58		*		*	*	
26	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		2		17	10			03.0	C	21.60	C	16.60		*		*	*	
26	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		2		17	10			04.0	C	21.62	C	16.62		*		*	*	
26	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		2		17	10			05.0	C	21.62	C	16.59		*		*	*	
26	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		2		19	07			00.0	C	21.66	C	16.74	E	30	D	0.32	22.6	
26	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		2		19	07			02.0	C	21.66	C	16.74		*		*	*	
26	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		2		19	07			03.0	C	21.66	C	16.75		*		*	*	
26	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		2		19	07			04.0	C	21.66	C	16.75		*		*	*	
26	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		2		19	07			05.0	C	21.66	C	16.67		*		*	*	
26	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		3		21	05			00.0	C	21.70	C	16.73	D	28	D	0.20	23.1	
26	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		3		21	05			02.0	C	21.74	C	16.72		*		*	*	
26	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		3		21	05			03.0	C	21.72	C	16.78		*		*	*	
26	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		3		21	05			04.0	C	21.73	C	16.78		*		*	*	
26	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		3		21	05			05.0	C	21.72	C	16.82		*		*	*	
26	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		3		21	09			00.0	C	21.70	C	16.98	D	26	D	0.12	23.6	
26	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		3		21	09			02.0	C	21.72	C	16.90		*		*	*	
26	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		3		21	09			03.0	C	21.72	C	16.90		*		*	*	
26	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		3		21	09			04.0	C	21.72	C	16.97		*		*	*	
26	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		3		21	09			05.0	C	21.72	C	16.97		*		*	*	
27	05	64	00.0	LA	0001	37	00.7	76	28.7	*5		5		21	06			00.0	C	21.68	C	16.79	D	18	D	0.10	00.1	
27	05	64	00.0	LA	0001	37	00.7	76	28.7	*5		5		21	06			02.0	C	21.68	C	16.79		*		*	*	
27	05	64	00.0	LA	0001	37	00.7	76	28.7	*5		5		21	06			03.0	C	21.70	C	16.74		*		*	*	
27	05	64	00.0	LA	0001	37	00.7	76	28.7	*5		5		21	06			04.0	C	21.70	C	16.78		*		*	*	
27	05	64	00.0	LA	0001	37	00.7	76	28.7	*5		5		21	06			02.0					I	19	I	0.38	00.1	
27	05	64	00.0	LA	0001	37	00.7	76	28.7	*5		5		21	06			04.5					I	16	I	0.24	00.0	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
27	05	64	00.5	LA	0001	37	00.7	76	28.7	*5		5		20	04			00.0	C	21.70	C	16.42	D	16	D	0.20	00.6	
27	05	64	00.5	LA	0001	37	00.7	76	28.7	*5		5		20	04			02.0	C	21.72	C	16.53		*		*	*	
27	05	64	00.5	LA	0001	37	00.7	76	28.7	*5		5		20	04			03.0	C	21.72	C	16.72		*		*	*	
27	05	64	00.5	LA	0001	37	00.7	76	28.7	*5		5		20	04			04.0	C	21.70	C	16.75		*		*	*	
27	05	64	00.5	LA	0001	37	00.7	76	28.7	*5		5		20	04			04.8	C	21.70	C	16.75		*		*	*	
27	05	64	00.5	LA	0001	37	00.7	76	28.7	*5		5		20	04			02.0					I	22	I	0.40	00.6	
27	05	64	00.5	LA	0001	37	00.7	76	28.7	*5		5		20	04			04.5					I	17	I	0.27	00.5	
27	05	64	01.0	LA	0001	37	00.7	76	28.7	5		*			*			00.0	C	22.26	C	13.87		*		*	*	
27	05	64	01.0	LA	0001	37	00.7	76	28.7	5		*			*			02.0	C	21.72	C	16.02		*		*	*	
27	05	64	01.0	LA	0001	37	00.7	76	28.7	5		*			*			03.0	C	21.70	C	16.16		*		*	*	
27	05	64	01.0	LA	0001	37	00.7	76	28.7	5		*			*			04.0	C	21.68	C	16.27		*		*	*	
27	05	64	01.0	LA	0001	37	00.7	76	28.7	5		*			*			02.0					I	26	I	0.44	01.1	
27	05	64	01.0	LA	0001	37	00.7	76	28.7	5		*			*			04.5					I	20	I	0.26	01.0	
27	05	64	01.5	LA	0001	37	00.7	76	28.7	*5		*		21	03			00.0	C	22.02	C	13.60	D	14	D	0.49	01.6	
27	05	64	01.5	LA	0001	37	00.7	76	28.7	*5		*		21	03			02.0	C	22.06	C	13.87		*		*	*	
27	05	64	01.5	LA	0001	37	00.7	76	28.7	*5		*		21	03			03.0	C	21.82	C	15.46		*		*	*	
27	05	64	01.5	LA	0001	37	00.7	76	28.7	*5		*		21	03			04.0	C	21.76	C	15.90		*		*	*	
27	05	64	01.5	LA	0001	37	00.7	76	28.7	*5		*		21	03			02.0					I	24	I	0.56	01.6	
27	05	64	02.0	LA	0001	37	00.7	76	28.7	*5		*		21	08			00.0	C	22.08	C	13.54	D	14	D	0.49	02.1	
27	05	64	02.0	LA	0001	37	00.7	76	28.7	*5		*		21	08			02.0	C	22.08	C	13.91		*		*	*	
27	05	64	02.0	LA	0001	37	00.7	76	28.7	*5		*		21	08			03.0	C	22.01	C	14.46		*		*	*	
27	05	64	02.0	LA	0001	37	00.7	76	28.7	*5		*		21	08			04.0	C	21.80	C	15.15		*		*	*	
27	05	64	02.0	LA	0001	37	00.7	76	28.7	*5		*		21	08			02.0					I	23	I	0.46	02.1	
27	05	64	02.0	LA	0001	37	00.7	76	28.7	*5		*		21	08			04.5					I	24	I	0.22	02.0	
27	05	64	02.5	LA	0001	37	00.7	76	28.7	*5		*		21	09			00.0	C	22.17	C	13.63	D	14	D	0.49	02.5	
27	05	64	02.5	LA	0001	37	00.7	76	28.7	*5		*		21	09			02.0	C	22.18	C	13.66		*		*	*	
27	05	64	02.5	LA	0001	37	00.7	76	28.7	*5		*		21	09			03.0	C	22.17	C	13.74		*		*	*	
27	05	64	02.5	LA	0001	37	00.7	76	28.7	*5		*		21	09			04.0	C	22.14	C	13.88		*		*	*	
27	05	64	02.5	LA	0001	37	00.7	76	28.7	*5		*		21	09			02.0					I	25	I	0.45	02.5	
27	05	64	02.5	LA	0001	37	00.7	76	28.7	*5		*		21	09			04.5					I	22	I	0.31	02.5	
27	05	64	03.0	LA	0001	37	00.7	76	28.7	*5		*		22	09			00.0	C	22.70	C	13.22	D	14	D	0.41	03.1	
27	05	64	03.0	LA	0001	37	00.7	76	28.7	*5		*		22	09			02.0	C	22.28	C	13.22		*		*	*	
27	05	64	03.0	LA	0001	37	00.7	76	28.7	*5		*		22	09			03.0	C	22.28	C	13.25		*		*	*	
27	05	64	03.0	LA	0001	37	00.7	76	28.7	*5		*		22	09			04.0	C	22.19	C	13.50		*		*	*	
27	05	64	03.0	LA	0001	37	00.7	76	28.7	*5		*		22	09			02.0					I	22	I	0.40	03.1	
27	05	64	03.0	LA	0001	37	00.7	76	28.7	*5		*		22	09			04.5					I	23	I	0.27	03.0	
27	05	64	03.5	LA	0001	37	00.7	76	28.7	*5		*		22	12			00.0	C	22.45	C	12.84	D	14	D	0.23	03.6	
27	05	64	03.5	LA	0001	37	00.7	76	28.7	*5		*		22	12			02.0	C	22.45	C	12.87		*		*	*	
27	05	64	03.5	LA	0001	37	00.7	76	28.7	*5		*		22	12			03.0	C	22.45	C	12.89		*		*	*	
27	05	64	03.5	LA	0001	37	00.7	76	28.7	*5		*		22	12			04.0	C	22.44	C	12.91		*		*	*	
27	05	64	03.5	LA	0001	37	00.7	76	28.7	*5		*		22	12			02.0					I	22	I	0.42	03.6	
27	05	64	03.5	LA	0001	37	00.7	76	28.7	*5		*		22	12			04.5					I	20	I	0.31	03.5	
27	05	64	04.0	LA	0001	37	00.7	76	28.7	*5		*		22	11			00.0	C	22.51	C	12.72	D	14	D	0.18	04.1	
27	05	64	04.0	LA	0001	37	00.7	76	28.7	*5		*		22	11			02.0	C	22.51	C	12.72		*		*	*	
27	05	64	04.0	LA	0001	37	00.7	76	28.7	*5		*		22	11			03.0	C	22.51	C	12.72		*		*	*	
27	05	64	04.0	LA	0001	37	00.7	76	28.7	*5		*		22	11			04.0	C	22.52	C	12.72		*		*	*	
27	05	64	04.0	LA	0001	37	00.7	76	28.7	*5		*		22	11			02.0					I	23	I	0.36	04.1	
27	05	64	04.0	LA	0001	37	00.7	76	28.7	*5		*		22	11			04.5					I	20	I	0.25	04.0	
27	05	64	04.5	LA	0001	37	00.7	76	28.7	*5		*		22	11			00.0	C	22.54	C	12.88	D	14	D	0.17	04.5	
27	05	64	04.5	LA	0001	37	00.7	76	28.7	*5		*		22	11			02.0	C	22.56	C	12.87		*		*	*	
27	05	64	04.5	LA	0001	37	00.7	76	28.7	*5		*		22	11			03.0	C	22.56	C	12.88		*		*	*	
27	05	64	04.5	LA	0001	37	00.7	76	28.7	*5		*		22	11			04.0	C	22.56	C	12.87		*		*	*	
27	05	64	04.5	LA	0001	37	00.7	76	28.7	*5		*		22	11			02.0					I	22	I	0.32	04.6	
27	05	64	04.5	LA	0001	37	00.7	76	28.7	*5		*		22	11			04.5					I	19	I	0.25	04.5	
27	05	64	05.0	LA	0001	37	00.7	76	28.7	*5		*		22	10	0.6		00.0	C	22.55	A	12.77	D	00	D	0.00	05.0	
27	05	64	05.0	LA	0001	37	00.7	76	28.7	*5		*		22	10	0.6		02.0	C	22.56	C	12.78		*		*	*	
27	05	64	05.0	LA	0001	37	00.7	76	28.7	*5		*		22	10	0.6		03.0	C	22.56	C	12.77		*		*	*	
27	05	64	05.0	LA	0001	37	00.7	76	28.7	*5		*		22	10	0.6		04.0	C	22.56	C	12.78		*		*	*	
27	05	64	05.0	LA	0001	37	00.7	76	28.7	*5		*		22	10	0.6		02.0					I	22	I	0.32	05.1	
27	05	64	05.0	LA	0001	37	00.7	76	28.7	*5		*		22	10	0.6		04.5					I	18	I	0.18	05.0	

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
27	05	64	05.5	LA	0001	37	00.7	76	28.7	*5	*		22	11		00.0	C	22.58	C	12.66	D	00	D	0.00	05.5
27	05	64	05.5	LA	0001	37	00.7	76	28.7	*5	*		22	11		02.0	C	22.58	C	12.67		*		*	*
27	05	64	05.5	LA	0001	37	00.7	76	28.7	*5	*		22	11		03.0	C	22.57	C	12.67		*		*	*
27	05	64	05.5	LA	0001	37	00.7	76	28.7	*5	*		22	11		04.0	C	22.56	C	12.72		*		*	*
27	05	64	05.5	LA	0001	37	00.7	76	28.7	*5	*		22	11		02.0					I	99	I	0.27	05.5
27	05	64	05.5	LA	0001	37	00.7	76	28.7	*5	*		22	11		04.5					I	22	I	0.20	05.5
27	05	64	06.0	LA	0001	37	00.7	76	28.7	*5	*		22	10	0.7	00.0	C	22.58	C	12.54	D	00	D	0.00	*
27	05	64	06.0	LA	0001	37	00.7	76	28.7	*5	*		22	10	0.7	02.0	C	22.58	C	12.54		*		*	*
27	05	64	06.0	LA	0001	37	00.7	76	28.7	*5	*		22	10	0.7	03.0	C	22.58	C	12.53		*		*	*
27	05	64	06.0	LA	0001	37	00.7	76	28.7	*5	*		22	10	0.7	04.0	C	22.40	C	13.13		*		*	*
27	05	64	06.0	LA	0001	37	00.7	76	28.7	*5	*		22	10	0.7	02.0					I	09	I	0.35	06.1
27	05	64	06.0	LA	0001	37	00.7	76	28.7	*5	*		22	10	0.7	04.5					I	33	I	0.23	06.0
27	05	64	06.5	LA	0001	37	00.7	76	28.7	*5	*	04	22	12		00.0	C	22.56	C	12.55	D	00	D	0.00	06.5
27	05	64	06.5	LA	0001	37	00.7	76	28.7	*5	*	04	22	12		02.0	C	22.56	C	12.55		*		*	*
27	05	64	06.5	LA	0001	37	00.7	76	28.7	*5	*	04	22	12		03.0	C	22.56	C	12.55		*		*	*
27	05	64	06.5	LA	0001	37	00.7	76	28.7	*5	*	04	22	12		04.0	C	22.56	C	12.55		*		*	*
27	05	64	06.5	LA	0001	37	00.7	76	28.7	*5	*	04	22	12		02.0					I	05	I	0.34	06.5
27	05	64	06.5	LA	0001	37	00.7	76	28.7	*5	*	04	22	12		04.5					I	04	I	0.20	06.5
27	05	64	07.0	LA	0001	37	00.7	76	28.7	*5	1		23	14	0.7	00.0	C	22.44	C	12.51	D	34	D	0.16	07.1
27	05	64	07.0	LA	0001	37	00.7	76	28.7	*5	1		23	14	0.7	02.0	C	22.44	C	12.52		*		*	*
27	05	64	07.0	LA	0001	37	00.7	76	28.7	*5	1		23	14	0.7	03.0	C	22.44	C	12.52		*		*	*
27	05	64	07.0	LA	0001	37	00.7	76	28.7	*5	1		23	14	0.7	04.0	C	22.44	C	12.52		*		*	*
27	05	64	07.0	LA	0001	37	00.7	76	28.7	*5	1		23	14	0.7	02.0					I	04	I	0.40	07.1
27	05	64	07.0	LA	0001	37	00.7	76	28.7	*5	1		23	14	0.7	04.5					I	03	I	0.25	07.0
27	05	64	07.5	LA	0001	37	00.7	76	28.7	*5	1		23	08	0.7	00.0	C	22.42	C	12.57	D	33	D	0.23	07.6
27	05	64	07.5	LA	0001	37	00.7	76	28.7	*5	1		23	08	0.7	02.0	C	22.40	C	12.59		*		*	*
27	05	64	07.5	LA	0001	37	00.7	76	28.7	*5	1		23	08	0.7	03.0	C	22.40	C	12.59		*		*	*
27	05	64	07.5	LA	0001	37	00.7	76	28.7	*5	1		23	08	0.7	04.0	C	22.40	C	12.61		*		*	*
27	05	64	07.5	LA	0001	37	00.7	76	28.7	*5	1		23	08	0.7	02.0					I	03	I	0.42	07.5
27	05	64	07.5	LA	0001	37	00.7	76	28.7	*5	1		23	08	0.7	04.5					I	03	I	0.29	07.5
27	05	64	08.0	LA	0001	37	00.7	76	28.7	*5	1		25	10	0.7	00.0	C	22.38	C	12.47	D	32	D	0.25	08.1
27	05	64	08.0	LA	0001	37	00.7	76	28.7	*5	1		25	10	0.7	02.0	C	22.38	C	12.48		*		*	*
27	05	64	08.0	LA	0001	37	00.7	76	28.7	*5	1		25	10	0.7	03.0	C	22.38	C	12.58		*		*	*
27	05	64	08.0	LA	0001	37	00.7	76	28.7	*5	1		25	10	0.7	04.0	C	22.38	C	12.55		*		*	*
27	05	64	08.0	LA	0001	37	00.7	76	28.7	*5	1		25	10	0.7	02.0					I	03	I	0.46	08.1
27	05	64	08.0	LA	0001	37	00.7	76	28.7	*5	1		25	10	0.7	04.5					I	03	I	0.27	08.0
27	05	64	08.5	LA	0001	37	00.7	76	28.7	*5	2		24	12		00.0	C	22.32	C	12.47	D	31	D	0.29	08.6
27	05	64	08.5	LA	0001	37	00.7	76	28.7	*5	2		24	12		02.0	C	22.28	C	12.49		*		*	*
27	05	64	08.5	LA	0001	37	00.7	76	28.7	*5	2		24	12		03.0	C	22.29	C	12.48		*		*	*
27	05	64	08.5	LA	0001	37	00.7	76	28.7	*5	2		24	12		04.0	C	22.29	C	12.51		*		*	*
27	05	64	08.5	LA	0001	37	00.7	76	28.7	*5	2		24	12		02.0					I	99	I	0.45	08.5
27	05	64	08.5	LA	0001	37	00.7	76	28.7	*5	2		24	12		04.0					I	03	I	0.27	08.5
27	05	64	08.5	LA	0001	37	00.7	76	28.7	*5	2		24	12		02.0					I	02	I	0.45	08.7
27	05	64	08.5	LA	0001	37	00.7	76	28.7	*5	2		24	12		04.0					I	03	I	0.31	08.8
27	05	64	09.0	LA	0001	37	00.7	76	28.7	*5	*		25	08	1.0	00.0	C	22.32	C	12.45	D	32	D	0.32	09.1
27	05	64	09.0	LA	0001	37	00.7	76	28.7	*5	*		25	08	1.0	02.0	C	22.28	C	12.55		*		*	*
27	05	64	09.0	LA	0001	37	00.7	76	28.7	*5	*		25	08	1.0	03.0	C	22.28	C	12.58		*		*	*
27	05	64	09.0	LA	0001	37	00.7	76	28.7	*5	*		25	08	1.0	04.0	C	22.28	C	12.58		*		*	*
27	05	64	09.0	LA	0001	37	00.7	76	28.7	*5	*		25	08	1.0	02.0					I	99	I	0.39	09.0
27	05	64	09.0	LA	0001	37	00.7	76	28.7	*5	*		25	08	1.0	04.0					I	04	I	0.34	09.1
27	05	64	09.5	LA	0001	37	00.7	76	28.7	*5	3		24	08	1.0	00.0	C	22.36	C	12.15	D	23	D	0.32	09.6
27	05	64	09.5	LA	0001	37	00.7	76	28.7	*5	3		24	08	1.0	02.0	C	22.22	C	12.53		*		*	*
27	05	64	09.5	LA	0001	37	00.7	76	28.7	*5	3		24	08	1.0	03.0	C	22.18	C	12.73		*		*	*
27	05	64	09.5	LA	0001	37	00.7	76	28.7	*5	3		24	08	1.0	04.0	C	22.14	C	12.97		*		*	*
27	05	64	09.5	LA	0001	37	00.7	76	28.7	*5	3		24	08	1.0	04.5	C	22.08	C	13.39		*		*	*
27	05	64	09.5	LA	0001	37	00.7	76	28.7	*5	3		24	08	1.0	02.0					I	00	I	0.46	09.5
27	05	64	09.5	LA	0001	37	00.7	76	28.7	*5	3		24	08	1.0	04.0					I	03	I	0.29	09.6
27	05	64	10.0	LA	0001	37	00.7	76	28.7	*5	3		25	07	1.0	00.0	C	22.44	C	12.53	D	31	D	0.19	10.1
27	05	64	10.0	LA	0001	37	00.7	76	28.7	*5	3		25	07	1.0	02.0	C	22.26	C	12.67		*		*	*
27	05	64	10.0	LA	0001	37	00.7	76	28.7	*5	3		25	07	1.0	03.0	C	22.18	C	12.79		*		*	*
27	05	64	10.0	LA	0001	37	00.7	76	28.7	*5	3		25	07	1.0	04.0	C	21.92	C	14.49		*		*	*
27	05	64	10.0	LA	0001	37	00.7	76	28.7	*5	3		25	07	1.0	04.5	C	21.90	C	14.59		*		*	*
27	05	64	10.0	LA	0001	37	00.7	76	28.7	*5	3		25	07	1.0	02.0					I	02	I	0.37	10.0
27	05	64	10.0	LA	0001	37	00.7	76	28.7	*5	3		25	07	1.0	04.0					I	06	I	0.20	10.2

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
27	05	64	10.5	LA	0001	37	00.7	76	28.7	*5		3		28	08	1.0		00.0	C	22.56	C	12.66	D	33	D	0.25	10.6		
27	05	64	10.5	LA	0001	37	00.7	76	28.7	*5		3		28	08	1.0		02.0	C	22.18	C	13.45		*		*	*		
27	05	64	10.5	LA	0001	37	00.7	76	28.7	*5		3		28	08	1.0		03.0	C	22.12	C	13.67		*		*	*		
27	05	64	10.5	LA	0001	37	00.7	76	28.7	*5		3		28	08	1.0		04.0	C	22.08	C	13.83		*		*	*		
27	05	64	10.5	LA	0001	37	00.7	76	28.7	*5		3		28	08	1.0		04.5	C	22.07	C	13.84		*		*	*		
27	05	64	10.5	LA	0001	37	00.7	76	28.7	*5		3		28	08	1.0		02.0					I	04	I	0.41	10.5		
27	05	64	10.5	LA	0001	37	00.7	76	28.7	*5		3		28	08	1.0		04.0					I	07	I	0.22	10.6		
27	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		3		26	08	1.0		00.0	C	22.60	C	13.08	D	32	D	0.22	11.1		
27	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		3		26	08	1.0		02.0	C	22.36	C	13.46		*		*	*		
27	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		3		26	08	1.0		03.0	C	22.34	C	13.64		*		*	*		
27	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		3		26	08	1.0		04.0	C	22.20	C	13.76		*		*	*		
27	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		3		26	08	1.0		04.5	C	22.16	C	13.83		*		*	*		
27	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		3		26	08	1.0		02.0					I	04	I	0.40	11.0		
27	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		3		26	08	1.0		04.0					I	07	I	0.25	11.1		
27	05	64	11.5	LA	0001	37	00.7	76	28.7	*5		3		27	08	1.0		00.0	C	22.60	C	13.22	D	33	D	0.19	11.6		
27	05	64	11.5	LA	0001	37	00.7	76	28.7	*5		3		27	08	1.0		02.0	C	22.44	C	13.44		*		*	*		
27	05	64	11.5	LA	0001	37	00.7	76	28.7	*5		3		27	08	1.0		03.0	C	22.42	C	13.52		*		*	*		
27	05	64	11.5	LA	0001	37	00.7	76	28.7	*5		3		27	08	1.0		04.0	C	22.28	C	13.87		*		*	*		
27	05	64	11.5	LA	0001	37	00.7	76	28.7	*5		3		27	08	1.0		04.5	C	22.26	C	13.88		*		*	*		
27	05	64	11.5	LA	0001	37	00.7	76	28.7	*5		3		27	08	1.0		02.0					I	03	I	0.38	11.5		
27	05	64	11.5	LA	0001	37	00.7	76	28.7	*5		3		27	08	1.0		04.0					I	07	I	0.18	11.6		
27	05	64	12.0	LA	0001	37	00.7	76	28.7	*5		4		28	10	0.9		00.0	C	22.52	C	13.41	D	99	D	0.00	12.1		
27	05	64	12.0	LA	0001	37	00.7	76	28.7	*5		4		28	10	0.9		02.0	C	22.42	C	13.59		*		*	*		
27	05	64	12.0	LA	0001	37	00.7	76	28.7	*5		4		28	10	0.9		03.0	C	22.32	C	13.78		*		*	*		
27	05	64	12.0	LA	0001	37	00.7	76	28.7	*5		4		28	10	0.9		04.0	C	22.24	C	14.04		*		*	*		
27	05	64	12.0	LA	0001	37	00.7	76	28.7	*5		4		28	10	0.9		04.5	C	22.20	C	14.09		*		*	*		
27	05	64	12.0	LA	0001	37	00.7	76	28.7	*5		4		28	10	0.9		02.0					I	99	I	0.32	12.0		
27	05	64	12.0	LA	0001	37	00.7	76	28.7	*5		4		28	10	0.9		04.0					I	13	I	0.21	12.1		
27	05	64	12.5	LA	0001	37	00.7	76	28.7	*5		5		27	08			00.0	C	22.58	C	13.46	D	16	D	0.18	12.6		
27	05	64	12.5	LA	0001	37	00.7	76	28.7	*5		5		27	08			02.0	C	22.56	C	13.46		*		*	*		
27	05	64	12.5	LA	0001	37	00.7	76	28.7	*5		5		27	08			03.0	C	22.48	C	13.68		*		*	*		
27	05	64	12.5	LA	0001	37	00.7	76	28.7	*5		5		27	08			04.0	C	22.14	C	14.15		*		*	*		
27	05	64	12.5	LA	0001	37	00.7	76	28.7	*5		5		27	08			04.5	C	21.92	C	14.65		*		*	*		
27	05	64	12.5	LA	0001	37	00.7	76	28.7	*5		5		27	08			02.0					I	20	I	0.30	12.5		
27	05	64	12.5	LA	0001	37	00.7	76	28.7	*5		5		27	08			04.0					I	17	I	0.10	12.6		
27	05	64	13.0	LA	0001	37	00.7	76	28.7	*5		*		27	02	1.0		00.0	C	22.96	C	12.94	D	14	D	0.34	13.2		
27	05	64	13.0	LA	0001	37	00.7	76	28.7	*5		*		27	02	1.0		02.0	C	22.79	C	12.99		*		*	*		
27	05	64	13.0	LA	0001	37	00.7	76	28.7	*5		*		27	02	1.0		03.0	C	22.64	C	13.21		*		*	*		
27	05	64	13.0	LA	0001	37	00.7	76	28.7	*5		*		27	02	1.0		04.0	C	22.14	C	14.25		*		*	*		
27	05	64	13.0	LA	0001	37	00.7	76	28.7	*5		*		27	02	1.0		02.0					I	21	I	0.32	13.0		
27	05	64	13.0	LA	0001	37	00.7	76	28.7	*5		*		27	02	1.0		04.0					I	18	I	0.11	13.3		
27	05	64	13.5	LA	0001	37	00.7	76	28.7	5		*			*			00.0	C	22.84	C	12.72	D	14	D	0.38	13.6		
27	05	64	13.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0	C	22.76	C	12.76		*		*	*		
27	05	64	13.5	LA	0001	37	00.7	76	28.7	5		*			*			03.0	C	22.60	C	12.92		*		*	*		
27	05	64	13.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0	C	22.42	C	13.33		*		*	*		
27	05	64	13.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0					I	21	I	0.32	13.5		
27	05	64	13.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0					I	18	I	0.10	13.6		
27	05	64	14.0	LA	0001	37	00.7	76	28.7	*5		*		27	08	0.9		00.0	C	22.90	C	12.90	D	14	D	0.37	14.1		
27	05	64	14.0	LA	0001	37	00.7	76	28.7	*5		*		27	08	0.9		02.0	C	22.81	C	12.92		*		*	*		
27	05	64	14.0	LA	0001	37	00.7	76	28.7	*5		*		27	08	0.9		03.0	C	22.78	C	12.92		*		*	*		
27	05	64	14.0	LA	0001	37	00.7	76	28.7	*5		*		27	08	0.9		04.0	C	22.75	C	12.92		*		*	*		
27	05	64	14.0	LA	0001	37	00.7	76	28.7	*5		*		27	08	0.9		02.0					I	22	I	0.28	14.0		
27	05	64	14.0	LA	0001	37	00.7	76	28.7	*5		*		27	08	0.9		04.0					I	21	I	0.29	14.1		
27	05	64	14.5	LA	0001	37	00.7	76	28.7	5		*			*			00.0	C	22.87	C	13.04	D	14	D	0.34	14.6		
27	05	64	14.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0	C	22.86	C	13.06		*		*	*		
27	05	64	14.5	LA	0001	37	00.7	76	28.7	5		*			*			03.0	C	22.86	C	13.04		*		*	*		
27	05	64	14.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0	C	22.84	C	13.04		*		*	*		
27	05	64	14.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0					I	23	I	0.31	14.5		
27	05	64	14.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0					I	20	I	0.30	14.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC		
27	05	64	15.0	LA	0001	37	00.7	76	28.7	*5		*	32	27	06	0.6		00.0	C	22.88	C	12.97	L	16	D	0.25	*	
27	05	64	15.0	LA	0001	37	00.7	76	28.7	*5		*	32	27	06	0.6		02.0	C	22.86	C	12.99		*		*	*	
27	05	64	15.0	LA	0001	37	00.7	76	28.7	*5		*	32	27	06	0.6		03.0	C	22.86	C	12.99		*		*	*	
27	05	64	15.0	LA	0001	37	00.7	76	28.7	*5		*	32	27	06	0.6		04.0	C	22.85	C	12.99		*		*	*	
27	05	64	15.0	LA	0001	37	00.7	76	28.7	*5		*	32	27	06	0.6		02.0					I	22	I	0.27	15.0	
27	05	64	15.0	LA	0001	37	00.7	76	28.7	*5		*	32	27	06	0.6		04.0					I	19	I	0.25	15.1	
27	05	64	15.5	LA	0001	37	00.7	76	28.7	5		*			*			00.0	C	23.08	C	12.74	L	16	D	0.28	15.6	
27	05	64	15.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0	C	23.06	C	12.77		*		*	*	
27	05	64	15.5	LA	0001	37	00.7	76	28.7	5		*			*			03.0	C	23.02	C	12.77		*		*	*	
27	05	64	15.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0	C	23.00	C	12.79		*		*	*	
27	05	64	15.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0					I	24	I	0.30	15.5	
27	05	64	15.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0					I	21	I	0.11	15.6	
27	05	64	16.0	LA	0001	37	00.7	76	28.7	*5		*		27	06	0.6		00.0	C	23.18	C	12.34	L	16	D	0.23	16.2	
27	05	64	16.0	LA	0001	37	00.7	76	28.7	*5		*		27	06	0.6		02.0	C	23.14	C	12.39		*		*	*	
27	05	64	16.0	LA	0001	37	00.7	76	28.7	*5		*		27	06	0.6		03.0	C	23.13	C	12.45		*		*	*	
27	05	64	16.0	LA	0001	37	00.7	76	28.7	*5		*		27	06	0.6		04.0	C	22.06	C	14.33		*		*	*	
27	05	64	16.0	LA	0001	37	00.7	76	28.7	*5		*		27	06	0.6		02.0					I	24	I	0.23	16.0	
27	05	64	16.0	LA	0001	37	00.7	76	28.7	*5		*		27	06	0.6		04.0					I	25	I	0.08	16.3	
27	05	64	16.5	LA	0001	37	00.7	76	28.7	5		*			*			00.0	C	23.28	C	12.03	L	16	D	0.17	*	
27	05	64	16.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0	C	23.25	C	12.07		*		*	*	
27	05	64	16.5	LA	0001	37	00.7	76	28.7	5		*			*			03.0	C	23.20	C	12.16		*		*	*	
27	05	64	16.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0	C	22.80	C	13.04		*		*	*	
27	05	64	16.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0					I	21	I	0.24	16.5	
27	05	64	16.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0					I	02	I	0.07	16.7	
27	05	64	17.0	LA	0001	37	00.7	76	28.7	*5		*		27	03	0.7		00.0	C	23.33	C	11.74	L	16	D	0.09	17.2	
27	05	64	17.0	LA	0001	37	00.7	76	28.7	*5		*		27	03	0.7		02.0	C	23.30	C	11.78		*		*	*	
27	05	64	17.0	LA	0001	37	00.7	76	28.7	*5		*		27	03	0.7		03.0	C	22.98	C	12.41		*		*	*	
27	05	64	17.0	LA	0001	37	00.7	76	28.7	*5		*		27	03	0.7		04.0	C	21.97	C	14.43		*		*	*	
27	05	64	17.0	LA	0001	37	00.7	76	28.7	*5		*		27	03	0.7		02.0					I	12	I	0.16	17.0	
27	05	64	17.0	LA	0001	37	00.7	76	28.7	*5		*		27	03	0.7		04.0					I	03	I	0.09	17.2	
27	05	64	17.5	LA	0001	37	00.7	76	28.7	5		*			*			00.0	C	23.38	C	11.51	L	00	D	0.00	17.5	
27	05	64	17.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0	C	23.22	C	12.09		*		*	*	
27	05	64	17.5	LA	0001	37	00.7	76	28.7	5		*			*			03.0	C	22.88	C	12.76		*		*	*	
27	05	64	17.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0	C	22.52	C	13.46		*		*	*	
27	05	64	17.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0					I	04	I	0.17	17.5	
27	05	64	17.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0					I	02	I	0.18	17.6	
27	05	64	18.0	LA	0001	37	00.7	76	28.7	*5		*		27	04	0.7		00.0	C	23.40	C	11.49	D	00	D	0.00	18.0	
27	05	64	18.0	LA	0001	37	00.7	76	28.7	*5		*		27	04	0.7		02.0	C	23.26	C	12.18		*		*	*	
27	05	64	18.0	LA	0001	37	00.7	76	28.7	*5		*		27	04	0.7		03.0	C	23.12	C	12.52		*		*	*	
27	05	64	18.0	LA	0001	37	00.7	76	28.7	*5		*		27	04	0.7		04.0	C	22.00	C	14.38		*		*	*	
27	05	64	18.0	LA	0001	37	00.7	76	28.7	*5		*		27	04	0.7		02.0					I	04	I	0.25	18.0	
27	05	64	18.0	LA	0001	37	00.7	76	28.7	*5		*		27	04	0.7		04.0					I	03	I	0.29	18.2	
27	05	64	18.5	LA	0001	37	00.7	76	28.7	5		*			*			00.0	C	23.26	C	12.50	L	32	D	0.51	18.6	
27	05	64	18.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0	C	23.18	C	12.77		*		*	*	
27	05	64	18.5	LA	0001	37	00.7	76	28.7	5		*			*			03.0	C	23.16	C	12.77		*		*	*	
27	05	64	18.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0	C	22.82	C	13.44		*		*	*	
27	05	64	18.5	LA	0001	37	00.7	76	28.7	5		*			*			02.0					I	04	I	0.41	18.5	
27	05	64	18.5	LA	0001	37	00.7	76	28.7	5		*			*			04.0					I	04	I	0.29	18.6	
27	05	64	19.0	LA	0001	37	00.7	76	28.7	*5		*		27	07			00.0	C	23.32	C	12.50	D	31	D	0.51	19.1	
27	05	64	19.0	LA	0001	37	00.7	76	28.7	*5		*		27	07			02.0	C	23.12	C	12.85		*		*	*	
27	05	64	19.0	LA	0001	37	00.7	76	28.7	*5		*		27	07			03.0	C	23.06	C	12.94		*		*	*	
27	05	64	19.0	LA	0001	37	00.7	76	28.7	*5		*		27	07			04.0	C	22.84	C	13.28		*		*	*	
27	05	64	19.0	LA	0001	37	00.7	76	28.7	*5		*		27	07			04.5	C	22.14	C	14.47		*		*	*	
27	05	64	19.0	LA	0001	37	00.7	76	28.7	*5		*		27	07			02.0					I	99	I	0.49	19.0	
27	05	64	19.0	LA	0001	37	00.7	76	28.7	*5		*		27	07			04.0					I	01	I	0.35	19.1	
27	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		*		26	07			00.0	C	23.04	C	12.07	D	33	D	0.51	19.6	
27	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		*		26	07			02.0	C	22.98	C	12.34		*		*	*	
27	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		*		26	07			03.0	C	22.88	C	12.83		*		*	*	
27	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		*		26	07			04.0	C	22.66	C	13.33		*		*	*	
27	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		*		26	07			04.5	C	21.94	C	14.83		*		*	*	
27	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		*		26	07			02.0					I	99	I	0.53	19.5	
27	05	64	19.5	LA	0001	37	00.7	76	28.7	*5		*		26	07			04.0					I	03	I	0.27	19.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
27	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		*		25	05			00.0	C	22.80	C	12.27	D	31	D	0.56	20.1	
27	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		*		25	05			02.0	C	22.80	C	12.54		*		*	*	
27	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		*		25	05			03.0	C	22.66	C	13.30		*		*	*	
27	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		*		25	05			04.0	C	21.90	C	14.90		*		*	*	
27	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		*		25	05			04.5	C	21.90	C	14.94		*		*	*	
27	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		*		25	05			02.0					I	99	I	0.55	20.0	
27	05	64	20.0	LA	0001	37	00.7	76	28.7	*5		*		25	05			04.0					I	02	I	0.32	20.1	
27	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		*		25	08			00.0	C	22.80	C	12.54	D	31	D	0.48	20.6	
27	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		*		25	08			02.0	C	22.40	C	13.71		*		*	*	
27	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		*		25	08			03.0	C	22.48	C	14.22		*		*	*	
27	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		*		25	08			04.0	C	22.12	C	14.51		*		*	*	
27	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		*		25	08			05.0	C	21.68	C	15.25		*		*	*	
27	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		*		25	08			02.0					I	35	I	0.56	20.5	
27	05	64	20.5	LA	0001	37	00.7	76	28.7	*5		*		25	08			04.0					I	06	I	0.20	20.6	
27	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		*		25	06			00.0	C	22.74	C	12.86	D	30	D	0.56	21.1	
27	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		*		25	06			02.0	C	22.20	C	14.36		*		*	*	
27	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		*		25	06			03.0	C	22.06	C	14.78		*		*	*	
27	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		*		25	06			04.0	C	22.02	C	14.94		*		*	*	
27	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		*		25	06			05.0	C	21.98	C	15.05		*		*	*	
27	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		*		25	06			02.0					I	34	I	0.52	21.0	
27	05	64	21.0	LA	0001	37	00.7	76	28.7	*5		*		25	06			04.0					I	03	I	0.35	21.1	
27	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		*		25	06			00.0	C	22.52	C	13.80	D	31	D	0.57	21.6	
27	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		*		25	06			02.0	C	22.40	C	14.25		*		*	*	
27	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		*		25	06			03.0	C	22.20	C	14.81		*		*	*	
27	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		*		25	06			04.0	C	22.18	C	14.89		*		*	*	
27	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		*		25	06			05.0	C	22.12	C	15.05		*		*	*	
27	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		*		25	06			02.0					I	33	I	0.61	21.5	
27	05	64	21.5	LA	0001	37	00.7	76	28.7	*5		*		25	06			04.0					I	03	I	0.32	21.7	
27	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		*		23	06			00.0	C	22.30	C	14.34	D	31	D	0.59	22.1	
27	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		*		23	06			02.0	C	22.32	C	14.25		*		*	*	
27	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		*		23	06			03.0	C	22.32	C	14.61		*		*	*	
27	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		*		23	06			04.0	C	22.32	C	14.96		*		*	*	
27	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		*		23	06			05.0	C	22.32	C	15.05		*		*	*	
27	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		*		23	06			02.0					I	99	I	0.52	22.0	
27	05	64	22.0	LA	0001	37	00.7	76	28.7	*5		*		23	06			04.0					I	99	I	0.47	22.1	
27	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		*		23	07			00.0	C	21.96	C	14.98	D	31	D	0.59	22.6	
27	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		*		23	07			02.0	C	21.96	C	15.44		*		*	*	
27	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		*		23	07			03.0	C	21.86	C	15.72		*		*	*	
27	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		*		23	07			04.0	C	21.84	C	15.76		*		*	*	
27	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		*		23	07			05.0	C	21.82	C	15.82		*		*	*	
27	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		*		23	07			02.0					I	99	I	0.60	22.5	
27	05	64	22.5	LA	0001	37	00.7	76	28.7	*5		*		23	07			04.0					I	99	I	0.44	22.6	
27	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		*		23	07			00.0	C	21.58	C	16.64	D	31	D	0.38	23.1	
27	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		*		23	07			02.0	C	21.60	C	16.64		*		*	*	
27	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		*		23	07			03.0	C	21.60	C	16.64		*		*	*	
27	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		*		23	07			04.0	C	21.60	C	16.62		*		*	*	
27	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		*		23	07			05.0	C	21.60	C	16.64		*		*	*	
27	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		*		23	07			02.0					I	02	I	0.55	23.0	
27	05	64	23.0	LA	0001	37	00.7	76	28.7	*5		*		23	07			04.0					I	02	I	0.41	23.1	
27	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		*		23	08			00.0	C	21.56	C	16.76	D	31	D	0.38	23.6	
27	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		*		23	08			02.0	C	21.56	C	16.78		*		*	*	
27	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		*		23	08			03.0	C	25.56	C	15.37		*		*	*	
27	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		*		23	08			04.0	C	25.58	C	15.37		*		*	*	
27	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		*		23	08			05.0	C	25.58	C	15.39		*		*	*	
27	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		*		23	08			02.0					I	01	I	0.51	23.5	
27	05	64	23.5	LA	0001	37	00.7	76	28.7	*5		*		23	08			04.0					I	03	I	0.32	23.6	
28	05	64	00.0	LA	0001	37	00.7	76	28.7	*6		*		23	07			00.0	C	21.54	C	16.98	D	31	D	0.22	00.1	
28	05	64	00.0	LA	0001	37	00.7	76	28.7	*6		*		23	07			02.0	C	21.54	C	16.98		*		*	*	
28	05	64	00.0	LA	0001	37	00.7	76	28.7	*6		*		23	07			03.0	C	21.54	C	17.00		*		*	*	
28	05	64	00.0	LA	0001	37	00.7	76	28.7	*6		*		23	07			04.0	C	21.54	C	17.00		*		*	*	
28	05	64	00.0	LA	0001	37	00.7	76	28.7	*6		*		23	07			05.0	C	21.54	C	16.98		*		*	*	
28	05	64	00.0	LA	0001	37	00.7	76	28.7	*6		*		23	07			02.0					I	04	I	0.44	00.0	
28	05	64	00.0	LA	0001	37	00.7	76	28.7	*6		*		23	07			04.0					I	05	I	0.21	00.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
28	05	64	00.5	LA	0001	37	00.7	76	28.7	*6		*		23	07			00.0	C	21.54	C	17.02	D	99		*	00.5	
28	05	64	00.5	LA	0001	37	00.7	76	28.7	*6		*		23	07			02.0	C	21.54	C	17.03		*		*	*	
28	05	64	00.5	LA	0001	37	00.7	76	28.7	*6		*		23	07			03.0	C	21.54	C	17.03		*		*	*	
28	05	64	00.5	LA	0001	37	00.7	76	28.7	*6		*		23	07			04.0	C	21.54	C	17.03		*		*	*	
28	05	64	00.5	LA	0001	37	00.7	76	28.7	*6		*		23	07			05.0	C	21.54	C	17.02		*		*	*	
28	05	64	00.5	LA	0001	37	00.7	76	28.7	*6		*		23	07			02.0					I	18	I	0.35	00.5	
28	05	64	00.5	LA	0001	37	00.7	76	28.7	*6		*		23	07			04.0					I	15	I	0.16	00.6	
28	05	64	01.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	11			00.0	C	21.54	C	16.91	D	14	D	0.51	01.5	
28	05	64	01.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	11			02.0	C	21.54	C	16.92		*		*	*	
28	05	64	01.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	11			03.0	C	21.52	C	16.96		*		*	*	
28	05	64	01.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	11			04.0	C	21.52	C	16.98		*		*	*	
28	05	64	01.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	11			02.0					I	24	I	0.47	01.2	
28	05	64	01.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	11			04.0					I	23	I	0.25	01.4	
28	05	64	01.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	11			02.0					I	25	I	0.25	01.5	
28	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	05			00.0	C	22.14	C	14.18	D	14	D	0.52	02.3	
28	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	05			02.0	C	22.08	C	14.56		*		*	*	
28	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	05			03.0	C	21.96	C	15.08		*		*	*	
28	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	05			04.0	C	21.59	C	16.71		*		*	*	
28	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	05			05.0	C	21.50	C	17.03		*		*	*	
28	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	05			02.0					I	23	I	0.43	02.0	
28	05	64	02.0	LA	0001	37	00.7	76	28.7	*6		6	24	29	05			04.0					I	25	I	0.35	02.3	
28	05	64	02.5	LA	0001	37	00.7	76	28.7	*6		6	24	34	10			00.0	C	22.10	C	14.31	D	16	D	0.30	02.7	
28	05	64	02.5	LA	0001	37	00.7	76	28.7	*6		6	24	34	10			02.0	C	22.00	C	14.42		*		*	*	
28	05	64	02.5	LA	0001	37	00.7	76	28.7	*6		6	24	34	10			03.0	C	21.96	C	14.94		*		*	*	
28	05	64	02.5	LA	0001	37	00.7	76	28.7	*6		6	24	34	10			04.0	C	21.46	C	17.00		*		*	*	
28	05	64	02.5	LA	0001	37	00.7	76	28.7	*6		6	24	34	10			05.0	C	21.42	C	17.21		*		*	*	
28	05	64	02.5	LA	0001	37	00.7	76	28.7	*6		6	24	34	10			06.0	C	21.42	C	17.25		*		*	*	
28	05	64	02.5	LA	0001	37	00.7	76	28.7	*6		6	24	34	10			02.0					I	22	I	0.41	02.5	
28	05	64	02.5	LA	0001	37	00.7	76	28.7	*6		6	24	34	10			04.0					I	26	I	0.39	02.6	
28	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		6	22	35	03			00.0	C	22.10	C	14.09	D	14	D	0.36	03.1	
28	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		6	22	35	03			02.0	C	22.08	C	14.45		*		*	*	
28	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		6	22	35	03			03.0	C	21.94	C	14.85		*		*	*	
28	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		6	22	35	03			04.0	C	21.60	C	16.47		*		*	*	
28	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		6	22	35	03			05.0	C	21.50	C	16.92		*		*	*	
28	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		6	22	35	03			06.0	C	21.48	C	16.92		*		*	*	
28	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		6	22	35	03			02.0					I	23	I	0.40	03.0	
28	05	64	03.0	LA	0001	37	00.7	76	28.7	*6		6	22	35	03			04.0					I	26	I	0.46	03.2	
28	05	64	03.5	LA	0001	37	00.7	76	28.7	6		7	22	5	06			00.0	C	22.34	C	13.21	D	14	D	0.34	03.7	
28	05	64	03.5	LA	0001	37	00.7	76	28.7	6		7	22	5	06			02.0	C	22.26	C	13.48		*		*	*	
28	05	64	03.5	LA	0001	37	00.7	76	28.7	6		7	22	5	06			03.0	C	21.68	C	16.24		*		*	*	
28	05	64	03.5	LA	0001	37	00.7	76	28.7	6		7	22	5	06			04.0	C	21.56	C	16.73		*		*	*	
28	05	64	03.5	LA	0001	37	00.7	76	28.7	6		7	22	5	06			05.0	C	21.50	C	16.89		*		*	*	
28	05	64	03.5	LA	0001	37	00.7	76	28.7	6		7	22	5	06			06.0	C	21.34	C	17.38		*		*	*	
28	05	64	03.5	LA	0001	37	00.7	76	28.7	6		7	22	5	06			02.0					I	25	I	0.41	03.5	
28	05	64	03.5	LA	0001	37	00.7	76	28.7	6		7	22	5	06			04.0					I	26	I	0.40	03.6	
28	05	64	04.0	LA	0001	37	00.7	76	28.7	6		7	21	5	06			00.0	C	22.68	C	12.30	D	15	D	0.38	*	
28	05	64	04.0	LA	0001	37	00.7	76	28.7	6		7	21	5	06			02.0	C	22.66	C	12.52		*		*	*	
28	05	64	04.0	LA	0001	37	00.7	76	28.7	6		7	21	5	06			03.0	C	21.36	C	16.55		*		*	*	
28	05	64	04.0	LA	0001	37	00.7	76	28.7	6		7	21	5	06			04.0	C	21.40	C	17.21		*		*	*	
28	05	64	04.0	LA	0001	37	00.7	76	28.7	6		7	21	5	06			05.0	C	21.40	C	17.23		*		*	*	
28	05	64	04.0	LA	0001	37	00.7	76	28.7	6		7	21	5	06			06.0	C	21.36	C	17.38		*		*	*	
28	05	64	04.0	LA	0001	37	00.7	76	28.7	6		7	21	5	06			02.0					I	24	I	0.20	04.0	
28	05	64	04.0	LA	0001	37	00.7	76	28.7	6		7	21	5	06			04.0					I	26	I	0.42	04.1	
28	05	64	04.5	LA	0001	37	00.7	76	28.7	6		7	21	3	05			00.0	C	22.70	C	11.87	D	17	D	0.33	04.6	
28	05	64	04.5	LA	0001	37	00.7	76	28.7	6		7	21	3	05			02.0	C	22.74	C	12.07		*		*	*	
28	05	64	04.5	LA	0001	37	00.7	76	28.7	6		7	21	3	05			03.0	C	21.70	C	16.02		*		*	*	
28	05	64	04.5	LA	0001	37	00.7	76	28.7	6		7	21	3	05			04.0	C	21.55	C	16.60		*		*	*	
28	05	64	04.5	LA	0001	37	00.7	76	28.7	6		7	21	3	05			05.0	C	21.46	C	16.92		*		*	*	
28	05	64	04.5	LA	0001	37	00.7	76	28.7	6		7	21	3	05			06.0	C	21.46	C	16.96		*		*	*	
28	05	64	04.5	LA	0001	37	00.7	76	28.7	6		7	21	3	05			04.0					I	26	I	0.40	04.5	
28	05	64	04.5	LA	0001	37	00.7	76	28.7	6		7	21	3	05			04.0					I	26	I	0.25	04.7	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC			
28	05	64	05.0	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.9		00.0	C	22.68	C	11.89	D	17	D	0.00	05.1		
28	05	64	05.0	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.9		02.0	C	22.74	C	11.98		*		*	*		
28	05	64	05.0	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.9		03.0	C	21.56	C	16.55		*		*	*		
28	05	64	05.0	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.9		04.0	C	21.50	C	16.78		*		*	*		
28	05	64	05.0	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.9		05.0	C	21.40	C	17.20		*		*	*		
28	05	64	05.0	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.9		06.0	C	21.28	C	17.61		*		*	*		
28	05	64	05.0	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.9		02.0					I	24	I	0.27	05.0		
28	05	64	05.0	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.9		04.0					I	26	I	0.11	05.2		
28	05	64	05.5	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.8		00.0	C	22.70	C	11.82	D	00	D	0.00	*		
28	05	64	05.5	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.8		02.0	C	22.70	C	13.59		*		*	*		
28	05	64	05.5	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.8		03.0	C	21.66	C	16.09		*		*	*		
28	05	64	05.5	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.8		04.0	C	21.48	C	16.78		*		*	*		
28	05	64	05.5	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.8		05.0	C	21.46	C	16.87		*		*	*		
28	05	64	05.5	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.8		06.0	C	21.46	C	16.91		*		*	*		
28	05	64	05.5	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.8		02.0					I	23	I	0.20	05.5		
28	05	64	05.5	LA	0001	37	00.7	76	28.7	6		8	21	5	05	0.8		04.0					I	29	I	0.07	05.7		
28	05	64	06.0	LA	0001	37	00.7	76	28.7	6		8	23	6	03	0.8		00.0	C	22.68	C	11.69	D	00	D	0.00	06.1		
28	05	64	06.0	LA	0001	37	00.7	76	28.7	6		8	23	6	03	0.8		02.0	C	21.68	C	16.06		*		*	*		
28	05	64	06.0	LA	0001	37	00.7	76	28.7	6		8	23	6	03	0.8		03.0	C	21.58	C	16.47		*		*	*		
28	05	64	06.0	LA	0001	37	00.7	76	28.7	6		8	23	6	03	0.8		04.0	C	21.50	C	16.67		*		*	*		
28	05	64	06.0	LA	0001	37	00.7	76	28.7	6		8	23	6	03	0.8		05.0	C	21.50	C	16.74		*		*	*		
28	05	64	06.0	LA	0001	37	00.7	76	28.7	6		8	23	6	03	0.8		06.0	C	21.44	C	16.96		*		*	*		
28	05	64	06.0	LA	0001	37	00.7	76	28.7	6		8	23	6	03	0.8		02.0					I	25	I	0.11	06.3		
28	05	64	06.0	LA	0001	37	00.7	76	28.7	6		8	23	6	03	0.8		04.5					I	11	I	1.00	06.0		
28	05	64	06.5	LA	0001	37	00.7	76	28.7	6		8	21	6	03	0.8		00.0	C	22.68	C	15.58	D	30	D	0.14	06.6		
28	05	64	06.5	LA	0001	37	00.7	76	28.7	6		8	21	6	03	0.8		02.0	C	22.72	C	11.82		*		*	*		
28	05	64	06.5	LA	0001	37	00.7	76	28.7	6		8	21	6	03	0.8		03.0	C	22.48	C	12.97		*		*	*		
28	05	64	06.5	LA	0001	37	00.7	76	28.7	6		8	21	6	03	0.8		04.0	C	21.72	C	16.02		*		*	*		
28	05	64	06.5	LA	0001	37	00.7	76	28.7	6		8	21	6	03	0.8		05.0	C	21.64	C	16.17		*		*	*		
28	05	64	06.5	LA	0001	37	00.7	76	28.7	6		8	21	6	03	0.8		06.0	C	21.64	C	16.18		*		*	*		
28	05	64	06.5	LA	0001	37	00.7	76	28.7	6		8	21	6	03	0.8		02.0					I	04	I	0.10	07.0		
28	05	64	06.5	LA	0001	37	00.7	76	28.7	6		8	21	6	03	0.8		04.0					I	99	I	0.11	06.5		
28	05	64	07.0	LA	0001	37	00.7	76	28.7	*6		1	20	11	03	0.9		00.0	C	22.60	C	11.96	D	30	D	0.25	07.2		
28	05	64	07.0	LA	0001	37	00.7	76	28.7	*6		1	20	11	03	0.9		02.0	C	22.62	C	12.29		*		*	*		
28	05	64	07.0	LA	0001	37	00.7	76	28.7	*6		1	20	11	03	0.9		03.0	C	22.48	C	13.03		*		*	*		
28	05	64	07.0	LA	0001	37	00.7	76	28.7	*6		1	20	11	03	0.9		04.0	C	22.10	C	14.40		*		*	*		
28	05	64	07.0	LA	0001	37	00.7	76	28.7	*6		1	20	11	03	0.9		05.0	C	21.66	C	15.97		*		*	*		
28	05	64	07.0	LA	0001	37	00.7	76	28.7	*6		1	20	11	03	0.9		04.0					I	03	I	0.10	07.3		
28	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1			*	0.8		00.0	C	22.50	C	12.27		*		*	07.5		
28	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1			*	0.8		02.0	C	22.42	C	12.88		*		*	07.5		
28	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1			*	0.8		03.0	C	22.36	C	13.19		*		*	07.5		
28	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1			*	0.8		04.0	C	22.26	C	13.66		*		*	07.5		
28	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1			*	0.8		05.0	C	21.80	C	14.11		*		*	07.5		
28	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1			*	0.8		02.0					I	01	I	0.20	07.6		
28	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1			*	0.8		04.0					I	02	I	0.24	07.7		
28	05	64	08.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		00.0	C	22.26	C	12.63	E	33	D	0.43	08.0		
28	05	64	08.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		02.0	C	22.32	C	12.81		*		*	08.0		
28	05	64	08.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		03.0	C	22.32	C	12.94		*		*	08.0		
28	05	64	08.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		04.0	C	22.02	C	14.40		*		*	08.0		
28	05	64	08.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		05.0	C	21.48	C	16.98		*		*	08.0		
28	05	64	08.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		04.0					I	03	I	0.24	08.1		
28	05	64	08.5	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		00.0	C	22.30	C	12.32		*		*	08.5		
28	05	64	08.5	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		02.0	C	22.18	C	13.26		*		*	08.5		
28	05	64	08.5	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		03.0	C	21.88	C	14.45		*		*	08.5		
28	05	64	08.5	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		04.0	C	21.44	C	14.83		*		*	08.5		
28	05	64	08.5	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		05.0	C	21.40	C	17.16		*		*	08.6		
28	05	64	08.5	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		04.0					I	01	I	0.27	08.6		
28	05	64	09.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		00.0	C	22.36	C	12.43	E	34	D	0.46	09.0		
28	05	64	09.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		02.0	C	22.00	C	14.43		*		*	09.0		
28	05	64	09.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		03.0	C	21.84	C	15.23		*		*	09.0		
28	05	64	09.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		04.0	C	21.42	C	17.00		*		*	09.0		
28	05	64	09.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		05.0	C	21.38	C	17.14		*		*	09.0		
28	05	64	09.0	LA	0001	37	00.7	76	28.7	6		1	20	9	04	0.8		04.0					I	01	I	0.28	09.1		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
28	05	64	09.5	LA	0001	37	00.7	76	28.7	6		1	21	9	05	0.8		00.0	C	22.28	C	12.85		*		*	*
28	05	64	09.5	LA	0001	37	00.7	76	28.7	6		1	21	9	05	0.8		02.0	C	21.80	C	15.19		*		*	*
28	05	64	09.5	LA	0001	37	00.7	76	28.7	6		1	21	9	05	0.8		03.0	C	21.56	C	16.26		*		*	*
28	05	64	09.5	LA	0001	37	00.7	76	28.7	6		1	21	9	05	0.8		04.0	C	21.54	C	16.51		*		*	*
28	05	64	09.5	LA	0001	37	00.7	76	28.7	6		1	21	9	05	0.8		05.0	C	21.50	C	16.62		*		*	*
28	05	64	09.5	LA	0001	37	00.7	76	28.7	6		1	21	9	05	0.8		04.0					I	01	I	0.34	09.6
28	05	64	09.5	LA	0001	37	00.7	76	28.7	6		1	21	9	05	0.8		04.0					I	01	I	0.35	10.0
28	05	64	10.3	LA	0001	37	00.7	76	28.7	*6		2	20	11	05	0.8		00.0	C	22.24	C	13.89	E	33	D	0.56	10.4
28	05	64	10.3	LA	0001	37	00.7	76	28.7	*6		2	20	11	05	0.8		02.0	C	21.64	C	15.88		*		*	*
28	05	64	10.3	LA	0001	37	00.7	76	28.7	*6		2	20	11	05	0.8		03.0	C	21.54	C	16.33		*		*	*
28	05	64	10.3	LA	0001	37	00.7	76	28.7	*6		2	20	11	05	0.8		04.0	C	21.48	C	16.53		*		*	*
28	05	64	10.3	LA	0001	37	00.7	76	28.7	*6		2	20	11	05	0.8		05.0	C	21.46	C	16.56		*		*	*
28	05	64	10.5	LA	0001	37	00.7	76	28.7	*6		2	20	11	05	0.8		00.0	C	22.08	C	15.08	E	33	D	0.60	10.6
28	05	64	10.5	LA	0001	37	00.7	76	28.7	*6		2	20	11	05	0.8		02.0	C	21.58	C	16.06		*		*	*
28	05	64	10.5	LA	0001	37	00.7	76	28.7	*6		2	20	11	05	0.8		03.0	C	21.50	C	16.60		*		*	*
28	05	64	10.5	LA	0001	37	00.7	76	28.7	*6		2	20	11	05	0.8		04.0	C	21.38	C	16.71		*		*	*
28	05	64	10.5	LA	0001	37	00.7	76	28.7	*6		2	20	11	05	0.8		05.0	C	21.16	C	16.91		*		*	*
28	05	64	10.5	LA	0001	37	00.7	76	28.7	*6		2	20	11	05	0.8		04.0					I	06	I	0.22	10.6
28	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		2	20	11	05	0.9		00.0	C	21.88	C	15.05	E	33	D	0.49	11.1
28	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		2	20	11	05	0.9		02.0	C	21.46	C	16.28		*		*	*
28	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		2	20	11	05	0.9		03.0	C	21.42	C	16.60		*		*	*
28	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		2	20	11	05	0.9		04.0	C	21.38	C	16.69		*		*	*
28	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		2	20	11	05	0.9		05.0	C	21.36	C	16.71		*		*	*
28	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		2	20	11	05	0.9		04.0					I	04	I	0.27	11.0
28	05	64	11.0	LA	0001	37	00.7	76	28.7	*5		2	20	11	05	0.9		04.0					I	03	I	0.11	11.6
28	05	64	12.0	LA	0001	37	00.7	76	28.7	*6		3	21	17	07	1.0		00.0	C	21.92	C	15.12	E	34	D	0.44	12.0
28	05	64	12.0	LA	0001	37	00.7	76	28.7	*6		3	21	17	07	1.0		02.0	C	21.58	C	16.02		*		*	*
28	05	64	12.0	LA	0001	37	00.7	76	28.7	*6		3	21	17	07	1.0		03.0	C	21.40	C	16.46		*		*	*
28	05	64	12.0	LA	0001	37	00.7	76	28.7	*6		3	21	17	07	1.0		04.0	C	21.36	C	16.60		*		*	*
28	05	64	12.0	LA	0001	37	00.7	76	28.7	*6		3	21	17	07	1.0		05.0	C	21.32	C	16.60		*		*	*
28	05	64	12.0	LA	0001	37	00.7	76	28.7	*6		3	21	17	07	1.0		04.0					I	08	I	0.21	12.0
28	05	64	12.5	LA	0001	37	00.7	76	28.7	*6		3	21	18	04	1.0		00.0	C	21.76	C	15.12	E	33	D	0.25	12.5
28	05	64	12.5	LA	0001	37	00.7	76	28.7	*6		3	21	18	04	1.0		02.0	C	21.72	C	15.52		*		*	*
28	05	64	12.5	LA	0001	37	00.7	76	28.7	*6		3	21	18	04	1.0		03.0	C	21.60	C	16.06		*		*	*
28	05	64	12.5	LA	0001	37	00.7	76	28.7	*6		3	21	18	04	1.0		04.0	C	21.36	C	16.80		*		*	*
28	05	64	12.5	LA	0001	37	00.7	76	28.7	*6		3	21	18	04	1.0		05.0	C	21.18	C	17.20		*		*	*
28	05	64	12.5	LA	0001	37	00.7	76	28.7	*6		3	21	18	04	1.0		02.0					I	09	I	0.20	12.7
28	05	64	12.5	LA	0001	37	00.7	76	28.7	*6		3	21	18	04	1.0		04.0					I	13	I	0.30	12.5
28	05	64	13.0	LA	0001	37	00.7	76	28.7	*6		4	18	20	02	1.0		00.0	C	21.74	C	15.32	E	99	D	0.00	13.1
28	05	64	13.0	LA	0001	37	00.7	76	28.7	*6		4	18	20	02	1.0		02.0	C	21.48	C	16.22		*		*	*
28	05	64	13.0	LA	0001	37	00.7	76	28.7	*6		4	18	20	02	1.0		03.0	C	21.44	C	16.49		*		*	*
28	05	64	13.0	LA	0001	37	00.7	76	28.7	*6		4	18	20	02	1.0		04.0	C	21.30	C	16.87		*		*	*
28	05	64	13.0	LA	0001	37	00.7	76	28.7	*6		4	18	20	02	1.0		04.5	C	21.28	C	16.98		*		*	*
28	05	64	13.0	LA	0001	37	00.7	76	28.7	*6		4	18	20	02	1.0		04.0					I	18	I	0.35	13.0
28	05	64	13.5	LA	0001	37	00.7	76	28.7	*6		5	17	19	04	1.0		00.0	C	21.74	C	15.08	E	14	D	0.16	*
28	05	64	13.5	LA	0001	37	00.7	76	28.7	*6		5	17	19	04	1.0		02.0	C	21.72	C	15.16		*		*	*
28	05	64	13.5	LA	0001	37	00.7	76	28.7	*6		5	17	19	04	1.0		03.0	C	21.64	C	15.39		*		*	*
28	05	64	13.5	LA	0001	37	00.7	76	28.7	*6		5	17	19	04	1.0		04.0	C	21.58	C	15.48		*		*	*
28	05	64	13.5	LA	0001	37	00.7	76	28.7	*6		5	17	19	04	1.0		02.0					I	26	I	0.70	13.6
28	05	64	13.5	LA	0001	37	00.7	76	28.7	*6		5	17	19	04	1.0		04.0					I	19	I	0.27	13.7
28	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	17	16	02	1.0		00.0	C	21.96	C	14.40	E	14	D	0.29	*
28	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	17	16	02	1.0		02.0	C	21.98	C	14.43		*		*	*
28	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	17	16	02	1.0		03.0	C	21.92	C	14.78		*		*	*
28	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	17	16	02	1.0		04.0	C	21.96	C	14.90		*		*	*
28	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	17	16	02	1.0		05.0	C	21.54	C	16.13		*		*	*
28	05	64	14.0	LA	0001	37	00.7	76	28.7	*6		5	17	16	02	1.0		04.0					I	24	I	0.26	14.0
28	05	64	14.4	LA	0001	37	00.7	76	28.7	6		5			*	1.1		00.0	C	21.88	C	14.34		*		*	*
28	05	64	14.4	LA	0001	37	00.7	76	28.7	6		5			*	1.1		01.0	C	21.90	C	14.43		*		*	*
28	05	64	14.4	LA	0001	37	00.7	76	28.7	6		5			*	1.1		02.0	C	21.88	C	14.47		*		*	*
28	05	64	14.4	LA	0001	37	00.7	76	28.7	6		5			*	1.1		03.0	C	21.88	C	14.48		*		*	*
28	05	64	14.4	LA	0001	37	00.7	76	28.7	6		5			*	1.1		04.0	C	21.82	C	14.97		*		*	*
28	05	64	14.4	LA	0001	37	00.7	76	28.7	6		5			*	1.1		05.0	C	21.68	C	15.70		*		*	*
28	05	64	14.4	LA	0001	37	00.7	76	28.7	6		5			*	1.1		06.0	C	21.06	C	17.66		*		*	*

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC	SAMPLE TIME (E.S.T.)
28	05	64	14.5	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	00.0	C	21.92	C	14.27	E	15	D	0.34	*
28	05	64	14.5	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	02.0	C	21.90	C	14.47		*		*	*
28	05	64	14.5	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	03.0	C	21.90	C	14.54		*		*	*
28	05	64	14.5	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	04.0	C	21.82	C	14.94		*		*	*
28	05	64	14.5	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	05.0	C	21.72	C	16.31		*		*	*
28	05	64	14.5	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	06.0	C	20.72	C	18.19		*		*	*
28	05	64	14.8	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	00.0	C	21.92	C	14.34		*		*	*
28	05	64	14.8	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	01.0	C	21.88	C	14.43		*		*	*
28	05	64	14.8	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	02.0	C	21.86	C	14.47		*		*	*
28	05	64	14.8	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	03.0	C	21.84	C	14.56		*		*	*
28	05	64	14.8	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	04.0	C	21.84	C	14.72		*		*	*
28	05	64	14.8	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	05.0	C	21.64	C	15.64		*		*	*
28	05	64	14.8	LA	0001	37	00.7	76	28.7	5	5	17		00	1.1	05.6	C	21.06	C	16.00		*		*	*
28	05	64	15.0	LA	0001	37	00.7	76	28.7	5	6	17		00	1.0	00.0	C	21.85			E	13	D	0.34	15.2
28	05	64	15.0	LA	0001	37	00.7	76	28.7	5	6	17		00	1.0	02.0	C	21.87				*		*	*
28	05	64	15.0	LA	0001	37	00.7	76	28.7	5	6	17		00	1.0	03.0	C	21.83				*		*	*
28	05	64	15.0	LA	0001	37	00.7	76	28.7	5	6	17		00	1.0	04.0	C	21.77				*		*	*
28	05	64	15.0	LA	0001	37	00.7	76	28.7	5	6	17		00	1.0	05.0	C	21.57				*		*	*
28	05	64	15.6	LA	0001	37	00.7	76	28.7	6	6	17		00	1.0	00.0	C	22.06	C	13.95	E	13	D	0.32	15.6
28	05	64	15.6	LA	0001	37	00.7	76	28.7	6	6	17		00	1.0	02.0	C	22.06	C	14.11		*		*	*
28	05	64	15.6	LA	0001	37	00.7	76	28.7	6	6	17		00	1.0	03.0	C	22.04	C	14.16		*		*	*
28	05	64	15.6	LA	0001	37	00.7	76	28.7	6	6	17		00	1.0	04.0	C	22.02	C	14.31		*		*	*
28	05	64	15.6	LA	0001	37	00.7	76	28.7	6	6	17		00	1.0	05.0	C	21.62	C	15.35		*		*	*
28	05	64	15.6	LA	0001	37	00.7	76	28.7	6	6	17		00	1.0	06.0	C	21.06	C	17.85		*		*	*
28	05	64	16.3	LA	0001	37	00.7	76	28.7	6	6	19		00	0.9	00.0	C	22.20	C	13.71	E	15	D	0.19	16.3
28	05	64	16.3	LA	0001	37	00.7	76	28.7	6	6	19		00	0.9	02.0	C	22.18	C	13.44		*		*	*
28	05	64	16.3	LA	0001	37	00.7	76	28.7	6	6	19		00	0.9	03.0	C	22.18	C	13.51		*		*	*
28	05	64	16.3	LA	0001	37	00.7	76	28.7	6	6	19		00	0.9	04.0	C	22.12	C	13.82		*		*	*
28	05	64	16.3	LA	0001	37	00.7	76	28.7	6	6	19		00	0.9	05.0	C	21.06	C	17.12		*		*	*
28	05	64	16.3	LA	0001	37	00.7	76	28.7	6	6	19		00	0.9	06.0	C	21.04	C	17.16		*		*	*
28	05	64	16.5	LA	0001	37	00.7	76	28.7	6	6	17		09	0.9	00.0	C	22.28	C	13.10	E	15	D	0.16	*
28	05	64	16.5	LA	0001	37	00.7	76	28.7	6	6	19		00	0.9	02.0	C	22.25	C	13.21		*		*	*
28	05	64	16.5	LA	0001	37	00.7	76	28.7	6	6	19		00	0.9	03.0	C	22.22	C	13.31		*		*	*
28	05	64	16.5	LA	0001	37	00.7	76	28.7	6	6	19		00	0.9	04.0	C	22.06	C	14.00		*		*	*
28	05	64	16.5	LA	0001	37	00.7	76	28.7	6	6	19		00	0.9	05.0	C	21.12	C	17.32		*		*	*
28	05	64	16.5	LA	0001	37	00.7	76	28.7	6	6	19		00	0.9	06.0	C	21.06	C	17.50		*		*	*
28	05	64	17.0	LA	0001	37	00.7	76	28.7	6	7	19		00	0.9	00.0	C	22.32	C	12.83	E	13	D	0.21	17.4
28	05	64	17.0	LA	0001	37	00.7	76	28.7	6	7	19		00	0.9	02.0	C	22.34	C	12.92		*		*	*
28	05	64	17.0	LA	0001	37	00.7	76	28.7	6	7	19		00	0.9	03.0	C	22.30	C	13.03		*		*	*
28	05	64	17.0	LA	0001	37	00.7	76	28.7	6	7	19		00	0.9	04.0	C	21.30	C	16.55		*		*	*
28	05	64	17.0	LA	0001	37	00.7	76	28.7	6	7	19		00	0.9	05.0	C	21.20	C	17.20		*		*	*
28	05	64	17.0	LA	0001	37	00.7	76	28.7	6	7	19		00	0.9	06.0	C	21.08	C	17.38		*		*	*
28	05	64	17.5	LA	0001	37	00.7	76	28.7	6	7	18		00	0.7	00.0	C	22.40	C	12.63	E	12	D	0.12	17.6
28	05	64	17.5	LA	0001	37	00.7	76	28.7	6	7	18		00	0.7	02.0	C	22.41	C	12.67		*		*	*
28	05	64	17.5	LA	0001	37	00.7	76	28.7	6	7	18		00	0.7	03.0	C	22.37	C	12.74		*		*	*
28	05	64	17.5	LA	0001	37	00.7	76	28.7	6	7	18		00	0.7	04.0	C	22.02	C	13.59		*		*	*
28	05	64	17.5	LA	0001	37	00.7	76	28.7	6	7	18		00	0.7	05.0	C	21.32	C	16.74		*		*	*
28	05	64	17.5	LA	0001	37	00.7	76	28.7	6	7	18		00	0.7	06.0	C	21.28	C	16.87		*		*	*
28	05	64	18.2	LA	0001	37	00.7	76	28.7	6	1	18	4	02	0.8	00.0	C	22.41	C	12.54	E	32	D	0.06	18.4
28	05	64	18.2	LA	0001	37	00.7	76	28.7	6	1	18	4	02	0.8	02.0	C	22.38	C	12.67		*		*	*
28	05	64	18.2	LA	0001	37	00.7	76	28.7	6	1	18	4	02	0.8	03.0	C	22.32	C	12.88		*		*	*
28	05	64	18.2	LA	0001	37	00.7	76	28.7	6	1	18	4	02	0.8	04.0	C	22.08	C	13.86		*		*	*
28	05	64	18.2	LA	0001	37	00.7	76	28.7	6	1	18	4	02	0.8	05.0	C	21.25	C	17.07		*		*	*
28	05	64	19.1	LA	0001	37	00.7	76	28.7	6	1	18	4	03		00.0	C	22.24	C	12.86	E	33	D	0.25	19.2
28	05	64	19.1	LA	0001	37	00.7	76	28.7	6	1	18	4	03		02.0	C	22.28	C	12.99		*		*	*
28	05	64	19.1	LA	0001	37	00.7	76	28.7	6	1	18	4	03		03.0	C	22.16	C	13.59		*		*	*
28	05	64	19.1	LA	0001	37	00.7	76	28.7	6	1	18	4	03		04.0	C	21.48	C	16.47		*		*	*
28	05	64	19.1	LA	0001	37	00.7	76	28.7	6	1	18	4	03		04.5	C	21.42	C	16.69		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
28	05	64	19.5	LA	0001	37	00.7	76	28.7	6		1	18		00			00.0	C	22.10	C	12.94	E	33	D	0.20	19.6		
28	05	64	19.5	LA	0001	37	00.7	76	28.7	6		1	18		00			02.0	C	22.14	C	13.51		*		*	*		
28	05	64	19.5	LA	0001	37	00.7	76	28.7	6		1	18		00			03.0	C	21.55	C	15.53		*		*	*		
28	05	64	19.5	LA	0001	37	00.7	76	28.7	6		1	18		00			04.0	C	21.47	C	16.00		*		*	*		
28	05	64	19.5	LA	0001	37	00.7	76	28.7	6		1	18		00			04.5	C	21.47	C	16.22		*		*	*		
28	05	64	20.0	LA	0001	37	00.7	76	28.7	6		1	19		00			00.0	C	22.09	C	12.97	E	33	D	0.40	20.2		
28	05	64	20.0	LA	0001	37	00.7	76	28.7	6		1	19		00			02.0	C	21.97	C	14.45		*		*	*		
28	05	64	20.0	LA	0001	37	00.7	76	28.7	6		1	19		00			03.0	C	21.97	C	14.72		*		*	*		
28	05	64	20.0	LA	0001	37	00.7	76	28.7	6		1	19		00			04.0	C	21.76	C	15.12		*		*	*		
28	05	64	20.0	LA	0001	37	00.7	76	28.7	6		1	19		00			04.5	C	21.64	C	15.63		*		*	*		
28	05	64	20.5	LA	0001	37	00.7	76	28.7	6		1	17		02			00.0	C	21.96	C	13.08	E	33	D	0.44	20.6		
28	05	64	20.5	LA	0001	37	00.7	76	28.7	6		1	17		02			02.0	C	22.05	C	14.07		*		*	*		
28	05	64	20.5	LA	0001	37	00.7	76	28.7	6		1	17		02			03.0	C	21.82	C	14.89		*		*	*		
28	05	64	20.5	LA	0001	37	00.7	76	28.7	6		1	17		02			04.0	C	21.70	C	14.74		*		*	*		
28	05	64	20.5	LA	0001	37	00.7	76	28.7	6		1	17		02			04.5	C	21.40	C	14.78		*		*	*		
28	05	64	21.0	LA	0001	37	00.7	76	28.7	6		2	18	6	04			00.0	C	21.92	C	12.76	E	33	D	0.45	21.2		
28	05	64	21.0	LA	0001	37	00.7	76	28.7	6		2	18	6	04			02.0	C	21.96	C	14.33		*		*	*		
28	05	64	21.0	LA	0001	37	00.7	76	28.7	6		2	18	6	04			03.0	C	21.88	C	14.40		*		*	*		
28	05	64	21.0	LA	0001	37	00.7	76	28.7	6		2	18	6	04			04.0	C	21.78	C	14.58		*		*	*		
28	05	64	21.0	LA	0001	37	00.7	76	28.7	6		2	18	6	04			04.5	C	21.30	C	16.18		*		*	*		
28	05	64	21.5	LA	0001	37	00.7	76	28.7	6		2	18	6	04			00.0	C	20.89	C	13.64	E	33	D	0.56	21.6		
28	05	64	21.5	LA	0001	37	00.7	76	28.7	6		2	18	6	04			02.0	C	21.78	C	14.72		*		*	*		
28	05	64	21.5	LA	0001	37	00.7	76	28.7	6		2	18	6	04			03.0	C	21.70	C	15.41		*		*	*		
28	05	64	21.5	LA	0001	37	00.7	76	28.7	6		2	18	6	04			04.0	C	21.13	C	16.61		*		*	*		
28	05	64	21.5	LA	0001	37	00.7	76	28.7	6		2	18	6	04			05.0	C	20.97	C	17.27		*		*	*		
28	05	64	22.0	LA	0001	37	00.7	76	28.7	6		2	18	6	01			00.0	C	21.73	C	13.57	E	33	D	0.51	22.1		
28	05	64	22.0	LA	0001	37	00.7	76	28.7	6		2	18	6	01			02.0	C	21.18	C	16.37		*		*	*		
28	05	64	22.0	LA	0001	37	00.7	76	28.7	6		2	18	6	01			03.0	C	21.13	C	16.53		*		*	*		
28	05	64	22.0	LA	0001	37	00.7	76	28.7	6		2	18	6	01			04.0	C	21.10	C	16.78		*		*	*		
28	05	64	22.0	LA	0001	37	00.7	76	28.7	6		2	18	6	01			05.0	C	21.08	C	12.85		*		*	*		
28	05	64	22.5	LA	0001	37	00.7	76	28.7	6		2	18	6	01			00.0	C	21.12	C	15.80	E	33	D	0.56	22.5		
28	05	64	22.5	LA	0001	37	00.7	76	28.7	6		2	18	6	01			05.0	C	21.00	C	13.80		*		*	*		
28	05	64	23.0	LA	0001	37	00.7	76	28.7	6		2	17	5	04			00.0	C	20.74	C	17.34	E	33	D	0.51	23.1		
28	05	64	23.0	LA	0001	37	00.7	76	28.7	6		2	17	5	04			02.0	C	20.72	C	17.56		*		*	*		
28	05	64	23.0	LA	0001	37	00.7	76	28.7	6		2	17	5	04			03.0	C	20.70	C	17.65		*		*	*		
28	05	64	23.0	LA	0001	37	00.7	76	28.7	6		2	17	5	04			04.0	C	20.70	C	17.70		*		*	*		
28	05	64	23.0	LA	0001	37	00.7	76	28.7	6		2	17	5	04			05.0	C	20.68	C	17.77		*		*	*		
28	05	64	23.5	LA	0001	37	00.7	76	28.7	6		2	17	5	04			00.0	C	20.82	C	15.79	E	33	D	0.41	23.6		
28	05	64	23.5	LA	0001	37	00.7	76	28.7	6		2	17	5	04			02.0	C	20.72	C	17.21		*		*	*		
28	05	64	23.5	LA	0001	37	00.7	76	28.7	6		2	17	5	04			03.0	C	20.70	C	17.50		*		*	*		
28	05	64	23.5	LA	0001	37	00.7	76	28.7	6		2	17	5	04			04.0	C	20.70	C	17.59		*		*	*		
28	05	64	23.5	LA	0001	37	00.7	76	28.7	6		2	17	5	04			05.0	C	20.70	C	17.66		*		*	*		
29	05	64	00.0	LA	0001	37	00.7	76	28.7	6		2	16	5	04			00.0	C	20.82	C	16.37	E	33	D	0.36	00.1		
29	05	64	00.0	LA	0001	37	00.7	76	28.7	6		2	16	5	04			02.0	C	20.74	C	17.23		*		*	*		
29	05	64	00.0	LA	0001	37	00.7	76	28.7	6		2	16	5	04			03.0	C	20.72	C	17.39		*		*	*		
29	05	64	00.0	LA	0001	37	00.7	76	28.7	6		2	16	5	04			04.0	C	20.70	C	17.52		*		*	*		
29	05	64	00.0	LA	0001	37	00.7	76	28.7	6		2	16	5	04			05.0	C	20.68	C	17.66		*		*	*		
29	05	64	00.5	LA	0001	37	00.7	76	28.7	6		2	16	5	04			00.0	C	20.63	C	17.12	E	33	D	0.31	00.6		
29	05	64	00.5	LA	0001	37	00.7	76	28.7	6		2	16	5	04			02.0	C	20.65	C	17.50		*		*	*		
29	05	64	00.5	LA	0001	37	00.7	76	28.7	6		2	16	5	04			03.0	C	20.65	C	17.56		*		*	*		
29	05	64	00.5	LA	0001	37	00.7	76	28.7	6		2	16	5	04			04.0	C	20.64	C	17.65		*		*	*		
29	05	64	00.5	LA	0001	37	00.7	76	28.7	6		2	16	5	04			05.0	C	20.63	C	17.66		*		*	*		
29	05	64	01.0	LA	0001	37	00.7	76	28.7	6		3	16	5	06			00.0	C	20.63	C	17.32	E	33	D	0.25	01.1		
29	05	64	01.0	LA	0001	37	00.7	76	28.7	6		3	16	5	06			02.0	C	20.63	C	17.59		*		*	*		
29	05	64	01.0	LA	0001	37	00.7	76	28.7	6		3	16	5	06			03.0	C	20.62	C	17.65		*		*	*		
29	05	64	01.0	LA	0001	37	00.7	76	28.7	6		3	16	5	06			04.0	C	20.59	C	17.77		*		*	*		
29	05	64	01.0	LA	0001	37	00.7	76	28.7	6		3	16	5	06			05.0	C	20.58	C	17.92		*		*	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
29	05	64	01.5	LA	0001	37	00.7	76	28.7	*6	4	16	36	06		00.0	C	20.54	C	17.12	E	22	D	0.10	01.6
29	05	64	01.5	LA	0001	37	00.7	76	28.7	*6	4	16	36	06		02.0	C	20.60	C	17.36		*		*	*
29	05	64	01.5	LA	0001	37	00.7	76	28.7	*6	4	16	36	06		03.0	C	20.58	C	17.63		*		*	*
29	05	64	01.5	LA	0001	37	00.7	76	28.7	*6	4	16	36	06		04.0	C	20.57	C	17.74		*		*	*
29	05	64	01.5	LA	0001	37	00.7	76	28.7	*6	4	16	36	06		05.0	C	20.57	C	18.06		*		*	*
29	05	64	02.0	LA	0001	37	00.7	76	28.7	*6	5	15	36	09		00.0	C	20.56	C	15.91	E	13	D	0.17	02.2
29	05	64	02.0	LA	0001	37	00.7	76	28.7	*6	5	15	36	09		02.0	C	20.53	C	16.33		*		*	*
29	05	64	02.0	LA	0001	37	00.7	76	28.7	*6	5	15	36	09		03.0	C	20.50	C	16.51		*		*	*
29	05	64	02.0	LA	0001	37	00.7	76	28.7	*6	5	15	36	09		04.0	C	20.48	C	17.72		*		*	*
29	05	64	02.0	LA	0001	37	00.7	76	28.7	*6	5	15	36	09		05.0	C	20.53	C	17.86		*		*	*
29	05	64	02.5	LA	0001	37	00.7	76	28.7	*6	5	15	36	09		00.0	C	20.89	C	15.48	E	13	D	0.38	02.6
29	05	64	02.5	LA	0001	37	00.7	76	28.7	*6	5	15	36	09		02.0	C	20.88	C	15.79		*		*	*
29	05	64	02.5	LA	0001	37	00.7	76	28.7	*6	5	15	36	09		03.0	C	20.82	C	16.00		*		*	*
29	05	64	02.5	LA	0001	37	00.7	76	28.7	*6	5	15	36	09		04.0	C	20.40	C	17.39		*		*	*
29	05	64	02.5	LA	0001	37	00.7	76	28.7	*6	5	15	36	09		05.0	C	20.48	C	17.79		*		*	*
29	05	64	03.0	LA	0001	37	00.7	76	28.7	*6	5	15	36	06		00.0	C	21.15	C	14.72	E	13	D	0.47	03.1
29	05	64	03.0	LA	0001	37	00.7	76	28.7	*6	5	15	36	06		02.0	C	21.11	C	15.32		*		*	*
29	05	64	03.0	LA	0001	37	00.7	76	28.7	*6	5	15	36	06		03.0	C	20.98	C	15.91		*		*	*
29	05	64	03.0	LA	0001	37	00.7	76	28.7	*6	5	15	36	06		04.0	C	20.60	C	17.25		*		*	*
29	05	64	03.0	LA	0001	37	00.7	76	28.7	*6	5	15	36	06		05.0	C	20.54	C	17.66		*		*	*
29	05	64	03.5	LA	0001	37	00.7	76	28.7	*6	5	15	36	06		00.0	C	21.17	C	14.52	E	13	D	0.51	03.6
29	05	64	03.5	LA	0001	37	00.7	76	28.7	*6	5	15	36	06		02.0	C	21.23	C	14.76		*		*	*
29	05	64	03.5	LA	0001	37	00.7	76	28.7	*6	5	15	36	06		03.0	C	21.17	C	15.01		*		*	*
29	05	64	03.5	LA	0001	37	00.7	76	28.7	*6	5	15	36	06		04.0	C	20.58	C	17.94		*		*	*
29	05	64	03.5	LA	0001	37	00.7	76	28.7	*6	5	15	36	06		05.0	C	20.56	C	18.12		*		*	*
29	05	64	04.0	LA	0001	37	00.7	76	28.7	*6	6	15	36	07		00.0	C	21.12	C	14.81	E	13	D	0.47	04.2
29	05	64	04.0	LA	0001	37	00.7	76	28.7	*6	6	15	36	07		02.0	C	21.15	C	14.98		*		*	*
29	05	64	04.0	LA	0001	37	00.7	76	28.7	*6	6	15	36	07		03.0	C	21.04	C	15.63		*		*	*
29	05	64	04.0	LA	0001	37	00.7	76	28.7	*6	6	15	36	07		04.0	C	20.64	C	17.88		*		*	*
29	05	64	04.0	LA	0001	37	00.7	76	28.7	*6	6	15	36	07		05.0	C	20.63	C	17.95		*		*	*
29	05	64	04.5	LA	0001	37	00.7	76	28.7	*6	6	15	36	07		00.0	C	21.16	C	14.31	E	13	D	0.38	04.6
29	05	64	04.5	LA	0001	37	00.7	76	28.7	*6	6	15	36	07		02.0	C	21.18	C	14.65		*		*	*
29	05	64	04.5	LA	0001	37	00.7	76	28.7	*6	6	15	36	07		03.0	C	21.14	C	15.05		*		*	*
29	05	64	04.5	LA	0001	37	00.7	76	28.7	*6	6	15	36	07		04.0	C	20.68	C	17.77		*		*	*
29	05	64	04.5	LA	0001	37	00.7	76	28.7	*6	6	15	36	07		05.0	C	20.67	C	17.76		*		*	*
29	05	64	05.0	LA	0001	37	00.7	76	28.7	6	7	15	2	07		00.0	C	21.26	C	13.93	E	12	D	0.31	05.1
29	05	64	05.0	LA	0001	37	00.7	76	28.7	6	7	15	2	07		02.0	C	21.28	C	14.24		*		*	*
29	05	64	05.0	LA	0001	37	00.7	76	28.7	6	7	15	2	07		03.0	C	20.87	C	16.08		*		*	*
29	05	64	05.0	LA	0001	37	00.7	76	28.7	6	7	15	2	07		04.0	C	20.77	C	17.48		*		*	*
29	05	64	05.0	LA	0001	37	00.7	76	28.7	6	7	15	2	07		05.0	C	20.72	C	17.64		*		*	*
29	05	64	05.5	LA	0001	37	00.7	76	28.7	6	7	15	2	07		00.0	C	21.29	C	13.84	E	12	D	0.28	05.6
29	05	64	05.5	LA	0001	37	00.7	76	28.7	6	7	15	2	07		02.0		20.82	C	17.05		*		*	*
29	05	64	05.5	LA	0001	37	00.7	76	28.7	6	7	15	2	07		03.0		20.75	C	17.59		*		*	*
29	05	64	05.5	LA	0001	37	00.7	76	28.7	6	7	15	2	07		04.0		20.24	C	17.68		*		*	*
29	05	64	05.5	LA	0001	37	00.7	76	28.7	6	7	15	2	07		05.0		20.78	C	17.76		*		*	*
29	05	64	06.0	LA	0001	37	00.7	76	28.7	6	7	15	2	07		00.0	C	21.41	C	13.37	E	12	D	0.25	06.1
29	05	64	06.0	LA	0001	37	00.7	76	28.7	6	7	15	2	07		02.0	C	20.79	C	17.57		*		*	*
29	05	64	06.0	LA	0001	37	00.7	76	28.7	6	7	15	2	07		03.0	C	20.72	C	17.76		*		*	*
29	05	64	06.0	LA	0001	37	00.7	76	28.7	6	7	15	2	07		04.0	C	20.70	C	17.79		*		*	*
29	05	64	06.0	LA	0001	37	00.7	76	28.7	6	7	15	2	07		05.0	C	20.89	C	17.83		*		*	*
29	05	64	06.5	LA	0001	37	00.7	76	28.7	6	7	15	2	07		00.0	C	21.40	C	13.10	E	12	D	0.11	06.6
29	05	64	06.5	LA	0001	37	00.7	76	28.7	6	7	15	2	07		02.0	C	21.40	C	13.13		*		*	*
29	05	64	06.5	LA	0001	37	00.7	76	28.7	6	7	15	2	07		03.0	C	20.87	C	17.34		*		*	*
29	05	64	06.5	LA	0001	37	00.7	76	28.7	6	7	15	2	07		04.0	C	20.78	C	17.57		*		*	*
29	05	64	06.5	LA	0001	37	00.7	76	28.7	6	7	15	2	07		05.0	C	20.96	C	17.48		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
29	05	64	07.0	LA	0001	37	00.7	76	28.7	6		8	15	2	07			00.0	C	21.22	C	13.12		*	D	0.00	07.0		
29	05	64	07.0	LA	0001	37	00.7	76	28.7	6		8	15	2	07			02.0	C	21.40	C	13.33		*		*	*		
29	05	64	07.0	LA	0001	37	00.7	76	28.7	6		8	15	2	07			03.0	C	20.88	C	17.03		*		*	*		
29	05	64	07.0	LA	0001	37	00.7	76	28.7	6		8	15	2	07			04.0	C	20.78	C	17.61		*		*	*		
29	05	64	07.0	LA	0001	37	00.7	76	28.7	6		8	15	2	07			05.0	C	20.74	C	17.68		*		*	*		
29	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1	15	3	03	0.8		00.0	C	21.32	C	13.39	E	32	D	0.12	07.6		
29	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1	15	3	03	0.8		02.0	C	21.36	C	13.51		*		*	*		
29	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1	15	3	03	0.8		03.0	C	21.18	C	15.43		*		*	*		
29	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1	15	3	03	0.8		04.0	C	20.96	C	16.89		*		*	*		
29	05	64	07.5	LA	0001	37	00.7	76	28.7	6		1	15	3	03	0.8		05.0	C	20.76	C	17.41		*		*	*		
29	05	64	08.0	LA	0001	37	00.7	76	28.7	6		1	16	5	02	1.0		00.0	C	21.08	C	13.96	E	32	D	0.25	08.0		
29	05	64	08.0	LA	0001	37	00.7	76	28.7	6		1	16	5	02	1.0		02.0	C	21.28	C	14.13		*		*	*		
29	05	64	08.0	LA	0001	37	00.7	76	28.7	6		1	16	5	02	1.0		03.0	C	21.26	C	15.34		*		*	*		
29	05	64	08.0	LA	0001	37	00.7	76	28.7	6		1	16	5	02	1.0		04.0	C	21.24	C	15.61		*		*	*		
29	05	64	08.0	LA	0001	37	00.7	76	28.7	6		1	16	5	02	1.0		04.5	C	21.22	C	16.00		*		*	*		
29	05	64	08.5	LA	0001	37	00.7	76	28.7	6		1	16	5	03	1.0		00.0	C	21.16	C	13.91	E	34	D	0.34	08.5		
29	05	64	08.5	LA	0001	37	00.7	76	28.7	6		1	16	5	03	1.0		02.0	C	21.24	C	14.07		*		*	*		
29	05	64	08.5	LA	0001	37	00.7	76	28.7	6		1	16	5	03	1.0		03.0	C	21.34	C	14.34		*		*	*		
29	05	64	08.5	LA	0001	37	00.7	76	28.7	6		1	16	5	03	1.0		04.0	C	21.22	C	15.23		*		*	*		
29	05	64	08.5	LA	0001	37	00.7	76	28.7	6		1	16	5	03	1.0		05.0	C	21.06	C	16.35		*		*	*		
29	05	64	09.0	LA	0001	37	00.7	76	28.7	6		1	17	5	03	1.0		00.0	C	21.24	C	13.64	E	34	D	0.38	09.0		
29	05	64	09.0	LA	0001	37	00.7	76	28.7	6		1	17	5	03	1.0		02.0	C	21.22	C	13.71		*		*	*		
29	05	64	09.0	LA	0001	37	00.7	76	28.7	6		1	17	5	03	1.0		03.0	C	21.22	C	13.84		*		*	*		
29	05	64	09.0	LA	0001	37	00.7	76	28.7	6		1	17	5	03	1.0		04.0	C	20.80	C	14.20		*		*	*		
29	05	64	09.0	LA	0001	37	00.7	76	28.7	6		1	17	5	03	1.0		05.0	C	20.73	C	17.61		*		*	*		
29	05	64	09.5	LA	0001	37	00.7	76	28.7	6		2	16	5	03	1.0		00.0	C	21.16	C	13.39	E	34	D	0.50	09.5		
29	05	64	09.5	LA	0001	37	00.7	76	28.7	6		2	16	5	03	1.0		02.0	C	21.18	C	14.63		*		*	*		
29	05	64	09.5	LA	0001	37	00.7	76	28.7	6		2	16	5	03	1.0		03.0	C	21.12	C	15.44		*		*	*		
29	05	64	09.5	LA	0001	37	00.7	76	28.7	6		2	16	5	03	1.0		04.0	C	20.98	C	16.42		*		*	*		
29	05	64	09.5	LA	0001	37	00.7	76	28.7	6		2	16	5	03	1.0		05.0	C	20.70	C	17.50		*		*	*		
29	05	64	10.0	LA	0001	37	00.7	76	28.7	6		2	16	5	02	1.0		00.0	C	21.20	C	13.53	E	33	D	0.47	10.0		
29	05	64	10.0	LA	0001	37	00.7	76	28.7	6		2	16	5	02	1.0		02.0	C	21.10	C	14.81		*		*	*		
29	05	64	10.0	LA	0001	37	00.7	76	28.7	6		2	16	5	02	1.0		03.0	C	20.94	C	15.68		*		*	*		
29	05	64	10.0	LA	0001	37	00.7	76	28.7	6		2	16	5	02	1.0		04.0	C	20.88	C	15.90		*		*	*		
29	05	64	10.0	LA	0001	37	00.7	76	28.7	6		2	16	5	02	1.0		05.0	C	20.68	C	17.21		*		*	*		
29	05	64	10.5	LA	0001	37	00.7	76	28.7	6		3	18	5	04	1.0		00.0	C	21.14	C	13.66	E	33	D	0.41	10.6		
29	05	64	10.5	LA	0001	37	00.7	76	28.7	6		3	18	5	04	1.0		02.0	C	20.90	C	16.11		*		*	*		
29	05	64	10.5	LA	0001	37	00.7	76	28.7	6		3	18	5	04	1.0		03.0	C	20.80	C	16.15		*		*	*		
29	05	64	10.5	LA	0001	37	00.7	76	28.7	6		3	18	5	04	1.0		04.0	C	20.74	C	16.38		*		*	*		
29	05	64	10.5	LA	0001	37	00.7	76	28.7	6		3	18	5	04	1.0		05.0	C	20.50	C	17.94		*		*	*		
29	05	64	11.0	LA	0001	37	00.7	76	28.7	5		3	18	4	06	0.9		00.0	C	21.16	C	14.58	E	33	D	0.44	11.0		
29	05	64	11.0	LA	0001	37	00.7	76	28.7	5		3	18	4	06	0.9		02.0	C	20.62	C	16.85		*		*	*		
29	05	64	11.0	LA	0001	37	00.7	76	28.7	5		3	18	4	06	0.9		03.0	C	20.58	C	17.29		*		*	*		
29	05	64	11.0	LA	0001	37	00.7	76	28.7	5		3	18	4	06	0.9		04.0	C	20.56	C	17.41		*		*	*		
29	05	64	11.0	LA	0001	37	00.7	76	28.7	5		3	18	4	06	0.9		05.0	C	20.54	C	17.48		*		*	*		
25	05	64	20.1	OB	0001	37	01.0	76	28.1	3		1	22		09			00.0	J	22.33	R	13.36	E	33	D	0.49	20.2		
25	05	64	20.1	OB	0001	37	01.0	76	28.1	3		1	22		09			02.0	J	21.38	R	16.11		*	F	0.40	20.1		
25	05	64	20.1	OB	0001	37	01.0	76	28.1	3		1	22		09			03.0	J	21.34	R	16.24		*		*	*		
25	05	64	21.0	OB	0001	37	01.0	76	28.1	*3		3	23	10	02			00.0	J	22.40	R	14.67	E	36	D	0.31	21.1		
25	05	64	21.0	OB	0001	37	01.0	76	28.1	*3		3	23	10	02			02.0	J	21.29	R	17.04		*	F	0.37	21.1		
25	05	64	21.5	OB	0001	37	01.0	76	28.1	3		*			*			00.0	J	22.93	R	12.74	E	32	D	0.73	21.6		
25	05	64	21.5	OB	0001	37	01.0	76	28.1	3		*			*			02.0	J	21.25	R	17.22		*		*	*		
25	05	64	21.5	OB	0001	37	01.0	76	28.1	3		*			*			03.0	J	21.21	R	17.36		*	F	0.36	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
25	05	64	22.0	OB	0001	37	01.0	76	28.1	3		*			*			00.0	J	24.03	R	12.64	E	32	D	0.47	22.1		
25	05	64	22.0	OB	0001	37	01.0	76	28.1	3		*			*			02.0	J	21.64	R	16.24		*		*	*		
25	05	64	22.0	OB	0001	37	01.0	76	28.1	3		*			*			03.0	J	21.29	R	17.44		*	F	0.17	*		
25	05	64	22.5	OB	0001	37	01.0	76	28.1	3		*			*			00.0	J	23.87	R	13.18	E	31	D	0.12	22.5		
25	05	64	22.5	OB	0001	37	01.0	76	28.1	3		*			*			02.0	J	21.61	R	16.17		*		*	22.6		
25	05	64	22.5	OB	0001	37	01.0	76	28.1	3		*			*			03.0	J	21.38	R	17.45		*	F	0.35	*		
25	05	64	23.0	OB	0001	37	01.0	76	28.1	3		4			*			00.0	J	22.33	R	12.42	E	23	D	0.17	23.1		
25	05	64	23.0	OB	0001	37	01.0	76	28.1	3		4			*			02.0	J	21.08	R	14.78		*		*	23.1		
25	05	64	23.0	OB	0001	37	01.0	76	28.1	3		4			*			03.0	J	21.18	R	17.44		*	F	0.10	*		
25	05	64	23.5	OB	0001	37	01.0	76	28.1	*3		5	22	32	03			00.0	J	23.23	R	12.96	E	18	D	0.22	23.5		
25	05	64	23.5	OB	0001	37	01.0	76	28.1	*3		5	22	32	03			02.0	J	21.34	R	16.97		*	F	0.35	23.5		
25	05	64	23.5	OB	0001	37	01.0	76	28.1	*3		5	22	32	03			03.0	J	21.38	R	17.33		*		*	*		
26	05	64	00.0	OB	0001	37	01.0	76	28.1	3		5			*			00.0	J	23.10				*		*	*		
26	05	64	00.0	OB	0001	37	01.0	76	28.1	3		5			*			02.0	J	21.54				*		*	*		
26	05	64	00.0	OB	0001	37	01.0	76	28.1	3		5			*			03.0	J	21.38				*	F	0.23	24.0		
26	05	64	01.0	OB	0001	37	01.0	76	28.1	3		6			*			00.0	J	23.33			E	17	D	0.51	01.0		
26	05	64	01.0	OB	0001	37	01.0	76	28.1	3		6			*			02.0	J	21.41				*		*	*		
26	05	64	01.0	OB	0001	37	01.0	76	28.1	3		6			*			03.0	J	21.41				*	F	0.22	*		
26	05	64	00.5	OB	0001	37	01.0	76	28.1	3		*			*			00.0	J	23.46	R	11.67	E	18	D	0.46	00.6		
26	05	64	00.5	OB	0001	37	01.0	76	28.1	3		*			*			02.0	J	21.34	R	16.79		*		*	*		
26	05	64	00.5	OB	0001	37	01.0	76	28.1	3		*			*			03.0	J	21.41	R	17.13		*	F	0.24	*		
26	05	64	01.5	OB	0001	37	01.0	76	28.1	3		5			*			00.0	J	21.61	R	11.22	E	10	D	0.38	01.9		
26	05	64	01.5	OB	0001	37	01.0	76	28.1	3		5			*			02.0	J	21.51	R	16.64		*	F	0.22	02.0		
26	05	64	01.5	OB	0001	37	01.0	76	28.1	3		5			*			03.0	J	21.48	R	16.70		*		*	*		
26	05	64	02.0	OB	0001	37	01.0	76	28.1	*3		5	20	34	02			00.0	J	22.70	R	11.83	E	13	D	0.48	01.7		
26	05	64	02.0	OB	0001	37	01.0	76	28.1	*3		5	20	34	02			02.0	J	22.13	R	16.14		*	F	0.28	01.5		
26	05	64	02.0	OB	0001	37	01.0	76	28.1	*3		5	20	34	02			03.0	J	21.48	R	15.99		*		*	*		
26	05	64	03.0	OB	0001	37	01.0	76	28.1	*2		5	20	34	04			00.0	J	22.73	R	15.43	E	13	D	0.50	03.4		
26	05	64	03.0	OB	0001	37	01.0	76	28.1	*2		5	20	34	04			02.0	J	21.80	R	15.17		*	F	0.35	03.5		
26	05	64	03.5	OB	0001	37	01.0	76	28.1	2		6			*			00.0	J	22.63	R	11.77	E	12	D	0.47	03.7		
26	05	64	03.5	OB	0001	37	01.0	76	28.1	2		6			*			02.0	J	21.61	R	15.74		*	F	0.31	03.8		
26	05	64	04.0	OB	0001	37	01.0	76	28.1	2		6			*			00.0	J	22.57	R	11.98	E	13	D	0.32	04.5		
26	05	64	04.0	OB	0001	37	01.0	76	28.1	2		6			*			02.0	J	21.61	R	15.55		*	F	0.15	04.6		
26	05	64	05.0	OB	0001	37	01.0	76	28.1	*2		7	19	35	02	0.6		00.0	J	22.33	R	12.49	E	13	D	0.19	05.2		
26	05	64	05.0	OB	0001	37	01.0	76	28.1	*2		7	19	35	02	0.6		02.0	J	21.80	R	15.03		*	F	0.00	05.3		
26	05	64	05.5	OB	0001	37	01.0	76	28.1	*2		8	19	34	03	0.8		00.0	J	22.20	R	12.62	E	00	D	0.00	05.6		
26	05	64	05.5	OB	0001	37	01.0	76	28.1	*2		8	19	34	03	0.8		02.0	J	22.13	R	13.89		*	F	0.00	05.7		
26	05	64	06.0	OB	0001	37	01.0	76	28.1	*2		1	20	32	02	0.8		00.0	J	22.17	R	12.77	E	32	D	0.10	06.1		
26	05	64	06.0	OB	0001	37	01.0	76	28.1	*2		1	20	32	02	0.8		02.0	J	22.17	R	13.42		*	F	0.17	06.2		
26	05	64	06.5	OB	0001	37	01.0	76	28.1	2		1			*			00.0	J	22.07	R	14.50	E	33	D	0.29	65.1		
26	05	64	06.5	OB	0001	37	01.0	76	28.1	2		1			*			02.0	J	22.07	R	12.28		*	F	0.32	65.2		
26	05	64	07.0	OB	0001	37	01.0	76	28.1	*2		1	23	36	02	0.8		00.0	J	21.97	R	13.92	E	34	D	0.27	07.3		
26	05	64	07.0	OB	0001	37	01.0	76	28.1	*2		1	23	36	02	0.8		02.0	J	22.03	R	12.73		*	F	0.41	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
26	05	64	07.5	OB	0001	37	01.0	76	28.1	*2	*	26	36	02	0.9	00.0	J	22.10	R	14.69	E	35	D	0.38	07.6
26	05	64	07.5	OB	0001	37	01.0	76	28.1	*2	*	26	36	02	0.9	02.0	J	21.87	R	13.06		*	F	0.42	*
26	05	64	08.0	OB	0001	37	01.0	76	28.1	*2	*	26	36	10		00.0	J	22.17	R	14.87	E	35	D	0.42	08.1
26	05	64	08.0	OB	0001	37	01.0	76	28.1	*2	*	26	36	10		02.0	J	21.87	R	14.87		*	F	0.45	*
26	05	64	08.5	OB	0001	37	01.0	76	28.1	*2	*	26	36	02	0.9	00.0	J	22.30	R	13.40	E	34	D	0.40	08.6
26	05	64	08.5	OB	0001	37	01.0	76	28.1	*2	*	26	36	02	0.9	02.0	J	21.84	R	14.81		*	F	0.38	*
26	05	64	09.0	OB	0001	37	01.0	76	28.1	2	*	27	4	04	0.9	00.0	J	22.33	R	13.70	E	33	D	0.40	09.1
26	05	64	09.0	OB	0001	37	01.0	76	28.1	2	*	27	4	04	0.9	02.0	J	21.93	R	14.72		*	F	0.27	*
26	05	64	09.5	OB	0001	37	01.0	76	28.1	2	*	24	4	04	0.9	00.0	J	22.30	R	13.98	E	34	D	0.33	09.6
26	05	64	09.5	OB	0001	37	01.0	76	28.1	2	*	24	4	04	0.9	02.0	J	21.87	R	14.88		*	F	0.24	*
26	05	64	10.0	OB	0001	37	01.0	76	28.1	2	3			*	0.9	00.0	J	22.43	R	14.07	E	33	D	0.29	10.1
26	05	64	10.0	OB	0001	37	01.0	76	28.1	2	3			*	0.9	02.0	J	21.67	R	15.50		*	F	0.17	*
26	05	64	10.5	OB	0001	37	01.0	76	28.1	*2	*	23	14	05	1.0	00.0	J	22.67	R	14.22	E	32	D	0.16	10.6
26	05	64	10.5	OB	0001	37	01.0	76	28.1	*2	*	23	14	05	1.0	02.0	J	21.61	R	16.11		*	F	0.14	*
26	05	64	12.5	OB	0001	37	01.0	76	28.1	*2	*	30	23	14		00.0	J	23.07	R	14.26	E	16	D	0.29	12.7
26	05	64	12.5	OB	0001	37	01.0	76	28.1	*2	*	30	23	14		02.0	J	22.00	R	15.90		*	F	0.38	*
26	05	64	13.0	OB	0001	37	01.0	76	28.1	*2	*	29	13	01	1.0	00.0	J	23.60	R	14.11	E	16	D	0.16	13.1
26	05	64	13.0	OB	0001	37	01.0	76	28.1	*2	*	29	13	01	1.0	02.0	J	22.03	R	15.15		*	F	0.36	*
26	05	64	13.5	OB	0001	37	01.0	76	28.1	2	*			00		00.0			R	13.74		*		*	*
26	05	64	13.5	OB	0001	37	01.0	76	28.1	2	*			00		02.0			R	14.19		*	F	0.36	*
26	05	64	15.0	OB	0001	37	01.0	76	28.1	2	5		9	05	0.6	00.0	J	23.33	R	13.20		*		*	15.1
26	05	64	15.0	OB	0001	37	01.0	76	28.1	2	5		9	05	0.6	02.0	J	23.60	R	13.18		*	F	0.23	15.3
26	05	64	15.5	OB	0001	37	01.0	76	28.1	2	7		9	*	0.6	00.0	J	23.43	R	12.77		*		*	*
26	05	64	15.5	OB	0001	37	01.0	76	28.1	2	7		9	*	0.6	02.0	J	24.14	R	12.75		*		*	*
26	05	64	16.0	OB	0001	37	01.0	76	28.1	2	8		9	*	0.6	00.0	J	23.73	R	12.57		*		*	*
26	05	64	16.0	OB	0001	37	01.0	76	28.1	2	8		9	*	0.6	02.0	J	23.63	R	12.56		*		*	*
26	05	64	17.0	OB	0001	37	01.0	76	28.1	2	1	21	9	07	0.6	00.0	B	24.08	B	12.88		*		*	*
26	05	64	17.0	OB	0001	37	01.0	76	28.1	2	1	21	9	07	0.6	02.0	B	23.72	B	12.84		*	F	0.20	*
26	05	64	18.0	OB	0001	37	01.0	76	28.1	2	8		9	06	0.6	00.0	B	23.16	B	13.52		*		*	*
26	05	64	18.0	OB	0001	37	01.0	76	28.1	2	8		9	06	0.6	02.0	B	23.20	B	13.52		*	F	0.32	18.5
26	05	64	18.5	OB	0001	37	01.0	76	28.1	2	5		9	*	0.8	00.0	B	23.20	B	14.00		*		*	*
26	05	64	18.5	OB	0001	37	01.0	76	28.1	2	5		9	*	0.8	02.0	B	23.24	B	14.00		*	F	0.32	18.5
26	05	64	19.0	OB	0001	37	01.0	76	28.1		2		9	07	0.7	00.0	B	22.76	B	14.48		*		*	18.9
26	05	64	19.0	OB	0001	37	01.0	76	28.1		2		9	07	0.7	02.0	B	22.84	B	14.52		*	F	0.40	18.9
26	05	64	19.6	OB	0001	37	01.0	76	28.1	*2	1		16	05		00.0	B	22.80	B	13.72	E	34	D	0.38	19.6
26	05	64	19.6	OB	0001	37	01.0	76	28.1	*2	1		16	05		02.0	B	22.72	B	14.00		*	F	0.35	19.7
26	05	64	20.0	OB	0001	37	01.0	76	28.1	*2	1		17	05		00.0	B	22.56	B	13.54	E	35	D	0.30	20.1
26	05	64	20.0	OB	0001	37	01.0	76	28.1	*2	1		17	05		02.0	B	22.56	B	13.50		*	F	0.35	20.1
26	05	64	20.5	OB	0001	37	01.0	76	28.1	*2	1		17	06		00.0	B	22.48	B	13.96	E	35	D	0.36	20.7
26	05	64	20.5	OB	0001	37	01.0	76	28.1	*2	1		17	06		02.0	B	22.68	B	14.03	E	35	F	0.37	20.7

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
26	05	64	21.0	OB	0001	37	01.0	76	28.1	*2		2		17	07			00.0	B	22.12	B	14.54	E	34	D	0.33	21.2		
26	05	64	21.0	OB	0001	37	01.0	76	28.1	*2		2		17	07			02.0	B	22.40	B	14.87	E	34	F	0.30	21.2		
26	05	64	21.5	OB	0001	37	01.0	76	28.1	*2		2		16	05			00.0	B	21.24	B	16.42	E	35	D	0.24	22.6		
26	05	64	21.5	OB	0001	37	01.0	76	28.1	*2		2		16	05			02.5	B	21.24	B	16.47	E	35	F	0.30	22.6		
26	05	64	22.0	OB	0001	37	01.0	76	28.1	*2		3		16	05			00.0	B	21.60	B	16.27	E	35	D	0.21	22.1		
26	05	64	22.0	OB	0001	37	01.0	76	28.1	*2		3		16	05			02.5	B	21.56	B	17.16	E	20	F	0.23	22.1		
26	05	64	22.6	OB	0001	37	01.0	76	28.1	*3		3		16	04			00.0	B	21.24	B	16.80	E	99	D	0.00	22.7		
26	05	64	22.6	OB	0001	37	01.0	76	28.1	*3		3		16	04			02.5	B	21.20	B	17.20	E	34	F	0.16	22.6		
26	05	64	23.0	OB	0001	37	01.0	76	28.1	*3		4		21	05			00.0	B	21.24	B	17.60	E	99	D	0.00	23.1		
26	05	64	23.0	OB	0001	37	01.0	76	28.1	*3		4		21	05			02.5	B	21.28	B	17.68	E	34	F	0.07	23.1		
26	05	64	23.5	OB	0001	37	01.0	76	28.1	*3		4		17	03			00.0	B	21.36	B	17.64	E	99	D	0.00	23.5		
26	05	64	23.5	OB	0001	37	01.0	76	28.1	*3		4		17	03			02.5	B	21.40	B	17.52	E	99	F	0.00	23.5		
27	05	64	00.1	OB	0001	37	01.0	76	28.1	*3		4		20	04			00.0	B	21.12	B	17.28	E	99	D	0.00	00.1		
27	05	64	00.1	OB	0001	37	01.0	76	28.1	*3		4		20	04			02.5	B	21.28	B	17.42	E	99	F	0.07	00.1		
27	05	64	00.5	OB	0001	37	01.0	76	28.1	*3		5		21	03			00.0	B	21.32	B	16.96	E	16	D	0.00	00.5		
27	05	64	00.5	OB	0001	37	01.0	76	28.1	*3		5		21	03			02.5	B	21.32	B	16.88	E	16	F	0.23	00.6		
27	05	64	01.0	OB	0001	37	01.0	76	28.1	*3		5		19	04			00.0	B	22.00	B	14.52	E	15	D	0.21	01.1		
27	05	64	01.0	OB	0001	37	01.0	76	28.1	*3		5		19	04			02.5	B	21.80	B	16.48	E	15	F	0.28	01.1		
27	05	64	02.0	OB	0001	37	01.0	76	28.1	*2		*		21	08			00.0	B	22.04	B	14.24	E	18	D	0.16	02.1		
27	05	64	02.0	OB	0001	37	01.0	76	28.1	*2		*		21	08			02.0	B	21.64	B	15.88		*	F	0.42	02.1		
27	05	64	03.0	OB	0001	37	01.0	76	28.1	*2		*		22	09			00.0	B	21.96	B	14.08	E	18	D	0.19	03.1		
27	05	64	03.0	OB	0001	37	01.0	76	28.1	*2		*		22	09			02.0	B	21.96	B	14.28		*	F	0.35	03.1		
27	05	64	13.5	OB	0001	37	01.0	76	28.1	*2		*		27	02			00.0	J	22.73	R	12.32	E	18	D	0.33	13.7		
27	05	64	13.5	OB	0001	37	01.0	76	28.1	*2		*		27	02			02.0	J	22.40	R	11.63		*	F	0.36	13.7		
27	05	64	14.0	OB	0001	37	01.0	76	28.1	*2		6		28	08	0.6		00.0	J	22.73	R	11.66	E	14	D	0.31	14.1		
27	05	64	14.0	OB	0001	37	01.0	76	28.1	*2		6		28	08	0.6		02.0	J	22.57	R	14.14		*	F	0.32	14.1		
27	05	64	14.5	OB	0001	37	01.0	76	28.1	*2		*		27	*	0.7		00.0	J	22.83	R	12.99	E	16	D	0.30	14.6		
27	05	64	14.5	OB	0001	37	01.0	76	28.1	*2		*		27	*	0.7		02.0	J	22.83	R	14.61		*	F	0.32	14.6		
27	05	64	15.0	OB	0001	37	01.0	76	28.1	*2		*	32	27	06	0.4		00.0	J	22.87	R	12.91	E	14	D	0.25	15.1		
27	05	64	15.0	OB	0001	37	01.0	76	28.1	*2		*	32	27	06	0.4		02.0	J	22.83	R	12.89		*	F	0.32	15.1		
27	05	64	15.5	OB	0001	37	01.0	76	28.1	*2		*		27	*	0.5		00.0	J	22.93	R	12.72	E	14	D	0.22	15.6		
27	05	64	15.5	OB	0001	37	01.0	76	28.1	*2		*		27	*	0.5		02.0	J	22.90	R	12.95		*	F	0.23	15.6		
27	05	64	16.0	OB	0001	37	01.0	76	28.1	*2		*		27	06	0.5		00.0	J	22.83	R	12.60	E	14	D	0.17	16.0		
27	05	64	16.0	OB	0001	37	01.0	76	28.1	*2		*		27	06	0.5		02.0	J	22.77	R	13.01		*	F	0.19	16.1		
27	05	64	16.5	OB	0001	37	01.0	76	28.1	*2		7		27	*	0.6		00.0	J	23.03	R	12.09	E	13	D	0.17	16.6		
27	05	64	16.5	OB	0001	37	01.0	76	28.1	*2		7		27	*	0.6		02.0	J	22.80	R	12.53		*	F	0.17	16.6		
27	05	64	17.0	OB	0001	37	01.0	76	28.1	*2		*		27	03	0.6		00.0	J	23.10	R	11.73	E	12	D	0.13	17.1		
27	05	64	17.0	OB	0001	37	01.0	76	28.1	*2		*		27	03	0.6		02.0	J	22.97	R	12.35	E	31	F	0.07	17.1		
27	05	64	17.5	OB	0001	37	01.0	76	28.1	*2		*		27	*	0.6		00.0	J	23.17	R	11.55	E	00	D	0.00	17.6		
27	05	64	17.5	OB	0001	37	01.0	76	28.1	*2		*		27	*	0.6		02.0	J	22.97	R	12.27	E	31	F	0.10	17.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
27	05	64	18.0	OB	0001	37	01.0	76	28.1	*2		1		27	04	0.7		00.0	J	23.13	R	11.65	E	36	D	0.13	18.1		
27	05	64	18.0	OB	0001	37	01.0	76	28.1	*2		1		27	04	0.7		02.0	J	22.97	R	12.66		*	F	0.23	18.1		
27	05	64	18.5	OB	0001	37	01.0	76	28.1	*2		*		27	*	0.5		00.0	J	22.97	R	12.50	E	34	D	0.23	*		
27	05	64	18.5	OB	0001	37	01.0	76	28.1	*2		*		27	*	0.5		02.0	J	23.00	R	12.55	E	29	F	0.26	18.5		
27	05	64	19.0	OB	0001	37	01.0	76	28.1	*2		1		27	07	0.5		00.0	J	23.03	R	12.78	E	34	D	0.18	19.1		
27	05	64	19.0	OB	0001	37	01.0	76	28.1	*2		1		27	07	0.5		02.0	J	23.00	R	12.79		*	F	0.29	19.2		
27	05	64	20.0	OB	0001	37	01.0	76	28.1	*2		2		25	05			00.0	J	22.83	R	13.30	E	33	D	0.22	20.1		
27	05	64	20.0	OB	0001	37	01.0	76	28.1	*2		2		25	05			02.0	J	23.20	R	13.30		*	F	0.33	20.2		
27	05	64	20.5	OB	0001	37	01.0	76	28.1	*2		*		26	08			00.0	J	22.60	R	12.83	E	34	D	0.30	20.6		
27	05	64	20.5	OB	0001	37	01.0	76	28.1	*2		*		26	08			02.0	J	22.63	R	12.85		*	F	0.36	20.7		
27	05	64	21.0	OB	0001	37	01.0	76	28.1	*2		2		26	06			00.0	J	22.37	R	12.91	E	34	D	0.25	21.1		
27	05	64	21.0	OB	0001	37	01.0	76	28.1	*2		2		26	06			02.0	J	22.37	R	12.93		*	F	0.35	21.2		
27	05	64	21.5	OB	0001	37	01.0	76	28.1	*2		2		25	06			00.0	J	22.00	R	12.82	E	32	D	0.30	21.6		
27	05	64	21.5	OB	0001	37	01.0	76	28.1	*2		2		25	06			02.0	J	21.51	R	15.24		*	F	0.43	21.7		
27	05	64	22.0	OB	0001	37	01.0	76	28.1	*2		3	26	23	06			00.0	J	21.51	R	15.04	E	33	D	0.23	*		
27	05	64	22.0	OB	0001	37	01.0	76	28.1	*2		3	26	23	06			02.0	J	21.38	R	15.90		*	F	0.35	*		
27	05	64	22.0	OB	0001	37	01.0	76	28.1	*2		3	26	23	06			03.0			R	15.87		*		*	*		
27	05	64	22.5	OB	0001	37	01.0	76	28.1	*3		3		23	07			00.0	J	21.41	R	15.87	E	35	D	0.09	22.7		
27	05	64	22.5	OB	0001	37	01.0	76	28.1	*3		3		23	07			02.0	J	21.38	R	15.92		*	F	0.26	22.6		
27	05	64	22.5	OB	0001	37	01.0	76	28.1	*3		3		23	07			03.0			R	15.88		*		*	*		
27	05	64	23.0	OB	0001	37	01.0	76	28.1	*3		3		23	07			00.0	J	21.08	R	15.76	E	32	D	0.10	*		
27	05	64	23.0	OB	0001	37	01.0	76	28.1	*3		3		23	07			02.0	J	21.57	R	16.36		*	F	0.19	23.1		
27	05	64	23.0	OB	0001	37	01.0	76	28.1	*3		3		23	07			03.0			R	16.38		*		*	*		
27	05	64	23.5	OB	0001	37	01.0	76	28.1	*3		4		23	08			00.0	J	21.54	R	16.32	E	00	D	0.00	23.6		
27	05	64	23.5	OB	0001	37	01.0	76	28.1	*3		4		23	08			02.0	J	21.54	R	16.36		*	F	0.12	23.6		
27	05	64	23.5	OB	0001	37	01.0	76	28.1	*3		4		23	08			03.0			R	16.34		*		*	*		
28	05	64	00.0	OB	0001	37	01.0	76	28.1	*3		4		23	07			00.0	J	21.54	R	16.31	E	00	D	0.00	00.1		
28	05	64	00.0	OB	0001	37	01.0	76	28.1	*3		4		23	07			02.0	J	21.44	R	16.30		*	F	0.00	00.2		
28	05	64	00.0	OB	0001	37	01.0	76	28.1	*3		4		23	07			03.0			R	16.54		*		*	*		
28	05	64	00.5	OB	0001	37	01.0	76	28.1	3		4			*			00.0	J	21.84	R	15.71		*	D	0.00	00.7		
28	05	64	00.5	OB	0001	37	01.0	76	28.1	3		4			*			02.0	J	21.48			E	25	E	0.12	00.7		
28	05	64	00.5	OB	0001	37	01.0	76	28.1	3		4			*			03.0			R	16.39		*		*	*		
28	05	64	01.0	OB	0001	37	01.0	76	28.1	*3		*	24	29	11			00.0	J	22.60	R	13.86	E	15	D	0.19	01.2		
28	05	64	01.0	OB	0001	37	01.0	76	28.1	*3		*	24	29	11			02.0	J	19.23				*	F	0.16	01.2		
28	05	64	01.0	OB	0001	37	01.0	76	28.1	*3		*	24	29	11			03.0			R	16.82		*		*	*		
28	05	64	02.0	OB	0001	37	01.0	76	28.1	*3		6	24	29	05			00.0	J	22.83	R	13.74	E	12	D	0.56	*		
28	05	64	02.0	OB	0001	37	01.0	76	28.1	*3		6	24	29	05			02.0	J	21.97				*	F	0.47	*		
28	05	64	02.0	OB	0001	37	01.0	76	28.1	*3		6	24	29	05			03.0	J	21.97	R	16.26		*		*	*		
28	05	64	02.5	OB	0001	37	01.0	76	28.1	*3		6	24	29	05			00.0	J	22.63	R	13.02	D	12	D	0.57	*		
28	05	64	02.5	OB	0001	37	01.0	76	28.1	*3		6	24	29	05			02.0	J	22.00				*		*	*		
28	05	64	02.5	OB	0001	37	01.0	76	28.1	*3		6	24	29	05			03.0	J	21.87	R	15.66		*		*	*		
28	05	64	03.0	OB	0001	37	01.0	76	28.1	*3		6	22	35	03			00.0	J	23.00	R	12.50	D	12	D	0.49	*		
28	05	64	03.0	OB	0001	37	01.0	76	28.1	*3		6	22	35	03			02.0	J	22.00				*	F	0.31	03.0		
28	05	64	03.0	OB	0001	37	01.0	76	28.1	*3		6	22	35	03			03.0	J	22.03	R	15.17		*		*	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
28	05	64	03.5	OB	0001	37	01.0	76	28.1	3		7	22	5	06			00.0	J	22.70	R	12.20	D	12	D	0.33	*
28	05	64	03.5	OB	0001	37	01.0	76	28.1	3		7	22	5	06			02.0	J	22.17				*		*	*
28	05	64	03.5	OB	0001	37	01.0	76	28.1	3		7	22	5	06			03.0	J	22.17				*		*	*
28	05	64	04.0	OB	0001	37	01.0	76	28.1	3		7	21	5	06			00.0	J	22.73	R	12.12	D	15	D	0.28	*
28	05	64	04.0	OB	0001	37	01.0	76	28.1	3		7	21	5	06			01.0	J	22.50				*	F	0.27	04.1
28	05	64	04.0	OB	0001	37	01.0	76	28.1	3		7	21	5	06			02.0	J	22.13	R	14.55		*		*	*
28	05	64	04.5	OB	0001	37	01.0	76	28.1	3		7	21	3	05			00.0	J	22.70	R	11.96	D	15	D	0.19	*
28	05	64	04.5	OB	0001	37	01.0	76	28.1	3		7	21	3	05			02.0	J	22.60				*		*	*
28	05	64	04.5	OB	0001	37	01.0	76	28.1	3		7	21	3	05			03.0	J	22.03	R	14.86		*		*	*
28	05	64	05.0	OB	0001	37	01.0	76	28.1	3		7	21	5	05			00.0	J	22.70	R	11.92	D	15	D	0.15	*
28	05	64	05.0	OB	0001	37	01.0	76	28.1	3		7	21	5	05			02.0	J	22.53	R	14.67		*	F	0.22	*
28	05	64	05.0	OB	0001	37	01.0	76	28.1	3		7	21	5	05			03.0	J	22.33				*		*	*
28	05	64	05.5	OB	0001	37	01.0	76	28.1	3		8	21	5	05			00.0	J	22.60	R	12.01	D	17		*	*
28	05	64	05.5	OB	0001	37	01.0	76	28.1	3		8	21	5	05			02.0	J	22.10				*		*	*
28	05	64	05.5	OB	0001	37	01.0	76	28.1	3		8	21	5	05			03.0	J	22.07	R	14.88		*		*	*
26	05	64	00.0	PA	0001	37	00.5	76	29.0	10		*	19	34	03			00.0	B	22.20	B	13.92	E	15		*	*
26	05	64	00.0	PA	0001	37	00.5	76	29.0	10		*	19	34	03			02.0	B	21.56	B	15.84	E	15		*	00.2
26	05	64	00.0	PA	0001	37	00.5	76	29.0	10		*	19	34	03			04.0	B	21.28	B	17.08	E	15		*	*
26	05	64	00.0	PA	0001	37	00.5	76	29.0	10		*	19	34	03			05.0	B	21.32	B	16.96		*		*	*
26	05	64	00.0	PA	0001	37	00.5	76	29.0	10		*	19	34	03			06.0	B	21.36	B	17.64	E	16		*	*
26	05	64	00.0	PA	0001	37	00.5	76	29.0	10		*	19	34	03			08.0	B	21.32	B	18.12	E	16		*	*
26	05	64	00.0	PA	0001	37	00.5	76	29.0	10		*	19	34	03			10.0	B	21.12	B	18.20	E	16		*	00.5
26	05	64	01.0	PA	0001	37	00.5	76	29.0	10		*		*	*			00.0	B	22.56	B	12.72	E	13	D	0.59	*
26	05	64	01.0	PA	0001	37	00.5	76	29.0	10		*		*	*			02.0	B	21.52	B	16.56		*		*	*
26	05	64	01.0	PA	0001	37	00.5	76	29.0	10		*		*	*			04.0	B	21.44	B	17.00		*		*	*
26	05	64	01.0	PA	0001	37	00.5	76	29.0	10		*		*	*			05.0	B	21.32	B	16.92		*		*	*
26	05	64	01.0	PA	0001	37	00.5	76	29.0	10		*		*	*			06.0	B	21.28	B	17.00		*		*	*
26	05	64	01.0	PA	0001	37	00.5	76	29.0	10		*		*	*			08.0	B	21.20	B	17.68		*		*	*
26	05	64	01.0	PA	0001	37	00.5	76	29.0	10		*		*	*			09.5	B	21.08	B	17.92		*		*	*
26	05	64	02.1	PA	0001	37	00.5	76	29.0	*9		*	20	34	03			00.0	B	22.24	B	12.36	E	13	D	0.90	*
26	05	64	02.1	PA	0001	37	00.5	76	29.0	*9		*	20	34	03			02.0	B	22.08	B	14.12	E	13	F	0.75	02.5
26	05	64	02.1	PA	0001	37	00.5	76	29.0	*9		*	20	34	03			04.0	B	21.12	B	17.16	E	13	F	0.50	*
26	05	64	02.1	PA	0001	37	00.5	76	29.0	*9		*	20	34	03			05.0	B	21.04	B	17.40		*		*	*
26	05	64	02.1	PA	0001	37	00.5	76	29.0	*9		*	20	34	03			06.0	B	20.88	B	17.32	E	13	F	0.35	*
26	05	64	02.1	PA	0001	37	00.5	76	29.0	*9		*	20	34	03			08.0	B	20.80	B	17.60	E	13	F	0.38	*
26	05	64	02.1	PA	0001	37	00.5	76	29.0	*9		*	20	34	03			09.4	B	20.76			E	13	F	0.35	02.6
26	05	64	03.0	PA	0001	37	00.5	76	29.0	10		*	20	34	04			00.0	B	22.16	B	12.00	E	15	D	0.58	*
26	05	64	03.0	PA	0001	37	00.5	76	29.0	10		*	20	34	04			02.0	B	21.44	B	15.36	E	15	F	0.83	03.5
26	05	64	03.0	PA	0001	37	00.5	76	29.0	10		*	20	34	04			04.0	B	20.96	B	16.76	E	15	F	0.55	*
26	05	64	03.0	PA	0001	37	00.5	76	29.0	10		*	20	34	04			05.0	B	21.04	B	16.88		*		*	*
26	05	64	03.0	PA	0001	37	00.5	76	29.0	10		*	20	34	04			06.0	B	20.84	B	17.36	E	14	F	0.42	*
26	05	64	03.0	PA	0001	37	00.5	76	29.0	10		*	20	34	04			08.0	B	20.72	B	17.40	E	14	F	0.31	*
26	05	64	03.0	PA	0001	37	00.5	76	29.0	10		*	20	34	04			10.0	B	20.76	B	17.44	E	14	F	0.22	03.6
26	05	64	04.1	PA	0001	37	00.5	76	29.0	10		*		*	*			00.0	B	21.88	B	12.04	E	15	D	0.48	*
26	05	64	04.1	PA	0001	37	00.5	76	29.0	10		*		*	*			02.0	B	22.08	B	12.32	E	15	F	0.55	04.4
26	05	64	04.1	PA	0001	37	00.5	76	29.0	10		*		*	*			04.0	B	20.92	B	16.72	E	14	F	0.57	*
26	05	64	04.1	PA	0001	37	00.5	76	29.0	10		*		*	*			05.0	B	20.84	B	16.96		*		*	*
26	05	64	04.1	PA	0001	37	00.5	76	29.0	10		*		*	*			06.0	B	20.80	B	17.04	E	14	F	0.31	*
26	05	64	04.1	PA	0001	37	00.5	76	29.0	10		*		*	*			08.0	B	20.76	B	17.12	E	13	F	0.22	*
26	05	64	04.1	PA	0001	37	00.5	76	29.0	10		*		*	*			09.8	B	20.76	B	17.12	E	13	F	0.22	04.5
26	05	64	05.0	PA	0001	37	00.5	76	29.0	10		*	19	35	02	0.7		00.0	B	22.12	B	12.12	E	14	D	0.25	*
26	05	64	05.0	PA	0001	37	00.5	76	29.0	10		*	19	35	02	0.7		02.0	B	22.24	B	12.16	E	14	F	0.27	05.3
26	05	64	05.0	PA	0001	37	00.5	76	29.0	10		*	19	35	02	0.7		04.0	B	21.40	B	15.92	E	14	F	0.22	*
26	05	64	05.0	PA	0001	37	00.5	76	29.0	10		*	19	35	02	0.7		05.0	B	21.00	B	16.88		*		*	*
26	05	64	05.0	PA	0001	37	00.5	76	29.0	10		*	19	35	02	0.7		06.0	B	20.96	B	17.12	E	32	F	0.22	*
26	05	64	05.0	PA	0001	37	00.5	76	29.0	10		*	19	35	02	0.7		08.0	B	20.88	B	17.12	E	32	F	0.35	*
26	05	64	05.0	PA	0001	37	00.5	76	29.0	10		*	19	35	02	0.7		09.8	B	20.96	B	17.24	E	32	F	0.27	05.5

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
26	05	64	08.1	PA	0001	37	00.5	76	29.0	10	3	26	36	02	1.1	00.0	B	22.32	B	12.20	E	31	D	0.38	08.3
26	05	64	08.1	PA	0001	37	00.5	76	29.0	10	3	26	36	02	1.1	02.0	B	22.20	B	13.00	E	31	F	0.45	08.5
26	05	64	08.1	PA	0001	37	00.5	76	29.0	10	3	26	36	02	1.1	04.0	B	21.72	B	13.12	E	31	F	0.65	08.6
26	05	64	08.1	PA	0001	37	00.5	76	29.0	10	3	26	36	02	1.1	05.0	B	21.40	B	16.56	E	31	F	0.59	08.6
26	05	64	08.1	PA	0001	37	00.5	76	29.0	10	3	26	36	02	1.1	06.0	B	20.96	B	17.04	E	31	F	0.61	08.7
26	05	64	08.1	PA	0001	37	00.5	76	29.0	10	3	26	36	02	1.1	08.0	B	21.16	B	17.02	E	31	F	0.52	08.7
26	05	64	08.1	PA	0001	37	00.5	76	29.0	10	3	26	36	02	1.1	09.8	B	21.20	B	17.16		*		*	*
26	05	64	09.0	PA	0001	37	00.5	76	29.0	10	3	27	*4	04	1.2	00.0	B	22.56	B	12.36	E	31	D	0.56	09.4
26	05	64	09.0	PA	0001	37	00.5	76	29.0	10	3	27	*4	04	1.2	02.0	B	21.84	B	14.60	E	31	F	0.65	09.4
26	05	64	09.0	PA	0001	37	00.5	76	29.0	10	3	27	*4	04	1.2	04.0		21.44	B	16.92	E	31	F	0.50	09.4
26	05	64	09.0	PA	0001	37	00.5	76	29.0	10	3	27	*4	04	1.2	05.0	B	21.44	B	17.16	E	31	F	0.57	09.5
26	05	64	09.0	PA	0001	37	00.5	76	29.0	10	3	27	*4	04	1.2	06.0	B	21.20	B	17.24	E	31	F	0.57	09.5
26	05	64	09.0	PA	0001	37	00.5	76	29.0	10	3	27	*4	04	1.2	08.0	B	21.36	B	17.32	E	31	F	0.44	09.5
26	05	64	09.0	PA	0001	37	00.5	76	29.0	10	3	27	*4	04	1.2	09.7	B	21.40	B	17.32		*		*	*
26	05	64	10.0	PA	0001	37	00.5	76	29.0	10	4		*	*	1.2	00.0	B	22.92	B	12.80	E	31	D	0.44	10.3
26	05	64	10.0	PA	0001	37	00.5	76	29.0	10	4		*	*	1.2	02.0	B	22.20	B	14.92	E	31	F	0.47	10.4
26	05	64	10.0	PA	0001	37	00.5	76	29.0	10	4		*	*	1.2	04.0	B	21.52	B	17.20	E	31	F	0.31	10.4
26	05	64	10.0	PA	0001	37	00.5	76	29.0	10	4		*	*	1.2	05.0	B	21.40	B	17.40	E	31	F	0.31	10.4
26	05	64	10.0	PA	0001	37	00.5	76	29.0	10	4		*	*	1.2	06.0	B	21.48	B	17.32	E	31	F	0.31	10.5
26	05	64	10.0	PA	0001	37	00.5	76	29.0	10	4		*	*	1.2	08.0	B	21.32	B	17.36	E	31	F	0.27	10.5
26	05	64	10.0	PA	0001	37	00.5	76	29.0	10	4		*	*	1.2	10.0	B	21.32	B	17.40		*		*	*
26	05	64	11.1	PA	0001	37	00.5	76	29.0	10	4	24	14	05	1.0	00.0	B	23.40	B	13.00	E	31	D	0.20	*
26	05	64	11.1	PA	0001	37	00.5	76	29.0	10	4	24	14	05	1.0	02.0	B	22.16	B	14.88	E	31	F	0.00	11.6
26	05	64	11.1	PA	0001	37	00.5	76	29.0	10	4	24	14	05	1.0	04.0	B	21.48	B	17.04	E	31	F	0.14	11.6
26	05	64	11.1	PA	0001	37	00.5	76	29.0	10	4	24	14	05	1.0	05.0	B	21.36	B	17.02	E	31	F	0.19	11.6
26	05	64	11.1	PA	0001	37	00.5	76	29.0	10	4	24	14	05	1.0	06.0	B	21.16	B	17.44	E	31	F	0.08	11.6
26	05	64	11.1	PA	0001	37	00.5	76	29.0	10	4	24	14	05	1.0	08.0	B	21.08	B	17.52	E	31	F	0.06	11.7
26	05	64	11.1	PA	0001	37	00.5	76	29.0	10	4	24	14	05	1.0	10.0	B	21.08	B	17.64	E	31	F	0.00	11.7
26	05	64	12.0	PA	0001	37	00.5	76	29.0	10	5	24	14	05	1.1	00.0	B	23.68	B	12.92	E	13	D	0.20	12.3
26	05	64	12.0	PA	0001	37	00.5	76	29.0	10	5	24	14	05	1.1	02.0	B	22.92	B	14.76	E	13	F	0.28	12.7
26	05	64	12.0	PA	0001	37	00.5	76	29.0	10	5	24	14	05	1.1	04.0	B	22.48	B	15.68	E	13	F	0.28	12.7
26	05	64	12.0	PA	0001	37	00.5	76	29.0	10	5	24	14	05	1.1	05.0	B	22.40	B	16.00	E	13	F	0.24	12.7
26	05	64	12.0	PA	0001	37	00.5	76	29.0	10	5	24	14	05	1.1	06.0	B	21.72	B	16.60	E	13	F	0.19	12.8
26	05	64	12.0	PA	0001	37	00.5	76	29.0	10	5	24	14	05	1.1	08.0	B	21.68	B	17.28	E	13	F	0.22	12.8
26	05	64	12.0	PA	0001	37	00.5	76	29.0	10	5	24	14	05	1.1	09.8	B	21.48	B	17.52		*		*	*
26	05	64	13.0	PA	0001	37	00.5	76	29.0	*9	5	29	13	01	1.0	00.0	B	25.20			E	13	D	0.47	13.3
26	05	64	13.0	PA	0001	37	00.5	76	29.0	*9	5	29	13	01	1.0	02.0	B	23.40	B	13.92	E	13	F	0.37	13.4
26	05	64	13.0	PA	0001	37	00.5	76	29.0	*9	5	29	13	01	1.0	04.0	B	22.40	B	15.92	E	13	F	0.42	13.4
26	05	64	13.0	PA	0001	37	00.5	76	29.0	*9	5	29	13	01	1.0	05.0	B	22.08	B	16.84	E	13	F	0.40	13.4
26	05	64	13.0	PA	0001	37	00.5	76	29.0	*9	5	29	13	01	1.0	06.0	B	22.08	B	17.00	E	13	F	0.42	13.4
26	05	64	13.0	PA	0001	37	00.5	76	29.0	*9	5	29	13	01	1.0	08.0	B	21.64	B	17.24	E	13	F	0.30	13.4
26	05	64	13.0	PA	0001	37	00.5	76	29.0	*9	5	29	13	01	1.0	09.3	B	21.60	B	17.40		*		*	*
26	05	64	14.0	PA	0001	37	00.5	76	29.0	10	6	33	17	04	1.1	00.0	B	23.92	B	12.72	E	13	D	0.73	14.5
26	05	64	14.0	PA	0001	37	00.5	76	29.0	10	6	33	17	04	1.1	02.0	B	23.12	B	13.20	E	13	F	0.81	14.5
26	05	64	14.0	PA	0001	37	00.5	76	29.0	10	6	33	17	04	1.1	04.0	B	22.00	B	14.80	E	13	F	0.72	14.6
26	05	64	14.0	PA	0001	37	00.5	76	29.0	10	6	33	17	04	1.1	05.0	B	21.84	B	15.56	E	13	F	0.63	14.6
26	05	64	14.0	PA	0001	37	00.5	76	29.0	10	6	33	17	04	1.1	06.0	B	21.44	B	16.88	E	13	F	0.55	14.6
26	05	64	14.0	PA	0001	37	00.5	76	29.0	10	6	33	17	04	1.1	08.0	B	21.40	B	16.96	E	13	F	0.44	14.6
26	05	64	14.0	PA	0001	37	00.5	76	29.0	10	6	33	17	04	1.1	09.7	B	21.40	B	17.04	E	13	F	0.44	14.6
26	05	64	15.0	PA	0001	37	00.5	76	29.0	*9	6	23	13	05	0.9	00.0	B	21.96	B	12.28	E	13	D	0.87	15.3
26	05	64	15.0	PA	0001	37	00.5	76	29.0	*9	6	23	13	05	0.9	02.0	B	23.76	B	12.32	E	13	F	0.75	15.3
26	05	64	15.0	PA	0001	37	00.5	76	29.0	*9	6	23	13	05	0.9	04.0	B	22.60	B	13.72	E	13	F	0.69	15.3
26	05	64	15.0	PA	0001	37	00.5	76	29.0	*9	6	23	13	05	0.9	05.0	B	21.84	B	15.92	E	13	F	0.52	15.4
26	05	64	15.0	PA	0001	37	00.5	76	29.0	*9	6	23	13	05	0.9	06.0	B	21.52	B	16.50	E	13	F	0.47	15.4
26	05	64	15.0	PA	0001	37	00.5	76	29.0	*9	6	23	13	05	0.9	08.0	B	21.64	B	16.76	E	13	F	0.31	15.4
26	05	64	15.0	PA	0001	37	00.5	76	29.0	*9	6	23	13	05	0.9	09.2	B	21.52	B	16.84	E	13	F	0.35	15.5
26	05	64	16.0	PA	0001	37	00.5	76	29.0	*9	7		21	04	0.8	00.0	B	24.32	B	10.56	E	12	D	0.52	16.4
26	05	64	16.0	PA	0001	37	00.5	76	29.0	*9	7		21	04	0.8	02.0	B	23.52	B	12.40	E	12	F	0.38	16.4
26	05	64	16.0	PA	0001	37	00.5	76	29.0	*9	7		21	04	0.8	04.0	B	23.12	B	13.64	E	12	F	0.44	16.5
26	05	64	16.0	PA	0001	37	00.5	76	29.0	*9	7		21	04	0.8	05.0	B	21.80	B	16.08	E	12	F	0.28	16.5
26	05	64	16.0	PA	0001	37	00.5	76	29.0	*9	7		21	04	0.8	06.0	B	21.60	B	16.36	E	12	F	0.19	16.6
26	05	64	16.0	PA	0001	37	00.5	76	29.0	*9	7		21	04	0.8	08.0	B	21.44	B	16.48	E	12	F	0.12	16.6
26	05	64	16.0	PA	0001	37	00.5	76	29.0	*9	7		21	04	0.8	09.0	B	21.44	B	16.48	E	12	F	0.12	16.6

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
26	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		7		21	07	0.8		00.0	B	24.00	B	11.48	E	12	D	0.23	17.2		
26	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		7		21	07	0.8		02.0	B	23.60	B	12.48	E	12	F	0.22	17.2		
26	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		7		21	07	0.8		04.0	B	21.96	B	15.32	E	12	F	0.22	17.2		
26	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		7		21	07	0.8		05.0	B	21.64	B	15.96	E	12	F	0.17	17.3		
26	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		7		21	07	0.8		06.0	B	21.60	B	16.16	E	12	F	0.10	17.3		
26	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		7		21	07	0.8		08.0	B	21.60	B	16.28	E	12	F	0.00	17.3		
26	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		7		21	07	0.8		09.0	B	21.44	B	16.40		*		*	*		
26	05	64	18.0	PA	0001	37	00.5	76	29.0	*9		8		21	06	0.9		00.0	B	23.36	B	12.00	E	34	D	0.11	18.2		
26	05	64	18.0	PA	0001	37	00.5	76	29.0	*9		8		21	06	0.9		02.0	B	22.68	B	12.88	E	34	F	0.00	18.2		
26	05	64	18.0	PA	0001	37	00.5	76	29.0	*9		8		21	06	0.9		04.0	B	21.92	B	15.00	E	34	F	0.10	18.3		
26	05	64	18.0	PA	0001	37	00.5	76	29.0	*9		8		21	06	0.9		05.0	B	21.68	B	15.92	E	34	F	0.24	18.3		
26	05	64	18.0	PA	0001	37	00.5	76	29.0	*9		8		21	06	0.9		06.0	B	21.68	B	16.20	E	34	F	0.36	18.3		
26	05	64	18.0	PA	0001	37	00.5	76	29.0	*9		8		21	06	0.9		08.0	B	21.52	B	16.52	E	34	F	0.42	18.3		
26	05	64	18.0	PA	0001	37	00.5	76	29.0	*9		8		21	06	0.9		09.0	B	21.44	B	16.64	E	34	F	0.40	18.3		
26	05	64	19.0	PA	0001	37	00.5	76	29.0	*9		1		21	07			00.0	B	22.68	B	11.64	E	34	D	0.39	19.3		
26	05	64	19.0	PA	0001	37	00.5	76	29.0	*9		1		21	07			02.0	B	22.68	B	11.60	E	34	F	0.37	19.2		
26	05	64	19.0	PA	0001	37	00.5	76	29.0	*9		1		21	07			04.0	B	22.04	B	14.68	E	34	F	0.52	19.2		
26	05	64	19.0	PA	0001	37	00.5	76	29.0	*9		1		21	07			05.0	B	21.68	B	15.36	E	34		*	19.3		
26	05	64	19.0	PA	0001	37	00.5	76	29.0	*9		1		21	07			06.0	B	21.48	B	16.48	E	34	F	0.67	19.3		
26	05	64	19.0	PA	0001	37	00.5	76	29.0	*9		1		21	07			08.0	B	21.40	B	16.72	E	34	F	0.50	19.3		
26	05	64	19.0	PA	0001	37	00.5	76	29.0	*9		1		21	07			09.8	B	21.44	B	16.76	E	34	F	0.44	19.3		
26	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		17	11			00.0	B	22.48	B	12.28	E	34	D	0.76	20.1		
26	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		17	11			02.0	B	22.12	B	13.28	E	34	F	0.81	20.1		
26	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		17	11			04.0	B	21.48	B	16.36	E	34	F	0.79	20.2		
26	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		17	11			05.0	B	21.44	B	16.44	E	34	F	0.77	20.2		
26	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		17	11			06.0	B	21.40	B	16.64	E	34	F	0.67	20.3		
26	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		17	11			08.0	B	21.32	B	16.76	E	34	F	0.59	20.3		
26	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		17	11			09.8	B	21.36	B	16.72	E	34	F	0.57	20.3		
26	05	64	21.0	PA	0001	37	00.5	76	29.0	10		2		17	13			00.0	B	22.24	B	14.00	E	31	D	0.76	21.1		
26	05	64	21.0	PA	0001	37	00.5	76	29.0	10		2		17	13			02.0	B	22.24	B	14.40	E	31	F	0.92	21.1		
26	05	64	21.0	PA	0001	37	00.5	76	29.0	10		2		17	13			04.0	B	21.32	B	16.92	E	31	F	0.57	21.2		
26	05	64	21.0	PA	0001	37	00.5	76	29.0	10		2		17	13			05.0	B	21.24	B	16.88	E	31	F	0.65	21.2		
26	05	64	21.0	PA	0001	37	00.5	76	29.0	10		2		17	13			06.0	B	21.24	B	16.92	E	31	F	0.52	21.2		
26	05	64	21.0	PA	0001	37	00.5	76	29.0	10		2		17	13			08.0	B	21.24	B	16.96	E	31	F	0.47	21.2		
26	05	64	21.0	PA	0001	37	00.5	76	29.0	10		2		17	13			10.1	B	21.24	B	17.00	E	31	F	0.52	21.2		
26	05	64	22.0	PA	0001	37	00.5	76	29.0	10		2		17	10			00.0	B	21.20	B	17.04	E	31	D	0.61	22.1		
26	05	64	22.0	PA	0001	37	00.5	76	29.0	10		2		17	10			02.0	B	21.24	B	17.20	E	31	F	0.57	22.1		
26	05	64	22.0	PA	0001	37	00.5	76	29.0	10		2		17	10			04.0	B	21.24	B	17.12	E	31	F	0.57	22.2		
26	05	64	22.0	PA	0001	37	00.5	76	29.0	10		2		17	10			05.0	B	21.24	B	17.12	E	31	F	0.63	22.2		
26	05	64	22.0	PA	0001	37	00.5	76	29.0	10		2		17	10			06.0	B	21.24	B	17.16	E	31	F	0.55	22.2		
26	05	64	22.0	PA	0001	37	00.5	76	29.0	10		2		17	10			08.0	B	21.16	B	17.16	E	31	F	0.52	22.2		
26	05	64	22.0	PA	0001	37	00.5	76	29.0	10		2		17	10			10.1	B	21.24	B	17.16	E	31	F	0.47	22.2		
26	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		21	05			00.0	B	21.20	B	17.28	E	31	D	0.27	23.1		
26	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		21	05			02.0	B	21.24	B	17.24	E	31	F	0.30	23.1		
26	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		21	05			04.0	B	21.24	B	17.28	E	31	F	0.27	23.2		
26	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		21	05			05.0	B	21.32	B	17.32	E	31	F	0.25	23.2		
26	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		21	05			06.0	B	21.32	B	17.32	E	31	F	0.24	23.2		
26	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		21	05			08.0	B	21.32	B	17.32	E	31	F	0.25	23.2		
26	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		21	05			09.9	B	21.40	B	17.28	E	31	F	0.19	23.2		
27	05	64	00.0	PA	0001	37	00.5	76	29.0	10		5		21	06			00.0	B	21.20	B	15.30	E	08	D	0.26	00.3		
27	05	64	00.0	PA	0001	37	00.5	76	29.0	10		5		21	06			02.0	B	21.36	B	15.20		*	F	0.14	00.3		
27	05	64	00.0	PA	0001	37	00.5	76	29.0	10		5		21	06			04.0	B	21.32	B	17.48		*		0.14	00.3		
27	05	64	00.0	PA	0001	37	00.5	76	29.0	10		5		21	06			05.0	B	21.28	B	17.28		*		0.12	00.3		
27	05	64	00.0	PA	0001	37	00.5	76	29.0	10		5		21	06			06.0	B	21.24	B	17.40		*		0.07	00.3		
27	05	64	00.0	PA	0001	37	00.5	76	29.0	10		5		21	06			08.0	B	21.28	B	17.40		*		0.12	00.4		
27	05	64	00.0	PA	0001	37	00.5	76	29.0	10		5		21	06			09.9	B	21.28	B	17.36		*		0.07	00.4		
27	05	64	01.1	PA	0001	37	00.5	76	29.0	10		5		*	*			00.0	B	21.36	B	15.84	E	13	D	0.57	01.4		
27	05	64	01.1	PA	0001	37	00.5	76	29.0	10		5		*	*			02.0	B	21.36	B	15.68		*		*	01.4		
27	05	64	01.1	PA	0001	37	00.5	76	29.0	10		5		*	*			04.0	B	21.36	B	15.72		*		*	01.5		
27	05	64	01.1	PA	0001	37	00.5	76	29.0	10		5		*	*			05.0	B	21.60	B	15.68		*		*	01.5		
27	05	64	01.1	PA	0001	37	00.5	76	29.0	10		5		*	*			06.0	B	21.32	B	16.68		*		*	01.5		
27	05	64	01.1	PA	0001	37	00.5	76	29.0	10		5		*	*			08.0	B	21.36	B	17.24		*		*	01.5		
27	05	64	01.1	PA	0001	37	00.5	76	29.0	10		5		*	*			10.0	B	21.24	B	17.20		*		*	01.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
27	05	64	02.0	PA	0001	37	00.5	76	29.0	10		6		21	08			00.0	B	21.44			E	13	D	0.84	02.2	
27	05	64	02.0	PA	0001	37	00.5	76	29.0	10		6		21	08			02.0	B	21.60	B	13.84		*	F	1.07	02.3	
27	05	64	02.0	PA	0001	37	00.5	76	29.0	10		6		21	08			04.0	B	21.52	B	14.12		*	F	0.75	02.3	
27	05	64	02.0	PA	0001	37	00.5	76	29.0	10		6		21	08			05.0	B	20.36	B	15.60		*	F	0.69	02.3	
27	05	64	02.0	PA	0001	37	00.5	76	29.0	10		6		21	08			06.0	B	21.44	B	16.56		*	F	0.63	02.3	
27	05	64	02.0	PA	0001	37	00.5	76	29.0	10		6		21	08			08.0	B	21.36	B	17.12		*	F	0.52	02.3	
27	05	64	02.0	PA	0001	37	00.5	76	29.0	10		6		21	08			09.7	B	21.16	B	17.10		*	F	0.52	02.3	
27	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6		22	09			00.0	B	21.80	B	12.44	E	13	D	1.01	03.2	
27	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6		22	09			02.0	B	22.08	B	12.56		*	F	0.86	03.2	
27	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6		22	09			04.0	B	21.52	B	15.08		*	F	0.67	03.2	
27	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6		22	09			05.0	B	21.52	B	16.04		*	F	0.67	03.3	
27	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6		22	09			06.0	B	21.16	B	16.48		*	F	0.57	03.3	
27	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6		22	09			08.0	B	21.12	B	16.72		*	F	0.55	03.3	
27	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6		22	09			09.6	B	21.12	B	16.72		*	F	0.50	03.3	
27	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6		22	11			00.0	B	22.32	B	12.12	E	13	D	0.90	04.1	
27	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6		22	11			02.0	B	22.40	B	12.20		*	F	1.10	04.2	
27	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6		22	11			04.0	B	22.00	B	14.68		*	F	0.55	04.2	
27	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6		22	11			05.0	B	21.72	B	15.48		*	F	0.52	04.3	
27	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6		22	11			06.0	B	21.68	B	15.68		*	F	0.50	04.3	
27	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6		22	11			08.0	B	21.48	B	15.88		*	F	0.42	04.3	
27	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6		22	11			09.0	B	21.56	B	16.08		*		*	*	
27	05	64	05.0	PA	0001	37	00.5	76	29.0	*9		6		22	10			00.0	B	21.92	B	12.00	E	13	D	0.76	05.1	
27	05	64	05.0	PA	0001	37	00.5	76	29.0	*9		6		22	10			02.0	B	22.08	B	11.84		*	F	0.77	05.2	
27	05	64	05.0	PA	0001	37	00.5	76	29.0	*9		6		22	10			04.0	B	22.00	B	12.48		*	F	0.79	05.2	
27	05	64	05.0	PA	0001	37	00.5	76	29.0	*9		6		22	10			05.0	B	21.76	B	14.24		*	F	0.57	05.2	
27	05	64	05.0	PA	0001	37	00.5	76	29.0	*9		6		22	10			06.0	B	21.76	B	14.72		*	F	0.61	05.2	
27	05	64	05.0	PA	0001	37	00.5	76	29.0	*9		6		22	10			08.0	B	21.60	B	15.56		*	F	0.35	05.2	
27	05	64	05.0	PA	0001	37	00.5	76	29.0	*9		6		22	10			09.0	B	21.68	B	15.68		*	F	0.31	05.3	
27	05	64	06.0	PA	0001	37	00.5	76	29.0	*9		7		22	10	1.0		00.0	B	21.92	B	11.92	E	13	D	0.40	06.2	
27	05	64	06.0	PA	0001	37	00.5	76	29.0	*9		7		22	10	1.0		04.0	B	21.96	B	13.12		*	F	0.35	06.2	
27	05	64	06.0	PA	0001	37	00.5	76	29.0	*9		7		22	10	1.0		06.0	B	21.72	B	14.68		*	F	0.27	06.2	
27	05	64	06.0	PA	0001	37	00.5	76	29.0	*9		7		22	10	1.0		08.0	B	21.60	B	15.40		*	F	0.00	06.2	
27	05	64	06.0	PA	0001	37	00.5	76	29.0	*9		7		22	10	1.0		02.0	B	22.04	B	12.08		*	F	0.55	06.2	
27	05	64	06.0	PA	0001	37	00.5	76	29.0	*9		7		22	10	1.0		05.0	B	21.76	B	13.92		*	F	0.27	06.2	
27	05	64	06.0	PA	0001	37	00.5	76	29.0	*9		7		22	10	1.0		09.0	B	21.52	B	16.12		*	F	0.22	06.2	
27	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		7		23	14	0.9		00.0	B	22.00	B	11.88	E	09	D	0.25	07.3	
27	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		7		23	14	0.9		02.0	B	21.60	B	11.96	E	09	F	0.16	07.2	
27	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		7		23	14	0.9		04.0	B	22.16	B	13.48		*	F	0.00	07.2	
27	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		7		23	14	0.9		05.0	B	22.04	B	14.16		*	F	0.00	07.2	
27	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		7		23	14	0.9		06.0	B	21.92	B	14.64	E	34	F	0.17	07.2	
27	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		7		23	14	0.9		08.0	B	21.60	B	16.24	E	34	F	0.35	07.3	
27	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		7		23	14	0.9		09.3	B	21.56	B	16.14		*		*	*	
27	05	64	08.0	PA	0001	37	00.5	76	29.0	10		8		25	10	0.9		00.0	B	22.12	B	11.68	E	07	D	0.17	08.3	
27	05	64	08.0	PA	0001	37	00.5	76	29.0	10		8		25	10	0.9		02.0	B	22.04	B	12.88	E	07	F	0.14	08.3	
27	05	64	08.0	PA	0001	37	00.5	76	29.0	10		8		25	10	0.9		04.0	B	21.92	B	13.60	E	31	F	0.32	08.4	
27	05	64	08.0	PA	0001	37	00.5	76	29.0	10		8		25	10	0.9		05.0	B	21.84	B	13.84	E	31	F	0.44	08.4	
27	05	64	08.0	PA	0001	37	00.5	76	29.0	10		8		25	10	0.9		06.0	B	21.76	B	13.96	E	31	F	0.52	08.4	
27	05	64	08.0	PA	0001	37	00.5	76	29.0	10		8		25	10	0.9		08.0	B	21.52	B	16.06	E	31	F	0.48	08.4	
27	05	64	08.0	PA	0001	37	00.5	76	29.0	10		8		25	10	0.9		09.5	B	21.44	B	16.04	E	31	F	0.46	08.4	
27	05	64	09.0	PA	0001	37	00.5	76	29.0	10		1		25	08	1.0		00.0	B	22.84	B	12.16	E	31	D	0.19	*	
27	05	64	09.0	PA	0001	37	00.5	76	29.0	10		1		25	08	1.0		02.0	B	22.60	B	12.28		*	F	0.31	*	
27	05	64	09.0	PA	0001	37	00.5	76	29.0	10		1		25	08	1.0		04.0	B	22.36	B	12.64		*	F	0.52	*	
27	05	64	09.0	PA	0001	37	00.5	76	29.0	10		1		25	08	1.0		05.0	B	22.24	B	12.80		*	F	0.63	*	
27	05	64	09.0	PA	0001	37	00.5	76	29.0	10		1		25	08	1.0		06.0	B	22.16	B	13.80		*	F	0.59	*	
27	05	64	09.0	PA	0001	37	00.5	76	29.0	10		1		25	08	1.0		08.0	B	21.76	B	16.12		*	F	0.44	*	
27	05	64	09.0	PA	0001	37	00.5	76	29.0	10		1		25	08	1.0		09.5	B	21.68	B	16.12		*	F	0.35	*	
27	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2		25	07	0.9		00.0	B	22.80	B	12.72	E	31	D	0.51	10.2	
27	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2		25	07	0.9		02.0	B	22.52	B	12.80		*	F	0.55	10.2	
27	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2		25	07	0.9		04.0	B	22.36	B	13.08		*	F	0.77	10.3	
27	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2		25	07	0.9		05.0	B	22.12	B	14.44		*	F	0.72	10.3	
27	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2		25	07	0.9		06.0	B	21.92	B	15.52		*	F	0.65	10.3	
27	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2		25	07	0.9		08.0	B	21.80	B	15.76		*	F	0.56	10.3	
27	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2		25	07	0.9		10.0	B	20.12	B	15.84		*	F	0.47	10.3	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
27	05	64	11.0	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		00.0	B	23.56	B	12.92	E	32	D	0.36	11.2		
27	05	64	11.0	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		02.0	B	22.52	B	14.73	E	32	F	0.65	11.2		
27	05	64	11.0	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		04.0	B	22.32	B	15.44	E	32	F	0.50	11.2		
27	05	64	11.0	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		05.0	B	22.16	B	15.52	E	32	F	0.44	11.2		
27	05	64	11.0	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		06.0	B	22.04	B	15.56	E	32	F	0.44	11.2		
27	05	64	11.0	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		08.0	B	22.00	B	15.64	E	32	F	0.38	11.2		
27	05	64	11.0	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		09.9	B	22.00	B	15.68	E	32	F	0.42	11.3		
27	05	64	11.5	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		00.0	B	23.20	B	13.16		*		*	*		
27	05	64	11.5	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		01.0	B	23.04	B	13.24		*		*	*		
27	05	64	11.5	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		02.0	B	22.96	B	13.24		*		*	*		
27	05	64	11.5	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		02.5	B	22.20	B	14.80		*		*	*		
27	05	64	11.5	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		03.0	B	22.04	B	15.36		*		*	*		
27	05	64	11.5	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		03.5	B	21.92	B	15.44		*		*	*		
27	05	64	11.5	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		04.0	B	21.84	B	15.52		*		*	*		
27	05	64	11.5	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		04.5	B	21.80	B	15.52		*		*	*		
27	05	64	11.5	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		05.0	B	21.84	B	15.60		*		*	*		
27	05	64	11.5	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		06.0	B	21.88	B	15.72		*		*	*		
27	05	64	11.5	PA	0001	37	00.5	76	29.0	10		3		26	08	0.9		08.0	B	21.80	B	15.72		*		*	*		
27	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4		28	10			00.0	B	22.88	B	13.20	E	31	D	0.00	12.2		
27	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4		28	10			02.0	B	22.76	B	13.32	E	31	F	0.10	12.2		
27	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4		28	10			04.0	B	22.00	B	15.08	E	31	F	0.22	12.2		
27	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4		28	10			05.0	B	21.80	B	15.52	E	31	F	0.25	12.2		
27	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4		28	10			06.0	B	21.68	B	15.64	E	31	F	0.26	12.3		
27	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4		28	10			08.0	B	21.68	B	15.72	E	31	F	0.20	12.3		
27	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4		28	10			09.7	B	21.72	B	15.84	E	31	F	0.14	12.3		
27	05	64	13.0	PA	0001	37	00.5	76	29.0	*9		5		27	02	1.0		00.0	B	23.20	B	13.36	E	14	D	0.19	13.1		
27	05	64	13.0	PA	0001	37	00.5	76	29.0	*9		5		27	02	1.0		02.0	B	22.96	B	13.72	E	14	F	0.25	13.2		
27	05	64	13.0	PA	0001	37	00.5	76	29.0	*9		5		27	02	1.0		04.0	B	22.60	B	14.40	E	14	F	0.19	13.2		
27	05	64	13.0	PA	0001	37	00.5	76	29.0	*9		5		27	02	1.0		05.0	B	22.40	B	14.48	E	14	F	0.10	13.2		
27	05	64	13.0	PA	0001	37	00.5	76	29.0	*9		5		27	02	1.0		06.0	B	22.32	B	14.72	E	14	F	0.10	13.2		
27	05	64	13.0	PA	0001	37	00.5	76	29.0	*9		5		27	02	1.0		08.0	B	22.04	B	15.80	E	14	F	0.10	13.2		
27	05	64	13.0	PA	0001	37	00.5	76	29.0	*9		5		27	02	1.0		09.3	B	21.96	B	15.96	E	14	F	0.14	13.2		
27	05	64	14.0	PA	0001	37	00.5	76	29.0	*9		5		27	08	1.0		00.0	B	23.56	B	12.56	E	14	D	0.57	14.2		
27	05	64	14.0	PA	0001	37	00.5	76	29.0	*9		5		27	08	1.0		02.0	B	22.96	B	13.04	E	14	F	0.44	14.3		
27	05	64	14.0	PA	0001	37	00.5	76	29.0	*9		5		27	08	1.0		04.0	B	22.64	B	14.12	E	14	F	0.38	14.3		
27	05	64	14.0	PA	0001	37	00.5	76	29.0	*9		5		27	08	1.0		05.0	B	22.44	B	14.40	E	14	F	0.38	14.3		
27	05	64	14.0	PA	0001	37	00.5	76	29.0	*9		5		27	08	1.0		06.0	B	22.24	B	15.00	E	14	F	0.31	14.3		
27	05	64	14.0	PA	0001	37	00.5	76	29.0	*9		5		27	08	1.0		08.0	B	22.04	B	15.68	E	14	F	0.31	14.4		
27	05	64	14.0	PA	0001	37	00.5	76	29.0	*9		5		27	08	1.0		09.3	B	22.20	B	15.84	E	14	F	0.31	14.4		
27	05	64	15.0	PA	0001	37	00.5	76	29.0	10		5	32	27	06	1.0		00.0	B	23.36	B	12.64	E	14	D	0.59	15.1		
27	05	64	15.0	PA	0001	37	00.5	76	29.0	10		5	32	27	06	1.0		02.0	B	23.08	B	12.92	E	14	F	0.57	15.4		
27	05	64	15.0	PA	0001	37	00.5	76	29.0	10		5	32	27	06	1.0		04.0	B	22.72	B	13.72	E	14	F	0.50	15.4		
27	05	64	15.0	PA	0001	37	00.5	76	29.0	10		5	32	27	06	1.0		05.0	B	22.44	B	14.28	E	14	F	0.38	15.4		
27	05	64	15.0	PA	0001	37	00.5	76	29.0	10		5	32	27	06	1.0		06.0	B	22.32	B	14.72	E	14	F	0.38	15.4		
27	05	64	15.0	PA	0001	37	00.5	76	29.0	10		5	32	27	06	1.0		08.0	B	22.00	B	15.60	E	14	F	0.38	15.4		
27	05	64	15.0	PA	0001	37	00.5	76	29.0	10		5	32	27	06	1.0		09.8	B	21.88	B	15.64	E	14	F	0.35	15.4		
27	05	64	16.0	PA	0001	37	00.5	76	29.0	*9		7		27	06	0.8		00.0	B	23.80	B	12.12	E	12	D	0.45	16.0		
27	05	64	16.0	PA	0001	37	00.5	76	29.0	*9		7		27	06	0.8		02.0	B	23.20	B	12.40	E	12	F	0.47	16.2		
27	05	64	16.0	PA	0001	37	00.5	76	29.0	*9		7		27	06	0.8		04.0	B	22.60	B	13.12	E	12	F	0.52	16.2		
27	05	64	16.0	PA	0001	37	00.5	76	29.0	*9		7		27	06	0.8		05.0	B	22.24	B	14.12	E	12	F	0.47	16.2		
27	05	64	16.0	PA	0001	37	00.5	76	29.0	*9		7		27	06	0.8		06.0	B	22.08	B	14.88	E	12	F	0.35	16.2		
27	05	64	16.0	PA	0001	37	00.5	76	29.0	*9		7		27	06	0.8		08.0	B	22.00	B	15.40	E	12	F	0.31	16.2		
27	05	64	16.0	PA	0001	37	00.5	76	29.0	*9		7		27	06	0.8		09.8	B	21.96	B	15.44	E	12	F	0.31	16.3		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		00.0	B	23.48	B	11.84	E	12	D	0.21	17.0		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		00.0					E	12	D	0.00	17.7		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		02.0	B	23.12	B	12.20	E	12	F	0.19	17.2		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		02.0					E	12	F	0.12	17.7		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		04.0	B	22.68	B	13.68	E	12	F	0.24	17.2		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		04.0					E	12	F	0.07	17.7		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		05.0	B	22.12	B	14.44	E	12	F	0.19	17.2		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		05.0					E	12	F	0.07	17.7		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		06.0	B	22.00	B	14.76	E	12	F	0.10	17.2		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		06.0					E	12	F	0.00	17.7		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		08.0					E	31	F	0.17	17.7		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		08.0	B	21.92	B	15.12	E	12	F	0.07	17.2		
27	05	64	17.0	PA	0001	37	00.5	76	29.0	*9		8		22	03	0.8		09.4	B	21.96	B	15.32	E	12	F	0.00	17.2		

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
27	05	64	18.0	PA	0001	37	00.5	76	29.0	10		8		27	04	0.8		00.0	B	23.48	B	11.84	E	30	D	0.11	18.1	
27	05	64	18.0	PA	0001	37	00.5	76	29.0	10		8		27	04	0.8		02.0	B	22.88	B	12.60	E	30	F	0.20	18.1	
27	05	64	18.0	PA	0001	37	00.5	76	29.0	10		8		27	04	0.8		02.0					E	30	F	0.33	18.5	
27	05	64	18.0	PA	0001	37	00.5	76	29.0	10		8		27	04	0.8		04.0	B	22.64	B	13.44	E	30	F	0.16	18.1	
27	05	64	18.0	PA	0001	37	00.5	76	29.0	10		8		27	04	0.8		05.0	B	22.32	B	13.92	E	30	F	0.17	18.2	
27	05	64	18.0	PA	0001	37	00.5	76	29.0	10		8		27	04	0.8		05.0					E	30	F	0.35	18.5	
27	05	64	18.0	PA	0001	37	00.5	76	29.0	10		8		27	04	0.8		06.0	B	22.12	B	14.56	E	30	F	0.22	18.2	
27	05	64	18.0	PA	0001	37	00.5	76	29.0	10		8		27	04	0.8		08.0	B	21.96	B	15.16	E	30	F	0.29	18.2	
27	05	64	18.0	PA	0001	37	00.5	76	29.0	10		8		27	04	0.8		09.5	B	21.88	B	15.36		*		*	*	
27	05	64	18.0	PA	0001	37	00.5	76	29.0	10		8		27	04	0.8		09.5					E	30	F	0.49	18.6	
27	05	64	19.0	PA	0001	37	00.5	76	29.0	10		1		27	07			00.0	B	23.16	B	11.68	E	29	D	0.31	19.1	
27	05	64	19.0	PA	0001	37	00.5	76	29.0	10		1		27	07			02.0	B	23.20	B	11.92	E	29	F	0.50	19.1	
27	05	64	19.0	PA	0001	37	00.5	76	29.0	10		1		27	07			04.0	B	22.60	B	12.96	E	29	F	0.55	19.1	
27	05	64	19.0	PA	0001	37	00.5	76	29.0	10		1		27	07			05.0	B	22.56	B	13.60	E	29	F	0.65	19.1	
27	05	64	19.0	PA	0001	37	00.5	76	29.0	10		1		27	07			06.0	B	22.04	B	14.56	E	29	F	0.67	19.1	
27	05	64	19.0	PA	0001	37	00.5	76	29.0	10		1		27	07			08.0	B	21.76	B	15.32	E	29	F	0.52	19.1	
27	05	64	19.0	PA	0001	37	00.5	76	29.0	10		1		27	07			10.0	B	21.72	B	15.40	E	29	F	0.50	19.1	
27	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		25	05			00.0	B	22.68	B	12.32	E	31	D	0.71	20.2	
27	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		25	05			00.0					E	31	D	0.65	20.7	
27	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		25	05			02.0	B	22.40	B	17.76	E	31	F	1.09	20.2	
27	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		25	05			02.0					E	31	F	1.10	20.7	
27	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		25	05			04.0	B	21.84	B	15.44	E	31	F	0.72	20.3	
27	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		25	05			05.0	B	21.68	B	15.60	E	31	F	0.75	20.3	
27	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		25	05			06.0	B	21.64	B	15.64	E	31	F	0.90	20.3	
27	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		25	05			08.0	B	21.56	B	15.68	E	31	F	0.97	20.3	
27	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		25	05			08.0					E	31	F	0.75	20.8	
27	05	64	20.0	PA	0001	37	00.5	76	29.0	10		2		25	05			10.1	B	21.64	B	15.76	E	31	F	0.88	20.3	
27	05	64	21.0	PA	0001	37	00.5	76	29.0	10		3		25	06			00.0	B	22.76	B	12.88	E	31	D	0.82	21.2	
27	05	64	21.0	PA	0001	37	00.5	76	29.0	10		3		25	06			00.0					E	30	D	0.80	21.6	
27	05	64	21.0	PA	0001	37	00.5	76	29.0	10		3		25	06			02.0	B	22.48	B	13.40	E	31	F	1.18	21.2	
27	05	64	21.0	PA	0001	37	00.5	76	29.0	10		3		25	06			02.0					E	30	F	1.05	21.6	
27	05	64	21.0	PA	0001	37	00.5	76	29.0	10		3		25	06			04.0	B	21.44	B	17.08	E	31	F	0.69	21.2	
27	05	64	21.0	PA	0001	37	00.5	76	29.0	10		3		25	06			05.0	B	21.20	B	17.28	E	31	F	0.75	21.3	
27	05	64	21.0	PA	0001	37	00.5	76	29.0	10		3		25	06			06.0	B	21.08	B	17.40	E	31	F	0.67	21.3	
27	05	64	21.0	PA	0001	37	00.5	76	29.0	10		3		25	06			08.0	B	21.00	B	17.48	E	31	F	0.65	21.3	
27	05	64	21.0	PA	0001	37	00.5	76	29.0	10		3		25	06			08.0					E	30	F	0.52	21.7	
27	05	64	21.0	PA	0001	37	00.5	76	29.0	10		3		25	06			10.1	B	20.96	B	17.48	E	31	F	0.52	21.3	
27	05	64	22.0	PA	0001	37	00.5	76	29.0	10		3		23	06			00.0	B	22.16	B	15.20	E	30	D	0.76	22.2	
27	05	64	22.0	PA	0001	37	00.5	76	29.0	10		3		23	06			00.0					E	30	D	0.65	22.6	
27	05	64	22.0	PA	0001	37	00.5	76	29.0	10		3		23	06			02.0	B	21.52	B	16.44	E	30	F	0.99	22.2	
27	05	64	22.0	PA	0001	37	00.5	76	29.0	10		3		23	06			02.0					E	30	F	0.79	22.6	
27	05	64	22.0	PA	0001	37	00.5	76	29.0	10		3		23	06			04.0	B	21.32	B	17.04	E	30	F	0.90	22.2	
27	05	64	22.0	PA	0001	37	00.5	76	29.0	10		3		23	06			05.0	B	21.16	B	17.16	E	30	F	0.69	22.3	
27	05	64	22.0	PA	0001	37	00.5	76	29.0	10		3		23	06			06.0	B	21.16	B	17.36	E	30	F	0.61	22.3	
27	05	64	22.0	PA	0001	37	00.5	76	29.0	10		3		23	06			08.0	B	21.12	B	17.36	E	30	F	0.55	22.3	
27	05	64	22.0	PA	0001	37	00.5	76	29.0	10		3		23	06			08.0					E	30	F	0.61	22.6	
27	05	64	22.0	PA	0001	37	00.5	76	29.0	10		3		23	06			10.1	B	21.12	B	17.44	E	30	F	0.55	22.3	
27	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		23	07			00.0	B	21.28	B	17.00	E	30	D	0.44	23.1	
27	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		23	07			00.0					E	31	D	0.71	23.6	
27	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		23	07			02.0	B	21.32	B	17.28	E	30	F	0.65	23.2	
27	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		23	07			02.0					E	31	F	0.38	23.7	
27	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		23	07			04.0	B	21.08	B	17.92	E	30	F	0.55	23.2	
27	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		23	07			05.0	B	20.96	B	17.96	E	30	F	0.47	23.2	
27	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		23	07			06.0	B	20.96	B	18.08	E	30	F	0.44	23.2	
27	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		23	07			08.0	B	20.92	B	18.12	E	30	F	0.44	23.3	
27	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		23	07			08.0					E	31	F	0.31	23.7	
27	05	64	23.0	PA	0001	37	00.5	76	29.0	10		3		23	07			10.0	B	20.84	B	18.12	E	30	F	0.44	23.3	
28	05	64	00.0	PA	0001	37	00.5	76	29.0	10		4		23	07			00.0	B	21.60	B	16.00	E	03	D	0.17	24.2	
28	05	64	00.0	PA	0001	37	00.5	76	29.0	10		4		23	07			00.0					E	09	D	0.26	24.5	
28	05	64	00.0	PA	0001	37	00.5	76	29.0	10		4		23	07			02.0	B	21.48	B	15.92	E	31	F	0.20	24.3	
28	05	64	00.0	PA	0001	37	00.5	76	29.0	10		4		23	07			02.0					E	09	F	0.14	24.7	
28	05	64	00.0	PA	0001	37	00.5	76	29.0	10		4		23	07			04.0	B	21.04	B	18.08	E	31	F	0.19	24.3	
28	05	64	00.0	PA	0001	37	00.5	76	29.0	10		4		23	07			05.0	B	21.04	B	18.16	E	31	F	0.17	24.3	
28	05	64	00.0	PA	0001	37	00.5	76	29.0	10		4		23	07			06.0	B	21.88	B	18.20	E	31	F	0.22	24.3	
28	05	64	00.0	PA	0001	37	00.5	76	29.0	10		4		23	07			08.0	B	21.00	B	18.00	E	31	F	0.20	24.3	
28	05	64	00.0	PA	0001	37	00.5	76	29.0	10		4		23	07			08.0					E	30	F	0.14	24.7	
28	05	64	00.0	PA	0001	37	00.5	76	29.0	10		4		23	07			09.6	B	20.96	B	18.28	E	31	F	0.20	24.3	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
28	05	64	01.0	PA	0001	37	00.5	76	29.0	10		5	24	29	11			00.0	B	21.64	B	15.92	E	13	D	0.36	01.2		
28	05	64	01.0	PA	0001	37	00.5	76	29.0	10		5	24	29	11			00.0					E	13	D	0.60	01.8		
28	05	64	01.0	PA	0001	37	00.5	76	29.0	10		5	24	29	11			02.0	B	21.52	B	16.40	E	13	F	0.42	01.3		
28	05	64	01.0	PA	0001	37	00.5	76	29.0	10		5	24	29	11			02.0					E	13	F	0.57	01.8		
28	05	64	01.0	PA	0001	37	00.5	76	29.0	10		5	24	29	11			04.0	B	21.32	B	17.36	E	13	F	0.35	01.3		
28	05	64	01.0	PA	0001	37	00.5	76	29.0	10		5	24	29	11			05.0	B	21.12	B	17.44	E	13	F	0.27	01.3		
28	05	64	01.0	PA	0001	37	00.5	76	29.0	10		5	24	29	11			06.0	B	21.12	B	17.72	E	13	F	0.27	01.3		
28	05	64	01.0	PA	0001	37	00.5	76	29.0	10		5	24	29	11			08.0	B	21.16	B	18.16	E	13	F	0.27	01.4		
28	05	64	01.0	PA	0001	37	00.5	76	29.0	10		5	24	29	11			08.0					E	13	F	0.27	01.8		
28	05	64	01.0	PA	0001	37	00.5	76	29.0	10		5	24	29	11			09.9	B	21.04	B	18.12	E	13	F	0.22	01.4		
28	05	64	02.0	PA	0001	37	00.5	76	29.0	10		5	24	29	05			00.0	B	22.24	B	13.70	E	13	D	0.76	02.2		
28	05	64	02.0	PA	0001	37	00.5	76	29.0	10		5	24	29	05			00.0					E	13	D	0.63	02.8		
28	05	64	02.0	PA	0001	37	00.5	76	29.0	10		5	24	29	05			02.0	B	21.84	B	15.06	E	13	F	0.59	02.2		
28	05	64	02.0	PA	0001	37	00.5	76	29.0	10		5	24	29	05			02.0					E	13	F	0.75	02.8		
28	05	64	02.0	PA	0001	37	00.5	76	29.0	10		5	24	29	05			04.0	B	21.44	B	15.58	E	13	F	0.44	02.2		
28	05	64	02.0	PA	0001	37	00.5	76	29.0	10		5	24	29	05			05.0	B	21.20	B	16.06	E	13	F	0.44	02.2		
28	05	64	02.0	PA	0001	37	00.5	76	29.0	10		5	24	29	05			06.0	B	21.12	B	16.38	E	13	F	0.38	02.2		
28	05	64	02.0	PA	0001	37	00.5	76	29.0	10		5	24	29	05			08.0	B	21.22	B	16.98	E	13	F	0.31	02.2		
28	05	64	02.0	PA	0001	37	00.5	76	29.0	10		5	24	29	05			08.0					E	13	F	0.35	02.8		
28	05	64	02.0	PA	0001	37	00.5	76	29.0	10		5	24	29	05			09.6	B	20.96	B	17.26	E	13	F	0.31	02.2		
28	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6	22	35	03			00.0	B	22.28	B	13.64	E	13	D	0.68	03.1		
28	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6	22	35	03			00.0					E	13	D	0.54	03.8		
28	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6	22	35	03			02.0	B	21.84	B	14.84	E	13	F	0.63	03.1		
28	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6	22	35	03			02.0					E	13	F	0.61	03.8		
28	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6	22	35	03			04.0	B	21.52	B	16.96	E	13	F	0.50	03.2		
28	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6	22	35	03			05.0	B	21.32	B	17.28	E	13	F	0.47	03.2		
28	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6	22	35	03			06.0	B	21.24	B	17.40	E	13	F	0.47	03.2		
28	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6	22	35	03			08.0	B	21.12	B	17.72	E	13	F	0.31	03.2		
28	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6	22	35	03			08.0					E	13	F	0.31	03.8		
28	05	64	03.0	PA	0001	37	00.5	76	29.0	10		6	22	35	03			09.5	B	21.08	B	18.00	E	13	F	0.31	03.2		
28	05	64	04.0	PA	0001	37	00.5	76	29.0	9		7	21	5	06			00.0	B	22.12	B	13.68	E	13	D	0.50	04.1		
28	05	64	04.0	PA	0001	37	00.5	76	29.0	9		7	21	5	06			00.0					E	13	D	0.40	04.8		
28	05	64	04.0	PA	0001	37	00.5	76	29.0	9		7	21	5	06			02.0	B	22.18	B	13.64	E	13	F	0.63	04.1		
28	05	64	04.0	PA	0001	37	00.5	76	29.0	9		7	21	5	06			02.0					E	13	F	0.44	04.8		
28	05	64	04.0	PA	0001	37	00.5	76	29.0	9		7	21	5	06			04.0	B	21.56	B	16.80	E	13	F	0.42	04.2		
28	05	64	04.0	PA	0001	37	00.5	76	29.0	9		7	21	5	06			05.0	B	21.40	B	16.96	E	13	F	0.35	04.2		
28	05	64	04.0	PA	0001	37	00.5	76	29.0	9		7	21	5	06			06.0	B	21.36	B	17.08	E	13	F	0.31	04.2		
28	05	64	04.0	PA	0001	37	00.5	76	29.0	9		7	21	5	06			08.0	B	21.24	B	17.44	E	13	F	0.27	04.2		
28	05	64	04.0	PA	0001	37	00.5	76	29.0	9		7	21	5	06			08.0					E	13	F	0.27	04.8		
28	05	64	04.0	PA	0001	37	00.5	76	29.0	9		7	21	5	06			09.4	B	21.20			E	13	F	0.27	04.2		
28	05	64	05.0	PA	0001	37	00.5	76	29.0	9		8	21	5	05	0.8		00.0	B	22.40	B	12.96	E	13	D	0.41	05.1		
28	05	64	05.0	PA	0001	37	00.5	76	29.0	9		8	21	5	05	0.8		04.0	B	21.52	B	16.56	E	13	F	0.27	05.1		
28	05	64	05.0	PA	0001	37	00.5	76	29.0	9		8	21	5	05	0.8		05.0	B	21.44	B	16.72	E	13	F	0.27	05.2		
28	05	64	05.0	PA	0001	37	00.5	76	29.0	9		8	21	5	05	0.8		00.0					E	15	D	0.09	05.8		
28	05	64	05.0	PA	0001	37	00.5	76	29.0	9		8	21	5	05	0.8		02.0	B	22.48	B	13.60	E	13	F	0.42	05.1		
28	05	64	05.0	PA	0001	37	00.5	76	29.0	9		8	21	5	05	0.8		02.0					E	15	F	0.29	05.8		
28	05	64	05.0	PA	0001	37	00.5	76	29.0	9		8	21	5	05	0.8		06.0	B	21.32	B	17.00	E	13	F	0.27	05.2		
28	05	64	05.0	PA	0001	37	00.5	76	29.0	9		8	21	5	05	0.8		08.0	B	21.24	B	17.28	E	13	F	0.22	05.2		
28	05	64	05.0	PA	0001	37	00.5	76	29.0	9		8	21	5	05	0.8		08.0					E	15	F	0.10	05.8		
28	05	64	05.0	PA	0001	37	00.5	76	29.0	9		8	21	5	05	0.8		09.4	B	21.20	B	17.60	E	13	F	0.15	05.2		
28	05	64	06.0	PA	0001	37	00.5	76	29.0	9		8	23	6	03	1.0		00.0	B	22.20	B	12.72		*	D	0.00	06.2		
28	05	64	06.0	PA	0001	37	00.5	76	29.0	9		8	23	6	03	1.0		00.0						*	D	0.00	06.8		
28	05	64	06.0	PA	0001	37	00.5	76	29.0	9		8	23	6	03	1.0		02.0	B	22.40	B	12.80	E	13	F	0.10	06.2		
28	05	64	06.0	PA	0001	37	00.5	76	29.0	9		8	23	6	03	1.0		02.0					E	32	F	0.14	06.8		
28	05	64	06.0	PA	0001	37	00.5	76	29.0	9		8	23	6	03	1.0		04.0	B	21.64	B	15.68	E	13	F	0.17	06.2		
28	05	64	06.0	PA	0001	37	00.5	76	29.0	9		8	23	6	03	1.0		05.0	B	21.48	B	16.04	E	13	F	0.12	06.2		
28	05	64	06.0	PA	0001	37	00.5	76	29.0	9		8	23	6	03	1.0		06.0	B	21.36	B	16.68		*	F	0.00	06.2		
28	05	64	06.0	PA	0001	37	00.5	76	29.0	9		8	23	6	03	1.0		08.0	B	21.28	B	17.40	E	32	F	0.25	06.2		
28	05	64	06.0	PA	0001	37	00.5	76	29.0	9		8	23	6	03	1.0		08.0					E	32	F	0.23	06.8		
28	05	64	06.0	PA	0001	37	00.5	76	29.0	9		8	23	6	03	1.0		09.3	B	21.28	B	17.68	E	32	F	0.20	06.2		
28	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		1	20	11	03	1.0		00.0	B	22.04	B	12.72	E	32	D	0.15	07.2		
28	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		1	20	11	03	1.0		00.0					E	29	D	0.24	07.7		
28	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		1	20	11	03	1.0		02.0	B	22.08	B	12.76	E	32	F	0.19	07.2		
28	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		1	20	11	03	1.0		02.0					E	29	F	0.22	07.7		
28	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		1	20	11	03	1.0		04.0	B	22.00	B	14.92	E	32	F	0.22	07.2		
28	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		1	20	11	03	1.0		05.0	B	21.72	B	15.16	E	32	F	0.10	07.2		
28	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		1	20	11	03	1.0		06.0	B	21.44	B	16.68	E	32	F	0.20	07.2		
28	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		1	20	11	03	1.0		08.0	B	21.20	B	17.72	E	32	F	0.30	07.2		
28	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		1	20	11	03	1.0		08.0					E	29	F	0.33	07.7		
28	05	64	07.0	PA	0001	37	00.5	76	29.0	*9		1	20	11	03	1.0		09.2	B	21.20	B	17.88	E	32	F	0.32	07.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
28	05	64	08.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		00.0	B	21.92	B	12.28	E	33	D	0.24	08.2		
28	05	64	08.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		00.0					E	33	D	0.23	08.7		
28	05	64	08.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		02.0	B	22.16	B	13.08	E	33	F	0.23	08.2		
28	05	64	08.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		02.0					E	33	F	0.38	08.7		
28	05	64	08.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		04.0	B	21.48	B	15.88	E	33	F	0.35	08.3		
28	05	64	08.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		05.0	B	21.40	B	16.24	E	33	F	0.46	08.3		
28	05	64	08.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		06.0	B	21.36	B	16.56	E	33	F	0.49	08.3		
28	05	64	08.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		08.0	B	21.24	B	17.28	E	33	F	0.38	08.4		
28	05	64	08.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		08.0					E	33	F	0.44	08.7		
28	05	64	08.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		09.5	B	21.20	B	17.44	E	33	F	0.35	08.4		
28	05	64	09.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		00.0	B	22.32	B	12.20	E	31	D	0.35	09.2		
28	05	64	09.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		00.0					E	31	D	0.49	09.7		
28	05	64	09.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		02.0	B	22.04	B	13.88	E	31	F	0.42	09.2		
28	05	64	09.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		02.0					E	31	F	0.55	09.7		
28	05	64	09.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		04.0	B	21.56	B	16.32	E	31	F	0.67	09.2		
28	05	64	09.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		05.0	B	21.28	B	17.12	E	31	F	0.65	09.2		
28	05	64	09.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		06.0	B	21.24	B	17.36	E	31	F	0.61	09.3		
28	05	64	09.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		08.0	B	21.20	B	17.52	E	31	F	0.57	09.3		
28	05	64	09.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		08.0					E	31	F	0.50	09.8		
28	05	64	09.0	PA	0001	37	00.5	76	29.0	10		2	20	*9	04	1.0		09.6	B	21.16	B	17.52	E	31	F	0.57	09.3		
28	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		00.0	B	22.48	B	12.60	E	30	D	0.51	10.2		
28	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		00.0					E	31	D	0.59	10.6		
28	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		02.0	B	22.08	B	14.64	E	30	F	0.57	10.2		
28	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		02.0					E	31	F	0.67	10.7		
28	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		04.0	B	21.76	B	16.28	E	30	F	0.74	10.2		
28	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		05.0	B	21.60	B	16.96	E	30	F	0.69	10.2		
28	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		06.0	B	20.84	B	18.72	E	30	F	0.61	10.2		
28	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		08.0	B	20.56	B	19.28	E	30	F	0.50	10.3		
28	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		08.0					E	31	F	0.38	10.7		
28	05	64	10.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		10.3	B	20.40	B	19.44	E	30	F	0.44	10.3		
28	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		00.0	B	26.16	B	13.84	E	31	D	0.59	11.1		
28	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		00.0					E	31	D	0.51	11.6		
28	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		02.0	B	21.92	B	13.80	E	31	F	0.63	11.1		
28	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		02.0					E	31	F	0.52	11.7		
28	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		04.0	B	20.96	B	17.00	E	31	F	0.63	11.2		
28	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		05.0	B	20.64	B	17.60	E	31	F	0.57	11.2		
28	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		06.0	B	20.56	B	17.96	E	31	F	0.47	11.2		
28	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		08.0	B	20.44	B	18.20	E	31	F	0.42	11.2		
28	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		08.0					E	31	F	0.35	11.7		
28	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	20	11	05	1.0		10.1	B	20.20	B	19.43	E	31	F	0.38	*		
28	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4	21	17	07	1.0		00.0	B	21.92	B	14.85	E	29	D	0.28	12.1		
28	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4	21	17	07	1.0		00.0					E	35	D	0.09	12.6		
28	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4	21	17	07	1.0		02.0	B	21.88	B	15.72	E	29	F	0.27	12.2		
28	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4	21	17	07	1.0		02.0					E	35	F	0.07	12.7		
28	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4	21	17	07	1.0		04.0	B	21.16	B	17.48	E	29	F	0.30	12.2		
28	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4	21	17	07	1.0		05.0	B	20.84	B	19.08	E	29	F	0.36	12.2		
28	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4	21	17	07	1.0		06.0	B	20.60	B	19.52	E	29	F	0.32	12.2		
28	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4	21	17	07	1.0		08.0	B	20.44	B	19.64	E	29	F	0.22	12.2		
28	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4	21	17	07	1.0		08.0					E	35	F	0.07	12.7		
28	05	64	12.0	PA	0001	37	00.5	76	29.0	10		4	21	17	07	1.0		10.0	B	20.16	B	20.20	E	29	F	0.14	12.3		
28	05	64	13.0	PA	0001	37	00.5	76	29.0	10		4	18	20	02	0.9		00.0	B	21.68	B	14.93	E	08	D	0.24	13.3		
28	05	64	13.0	PA	0001	37	00.5	76	29.0	10		4	18	20	02	0.9		00.0					E	09	D	0.31	13.7		
28	05	64	13.0	PA	0001	37	00.5	76	29.0	10		4	18	20	02	0.9		02.0	B	21.72	B	15.92		*	F	0.00	13.2		
28	05	64	13.0	PA	0001	37	00.5	76	29.0	10		4	18	20	02	0.9		02.0					E	14	F	0.23	13.7		
28	05	64	13.0	PA	0001	37	00.5	76	29.0	10		4	18	20	02	0.9		04.0	B	21.20	B	17.76	E	14	F	0.19	13.2		
28	05	64	13.0	PA	0001	37	00.5	76	29.0	10		4	18	20	02	0.9		05.0	B	21.04	B	18.08	E	14	F	0.16	13.3		
28	05	64	13.0	PA	0001	37	00.5	76	29.0	10		4	18	20	02	0.9		06.0	B	20.88	B	18.44		*	F	0.00	13.3		
28	05	64	13.0	PA	0001	37	00.5	76	29.0	10		4	18	20	02	0.9		08.0					E	14	F	0.16	13.7		
28	05	64	13.0	PA	0001	37	00.5	76	29.0	10		4	18	20	02	0.9		08.0	B	20.64	B	19.12		*	F	0.00	13.3		
28	05	64	13.0	PA	0001	37	00.5	76	29.0	10		4	18	20	02	0.9		10.0	B	20.40	B	19.00	E	14	F	0.16	13.3		
28	05	64	14.0	PA	0001	37	00.5	76	29.0	10		5	17	16	02	0.9		00.0	B	21.68	B	14.75	E	12	D	0.35	14.1		
28	05	64	14.0	PA	0001	37	00.5	76	29.0	10		5	17	16	02	0.9		00.0					E	15	D	0.60	14.8		
28	05	64	14.0	PA	0001	37	00.5	76	29.0	10		5	17	16	02	0.9		02.0	B	21.64	B	15.96	E	12	F	0.40	14.2		
28	05	64	14.0	PA	0001	37	00.5	76	29.0	10		5	17	16	02	0.9		02.0					E	12	F	0.59	14.8		
28	05	64	14.0	PA	0001	37	00.5	76	29.0	10		5	17	16	02	0.9		04.0	B	21.60	B	16.60	E	12	F	0.41	14.2		
28	05	64	14.0	PA	0001	37	00.5	76	29.0	10		5	17	16	02	0.9		05.0	B	21.56	B	16.88	E	12	F	0.30	14.2		
28	05	64	14.0	PA	0001	37	00.5	76	29.0	10		5	17	16	02	0.9		06.0	B	21.00	B	18.20	E	12	F	0.27	14.3		
28	05	64	14.0	PA	0001	37	00.5	76	29.0	10		5	17	16	02	0.9		08.0	B	20.48	B	19.24	E	12		*	*		
28	05	64	14.0	PA	0001	37	00.5	76	29.0	10		5	17	16	02	0.9		08.0					E	12	F	0.38	14.8		
28	05	64	14.0	PA	0001	37	00.5	76	29.0	10		5	17	16	02	0.9		09.9	B	20.24	B	23.92	E	12	F	0.23	14.3		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
28	05	64	15.0	PA	0001	37	00.5	76	29.0	10	6	17	*	00		00.0	B	21.60	B	14.17	E	12	D	0.78	15.2
28	05	64	15.0	PA	0001	37	00.5	76	29.0	10	6	17	*	00		00.0					F	10	D	0.80	15.6
28	05	64	15.0	PA	0001	37	00.5	76	29.0	10	6	17	*	00		02.0	B	21.76	B	14.96	E	12	F	0.79	15.3
28	05	64	15.0	PA	0001	37	00.5	76	29.0	10	6	17	*	00		02.0					F	10	F	0.86	15.7
28	05	64	15.0	PA	0001	37	00.5	76	29.0	10	6	17	*	00		04.0	B	21.76	B	15.84	E	12	F	0.81	15.3
28	05	64	15.0	PA	0001	37	00.5	76	29.0	10	6	17	*	00		05.0	B	21.20	B	18.12	E	12	F	0.65	15.4
28	05	64	15.0	PA	0001	37	00.5	76	29.0	10	6	17	*	00		06.0	B	21.00	B	18.36	E	12	F	0.55	15.4
28	05	64	15.0	PA	0001	37	00.5	76	29.0	10	6	17	*	00		08.0	B	20.40	B	18.72	E	12	F	0.42	15.4
28	05	64	15.0	PA	0001	37	00.5	76	29.0	10	6	17	*	00		09.6					F	10	F	0.44	15.7
28	05	64	15.0	PA	0001	37	00.5	76	29.0	10	6	17	*	00		09.8	B	20.32	B	18.75	E	12	F	0.38	15.4
28	05	64	16.0	PA	0001	37	00.5	76	29.0	9	6	19		00	1.0	00.0					F	11	D	0.90	16.6
28	05	64	16.0	PA	0001	37	00.5	76	29.0	9	6	19		00	1.0	00.0	B	22.04	B	13.80	E	12	D	0.76	16.1
28	05	64	16.0	PA	0001	37	00.5	76	29.0	9	6	19		00	1.0	02.0	B	22.20	B	13.92	E	12	F	0.72	16.1
28	05	64	16.0	PA	0001	37	00.5	76	29.0	9	6	19		00	1.0	02.0					F	11	F	0.75	16.7
28	05	64	16.0	PA	0001	37	00.5	76	29.0	9	6	19		00	1.0	04.0	B	21.56	B	17.12	E	12	F	0.77	16.2
28	05	64	16.0	PA	0001	37	00.5	76	29.0	9	6	19		00	1.0	05.0	B	21.28	B	17.96	E	12	F	0.63	16.2
28	05	64	16.0	PA	0001	37	00.5	76	29.0	9	6	19		00	1.0	06.0	B	21.20	B	18.24	E	12	F	0.63	16.2
28	05	64	16.0	PA	0001	37	00.5	76	29.0	9	6	19		00	1.0	08.0	B	20.88	B	18.96	E	12	F	0.44	16.2
28	05	64	16.0	PA	0001	37	00.5	76	29.0	9	6	19		00	1.0	08.0					F	11	F	0.35	16.7
28	05	64	16.0	PA	0001	37	00.5	76	29.0	9	6	19		00	1.0	09.4	B	20.60	B	18.52	E	12	F	0.38	16.2
28	05	64	17.0	PA	0001	37	00.5	76	29.0	10	6	19	*	00		00.0	B	22.00	B	12.93	E	12	D	0.87	17.2
28	05	64	17.0	PA	0001	37	00.5	76	29.0	10	6	19	*	00		00.0					E	12	D	0.61	17.6
28	05	64	17.0	PA	0001	37	00.5	76	29.0	10	6	19	*	00		02.0	B	22.12	B	14.00	E	12	F	0.65	17.1
28	05	64	17.0	PA	0001	37	00.5	76	29.0	10	6	19	*	00		02.0					E	12	F	0.47	17.6
28	05	64	17.0	PA	0001	37	00.5	76	29.0	10	6	19	*	00		04.0	B	22.08	B	14.12	E	12	F	0.63	17.1
28	05	64	17.0	PA	0001	37	00.5	76	29.0	10	6	19	*	00		05.0	B	21.36	B	17.72	E	12	F	0.55	17.2
28	05	64	17.0	PA	0001	37	00.5	76	29.0	10	6	19	*	00		06.0	B	21.24	B	17.76	E	12	F	0.55	17.2
28	05	64	17.0	PA	0001	37	00.5	76	29.0	10	6	19	*	00		08.0	B	20.84	B	18.68	E	12	F	0.35	17.2
28	05	64	17.0	PA	0001	37	00.5	76	29.0	10	6	19	*	00		08.0					E	12	F	0.22	17.6
28	05	64	17.0	PA	0001	37	00.5	76	29.0	10	6	19	*	00		09.7	B	20.60	B	18.37	E	12	F	0.31	17.2
28	05	64	18.0	PA	0001	37	00.5	76	29.0	9	8	18	4	02	0.8	00.0	B	22.04	B	12.96	E	14	D	0.43	18.0
28	05	64	18.0	PA	0001	37	00.5	76	29.0	9	8	18	4	02	0.8	00.0					E	12	D	0.12	18.7
28	05	64	18.0	PA	0001	37	00.5	76	29.0	9	8	18	4	02	0.8	02.0	B	22.20	B	13.24	E	14	F	0.61	18.1
28	05	64	18.0	PA	0001	37	00.5	76	29.0	9	8	18	4	02	0.8	02.0					E	12	F	0.23	18.7
28	05	64	18.0	PA	0001	37	00.5	76	29.0	9	8	18	4	02	0.8	04.0	B	21.68	B	16.00	E	14	F	0.31	18.2
28	05	64	18.0	PA	0001	37	00.5	76	29.0	9	8	18	4	02	0.8	05.0	B	21.36	B	17.04	E	14	F	0.42	18.2
28	05	64	18.0	PA	0001	37	00.5	76	29.0	9	8	18	4	02	0.8	06.0	B	21.28	B	17.32	E	14	F	0.27	18.2
28	05	64	18.0	PA	0001	37	00.5	76	29.0	9	8	18	4	02	0.8	08.0	B	21.04	B	18.04	E	32	F	0.15	18.2
28	05	64	18.0	PA	0001	37	00.5	76	29.0	9	8	18	4	02	0.8	08.0					E	27	F	0.26	18.7
28	05	64	18.0	PA	0001	37	00.5	76	29.0	9	8	18	4	02	0.8	09.4	B	20.76	B	18.25	E	32	F	0.31	18.2
28	05	64	19.0	PA	0001	37	00.5	76	29.0	9	1	18	4	03		00.0	B	21.52	B	11.87	E	33	D	0.12	19.4
28	05	64	19.0	PA	0001	37	00.5	76	29.0	9	1	18	4	03		00.0					E	31	D	0.31	19.7
28	05	64	19.0	PA	0001	37	00.5	76	29.0	9	1	18	4	03		02.0	B	21.92	B	14.56	E	33	F	0.07	19.2
28	05	64	19.0	PA	0001	37	00.5	76	29.0	9	1	18	4	03		02.0					E	31	F	0.23	19.7
28	05	64	19.0	PA	0001	37	00.5	76	29.0	9	1	18	4	03		04.0	B	21.72	B	15.40	E	33	F	0.12	19.2
28	05	64	19.0	PA	0001	37	00.5	76	29.0	9	1	18	4	03		05.0	B	21.44	B	16.92	E	33	F	0.26	19.3
28	05	64	19.0	PA	0001	37	00.5	76	29.0	9	1	18	4	03		06.0	B	21.16	B	17.68	E	33	F	0.37	19.3
28	05	64	19.0	PA	0001	37	00.5	76	29.0	9	1	18	4	03		08.0	B	20.88	B	18.64	E	33	F	0.41	19.3
28	05	64	19.0	PA	0001	37	00.5	76	29.0	9	1	18	4	03		08.0					E	31	F	0.47	19.8
28	05	64	19.0	PA	0001	37	00.5	76	29.0	9	1	18	4	03		09.2	B	20.72	B	18.13	E	33	F	0.40	19.3
28	05	64	20.0	PA	0001	37	00.5	76	29.0	9	2	19		00		00.0	B	21.64	B	12.33	E	31	D	0.44	20.0
28	05	64	20.0	PA	0001	37	00.5	76	29.0	9	2	19		00		00.0					E	31	D	0.49	20.7
28	05	64	20.0	PA	0001	37	00.5	76	29.0	9	2	19		00		02.0	B	21.72	B	14.40	E	31	F	0.31	20.2
28	05	64	20.0	PA	0001	37	00.5	76	29.0	9	2	19		00		02.0					E	31	F	0.55	20.7
28	05	64	20.0	PA	0001	37	00.5	76	29.0	9	2	19		00		04.0	B	21.88	B	14.56	E	31	F	0.55	20.2
28	05	64	20.0	PA	0001	37	00.5	76	29.0	9	2	19		00		05.0	B	21.20	B	17.72	E	31	F	0.74	20.3
28	05	64	20.0	PA	0001	37	00.5	76	29.0	9	2	19		00		06.0	B	21.24	B	17.64	E	31	F	0.79	20.3
28	05	64	20.0	PA	0001	37	00.5	76	29.0	9	2	19		00		08.0	B	20.76	B	18.76	E	31	F	0.65	20.3
28	05	64	20.0	PA	0001	37	00.5	76	29.0	9	2	19		00		08.0					E	31	F	0.63	20.7
28	05	64	20.0	PA	0001	37	00.5	76	29.0	9	2	19		00		09.5	B	20.80	B	18.96	E	31	F	0.65	20.3
28	05	64	21.0	PA	0001	37	00.5	76	29.0	10	2	18	*6	04		00.0	B	22.12	B	13.88	E	30	D	0.63	21.0
28	05	64	21.0	PA	0001	37	00.5	76	29.0	10	2	18	*6	04		00.0					E	31	D	0.84	21.6
28	05	64	21.0	PA	0001	37	00.5	76	29.0	10	2	18	*6	04		02.0	B	22.04	B	14.80	E	31	F	0.81	21.3
28	05	64	21.0	PA	0001	37	00.5	76	29.0	10	2	18	*6	04		02.0					E	33	F	0.95	21.7
28	05	64	21.0	PA	0001	37	00.5	76	29.0	10	2	18	*6	04		04.0	B	21.72	B	16.16	E	33	F	0.81	21.3
28	05	64	21.0	PA	0001	37	00.5	76	29.0	10	2	18	*6	04		05.0	B	21.12	B	17.92	E	33	F	0.79	21.3
28	05	64	21.0	PA	0001	37	00.5	76	29.0	10	2	18	*6	04		06.0	B	21.12	B	18.60	E	33	F	0.72	21.3
28	05	64	21.0	PA	0001	37	00.5	76	29.0	10	2	18	*6	04		08.0	B	20.96	B	18.68	E	33	F	0.72	21.3
28	05	64	21.0	PA	0001	37	00.5	76	29.0	10	2	18	*6	04		08.0					E	33	F	0.69	21.7
28	05	64	21.0	PA	0001	37	00.5	76	29.0	10	2	18	*6	04		10.0	B	20.88	B	17.80	E	33	F	0.69	21.4

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
28	05	64	22.0	PA	0001	37	00.5	76	29.0	9		2	18	6	01			00.0	B	21.76	B	12.93	E	30	D	0.80	22.0		
28	05	64	22.0	PA	0001	37	00.5	76	29.0	9		2	18	6	01			00.0					E	30	D	0.95	22.7		
28	05	64	22.0	PA	0001	37	00.5	76	29.0	9		2	18	6	01			02.0	B	21.56	B	16.12	E	34	F	0.90	22.2		
28	05	64	22.0	PA	0001	37	00.5	76	29.0	9		2	18	6	01			02.0					E	34	F	0.83	22.8		
28	05	64	22.0	PA	0001	37	00.5	76	29.0	9		2	18	6	01			04.0	B	20.76	B	19.24	E	34	F	0.77	22.2		
28	05	64	22.0	PA	0001	37	00.5	76	29.0	9		2	18	6	01			05.0	B	20.52	B	19.12	E	34	F	0.61	22.3		
28	05	64	22.0	PA	0001	37	00.5	76	29.0	9		2	18	6	01			06.0	B	20.56	B	19.32	E	34	F	0.50	22.3		
28	05	64	22.0	PA	0001	37	00.5	76	29.0	9		2	18	6	01			08.0	B	20.88	B	19.44	E	34	F	0.61	22.3		
28	05	64	22.0	PA	0001	37	00.5	76	29.0	9		2	18	6	01			08.0					E	36	F	0.52	22.8		
28	05	64	22.0	PA	0001	37	00.5	76	29.0	9		2	18	6	01			09.5	B	20.40	B	19.44	E	34	F	0.52	22.3		
28	05	64	23.0	PA	0001	37	00.5	76	29.0	9		2	17	5	04			00.0	B	21.12	B	15.44	E	29	D	0.63	23.0		
28	05	64	23.0	PA	0001	37	00.5	76	29.0	9		2	17	5	04			00.0					E	31	D	0.57	23.6		
28	05	64	23.0	PA	0001	37	00.5	76	29.0	9		2	17	5	04			02.0	B	21.16	B	17.40	E	33	F	0.77	23.2		
28	05	64	23.0	PA	0001	37	00.5	76	29.0	9		2	17	5	04			02.0					E	33	F	0.61	23.7		
28	05	64	23.0	PA	0001	37	00.5	76	29.0	9		2	17	5	04			04.0	B	20.84	B	19.13	E	33	F	0.63	23.2		
28	05	64	23.0	PA	0001	37	00.5	76	29.0	9		2	17	5	04			05.0	B	20.36	B	19.56	E	33	F	0.61	23.2		
28	05	64	23.0	PA	0001	37	00.5	76	29.0	9		2	17	5	04			06.0	B	20.48	B	19.36	E	33	F	0.55	23.2		
28	05	64	23.0	PA	0001	37	00.5	76	29.0	9		2	17	5	04			08.0	B	20.24	B	19.44	E	33	F	0.47	23.2		
28	05	64	23.0	PA	0001	37	00.5	76	29.0	9		2	17	5	04			08.0					E	33	F	0.50	23.7		
28	05	64	23.0	PA	0001	37	00.5	76	29.0	9		2	17	5	04			09.4	B	20.28	B	19.32	E	33	F	0.42	23.3		
29	05	64	00.0	PA	0001	37	00.5	76	29.0	9		3	16	5	04			00.0	B	20.56	B	16.33	E	31	D	0.52	00.0		
29	05	64	00.0	PA	0001	37	00.5	76	29.0	9		3	16	5	04			00.0					E	31	D	0.38	00.6		
29	05	64	00.0	PA	0001	37	00.5	76	29.0	9		3	16	5	04			02.0	B	20.60	B	19.24	E	33	F	0.35	00.2		
29	05	64	00.0	PA	0001	37	00.5	76	29.0	9		3	16	5	04			02.0					E	33	F	0.30	00.6		
29	05	64	00.0	PA	0001	37	00.5	76	29.0	9		3	16	5	04			04.0	B	20.16	B	19.52	E	33	F	0.42	00.2		
29	05	64	00.0	PA	0001	37	00.5	76	29.0	9		3	16	5	04			05.0	B	20.28	B	19.48	E	33	F	0.35	00.2		
29	05	64	00.0	PA	0001	37	00.5	76	29.0	9		3	16	5	04			06.0	B	20.36	B	19.52	E	33	F	0.31	00.2		
29	05	64	00.0	PA	0001	37	00.5	76	29.0	9		3	16	5	04			08.0	B	20.24	B	19.60	E	33	F	0.31	00.2		
29	05	64	00.0	PA	0001	37	00.5	76	29.0	9		3	16	5	04			08.0					E	33	F	0.20	00.7		
29	05	64	00.0	PA	0001	37	00.5	76	29.0	9		3	16	5	04			09.4	B	20.40	B	18.60	E	33	F	0.31	00.3		
29	05	64	01.0	PA	0001	37	00.5	76	29.0	9		3	16	5	06			00.0	B	20.40	B	16.82	E	31	D	0.24	01.1		
29	05	64	01.0	PA	0001	37	00.5	76	29.0	9		3	16	5	06			00.0					E	10	D	0.19	01.7		
29	05	64	01.0	PA	0001	37	00.5	76	29.0	9		3	16	5	06			02.0	B	20.48	B	17.52	E	33	F	0.17	01.2		
29	05	64	01.0	PA	0001	37	00.5	76	29.0	9		3	16	5	06			02.0					E	10	F	0.00	01.7		
29	05	64	01.0	PA	0001	37	00.5	76	29.0	9		3	16	5	06			04.0	B	20.32	B	19.40	E	33	F	0.17	01.2		
29	05	64	01.0	PA	0001	37	00.5	76	29.0	9		3	16	5	06			05.0	B	20.24	B	19.40	E	33	F	0.14	01.2		
29	05	64	01.0	PA	0001	37	00.5	76	29.0	9		3	16	5	06			06.0	B	20.32	B	19.48	E	33	F	0.12	01.2		
29	05	64	01.0	PA	0001	37	00.5	76	29.0	9		3	16	5	06			08.0	B	20.24	B	19.52	E	33	F	0.10	01.2		
29	05	64	01.0	PA	0001	37	00.5	76	29.0	9		3	16	5	06			08.0					E	10	F	0.00	01.7		
29	05	64	01.0	PA	0001	37	00.5	76	29.0	9		3	16	5	06			09.4	B	20.20	B	19.52	E	33	F	0.12	01.2		
29	05	64	02.0	PA	0001	37	00.5	76	29.0	*9		5	15	36	09			00.0	B	20.20	B	16.32	E	10	D	0.28	02.1		
29	05	64	02.0	PA	0001	37	00.5	76	29.0	*9		5	15	36	09			00.0					E	10	D	0.45	02.7		
29	05	64	02.0	PA	0001	37	00.5	76	29.0	*9		5	15	36	09			02.0	B	20.32	B	17.36	E	10	F	0.24	02.1		
29	05	64	02.0	PA	0001	37	00.5	76	29.0	*9		5	15	36	09			02.0					E	10	F	0.36	02.7		
29	05	64	02.0	PA	0001	37	00.5	76	29.0	*9		5	15	36	09			04.0	B	20.24	B	19.28	E	10	F	0.16	02.1		
29	05	64	02.0	PA	0001	37	00.5	76	29.0	*9		5	15	36	09			05.0	B	20.16	B	19.28	E	10	F	0.17	02.1		
29	05	64	02.0	PA	0001	37	00.5	76	29.0	*9		5	15	36	09			06.0	B	20.16	B	19.40	E	10	F	0.17	02.2		
29	05	64	02.0	PA	0001	37	00.5	76	29.0	*9		5	15	36	09			08.0	B	20.04	B	19.56	E	10	F	0.16	02.2		
29	05	64	02.0	PA	0001	37	00.5	76	29.0	*9		5	15	36	09			08.0					E	10	F	0.28	02.7		
29	05	64	02.0	PA	0001	37	00.5	76	29.0	*9		5	15	36	09			09.4	B	20.12	B	19.72	E	10	F	0.14	02.2		
29	05	64	03.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	06			00.0	B	20.32	B	16.52	E	10	D	0.60	03.1		
29	05	64	03.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	06			00.0					E	14	D	0.66	03.7		
29	05	64	03.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	06			02.0	B	20.40	B	16.80	E	10	F	0.47	03.1		
29	05	64	03.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	06			02.0					E	14	F	0.59	03.7		
29	05	64	03.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	06			04.0	B	20.20	B	18.56	E	10	F	0.42	03.1		
29	05	64	03.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	06			05.0	B	20.20	B	18.76	E	10	F	0.47	03.1		
29	05	64	03.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	06			06.0	B	20.16	B	18.88	E	10	F	0.50	03.1		
29	05	64	03.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	06			08.0	B	20.12	B	19.28	E	10	F	0.42	03.2		
29	05	64	03.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	06			08.0					E	14	F	0.50	03.7		
29	05	64	03.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	06			09.4	B	20.08	B	18.56	E	10	F	0.27	03.2		
29	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	07			00.0	B	20.52	B	14.91	E	14	D	0.73	04.0		
29	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	07			00.0					E	13	D	0.84	04.7		
29	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	07			02.0	B	20.28	B	17.72	E	14	F	0.69	04.1		
29	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	07			02.0					E	13	F	0.81	04.7		
29	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	07			04.0	B	20.28	B	18.56	E	14	F	0.55	04.1		
29	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	07			05.0	B	20.28	B	18.72	E	14	F	0.55	04.1		
29	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	07			06.0	B	20.28	B	15.12	E	14	F	0.47	04.1		
29	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	07			08.0	B	20.16	B	15.12	E	14	F	0.42	04.1		
29	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	07			08.0					E	13	F	0.44	04.7		
29	05	64	04.0	PA	0001	37	00.5	76	29.0	*9		6	15	36	07			09.4	B	20.24	B	19.28	E	14	F	0.35	04.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
29	05	64	05.0	PA	0001	37	00.5	76	29.0	9		6	15	2	07	0.8		00.0	B	20.60	B	13.82	E	13	D	0.74	05.1		
29	05	64	05.0	PA	0001	37	00.5	76	29.0	9		6	15	2	07	0.8		00.0					E	13	D	0.63	05.7		
29	05	64	05.0	PA	0001	37	00.5	76	29.0	9		6	15	2	07	0.8		02.0	B	20.52	B	16.28	E	13	F	0.86	05.1		
29	05	64	05.0	PA	0001	37	00.5	76	29.0	9		6	15	2	07	0.8		02.0					E	13	F	0.61	05.7		
29	05	64	05.0	PA	0001	37	00.5	76	29.0	9		6	15	2	07	0.8		04.0	B	20.40	B	17.52	E	13	F	0.57	05.1		
29	05	64	05.0	PA	0001	37	00.5	76	29.0	9		6	15	2	07	0.8		05.0	B	20.40	B	17.80	E	13	F	0.47	05.1		
29	05	64	05.0	PA	0001	37	00.5	76	29.0	9		6	15	2	07	0.8		06.0	B	20.24	B	17.96	E	13	F	0.27	05.1		
29	05	64	05.0	PA	0001	37	00.5	76	29.0	9		6	15	2	07	0.8		08.0	B	20.24	B	18.00	E	13	F	0.35	05.1		
29	05	64	05.0	PA	0001	37	00.5	76	29.0	9		6	15	2	07	0.8		08.0					E	13	F	0.27	05.7		
29	05	64	05.0	PA	0001	37	00.5	76	29.0	9		6	15	2	07	0.8		09.3	B	20.32	B	18.09	E	13	F	0.27	05.1		
29	05	64	06.0	PA	0001	37	00.5	76	29.0	9		7	15	2	07	1.0		00.0	B	20.56	B	14.80	E	13	D	0.57	06.1		
29	05	64	06.0	PA	0001	37	00.5	76	29.0	9		7	15	2	07	1.0		00.0					E	12	D	0.14	06.7		
29	05	64	06.0	PA	0001	37	00.5	76	29.0	9		7	15	2	07	1.0		02.0	B	20.84	B	14.84	E	13	F	0.50	06.1		
29	05	64	06.0	PA	0001	37	00.5	76	29.0	9		7	15	2	07	1.0		02.0					E	12	F	0.27	06.7		
29	05	64	06.0	PA	0001	37	00.5	76	29.0	9		7	15	2	07	1.0		04.0	B	20.40	B	18.04	E	13	F	0.35	06.1		
29	05	64	06.0	PA	0001	37	00.5	76	29.0	9		7	15	2	07	1.0		05.0	B	20.40	B	18.52	E	13	F	0.27	06.1		
29	05	64	06.0	PA	0001	37	00.5	76	29.0	9		7	15	2	07	1.0		06.0	B	20.44	B	18.56	E	13	F	0.27	06.1		
29	05	64	06.0	PA	0001	37	00.5	76	29.0	9		7	15	2	07	1.0		08.0	B	20.40	B	18.72	E	13	F	0.27	06.1		
29	05	64	06.0	PA	0001	37	00.5	76	29.0	9		7	15	2	07	1.0		08.0					E	30	F	0.15	06.8		
29	05	64	06.0	PA	0001	37	00.5	76	29.0	9		7	15	2	07	1.0		09.3			B	17.97	E	13	F	0.15	06.1		
29	05	64	07.0	PA	0001	37	00.5	76	29.0	9		8	15	2	07	0.8		00.0	B	20.52	B	13.51	E	11	D	0.12	07.1		
29	05	64	07.0	PA	0001	37	00.5	76	29.0	9		8	15	2	07	0.8		00.0					E	29	D	0.11	07.5		
29	05	64	07.0	PA	0001	37	00.5	76	29.0	9		8	15	2	07	0.8		02.0	B	20.76	B	13.82	E	11	F	0.14	07.3		
29	05	64	07.0	PA	0001	37	00.5	76	29.0	9		8	15	2	07	0.8		02.0					E	29	F	0.07	07.6		
29	05	64	07.0	PA	0001	37	00.5	76	29.0	9		8	15	2	07	0.8		04.0	B	20.72	B	16.02	E	11	F	0.07	07.3		
29	05	64	07.0	PA	0001	37	00.5	76	29.0	9		8	15	2	07	0.8		05.0	B	20.56	B	16.04	E	30	F	0.20	07.4		
29	05	64	07.0	PA	0001	37	00.5	76	29.0	9		8	15	2	07	0.8		06.0	B	20.56	B	17.24	E	30	F	0.27	07.4		
29	05	64	07.0	PA	0001	37	00.5	76	29.0	9		8	15	2	07	0.8		08.0	B	20.40	B	18.00	E	30	F	0.27	07.4		
29	05	64	07.0	PA	0001	37	00.5	76	29.0	9		8	15	2	07	0.8		08.0					E	29	F	0.30	07.6		
29	05	64	07.0	PA	0001	37	00.5	76	29.0	9		8	15	2	07	0.8		09.5	B	20.24	B	18.04	E	30	F	0.27	07.4		
29	05	64	08.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.8		00.0	B	20.80	B	13.67	E	32	D	0.23	08.2		
29	05	64	08.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.8		00.0					E	32	D	0.32	08.8		
29	05	64	08.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.8		02.0	B	20.96	B	14.41	E	32	F	0.20	08.3		
29	05	64	08.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.8		02.0					E	32	F	0.27	08.8		
29	05	64	08.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.8		04.0	B	20.88	B	15.02	E	32	F	0.36	08.3		
29	05	64	08.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.8		05.0	B	20.72	B	16.94	E	32	F	0.41	08.3		
29	05	64	08.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.8		06.0	B	20.52	B	18.26	E	32	F	0.40	08.3		
29	05	64	08.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.8		08.0	B	20.44	B	18.30	E	32	F	0.40	08.3		
29	05	64	08.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.8		08.0					E	32	F	0.47	08.8		
29	05	64	08.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.8		10.2	B	20.36	B	18.07	E	32		*	*		
29	05	64	09.0	PA	0001	37	00.5	76	29.0	9		1	17	5	03	0.9		00.0	B	21.08	B	13.42	E	31	D	0.18	09.2		
29	05	64	09.0	PA	0001	37	00.5	76	29.0	9		1	17	5	03	0.9		00.0					E	32	D	0.23	09.7		
29	05	64	09.0	PA	0001	37	00.5	76	29.0	9		1	17	5	03	0.9		02.0	B	20.88	B	14.16	E	31	F	0.38	09.2		
29	05	64	09.0	PA	0001	37	00.5	76	29.0	9		1	17	5	03	0.9		02.0					E	32	F	0.52	09.7		
29	05	64	09.0	PA	0001	37	00.5	76	29.0	9		1	17	5	03	0.9		04.0	B	20.84	B	16.56	E	31	F	0.74	09.3		
29	05	64	09.0	PA	0001	37	00.5	76	29.0	9		1	17	5	03	0.9		05.0	B	20.56	B	18.36	E	31	F	0.52	09.3		
29	05	64	09.0	PA	0001	37	00.5	76	29.0	9		1	17	5	03	0.9		06.0	B	20.52	B	18.64	E	31	F	0.55	09.3		
29	05	64	09.0	PA	0001	37	00.5	76	29.0	9		1	17	5	03	0.9		08.0	B	20.56	B	18.96	E	31	F	0.44	09.3		
29	05	64	09.0	PA	0001	37	00.5	76	29.0	9		1	17	5	03	0.9		08.0					E	32	F	0.55	09.7		
29	05	64	09.0	PA	0001	37	00.5	76	29.0	9		1	17	5	03	0.9		09.4	B	20.48	B	18.92	E	31	F	0.44	09.3		
29	05	64	10.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.9		00.0	B	21.12	B	13.00	E	31	D	0.44	10.2		
29	05	64	10.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.9		00.0					E	29	D	0.59	10.7		
29	05	64	10.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.9		02.0	B	20.96	B	13.48	E	31	F	0.59	10.2		
29	05	64	10.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.9		02.0					E	28	F	0.69	10.6		
29	05	64	10.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.9		04.0	B	20.68	B	16.52	E	31	F	0.75	10.2		
29	05	64	10.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.9		05.0	B	20.36	B	17.68	E	31	F	0.67	10.3		
29	05	64	10.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.9		06.0	B	20.32	B	17.80	E	31	F	0.61	10.3		
29	05	64	10.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.9		08.0	B	20.23	B	17.92	E	31	F	0.55	10.3		
29	05	64	10.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.9		08.0					E	28	F	0.55	10.7		
29	05	64	10.0	PA	0001	37	00.5	76	29.0	10		7	16	*5	02	0.9		10.2	B	20.36	B	18.01	E	31	F	0.50	10.3		
29	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	18	*4	06	1.0		00.0	B	20.84	B	15.24	E	30	D	0.68	11.1		
29	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	18	*4	06	1.0		02.0	B	20.44	B	17.60	E	30	F	0.67	11.1		
29	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	18	*4	06	1.0		04.0	B	20.24	B	19.12	E	30	F	0.57	11.1		
29	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	18	*4	06	1.0		05.0	B	20.32	B	19.12	E	30	F	0.59	11.2		
29	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	18	*4	06	1.0		06.0	B	20.32	B	19.28	E	30	F	0.57	11.2		
29	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	18	*4	06	1.0		08.0	B	20.32	B	19.24	E	30	F	0.55	11.2		
29	05	64	11.0	PA	0001	37	00.5	76	29.0	10		2	18	*4	06	1.0		09.7	B	20.32	B	18.34	E	30	F	0.50	11.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
28	05	64	09.0	OB	0001	36	59.5	76	30.2	2		1	20	9	04			00.0	J	22.17	A	11.96	E	31	D	0.27	09.3		
28	05	64	09.0	OB	0001	36	59.5	76	30.2	2		1	20	9	04			02.0	J	22.00	A	13.20		*	F	0.22	09.3		
28	05	64	09.5	OB	0001	36	59.5	76	30.2	2		1	21	9	05	0.5		00.0	J	22.03	A	12.35	E	31	D	0.25	09.5		
28	05	64	09.5	OB	0001	36	59.5	76	30.2	2		1	21	9	05	0.5		02.0	J	21.97	A	12.86		*	F	0.25	09.5		
28	05	64	10.0	OB	0001	36	59.5	76	30.2	*2		1	20	11	05	0.5		00.0	J	22.10	A	12.39	E	31	D	0.21	10.1		
28	05	64	10.0	OB	0001	36	59.5	76	30.2	*2		1	20	11	05	0.5		02.0	J	21.93	A	13.10		*	F	0.24	10.1		
28	05	64	10.5	OB	0001	36	59.5	76	30.2	*2		*	20	11	05	0.5		00.0	J	22.53	A	12.43	E	31	D	0.10	10.5		
28	05	64	10.5	OB	0001	36	59.5	76	30.2	*2		*	20	11	05	0.5		02.0	J	22.37	A	13.22		*	F	0.20	10.5		
28	05	64	11.0	OB	0001	36	59.5	76	30.2	*2		1	20	11	05	0.5		00.0	J	22.33	A	12.84	E	32	D	0.12	11.1		
28	05	64	11.0	OB	0001	36	59.5	76	30.2	*2		1	20	11	05	0.5		02.0	J	22.46	A	13.81		*	F	0.19	11.1		
28	05	64	11.5	OB	0001	36	59.5	76	30.2	2		*			*	0.4		00.0	J	22.57	A	13.49	E	27	D	0.09	11.6		
28	05	64	11.5	OB	0001	36	59.5	76	30.2	2		*			*	0.4		02.0	J	22.57	A	13.93		*	F	0.28	11.6		
28	05	64	12.0	OB	0001	36	59.5	76	30.2	*2		4	21	17	07			00.0	J	22.50	A	13.69		*	D	0.00	12.1		
28	05	64	12.0	OB	0001	36	59.5	76	30.2	*2		4	21	17	07			02.0	J	21.90	A	14.29		*	F	0.12	12.1		
28	05	64	12.5	OB	0001	36	59.5	76	30.2	*2		5	21	18	04			00.0	J	22.46	A	13.75	E	10	D	0.14	12.6		
28	05	64	12.5	OB	0001	36	59.5	76	30.2	*2		5	21	18	04			02.0	J	21.97	A	14.89		*	F	0.10	12.6		
28	05	64	14.0	OB	0001	36	59.5	76	30.2	*3		*	17	16	02			00.0	J	22.20	A	13.32	E	12	D	0.50	14.0		
28	05	64	14.0	OB	0001	36	59.5	76	30.2	*3		*	17	16	02			02.0	J	21.70			E	12	F	0.17	14.1		
28	05	64	14.0	OB	0001	36	59.5	76	30.2	*3		*	17	16	02			03.0	J	21.64	A	16.59		*		*	*		
28	05	64	14.5	OB	0001	36	59.5	76	30.2	2		*	17		00			00.0	J	22.57	A	12.59	E	12	D	0.69	14.5		
28	05	64	14.5	OB	0001	36	59.5	76	30.2	2		*	17		00			02.0	J	21.80	A	15.86	E	12	F	0.24	14.6		
28	05	64	15.0	OB	0001	36	59.5	76	30.2	2		*	17		00			00.0	J	22.33	A	12.28		*		*	15.2		
28	05	64	15.0	OB	0001	36	59.5	76	30.2	2		*	17		00			02.0	J	21.57	A	14.54	E	12	F	0.25	15.2		
28	05	64	15.5	OB	0001	36	59.5	76	30.2	2		*	17		00			00.0	J	22.33	A	11.76		*		*	15.6		
28	05	64	15.5	OB	0001	36	59.5	76	30.2	2		*	17		00			02.0	J	22.53	A	13.54	E	12	F	0.25	15.6		
28	05	64	16.0	OB	0001	36	59.5	76	30.2	2		*	19		00			00.0	J	22.57	A	12.33	E	12	D	0.66	16.2		
28	05	64	16.0	OB	0001	36	59.5	76	30.2	2		*	19		00			02.0	J	22.53	A	13.28	E	12	F	0.25	16.2		
28	05	64	16.5	OB	0001	36	59.5	76	30.2	2		*	19		00			00.0	J	22.80	A	11.93	E	12	D	0.54	16.7		
28	05	64	16.5	OB	0001	36	59.5	76	30.2	2		*	19		00			02.0	J	21.93	A	12.89	E	12	F	0.14	16.6		
28	05	64	17.0	OB	0001	36	59.5	76	30.2	2		*	19		00			00.0	J	22.43	A	11.74	E	12	D	0.47	17.1		
28	05	64	17.0	OB	0001	36	59.5	76	30.2	2		*	19		00			02.0	J	22.33	A	12.48	E	12	F	0.14	17.1		
28	05	64	17.5	OB	0001	36	59.5	76	30.2	2		*	18		00			00.0	J	22.46	A	11.42	E	13	D	0.40	17.6		
28	05	64	17.5	OB	0001	36	59.5	76	30.2	2		*	18		00			02.0	J	22.40	A	12.06	E	13	F	0.10	17.6		
28	05	64	18.0	OB	0001	36	59.5	76	30.2	2		*	18	4	02			00.0	J	22.43	A	11.19	E	13	D	0.28	18.1		
28	05	64	18.0	OB	0001	36	59.5	76	30.2	2		*	18	4	02			02.0	J	22.43	A	11.90	E	13	F	0.10	18.2		
28	05	64	18.5	OB	0001	36	59.5	76	30.2	2		*			*			00.0	J	22.03	A	10.96		*	D	0.25	18.5		
28	05	64	18.5	OB	0001	36	59.5	76	30.2	2		*			*			02.0	J	22.13	A	11.93		*	F	0.10	18.5		
28	05	64	21.0	OB	0001	36	59.5	76	30.2	2		2	18	6	04			00.0	J	21.77	A	12.20	E	30	D	0.34	21.1		
28	05	64	21.0	OB	0001	36	59.5	76	30.2	2		2	18	6	04			02.0	J	21.87	A	12.59		*	F	0.42	21.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
28	05	64	21.5	OB	0001	36	59.5	76	30.2	2		2	18	6	04			00.0	J	21.70	A	12.43	E	30	D	0.31	21.5		
28	05	64	21.5	OB	0001	36	59.5	76	30.2	2		2	18	6	04			02.0	J	21.77	A	13.05		*	F	0.20	21.5		
28	05	64	22.0	OB	0001	36	59.5	76	30.2	2		*	18	6	01			00.0	J	21.51	A	13.03	E	31	D	0.19	22.1		
28	05	64	22.0	OB	0001	36	59.5	76	30.2	2		*	18	6	01			02.0	J	21.74	A	13.31		*	F	0.23	22.1		
28	05	64	22.5	OB	0001	36	59.5	76	30.2	2		*	18	6	01			00.0	J	21.54	A	13.49	E	32	D	0.31	22.5		
28	05	64	22.5	OB	0001	36	59.5	76	30.2	2		*	18	6	01			02.0	J	21.67	A	13.74		*	F	0.24	22.5		
28	05	64	23.0	OB	0001	36	59.5	76	30.2	2		3	17	5	04			00.0	J	21.54	A	13.99	E	30	D	0.19	23.1		
28	05	64	23.0	OB	0001	36	59.5	76	30.2	2		3	17	5	04			02.0	J	21.54	A	14.00		*	F	0.16	23.1		
28	05	64	23.5	OB	0001	36	59.5	76	30.2	2		*	17	5	04			00.0	J	21.51	A	13.87	E	30	D	0.12	23.6		
28	05	64	23.5	OB	0001	36	59.5	76	30.2	2		*	17	5	04			02.0	J	21.61	A	14.01		*	F	0.14	23.6		
29	05	64	04.0	OB	0001	36	59.5	76	30.2	*2		*	15	36	07			00.0	J	20.75	A	12.93	E	18	D	0.76	04.2		
29	05	64	04.0	OB	0001	36	59.5	76	30.2	*2		*	15	36	07			02.0	J	22.03	A	13.23		*	F	0.50	04.2		
29	05	64	04.5	OB	0001	36	59.5	76	30.2	*2		*	15	36	07			00.0	J	21.87	A	12.55	E	14	D	0.51	04.6		
29	05	64	04.5	OB	0001	36	59.5	76	30.2	*2		*	15	36	07			02.0	J	21.97	A	12.50		*	F	0.67	04.6		
29	05	64	05.0	OB	0001	36	59.5	76	30.2	2		*	15	2	07			00.0	J	21.90	A	11.90	E	18	D	0.44	05.1		
29	05	64	05.0	OB	0001	36	59.5	76	30.2	2		*	15	2	07			02.0	J	21.97	A	11.87		*	F	0.61	05.1		
29	05	64	05.5	OB	0001	36	59.5	76	30.2	2		*	15	2	07			00.0	J	21.84	A	11.23	E	18	D	0.34	05.7		
29	05	64	05.5	OB	0001	36	59.5	76	30.2	2		*	15	2	07			02.0	J	21.84	A	11.21		*	F	0.35	05.7		
29	05	64	06.0	OB	0001	36	59.5	76	30.2	2		8	15	2	07			00.0	J	21.67	A	10.95	E	14	D	0.34	06.1		
29	05	64	06.0	OB	0001	36	59.5	76	30.2	2		8	15	2	07			02.0	J	21.77	A	10.96		*	F	0.27	06.1		
29	05	64	06.5	OB	0001	36	59.5	76	30.2	2		*	15	2	07			00.0			A	10.59	E	14	D	0.17	06.6		
29	05	64	06.5	OB	0001	36	59.5	76	30.2	2		*	15	2	07			02.0			A	10.60		*	F	0.22	66.		
28	05	64	09.0	HO	0001	37	00.2	76	29.5	9		1			*	0.8		00.0	B	21.88	B	12.20	E	04	D	0.17	*		
28	05	64	09.0	HO	0001	37	00.2	76	29.5	9		1			*	0.8		00.6	B	22.04	B	13.44	E	04	F	0.00	*		
28	05	64	09.0	HO	0001	37	00.2	76	29.5	9		1			*	0.8		01.2	B	21.72	B	14.20		*		*	*		
28	05	64	09.0	HO	0001	37	00.2	76	29.5	9		1			*	0.8		01.8	B	21.32	B	16.76		*		*	*		
28	05	64	09.0	HO	0001	37	00.2	76	29.5	9		1			*	0.8		02.4	B	21.28	B	16.92		*		*	*		
28	05	64	09.0	HO	0001	37	00.2	76	29.5	9		1			*	0.8		02.7	B	21.24	B	16.88		*		*	*		
28	05	64	09.5	HO	0001	37	00.2	76	29.5	12		1	21	*9	05	0.8		00.0	B	21.92	B	12.88	E	33	D	0.49	*		
28	05	64	09.5	HO	0001	37	00.2	76	29.5	12		1	21	*9	05	0.8		03.0	B	21.08	B	17.28		*	F	0.69	*		
28	05	64	09.5	HO	0001	37	00.2	76	29.5	12		1	21	*9	05	0.8		00.6	B	21.92	B	13.00		*	F	0.57	09.6		
28	05	64	09.5	HO	0001	37	00.2	76	29.5	12		1	21	*9	05	0.8		01.2	B	21.92	B	13.12		*	F	0.59	*		
28	05	64	09.5	HO	0001	37	00.2	76	29.5	12		1	21	*9	05	0.8		01.8	B	21.76	B	13.56		*	F	0.63	*		
28	05	64	09.5	HO	0001	37	00.2	76	29.5	12		1	21	*9	05	0.8		02.4	B	21.56	B	14.44		*	F	0.63	*		
28	05	64	09.5	HO	0001	37	00.2	76	29.5	12		1	21	*9	05	0.8		03.7	B	21.00	B	17.48		*	F	0.55	09.7		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	12		1	20	11	05	0.8		00.0	B	21.92	B	13.04	E	31	D	0.42	10.2		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	12		1	20	11	05	0.8		00.6	B	21.84	B	13.16		*	F	0.61	10.1		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	12		1	20	11	05	0.8		01.2	B	21.76	B	13.44		*	F	0.69	*		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	12		1	20	11	05	0.8		01.8	B	21.60	B	14.28		*	F	0.61	*		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	12		1	20	11	05	0.8		02.4	B	21.36	B	16.12		*	F	0.59	*		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	12		1	20	11	05	0.8		03.0	B	21.08	B	16.76		*	F	0.52	*		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	12		1	20	11	05	0.8		03.7	B	20.96	B	17.28		*	F	0.50	10.2		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	*		*	20	11	05			00.0	J	22.07	A	12.71	E	34	D	0.44	*		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	*		*	20	11	05			02.0	J	22.03			E	34	F	0.10	*		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	*		*	20	11	05			04.0	J	21.80	A	14.02		*		*	*		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	*		*	20	11	05			05.0	J	21.74				*		*	*		
28	05	64	10.0	HO	0001	37	00.2	76	29.5	*		*	20	11	05			06.0	J	21.61	A	14.54		*		*	*		

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH	TIDAL CURRENT	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY	SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M	CODE	°C	DIRECTION CODE	VELOCITY M/SEC.	M	M	INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
28	05	64	10.5	HO	0001	37	00.2	76	29.5	12	2	20	12	05	0.8	00.0	B	21.88	B	13.56	E	31	D	0.49	10.8
28	05	64	10.5	HO	0001	37	00.2	76	29.5	12	2	20	12	05	0.8	00.6	B	21.64	B	13.84		*	F	0.69	10.6
28	05	64	10.5	HO	0001	37	00.2	76	29.5	12	2	20	12	05	0.8	01.2	B	21.68	B	13.84		*	F	0.74	*
28	05	64	10.5	HO	0001	37	00.2	76	29.5	12	2	20	12	05	0.8	01.8	B	20.52	B	14.04		*	F	0.67	*
28	05	64	10.5	HO	0001	37	00.2	76	29.5	12	2	20	12	05	0.8	02.4	B	20.48	B	14.60		*	F	0.44	*
28	05	64	10.5	HO	0001	37	00.2	76	29.5	12	2	20	12	05	0.8	03.0	B	21.00	B	17.28		*	F	0.47	*
28	05	64	10.5	HO	0001	37	00.2	76	29.5	12	2	20	12	05	0.8	03.7	B	20.88	B	17.56		*	F	0.47	10.7
28	05	64	11.0	HO	0001	37	00.2	76	29.5	12	*	20	11	05	0.8	00.0	B	21.44	B	14.16	E	31	D	0.44	11.3
28	05	64	11.0	HO	0001	37	00.2	76	29.5	12	*	20	11	05	0.8	00.6	B	21.48	B	14.12		*	F	0.61	11.1
28	05	64	11.0	HO	0001	37	00.2	76	29.5	12	*	20	11	05	0.8	01.2	B	21.52	B	14.16		*	F	0.63	*
28	05	64	11.0	HO	0001	37	00.2	76	29.5	12	*	20	11	05	0.8	01.8	B	21.48	B	14.24		*	F	0.59	*
28	05	64	11.0	HO	0001	37	00.2	76	29.5	12	*	20	11	05	0.8	02.4	B	21.44	B	14.64		*	F	0.44	*
28	05	64	11.0	HO	0001	37	00.2	76	29.5	12	*	20	11	05	0.8	03.0	B	21.00	B	16.36		*	F	0.44	*
28	05	64	11.0	HO	0001	37	00.2	76	29.5	12	*	20	11	05	0.8	03.7	B	20.88	B	17.24		*	F	0.47	11.2
28	05	64	11.6	HO	0001	37	00.2	76	29.5	12	3		13	*	0.8	00.0	B	21.60	B	14.88	E	32	D	0.30	11.8
28	05	64	11.6	HO	0001	37	00.2	76	29.5	12	3		13	*	0.8	01.8	B	21.48	B	14.92		*	F	0.38	11.7
28	05	64	11.6	HO	0001	37	00.2	76	29.5	12	3		13	*	0.8	03.6	B	20.84	B	17.72		*	F	0.42	*
28	05	64	11.6	HO	0001	37	00.2	76	29.5	12	3		13	*	0.8	05.1	B	19.52	B	19.56		*	F	0.38	11.8
28	05	64	12.0	HO	0001	37	00.2	76	29.5	*6	3	21	17	07	0.8	00.0	B	21.16	B	14.80	E	35	D	0.14	*
28	05	64	12.0	HO	0001	37	00.2	76	29.5	*6	3	21	17	07	0.8	02.0	B	21.20	B	14.96		*	F	0.31	12.2
28	05	64	12.0	HO	0001	37	00.2	76	29.5	*6	3	21	17	07	0.8	04.0	B	20.36	B	18.32		*	F	0.38	*
28	05	64	12.0	HO	0001	37	00.2	76	29.5	*6	3	21	17	07	0.8	05.1	B	20.00	B	18.88	E	32	F	0.31	12.2
28	05	64	12.5	HO	0001	37	00.2	76	29.5	*6	4	21	17	04	0.8	00.0	B	20.92	B	14.60		*	D	0.00	12.6
28	05	64	12.5	HO	0001	37	00.2	76	29.5	*6	4	21	17	04	0.8	02.0	B	20.44	B	17.52		*	F	0.00	12.6
28	05	64	12.5	HO	0001	37	00.2	76	29.5	*6	4	21	17	04	0.8	04.0	B	20.16	B	18.24		*	F	0.00	12.6
28	05	64	12.5	HO	0001	37	00.2	76	29.5	*6	4	21	17	04	0.8	05.1	B	19.52	B	19.84		*	F	0.00	12.6
28	05	64	14.0	HO	0001	37	00.2	76	29.5	*6	5	17	18	01	0.8	00.0	B	21.08	B	14.12	E	16	D	0.43	14.2
28	05	64	14.0	HO	0001	37	00.2	76	29.5	*6	5	17	18	01	0.8	02.0	B	21.20	B	14.12	E	16	F	0.61	14.2
28	05	64	14.0	HO	0001	37	00.2	76	29.5	*6	5	17	18	01	0.8	04.0	B	20.64	B	17.28	E	16	F	0.43	14.2
28	05	64	14.0	HO	0001	37	00.2	76	29.5	*6	5	17	18	01	0.8	05.0	B	20.32	B	18.72	E	16	F	0.40	14.2
28	05	64	14.0	HO	0001	37	00.2	76	29.5	*6	5	17	18	01	0.8	06.0	B	19.84	B	19.64	E	16	F	0.35	14.2
28	05	64	15.0	HO	0001	37	00.2	76	29.5	6	6	17		00	0.8	00.0	B	20.80	B	13.84	E	14	D	0.54	15.2
28	05	64	15.0	HO	0001	37	00.2	76	29.5	6	6	17		00	0.8	02.0	B	21.24	B	14.28	E	14	F	0.72	15.2
28	05	64	15.0	HO	0001	37	00.2	76	29.5	6	6	17		00	0.8	04.0	B	21.24	B	15.16	E	14	F	0.72	15.2
28	05	64	15.0	HO	0001	37	00.2	76	29.5	6	6	17		00	0.8	05.0	B	20.72	B	17.28	E	14	F	0.50	15.2
28	05	64	15.0	HO	0001	37	00.2	76	29.5	6	6	17		00	0.8	06.0	B	20.32	B	18.80	E	14	F	0.48	15.2
28	05	64	15.5	HO	0001	37	00.2	76	29.5		6	17		00	0.8	00.0	B	21.36	B	13.44	E	14	D	0.61	15.7
28	05	64	15.5	HO	0001	37	00.2	76	29.5		6	17		00	0.8	02.0	B	21.48	B	13.88	E	14	F	0.94	15.6
28	05	64	15.5	HO	0001	37	00.2	76	29.5		6	17		00	0.8	04.0	B	21.56	B	14.24	E	14	F	0.77	15.6
28	05	64	15.5	HO	0001	37	00.2	76	29.5		6	17		00	0.8	05.0	B	20.76	B	18.00	E	14	F	0.63	15.6
28	05	64	15.5	HO	0001	37	00.2	76	29.5		6	17		00	0.8	06.0	B	20.48	B	18.36	E	14	F	0.47	15.6
28	05	64	16.0	HO	0001	37	00.2	76	29.5	6	6	19		00	1.0	00.0	B	21.28	B	13.16	E	14	D	0.76	16.3
28	05	64	16.0	HO	0001	37	00.2	76	29.5	6	6	19		00	1.0	02.0	B	21.64	B	13.28	E	14	F	0.90	16.3
28	05	64	16.0	HO	0001	37	00.2	76	29.5	6	6	19		00	1.0	04.0	B	21.28	B	15.44	E	14	F	0.59	16.3
28	05	64	16.0	HO	0001	37	00.2	76	29.5	6	6	19		00	1.0	05.0	B	21.04	B	17.52	E	14	F	0.44	16.3
28	05	64	16.5	HO	0001	37	00.2	76	29.5		*	19		00	1.0	00.0	B	21.16	B	12.28	E	14	D	0.76	16.8
28	05	64	16.5	HO	0001	37	00.2	76	29.5		*	19		00	1.0	02.0	B	21.76	B	13.20	E	14	F	0.90	16.8
28	05	64	16.5	HO	0001	37	00.2	76	29.5		*	19		00	1.0	04.0	B	21.72	B	13.24	E	14	F	0.63	16.8
28	05	64	16.5	HO	0001	37	00.2	76	29.5		*	19		00	1.0	05.0	B	21.16	B	16.96	E	14	F	0.61	16.8
28	05	64	17.5	HO	0001	37	00.2	76	29.5		7	18		00	1.0	00.0	B	21.36	B	11.64	E	14	D	0.61	17.5
28	05	64	17.5	HO	0001	37	00.2	76	29.5		7	18		00	1.0	02.0	B	21.76	B	13.24	E	14	F	0.81	17.5
28	05	64	17.5	HO	0001	37	00.2	76	29.5		7	18		00	1.0	04.0	B	21.52	B	14.48	E	14	F	0.52	17.5
28	05	64	17.5	HO	0001	37	00.2	76	29.5		7	18		00	1.0	05.0	B	21.36	B	15.32	E	14	F	0.38	17.5
28	05	64	18.0	HO	0001	37	00.2	76	29.5	6	7	18	4	02	1.1	00.0	B	20.80	B	10.80	E	14	D	0.52	18.2
28	05	64	18.0	HO	0001	37	00.2	76	29.5	6	7	18	4	02	1.1	02.0	B	21.44	B	12.64	E	14	F	0.47	18.2
28	05	64	18.0	HO	0001	37	00.2	76	29.5	6	7	18	4	02	1.1	04.0	B	21.24	B	14.64	E	14	F	0.38	18.2
28	05	64	18.0	HO	0001	37	00.2	76	29.5	6	7	18	4	02	1.1	05.0	B	21.28	B	14.64	E	14	F	0.38	18.2

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
28	05	64	20.5	HO	0001	37	00.2	76	29.5	6		2	17	4	02			00.0	B	21.28	B	11.72	E	30	D	0.59	20.7	
28	05	64	20.5	HO	0001	37	00.2	76	29.5	6		2	17	4	02			02.0	B	21.48	B	11.96		*	F	0.55	20.6	
28	05	64	20.5	HO	0001	37	00.2	76	29.5	6		2	17	4	02			04.0	B	21.32	B	12.96		*	F	0.72	*	
28	05	64	20.5	HO	0001	37	00.2	76	29.5	6		2	17	4	02			05.0	B	21.36	B	13.16		*		*	*	
28	05	64	20.5	HO	0001	37	00.2	76	29.5	6		2	17	4	02			06.0	B	20.88	B	14.96		*	F	0.69	20.7	
28	05	64	21.0	HO	0001	37	00.2	76	29.5	6		2	18	6	04			00.0	B	20.84	B	12.56	E	32	D	0.57	21.3	
28	05	64	21.0	HO	0001	37	00.2	76	29.5	6		2	18	6	04			02.0	B	21.04	B	13.04		*	F	0.88	21.2	
28	05	64	21.0	HO	0001	37	00.2	76	29.5	6		2	18	6	04			04.0	B	20.88	B	14.28		*	F	0.75	*	
28	05	64	21.0	HO	0001	37	00.2	76	29.5	6		2	18	6	04			05.0	B	20.88	B	14.84		*		*	*	
28	05	64	21.0	HO	0001	37	00.2	76	29.5	6		2	18	6	04			06.0	B	20.56	B	16.08		*	F	0.44	21.2	
28	05	64	21.5	HO	0001	37	00.2	76	29.5	6		2	18	6	04			00.0	B	20.68	B	13.48	E	30	D	0.73	21.7	
28	05	64	21.5	HO	0001	37	00.2	76	29.5	6		2	18	6	04			02.0	B	20.84	B	14.04		*	F	0.88	21.6	
28	05	64	21.5	HO	0001	37	00.2	76	29.5	6		2	18	6	04			04.0	B	20.80	B	15.52		*	F	0.79	*	
28	05	64	21.5	HO	0001	37	00.2	76	29.5	6		2	18	6	04			05.0	B	20.56	B	16.48		*		*	*	
28	05	64	21.5	HO	0001	37	00.2	76	29.5	6		2	18	6	04			06.0	B	20.48	B	16.92		*	F	0.63	21.7	
28	05	64	22.0	HO	0001	37	00.2	76	29.5	6		2	18	6	01			00.0	B	20.72	B	13.96	E	30	D	0.80	22.1	
28	05	64	22.0	HO	0001	37	00.2	76	29.5	6		2	18	6	01			02.0	B	20.84	B	13.80		*	F	0.84	22.1	
28	05	64	22.0	HO	0001	37	00.2	76	29.5	6		2	18	6	01			04.0	B	20.80	B	15.68		*	F	0.77	*	
28	05	64	22.0	HO	0001	37	00.2	76	29.5	6		2	18	6	01			05.0	B	20.48	B	16.28		*		*	*	
28	05	64	22.0	HO	0001	37	00.2	76	29.5	6		2	18	6	01			06.0	B	20.44	B	16.96	E	27	F	0.74	22.2	
28	05	64	22.5	HO	0001	37	00.2	76	29.5	6		3	18	6	01			00.0	B	20.48	B	14.68	E	30	D	0.80	22.6	
28	05	64	22.5	HO	0001	37	00.2	76	29.5	6		3	18	6	01			02.0	B	20.40	B	16.24		*	F	0.75	22.6	
28	05	64	22.5	HO	0001	37	00.2	76	29.5	6		3	18	6	01			04.0	B	20.12	B	17.92		*	F	0.74	*	
28	05	64	22.5	HO	0001	37	00.2	76	29.5	6		3	18	6	01			05.0	B	19.96	B	18.00		*		*	*	
28	05	64	22.5	HO	0001	37	00.2	76	29.5	6		3	18	6	01			06.0	B	19.96	B	18.16	E	27	F	0.59	22.7	
28	05	64	23.0	HO	0001	37	00.2	76	29.5	*		3	17	36	04			00.0	B	20.44	B	15.28	E	30	D	0.73	23.2	
28	05	64	23.0	HO	0001	37	00.2	76	29.5	*		3	17	36	04			02.0	B	20.60	B	16.40	E	30	F	0.72	23.1	
28	05	64	23.0	HO	0001	37	00.2	76	29.5	*		3	17	36	04			04.0	B	20.16	B	18.28		*	F	0.65	*	
28	05	64	23.0	HO	0001	37	00.2	76	29.5	*		3	17	36	04			05.0	B	20.04	B	18.20		*		*	*	
28	05	64	23.0	HO	0001	37	00.2	76	29.5	*		3	17	36	04			06.0	B	19.96	B	18.28	E	27	F	0.59	23.2	
28	05	64	23.7	HO	0001	37	00.2	76	29.5	6		3	17	5	04			00.0	B	20.08	B	15.96	E	30	D	0.33	23.9	
28	05	64	23.7	HO	0001	37	00.2	76	29.5	6		3	17	5	04			02.0	B	19.96	B	17.88		*	F	0.55	23.8	
28	05	64	23.7	HO	0001	37	00.2	76	29.5	6		3	17	5	04			04.0	B	19.60	B	18.56		*	F	0.47	*	
28	05	64	23.7	HO	0001	37	00.2	76	29.5	6		3	17	5	04			05.0	B	19.68	B	18.64		*		*	*	
28	05	64	23.7	HO	0001	37	00.2	76	29.5	6		3	17	5	04			06.0	B	19.68	B	18.72	E	27	F	0.44	23.9	
29	05	64	08.0	HO	0001	37	00.2	76	29.5	6		*	16	5	02			00.0	J	21.77			E	00	D	0.00	*	
29	05	64	08.0	HO	0001	37	00.2	76	29.5	6		*	16	5	02			02.0	J	21.80			E	00	F	0.00	*	
29	05	64	08.0	HO	0001	37	00.2	76	29.5	6		*	16	5	02			04.0	J	21.97	A	12.76		*		*	*	
29	05	64	08.0	HO	0001	37	00.2	76	29.5	6		*	16	5	02			05.0	J	21.90				*		*	*	
29	05	64	08.0	HO	0001	37	00.2	76	29.5	6		*	16	5	02			06.0	J	21.77				*		*	*	
29	05	64	09.0	HO	0001	37	00.2	76	29.5	6		*	17	5	03			00.0	J	21.93	A	12.56		*	D	0.00	*	
29	05	64	09.0	HO	0001	37	00.2	76	29.5	6		*	17	5	03			02.0	J	21.87				*	F	0.00	*	
29	05	64	09.0	HO	0001	37	00.2	76	29.5	6		*	17	5	03			04.0	J	21.67	A	12.98		*		*	*	
29	05	64	09.0	HO	0001	37	00.2	76	29.5	6		*	17	5	03			05.0	J	21.61				*		*	*	
29	05	64	09.0	HO	0001	37	00.2	76	29.5	6		*	17	5	03			06.0	J	21.41	A	13.87		*		*	*	
29	05	64	11.0	HO	0001	37	00.2	76	29.5			*	18	4	06			00.0	J	21.97	A	13.87	E	34	D	0.71	*	
29	05	64	11.0	HO	0001	37	00.2	76	29.5			*	18	4	06			02.0	J	21.90				*		*	*	
29	05	64	11.0	HO	0001	37	00.2	76	29.5			*	18	4	06			04.0	J	21.64	A	16.86		*		*	*	
29	05	64	11.0	HO	0001	37	00.2	76	29.5			*	18	4	06			05.0	J	21.61				*		*	*	
29	05	64	11.0	HO	0001	37	00.2	76	29.5			*	18	4	06			06.0	J	21.54	A	17.04		*		*	*	

Cruise 0002

Stations:

59
60
58A
58B

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
16	06	64	11.1	LA	0002	37	03.1	76	34.7	*9	*	25	35	06		00.0	C	25.80	C	10.02		*	D	0.30	11.5
16	06	64	11.1	LA	0002	37	03.1	76	34.7	*9	*	25	35	06		02.0	C	25.70	C	10.33		*		*	*
16	06	64	11.1	LA	0002	37	03.1	76	34.7	*9	*	25	35	06		03.0	C	25.55	C	10.96		*		*	*
16	06	64	11.1	LA	0002	37	03.1	76	34.7	*9	*	25	35	06		04.0	C	25.50	C	11.02		*		*	*
16	06	64	11.1	LA	0002	37	03.1	76	34.7	*9	*	25	35	06		05.0	C	25.40	C	11.13		*		*	*
16	06	64	11.1	LA	0002	37	03.1	76	34.7	*9	*	25	35	06		07.0	C	25.35	C	11.23		*		*	*
16	06	64	11.1	LA	0002	37	03.1	76	34.7	*9	*	25	35	06		09.0	C	24.24	C	11.81		*		*	*
16	06	64	11.1	LA	0002	37	03.1	76	34.7	*9	*	25	35	06		09.5	C	25.08	C	12.03		*		*	*
16	06	64	11.6	LA	0002	37	03.1	76	34.7	8	*			*	0.9	00.0	C	25.85	C	9.84		*		*	*
16	06	64	11.6	LA	0002	37	03.1	76	34.7	8	*			*	0.9	02.0	C	25.65	C	10.62		*		*	*
16	06	64	11.6	LA	0002	37	03.1	76	34.7	8	*			*	0.9	03.0	C	25.60	C	10.73		*		*	*
16	06	64	11.6	LA	0002	37	03.1	76	34.7	8	*			*	0.9	04.0	C	25.50	C	11.07		*		*	*
16	06	64	11.6	LA	0002	37	03.1	76	34.7	8	*			*	0.9	05.0	C	25.50	C	11.15		*		*	*
16	06	64	11.6	LA	0002	37	03.1	76	34.7	8	*			*	0.9	07.0	C	25.30	C	11.22		*		*	*
16	06	64	11.6	LA	0002	37	03.1	76	34.7	8	*			*	0.9	08.2	C	25.05	C	12.40		*		*	*
16	06	64	12.5	LA	0002	37	03.1	76	34.7	75	8		*	*		00.0	C	25.90	C	10.51		*		*	*
16	06	64	12.5	LA	0002	37	03.1	76	34.7	75	8		*	*		02.0	C	25.80	C	10.60		*		*	*
16	06	64	12.5	LA	0002	37	03.1	76	34.7	75	8		*	*		03.0	C	25.80	C	10.74		*		*	*
16	06	64	12.5	LA	0002	37	03.1	76	34.7	75	8		*	*		04.0	C	25.80	C	11.02		*		*	*
16	06	64	12.5	LA	0002	37	03.1	76	34.7	75	8		*	*		05.0	C	25.55	C	11.59		*		*	*
16	06	64	12.5	LA	0002	37	03.1	76	34.7	75	8		*	*		07.0	C	25.30	C	11.91		*		*	*
16	06	64	12.5	LA	0002	37	03.1	76	34.7	75	8		*	*		07.5	C	25.20	C	12.19		*		*	*
16	06	64	13.0	LA	0002	37	03.1	76	34.7	9	1	28	1	01	0.9	00.0	C	25.90	C	11.59		*		*	*
16	06	64	13.0	LA	0002	37	03.1	76	34.7	9	1	28	1	01	0.9	02.0	C	25.65	C	11.70		*		*	*
16	06	64	13.0	LA	0002	37	03.1	76	34.7	9	1	28	1	01	0.9	03.0	C	25.55	C	11.82		*		*	*
16	06	64	13.0	LA	0002	37	03.1	76	34.7	9	1	28	1	01	0.9	04.0	C	25.50	C	11.84		*		*	*
16	06	64	13.0	LA	0002	37	03.1	76	34.7	9	1	28	1	01	0.9	05.0	C	25.45	C	11.85		*		*	*
16	06	64	13.0	LA	0002	37	03.1	76	34.7	9	1	28	1	01	0.9	07.0	C	25.30	C	12.04		*		*	*
16	06	64	13.0	LA	0002	37	03.1	76	34.7	9	1	28	1	01	0.9	08.5	C	24.65	C	14.81		*		*	*
16	06	64	13.5	LA	0002	37	03.1	76	34.7	11	1		*	*		00.0	C	25.90	C	12.14	L	30	D	0.50	13.6
16	06	64	13.5	LA	0002	37	03.1	76	34.7	11	1		*	*		02.0	C	25.80	C	12.13		*		*	*
16	06	64	13.5	LA	0002	37	03.1	76	34.7	11	1		*	*		03.0	C	25.80	C	12.16		*		*	*
16	06	64	13.5	LA	0002	37	03.1	76	34.7	11	1		*	*		04.0	C	25.80	C	12.16		*		*	*
16	06	64	13.5	LA	0002	37	03.1	76	34.7	11	1		*	*		05.0	C	25.80	C	12.16		*		*	*
16	06	64	13.5	LA	0002	37	03.1	76	34.7	11	1		*	*		07.0	C	25.30	C	12.30		*		*	*
16	06	64	13.5	LA	0002	37	03.1	76	34.7	11	1		*	*		09.0	C	24.85	C	14.22		*		*	*
16	06	64	15.1	LA	0002	37	03.1	76	34.7	11	2	24	*6	09	0.9	00.0	C	25.82	C	12.89	L	28	D	0.60	15.3
16	06	64	15.1	LA	0002	37	03.1	76	34.7	11	2	24	*6	09	0.9	02.0	C	25.84	C	12.90		*		*	*
16	06	64	15.1	LA	0002	37	03.1	76	34.7	11	2	24	*6	09	0.9	03.0	C	25.50	C	13.00		*		*	*
16	06	64	15.1	LA	0002	37	03.1	76	34.7	11	2	24	*6	09	0.9	04.0	C	25.26	C	13.36		*		*	*
16	06	64	15.1	LA	0002	37	03.1	76	34.7	11	2	24	*6	09	0.9	05.0	C	25.16	C	13.64		*		*	*
16	06	64	15.1	LA	0002	37	03.1	76	34.7	11	2	24	*6	09	0.9	07.0	C	25.10	C	13.98		*		*	*
16	06	64	15.1	LA	0002	37	03.1	76	34.7	11	2	24	*6	09	0.9	09.0	C	24.76	C	15.46		*		*	*
16	06	64	15.1	LA	0002	37	03.1	76	34.7	11	2	24	*6	09	0.9	11.0	C	24.64	C	16.04		*		*	*
16	06	64	15.5	LA	0002	37	03.1	76	34.7	12	2		*	*		00.0	C	25.82	C	13.60	L	32	D	0.60	15.7
16	06	64	15.5	LA	0002	37	03.1	76	34.7	12	2		*	*		02.0	C	25.82	C	13.65		*		*	*
16	06	64	15.5	LA	0002	37	03.1	76	34.7	12	2		*	*		03.0	C	25.70	C	13.68		*		*	*
16	06	64	15.5	LA	0002	37	03.1	76	34.7	12	2		*	*		04.0	C	25.42	C	14.13		*		*	*
16	06	64	15.5	LA	0002	37	03.1	76	34.7	12	2		*	*		05.0	C	25.36	C	14.20		*		*	*
16	06	64	15.5	LA	0002	37	03.1	76	34.7	12	2		*	*		07.0	C	25.24	C	14.35		*		*	*
16	06	64	15.5	LA	0002	37	03.1	76	34.7	12	2		*	*		09.0	C	24.92	C	15.12		*		*	*
16	06	64	15.5	LA	0002	37	03.1	76	34.7	12	2		*	*		11.0	C	24.68	C	16.08		*		*	*
16	06	64	16.0	LA	0002	37	03.1	76	34.7	12	3	24	11	07	0.9	00.0	C	25.75	C	13.28	L	32	D	0.50	16.4
16	06	64	16.0	LA	0002	37	03.1	76	34.7	12	3	24	11	07	0.9	02.0	C	25.65	C	13.40		*		*	*
16	06	64	16.0	LA	0002	37	03.1	76	34.7	12	3	24	11	07	0.9	03.0	C	25.65	C	14.18		*		*	*
16	06	64	16.0	LA	0002	37	03.1	76	34.7	12	3	24	11	07	0.9	04.0	C	25.50	C	14.41		*		*	*
16	06	64	16.0	LA	0002	37	03.1	76	34.7	12	3	24	11	07	0.9	05.0	C	25.42	C	14.45		*		*	*
16	06	64	16.0	LA	0002	37	03.1	76	34.7	12	3	24	11	07	0.9	07.0	C	25.30	C	14.72		*		*	*
16	06	64	16.0	LA	0002	37	03.1	76	34.7	12	3	24	11	07	0.9	09.0	C	24.92	C	15.21		*		*	*
16	06	64	16.0	LA	0002	37	03.1	76	34.7	12	3	24	11	07	0.9	11.0	C	24.72	C	16.03		*		*	*
16	06	64	16.4	LA	0002	37	03.1	76	34.7	11	3		*	*		00.0	C	25.72	C	13.57	L	30	D	0.40	16.7
16	06	64	16.4	LA	0002	37	03.1	76	34.7	11	3		*	*		02.0	C	25.70	C	13.60		*		*	*
16	06	64	16.4	LA	0002	37	03.1	76	34.7	11	3		*	*		03.0	C	25.46	C	13.81		*		*	*
16	06	64	16.4	LA	0002	37	03.1	76	34.7	11	3		*	*		04.0	C	25.26	C	14.20		*		*	*
16	06	64	16.4	LA	0002	37	03.1	76	34.7	11	3		*	*		05.0	C	25.22	C	14.48		*		*	*
16	06	64	16.4	LA	0002	37	03.1	76	34.7	11	3		*	*		07.0	C	24.98	C	15.15		*		*	*
16	06	64	16.4	LA	0002	37	03.1	76	34.7	11	3		*	*		09.0	C	24.82	C	15.56		*		*	*
16	06	64	16.4	LA	0002	37	03.1	76	34.7	11	3		*	*		11.0	C	24.82	C	15.61		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
16	06	64	17.0	LA	0002	37	03.1	76	34.7	12		3	23	10	10	0.9		00.0	C	25.60	C	13.73	L	31	D	0.40	17.2		
16	06	64	17.0	LA	0002	37	03.1	76	34.7	12		3	23	10	10	0.9		02.0	C	25.55	C	13.77		*		*	*		
16	06	64	17.0	LA	0002	37	03.1	76	34.7	12		3	23	10	10	0.9		03.0	C	25.46	C	13.98		*		*	*		
16	06	64	17.0	LA	0002	37	03.1	76	34.7	12		3	23	10	10	0.9		04.0	C	25.30	C	14.19		*		*	*		
16	06	64	17.0	LA	0002	37	03.1	76	34.7	12		3	23	10	10	0.9		05.0	C	25.22	C	14.51		*		*	*		
16	06	64	17.0	LA	0002	37	03.1	76	34.7	12		3	23	10	10	0.9		07.0	C	25.16	C	14.81		*		*	*		
16	06	64	17.0	LA	0002	37	03.1	76	34.7	12		3	23	10	10	0.9		09.0	C	24.98	C	15.28		*		*	*		
16	06	64	17.0	LA	0002	37	03.1	76	34.7	12		3	23	10	10	0.9		11.0	C	24.86	C	15.51		*		*	*		
16	06	64	17.5	LA	0002	37	03.1	76	34.7	10		*		*	*			00.0	C	25.40	C	13.74		*	D	0.00	17.7		
16	06	64	17.5	LA	0002	37	03.1	76	34.7	10		*		*	*			02.0	C	25.35	C	13.76		*	D	0.20	17.9		
16	06	64	17.5	LA	0002	37	03.1	76	34.7	10		*		*	*			03.0	C	25.36	C	13.74		*		*	*		
16	06	64	17.5	LA	0002	37	03.1	76	34.7	10		*		*	*			04.0	C	25.36	C	13.76		*		*	*		
16	06	64	17.5	LA	0002	37	03.1	76	34.7	10		*		*	*			05.0	C	25.29	C	14.03		*		*	*		
16	06	64	17.5	LA	0002	37	03.1	76	34.7	10		*		*	*			07.0	C	25.18	C	14.91		*		*	*		
16	06	64	17.5	LA	0002	37	03.1	76	34.7	10		*		*	*			09.0	C	24.92	C	15.43		*		*	*		
16	06	64	17.5	LA	0002	37	03.1	76	34.7	10		*		*	*			10.0	C	24.88	C	15.47		*		*	*		
16	06	64	18.0	LA	0002	37	03.1	76	34.7	10		4	22	*8	08			00.0	C	25.30	C	13.45	L	18	D	0.00	18.2		
16	06	64	18.0	LA	0002	37	03.1	76	34.7	10		4	22	*8	08			02.0	C	25.35	C	13.43		*		*	*		
16	06	64	18.0	LA	0002	37	03.1	76	34.7	10		4	22	*8	08			03.0	C	25.30	C	13.99		*		*	*		
16	06	64	18.0	LA	0002	37	03.1	76	34.7	10		4	22	*8	08			04.0	C	25.30	C	14.13		*		*	*		
16	06	64	18.0	LA	0002	37	03.1	76	34.7	10		4	22	*8	08			05.0	C	25.35	C	14.06		*		*	*		
16	06	64	18.0	LA	0002	37	03.1	76	34.7	10		4	22	*8	08			07.0	C	25.30	C	14.69		*		*	*		
16	06	64	18.0	LA	0002	37	03.1	76	34.7	10		4	22	*8	08			09.0	C	25.20	C	15.00		*		*	*		
16	06	64	18.0	LA	0002	37	03.1	76	34.7	10		4	22	*8	08			10.0	C	25.05	C	15.24		*		*	*		
16	06	64	18.5	LA	0002	37	03.1	76	34.7	10		*		*	*			00.0	C	25.30	C	13.47	L	23	D	0.00	18.6		
16	06	64	18.5	LA	0002	37	03.1	76	34.7	10		*		*	*			02.0	C	25.35	C	13.63		*		*	*		
16	06	64	18.5	LA	0002	37	03.1	76	34.7	10		*		*	*			03.0	C	25.35	C	13.68		*		*	*		
16	06	64	18.5	LA	0002	37	03.1	76	34.7	10		*		*	*			04.0	C	25.35	C	13.92		*		*	*		
16	06	64	18.5	LA	0002	37	03.1	76	34.7	10		*		*	*			05.0	C	25.40	C	14.08		*		*	*		
16	06	64	18.5	LA	0002	37	03.1	76	34.7	10		*		*	*			07.0	C	25.30	C	14.95		*		*	*		
16	06	64	18.5	LA	0002	37	03.1	76	34.7	10		*		*	*			09.0	C	25.05	C	15.30		*		*	*		
16	06	64	18.5	LA	0002	37	03.1	76	34.7	10		*		*	*			09.5	C	25.05	C	15.30		*		*	*		
16	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	23	*6	05			00.0	C	25.30	C	13.61		*		*	19.3		
16	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	23	*6	05			02.0	C	25.35	C	13.79		*		*	*		
16	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	23	*6	05			03.0	C	25.40	C	14.30		*		*	*		
16	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	23	*6	05			04.0	C	25.50	C	14.56		*		*	*		
16	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	23	*6	05			05.0	C	25.40	C	14.75		*		*	*		
16	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	23	*6	05			07.0	C	25.20	C	15.20		*		*	*		
16	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	23	*6	05			09.0	C	25.00	C	15.36		*		*	*		
16	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	23	*6	05			10.0	C	24.95	C	15.41		*		*	*		
16	06	64	19.5	LA	0002	37	03.1	76	34.7	8		*			*			00.0	C	25.20	C	13.60	L	15	D	0.20	19.6		
16	06	64	19.5	LA	0002	37	03.1	76	34.7	8		*			*			02.0	C	25.20	C	13.76		*		*	*		
16	06	64	19.5	LA	0002	37	03.1	76	34.7	8		*			*			03.0	C	25.30	C	13.76		*		*	*		
16	06	64	19.5	LA	0002	37	03.1	76	34.7	8		*			*			04.0	C	25.50	C	14.41		*		*	*		
16	06	64	19.5	LA	0002	37	03.1	76	34.7	8		*			*			05.0	C	25.45	C	14.72		*		*	*		
16	06	64	19.5	LA	0002	37	03.1	76	34.7	8		*			*			07.0	C	25.10	C	15.27		*		*	*		
16	06	64	19.5	LA	0002	37	03.1	76	34.7	8		*			*			08.0	C	24.95	C	15.37		*		*	*		
16	06	64	20.0	LA	0002	37	03.1	76	34.7	9		5	22	7	01			00.0	C	25.25	C	13.87	L	15	D	0.30	20.2		
16	06	64	20.0	LA	0002	37	03.1	76	34.7	9		5	22	7	01			02.0	C	25.20	C	13.91		*		*	*		
16	06	64	20.0	LA	0002	37	03.1	76	34.7	9		5	22	7	01			03.0	C	25.35	C	13.90		*		*	*		
16	06	64	20.0	LA	0002	37	03.1	76	34.7	9		5	22	7	01			04.0	C	25.40	C	14.16		*		*	*		
16	06	64	20.0	LA	0002	37	03.1	76	34.7	9		5	22	7	01			05.0	C	25.30	C	14.58		*		*	*		
16	06	64	20.0	LA	0002	37	03.1	76	34.7	9		5	22	7	01			07.0	C	25.15	C	15.03		*		*	*		
16	06	64	20.0	LA	0002	37	03.1	76	34.7	9		5	22	7	01			08.0	C	25.10	C	15.09		*		*	*		
16	06	64	20.5	LA	0002	37	03.1	76	34.7	10		5		*	*			00.0	C	25.30	C	14.39	L	16	D	0.40	20.6		
16	06	64	20.5	LA	0002	37	03.1	76	34.7	10		5		*	*			02.0	C	25.30	C	14.40		*		*	*		
16	06	64	20.5	LA	0002	37	03.1	76	34.7	10		5		*	*			03.0	C	25.30	C	14.44		*		*	*		
16	06	64	20.5	LA	0002	37	03.1	76	34.7	10		5		*	*			04.0	C	25.30	C	14.48		*		*	*		
16	06	64	20.5	LA	0002	37	03.1	76	34.7	10		5		*	*			05.0	C	25.30	C	14.55		*		*	*		
16	06	64	20.5	LA	0002	37	03.1	76	34.7	10		5		*	*			07.0	C	25.20	C	14.68		*		*	*		
16	06	64	20.5	LA	0002	37	03.1	76	34.7	10		5		*	*			09.0	C	25.10	C	14.92		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
16	06	64	21.0	LA	0002	37	03.1	76	34.7	9		5	21	8	01			00.0	C	25.30	C	14.40	L	13	D	0.30	21.1		
16	06	64	21.0	LA	0002	37	03.1	76	34.7	9		5	21	8	01			02.0	C	25.35	C	14.40		*		*	*		
16	06	64	21.0	LA	0002	37	03.1	76	34.7	9		5	21	8	01			03.0	C	25.35	C	14.40		*		*	*		
16	06	64	21.0	LA	0002	37	03.1	76	34.7	9		5	21	8	01			04.0	C	25.35	C	14.42		*		*	*		
16	06	64	21.0	LA	0002	37	03.1	76	34.7	9		5	21	8	01			05.0	C	25.35	C	14.45		*		*	*		
16	06	64	21.0	LA	0002	37	03.1	76	34.7	9		5	21	8	01			07.0	C	25.30	C	14.63		*		*	*		
16	06	64	21.0	LA	0002	37	03.1	76	34.7	9		5	21	8	01			09.0	C	25.15	C	14.82		*		*	*		
16	06	64	21.5	LA	0002	37	03.1	76	34.7	9		6			*			00.0	C	25.05	C	13.59	L	14	D	0.40	21.6		
16	06	64	21.5	LA	0002	37	03.1	76	34.7	9		6			*			02.0	C	25.15	C	13.81		*	F	0.50	21.7		
16	06	64	21.5	LA	0002	37	03.1	76	34.7	9		6			*			03.0	C	25.25	C	13.86		*		*	*		
16	06	64	21.5	LA	0002	37	03.1	76	34.7	9		6			*			04.0	C	25.30	C	13.87		*	F	0.60	21.7		
16	06	64	21.5	LA	0002	37	03.1	76	34.7	9		6			*			05.0	C	25.30	C	13.91		*		*	*		
16	06	64	21.5	LA	0002	37	03.1	76	34.7	9		6			*			07.0	C	25.35	C	14.06		*		*	*		
16	06	64	21.5	LA	0002	37	03.1	76	34.7	9		6			*			08.0	C	25.35	C	14.08		*		*	*		
16	06	64	22.0	LA	0002	37	03.1	76	34.7	7		6	22	9	03			00.0	C	25.20	C	12.89	L	16	D	0.30	22.1		
16	06	64	22.0	LA	0002	37	03.1	76	34.7	7		6	22	9	03			02.0	C	25.20	C	12.97		*	F	0.40	22.2		
16	06	64	22.0	LA	0002	37	03.1	76	34.7	7		6	22	9	03			03.0	C	25.25	C	13.23		*		*	*		
16	06	64	22.0	LA	0002	37	03.1	76	34.7	7		6	22	9	03			04.0	C	25.25	C	13.29		*		*	*		
16	06	64	22.0	LA	0002	37	03.1	76	34.7	7		6	22	9	03			05.0	C	25.30	C	13.58		*		*	*		
16	06	64	22.0	LA	0002	37	03.1	76	34.7	7		6	22	9	03			06.5	C	25.30	C	13.82		*		*	*		
16	06	64	22.5	LA	0002	37	03.1	76	34.7	8		7			*			00.0	C	25.25	C	12.76	L	13	D	0.20	22.6		
16	06	64	22.5	LA	0002	37	03.1	76	34.7	8		7			*			02.0	C	25.30	C	12.79	L	13	D	0.20	22.6		
16	06	64	22.5	LA	0002	37	03.1	76	34.7	8		7			*			03.0	C	25.30	C	12.82		*		*	*		
16	06	64	22.5	LA	0002	37	03.1	76	34.7	8		7			*			04.0	C	25.25	C	13.08		*		*	*		
16	06	64	22.5	LA	0002	37	03.1	76	34.7	8		7			*			05.0	C	25.25	C	13.21		*		*	*		
16	06	64	22.5	LA	0002	37	03.1	76	34.7	8		7			*			07.0	C	25.15	C	13.49		*		*	*		
16	06	64	23.0	LA	0002	37	03.1	76	34.7	8		*	22	6	01			00.0	C	25.30	C	11.06	L	15	D	0.40	23.3		
16	06	64	23.0	LA	0002	37	03.1	76	34.7	8		*	22	6	01			02.0	C	25.35	C	11.33		*		*	*		
16	06	64	23.0	LA	0002	37	03.1	76	34.7	8		*	22	6	01			03.0	C	25.25	C	11.95		*		*	*		
16	06	64	23.0	LA	0002	37	03.1	76	34.7	8		*	22	6	01			04.0	C	25.20	C	12.65		*		*	*		
16	06	64	23.0	LA	0002	37	03.1	76	34.7	8		*	22	6	01			05.0	C	25.20	C	12.73		*		*	*		
16	06	64	23.0	LA	0002	37	03.1	76	34.7	8		*	22	6	01			07.0	C	25.10	C	13.14		*		*	*		
16	06	64	23.0	LA	0002	37	03.1	76	34.7	8		*	22	6	01			08.0	C	25.10	C	13.33		*		*	*		
16	06	64	23.5	LA	0002	37	03.1	76	34.7	8		7			*			00.0	C	25.35	C	10.90	L	17	D	0.30	23.6		
16	06	64	23.5	LA	0002	37	03.1	76	34.7	8		7			*			02.0	C	25.35	C	11.38		*		*	*		
16	06	64	23.5	LA	0002	37	03.1	76	34.7	8		7			*			03.0	C	25.30	C	11.71		*		*	*		
16	06	64	23.5	LA	0002	37	03.1	76	34.7	8		7			*			04.0	C	25.30	C	11.91		*		*	*		
16	06	64	23.5	LA	0002	37	03.1	76	34.7	8		7			*			05.0	C	25.20	C	12.32		*		*	*		
16	06	64	23.5	LA	0002	37	03.1	76	34.7	8		7			*			07.0	C	25.00	C	12.65		*		*	*		
16	06	64	23.5	LA	0002	37	03.1	76	34.7	8		7			*			08.0	C	25.00	C	12.76		*		*	*		
17	06	64	00.0	LA	0002	37	03.1	76	34.7	7		8	21	6	03			00.0	C	25.40	C	10.67	L	16	D	0.00	00.4		
17	06	64	00.0	LA	0002	37	03.1	76	34.7	7		8	21	6	03			02.0	C	25.50	C	11.00		*		*	*		
17	06	64	00.0	LA	0002	37	03.1	76	34.7	7		8	21	6	03			03.0	C	25.40	C	11.31		*		*	*		
17	06	64	00.0	LA	0002	37	03.1	76	34.7	7		8	21	6	03			04.0	C	25.40	C	11.34		*		*	*		
17	06	64	00.0	LA	0002	37	03.1	76	34.7	7		8	21	6	03			05.0	C	25.40	C	11.36		*		*	*		
17	06	64	00.0	LA	0002	37	03.1	76	34.7	7		8	21	6	03			07.0	C	25.15	C	12.02		*		*	*		
17	06	64	00.5	LA	0002	37	03.1	76	34.7	8		1			*			00.0	C	25.45	C	10.51	L	20	D	0.20	00.7		
17	06	64	00.5	LA	0002	37	03.1	76	34.7	8		1			*			02.0	C	25.48	C	10.75		*		*	*		
17	06	64	00.5	LA	0002	37	03.1	76	34.7	8		1			*			03.0	C	25.45	C	11.02		*		*	*		
17	06	64	00.5	LA	0002	37	03.1	76	34.7	8		1			*			04.0	C	25.43	C	11.20		*		*	*		
17	06	64	00.5	LA	0002	37	03.1	76	34.7	8		1			*			05.0	C	25.25	C	11.77		*		*	*		
17	06	64	00.5	LA	0002	37	03.1	76	34.7	8		1			*			07.0	C	25.15	C	12.00		*		*	*		
17	06	64	00.5	LA	0002	37	03.1	76	34.7	8		1			*			08.0	C	25.11	C	12.07		*		*	*		
17	06	64	01.0	LA	0002	37	03.1	76	34.7	8		1	21	3	05			00.0	C	25.50	C	9.81	L	20	D	0.30	01.2		
17	06	64	01.0	LA	0002	37	03.1	76	34.7	8		1	21	3	05			02.0	C	25.50	C	10.27		*		*	*		
17	06	64	01.0	LA	0002	37	03.1	76	34.7	8		1	21	3	05			03.0	C	25.57	C	10.62		*		*	*		
17	06	64	01.0	LA	0002	37	03.1	76	34.7	8		1	21	3	05			04.0	C	25.57	C	10.72		*		*	*		
17	06	64	01.0	LA	0002	37	03.1	76	34.7	8		1	21	3	05			05.0	C	25.32	C	11.46		*		*	*		
17	06	64	01.0	LA	0002	37	03.1	76	34.7	8		1	21	3	05			07.0	C	25.19	C	11.93		*		*	*		
17	06	64	01.0	LA	0002	37	03.1	76	34.7	8		1	21	3	05			08.0	C	25.07	C	12.52		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
17	06	64	01.5	LA	0002	37	03.1	76	34.7	8		1			*			00.0	C	25.48	C	10.48	L	23	D	0.40	01.6	
17	06	64	01.5	LA	0002	37	03.1	76	34.7	8		1			*			02.0	C	25.20	C	11.67		*		*	*	
17	06	64	01.5	LA	0002	37	03.1	76	34.7	8		1			*			03.0	C	25.18	C	11.83		*		*	*	
17	06	64	01.5	LA	0002	37	03.1	76	34.7	8		1			*			04.0	C	25.19	C	11.83		*		*	*	
17	06	64	01.5	LA	0002	37	03.1	76	34.7	8		1			*			05.0	C	25.13	C	11.85		*		*	*	
17	06	64	01.5	LA	0002	37	03.1	76	34.7	8		1			*			07.0	C	25.08	C	12.33		*		*	*	
17	06	64	01.5	LA	0002	37	03.1	76	34.7	8		1			*			08.0	C	24.98	C	12.88		*		*	*	
17	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		1	20	36	04			00.0	C	25.32	C	11.52	L	22	D	0.20	02.3	
17	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		1	20	36	04			02.0	C	25.25	C	11.86		*		*	*	
17	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		1	20	36	04			03.0	C	25.22	C	11.87		*		*	*	
17	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		1	20	36	04			04.0	C	25.13	C	11.92		*		*	*	
17	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		1	20	36	04			05.0	C	25.16	C	11.94		*		*	*	
17	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		1	20	36	04			07.0	C	25.22	C	12.33		*		*	*	
17	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		1	20	36	04			08.0	C	25.06	C	13.08		*		*	*	
17	06	64	02.5	LA	0002	37	03.1	76	34.7	9		2			*			00.0	C	25.16	C	11.61	L	25	D	0.10	02.6	
17	06	64	02.5	LA	0002	37	03.1	76	34.7	9		2			*			02.0	C	25.18	C	11.78		*		*	*	
17	06	64	02.5	LA	0002	37	03.1	76	34.7	9		2			*			03.0	C	25.14	C	12.18		*		*	*	
17	06	64	02.5	LA	0002	37	03.1	76	34.7	9		2			*			04.0	C	25.09	C	12.48		*		*	*	
17	06	64	02.5	LA	0002	37	03.1	76	34.7	9		2			*			05.0	C	25.08	C	12.67		*		*	*	
17	06	64	02.5	LA	0002	37	03.1	76	34.7	9		2			*			07.0	C	25.02	C	13.02		*		*	*	
17	06	64	02.5	LA	0002	37	03.1	76	34.7	9		2			*			08.0	C	25.03	C	13.11		*		*	*	
17	06	64	03.0	LA	0002	37	03.1	76	34.7	*8		3	20	36	05			00.0	C	24.93	C	11.53	L	26	D	0.10	03.1	
17	06	64	03.0	LA	0002	37	03.1	76	34.7	*8		3	20	36	05			02.0	C	24.89	C	12.18		*		*	*	
17	06	64	03.0	LA	0002	37	03.1	76	34.7	*8		3	20	36	05			03.0	C	24.88	C	12.37		*		*	*	
17	06	64	03.0	LA	0002	37	03.1	76	34.7	*8		3	20	36	05			04.0	C	24.88	C	12.45		*		*	*	
17	06	64	03.0	LA	0002	37	03.1	76	34.7	*8		3	20	36	05			05.0	C	24.90	C	12.56		*		*	*	
17	06	64	03.0	LA	0002	37	03.1	76	34.7	*8		3	20	36	05			07.0	C	25.00	C	12.76		*		*	*	
17	06	64	03.0	LA	0002	37	03.1	76	34.7	*8		3	20	36	05			08.0	C	25.00	C	13.21		*		*	*	
17	06	64	03.5	LA	0002	37	03.1	76	34.7	8		3			*			00.0	C	24.84	C	12.33	L	33	D	0.10	03.6	
17	06	64	03.5	LA	0002	37	03.1	76	34.7	8		3			*			02.0	C	24.85	C	12.33		*		*	*	
17	06	64	03.5	LA	0002	37	03.1	76	34.7	8		3			*			03.0	C	24.87	C	12.37		*		*	*	
17	06	64	03.5	LA	0002	37	03.1	76	34.7	8		3			*			04.0	C	24.86	C	12.64		*		*	*	
17	06	64	03.5	LA	0002	37	03.1	76	34.7	8		3			*			05.0	C	24.84	C	12.88		*		*	*	
17	06	64	03.5	LA	0002	37	03.1	76	34.7	8		3			*			07.0	C	25.00	C	13.24		*		*	*	
17	06	64	03.5	LA	0002	37	03.1	76	34.7	8		3			*			08.0	C	25.04	C	13.37		*		*	*	
17	06	64	04.0	LA	0002	37	03.1	76	34.7	8		4	20	3	04			00.0	C	24.69	C	12.29	L	32	D	0.00	04.1	
17	06	64	04.0	LA	0002	37	03.1	76	34.7	8		4	20	3	04			02.0	C	24.74	C	12.61		*		*	*	
17	06	64	04.0	LA	0002	37	03.1	76	34.7	8		4	20	3	04			03.0	C	24.76	C	12.81		*		*	*	
17	06	64	04.0	LA	0002	37	03.1	76	34.7	8		4	20	3	04			04.0	C	24.76	C	12.92		*		*	*	
17	06	64	04.0	LA	0002	37	03.1	76	34.7	8		4	20	3	04			05.0	C	24.76	C	12.97		*		*	*	
17	06	64	04.0	LA	0002	37	03.1	76	34.7	8		4	20	3	04			07.0	C	25.00	C	13.47		*		*	*	
17	06	64	04.0	LA	0002	37	03.1	76	34.7	8		4	20	3	04			08.0	C	25.01	C	14.27		*		*	*	
17	06	64	04.5	LA	0002	37	03.1	76	34.7	8		4			*			00.0	C	24.56	C	12.56	L	32	D	0.00	04.6	
17	06	64	04.5	LA	0002	37	03.1	76	34.7	8		4			*			02.0	C	24.62	C	12.77		*		*	*	
17	06	64	04.5	LA	0002	37	03.1	76	34.7	8		4			*			03.0	C	24.66	C	12.83		*		*	*	
17	06	64	04.5	LA	0002	37	03.1	76	34.7	8		4			*			04.0	C	24.86	C	13.17		*		*	*	
17	06	64	04.5	LA	0002	37	03.1	76	34.7	8		4			*			05.0	C	25.00	C	13.53		*		*	*	
17	06	64	04.5	LA	0002	37	03.1	76	34.7	8		4			*			07.0	C	24.07	C	13.72		*		*	*	
17	06	64	04.5	LA	0002	37	03.1	76	34.7	8		4			*			08.0	C	25.00	C	14.49		*		*	*	
17	06	64	05.0	LA	0002	37	03.1	76	34.7	8		4	19	3	07	0.9		00.0	C	24.49	C	12.53	L	36	D	0.00	05.1	
17	06	64	05.0	LA	0002	37	03.1	76	34.7	8		4	19	3	07	0.9		02.0	C	24.52	C	12.59		*		*	*	
17	06	64	05.0	LA	0002	37	03.1	76	34.7	8		4	19	3	07	0.9		03.0	C	24.68	C	12.96		*		*	*	
17	06	64	05.0	LA	0002	37	03.1	76	34.7	8		4	19	3	07	0.9		04.0	C	24.66	C	13.29		*		*	*	
17	06	64	05.0	LA	0002	37	03.1	76	34.7	8		4	19	3	07	0.9		05.0	C	24.92	C	13.69		*		*	*	
17	06	64	05.0	LA	0002	37	03.1	76	34.7	8		4	19	3	07	0.9		07.0	C	24.96	C	14.16		*		*	*	
17	06	64	05.0	LA	0002	37	03.1	76	34.7	8		4	19	3	07	0.9		08.0	C	24.98	C	15.31		*		*	*	
17	06	64	05.5	LA	0002	37	03.1	76	34.7	8		4			*			00.0	C	24.46	C	12.39	L	11	D	0.00	05.6	
17	06	64	05.5	LA	0002	37	03.1	76	34.7	8		4			*			02.0	C	24.50	C	12.47		*		*	*	
17	06	64	05.5	LA	0002	37	03.1	76	34.7	8		4			*			03.0	C	24.56	C	12.77		*		*	*	
17	06	64	05.5	LA	0002	37	03.1	76	34.7	8		4			*			04.0	C	24.54	C	13.01		*		*	*	
17	06	64	05.5	LA	0002	37	03.1	76	34.7	8		4			*			05.0	C	24.72	C	13.39		*		*	*	
17	06	64	05.5	LA	0002	37	03.1	76	34.7	8		4			*			07.0	C	24.92	C	14.08		*		*	*	
17	06	64	05.5	LA	0002	37	03.1	76	34.7	8		4			*			08.0	C	24.90	C	14.40		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC			
17	06	64	06.0	LA	0002	37	03.1	76	34.7	9		4	18	3	06	1.0		00.0	C	24.50	C	12.58	L	13	D	0.00	06.1		
17	06	64	06.0	LA	0002	37	03.1	76	34.7	9		4	18	3	06	1.0		02.0	C	24.55	C	12.64		*		*	*		
17	06	64	06.0	LA	0002	37	03.1	76	34.7	9		4	18	3	06	1.0		03.0	C	24.60	C	13.05		*		*	*		
17	06	64	06.0	LA	0002	37	03.1	76	34.7	9		4	18	3	06	1.0		04.0	C	24.60	C	13.15		*		*	*		
17	06	64	06.0	LA	0002	37	03.1	76	34.7	9		4	18	3	06	1.0		05.0	C	24.70	C	13.69		*		*	*		
17	06	64	06.0	LA	0002	37	03.1	76	34.7	9		4	18	3	06	1.0		07.0	C	24.75	C	14.08		*		*	*		
17	06	64	06.0	LA	0002	37	03.1	76	34.7	9		4	18	3	06	1.0		08.0	C	24.80	C	14.29		*		*	*		
17	06	64	06.5	LA	0002	37	03.1	76	34.7	8		5			*			00.0	C	24.45	C	12.71	L	03	D	0.00	06.6		
17	06	64	06.5	LA	0002	37	03.1	76	34.7	8		5			*			02.0	C	24.70	C	12.97		*		*	*		
17	06	64	06.5	LA	0002	37	03.1	76	34.7	8		5			*			03.0	C	24.70	C	13.54		*		*	*		
17	06	64	06.5	LA	0002	37	03.1	76	34.7	8		5			*			04.0	C	24.60	C	13.96		*		*	*		
17	06	64	06.5	LA	0002	37	03.1	76	34.7	8		5			*			05.0	C	24.50	C	14.04		*		*	*		
17	06	64	06.5	LA	0002	37	03.1	76	34.7	8		5			*			07.0	C	24.55	C	14.18		*		*	*		
17	06	64	06.5	LA	0002	37	03.1	76	34.7	8		5			*			08.0	C	24.80	C	14.73		*		*	*		
17	06	64	07.0	LA	0002	37	03.1	76	34.7	8		*	18	3	02	1.0		00.0	C	24.50	C	12.88	L	14	D	0.20	07.1		
17	06	64	07.0	LA	0002	37	03.1	76	34.7	8		*	18	3	02	1.0		02.0	C	24.70	C	13.62		*		*	*		
17	06	64	07.0	LA	0002	37	03.1	76	34.7	8		*	18	3	02	1.0		03.0	C	24.55	C	13.82		*		*	*		
17	06	64	07.0	LA	0002	37	03.1	76	34.7	8		*	18	3	02	1.0		04.0	C	24.50	C	13.93		*		*	*		
17	06	64	07.0	LA	0002	37	03.1	76	34.7	8		*	18	3	02	1.0		05.0	C	24.45	C	14.09		*		*	*		
17	06	64	07.0	LA	0002	37	03.1	76	34.7	8		*	18	3	02	1.0		07.0	C	24.45	C	14.19		*		*	*		
17	06	64	07.0	LA	0002	37	03.1	76	34.7	8		*	18	3	02	1.0		08.0	C	24.65	C	14.81		*		*	*		
17	06	64	07.5	LA	0002	37	03.1	76	34.7	8		5			*			00.0	C	24.50	C	12.82	L	14	D	0.30	07.6		
17	06	64	07.5	LA	0002	37	03.1	76	34.7	8		5			*			02.0	C	24.60	C	13.02		*		*	*		
17	06	64	07.5	LA	0002	37	03.1	76	34.7	8		5			*			03.0	C	24.60	C	13.69		*		*	*		
17	06	64	07.5	LA	0002	37	03.1	76	34.7	8		5			*			04.0	C	24.60	C	10.62		*		*	*		
17	06	64	07.5	LA	0002	37	03.1	76	34.7	8		5			*			05.0	C	24.55	C	13.72		*		*	*		
17	06	64	07.5	LA	0002	37	03.1	76	34.7	8		5			*			07.0	C	24.50	C	14.20		*		*	*		
17	06	64	07.5	LA	0002	37	03.1	76	34.7	8		5			*			08.0	C	24.85	C	15.65		*		*	*		
17	06	64	08.0	LA	0002	37	03.1	76	34.7	8		6	18	1	04	0.9		00.0	C	24.40	C	13.10	L	14	D	0.40	08.1		
17	06	64	08.0	LA	0002	37	03.1	76	34.7	8		6	18	1	04	0.9		02.0	C	24.45	C	13.09		*	P	0.50	*		
17	06	64	08.0	LA	0002	37	03.1	76	34.7	8		6	18	1	04	0.9		03.0	C	24.50	C	13.15		*		*	*		
17	06	64	08.0	LA	0002	37	03.1	76	34.7	8		6	18	1	04	0.9		04.0	C	24.60	C	13.21		*	P	0.50	*		
17	06	64	08.0	LA	0002	37	03.1	76	34.7	8		6	18	1	04	0.9		05.0	C	24.65	C	13.42		*	P	0.30	*		
17	06	64	08.0	LA	0002	37	03.1	76	34.7	8		6	18	1	04	0.9		07.0	C	24.80	C	14.78		*	P	0.30	*		
17	06	64	08.0	LA	0002	37	03.1	76	34.7	8		6	18	1	04	0.9		08.0	C	24.85	C	15.68		*		*	*		
17	06	64	08.5	LA	0002	37	03.1	76	34.7	8		6			*			00.0	C	24.60	C	12.96	L	15	D	0.44	08.6		
17	06	64	08.5	LA	0002	37	03.1	76	34.7	8		6			*			02.0	C	24.55	C	13.07		*	P	0.40	08.7		
17	06	64	08.5	LA	0002	37	03.1	76	34.7	8		6			*			03.0	C	24.55	C	13.12		*	P	0.40	08.7		
17	06	64	08.5	LA	0002	37	03.1	76	34.7	8		6			*			04.0	C	24.55	C	13.12		*	P	0.30	08.7		
17	06	64	08.5	LA	0002	37	03.1	76	34.7	8		6			*			05.0	C	24.55	C	13.15		*		*	*		
17	06	64	08.5	LA	0002	37	03.1	76	34.7	8		6			*			07.0	C	24.60	C	13.90		*		*	*		
17	06	64	08.5	LA	0002	37	03.1	76	34.7	8		6			*			08.0	C	24.90	C	15.19		*		*	*		
17	06	64	09.0	LA	0002	37	03.1	76	34.7	8		6	19	1	01	1.0		00.0	C	24.65	C	13.08	L	14	D	0.50	09.1		
17	06	64	09.0	LA	0002	37	03.1	76	34.7	8		6	19	1	01	1.0		02.0	C	24.60	C	13.07		*		*	*		
17	06	64	09.0	LA	0002	37	03.1	76	34.7	8		6	19	1	01	1.0		03.0	C	24.55	C	13.10		*		*	*		
17	06	64	09.0	LA	0002	37	03.1	76	34.7	8		6	19	1	01	1.0		04.0	C	24.55	C	13.12		*		*	*		
17	06	64	09.0	LA	0002	37	03.1	76	34.7	8		6	19	1	01	1.0		05.0	C	24.55	C	13.12		*		*	*		
17	06	64	09.0	LA	0002	37	03.1	76	34.7	8		6	19	1	01	1.0		07.0	C	24.80	C	13.99		*		*	*		
17	06	64	09.0	LA	0002	37	03.1	76	34.7	8		6	19	1	01	1.0		08.0	C	24.85	C	14.16		*		*	*		
17	06	64	09.5	LA	0002	37	03.1	76	34.7	8		6			*			00.0	C	24.90	C	12.15	L	13	D	0.40	09.6		
17	06	64	09.5	LA	0002	37	03.1	76	34.7	8		6			*			02.0	C	24.80	C	12.22		*	P	0.40	*		
17	06	64	09.5	LA	0002	37	03.1	76	34.7	8		6			*			03.0	C	24.80	C	12.29		*	P	0.40	*		
17	06	64	09.5	LA	0002	37	03.1	76	34.7	8		6			*			04.0	C	24.80	C	12.39		*	P	0.30	*		
17	06	64	09.5	LA	0002	37	03.1	76	34.7	8		6			*			05.0	C	24.75	C	12.45		*		*	*		
17	06	64	09.5	LA	0002	37	03.1	76	34.7	8		6			*			07.0	C	24.60	C	13.12		*		*	*		
17	06	64	09.5	LA	0002	37	03.1	76	34.7	8		6			*			08.0	C	24.65	C	13.26		*		*	*		
17	06	64	10.0	LA	0002	37	03.1	76	34.7	*8		6	20	28	01	0.9		00.0	C	25.05	C	11.85	L	14	D	0.40	10.1		
17	06	64	10.0	LA	0002	37	03.1	76	34.7	*8		6	20	28	01	0.9		02.0	C	24.90	C	11.89		*	P	0.40	10.2		
17	06	64	10.0	LA	0002	37	03.1	76	34.7	*8		6	20	28	01	0.9		03.0	C	24.90	C	11.86		*		*	*		
17	06	64	10.0	LA	0002	37	03.1	76	34.7	*8		6	20	28	01	0.9		04.0	C	24.85	C	11.86		*	P	0.40	10.2		
17	06	64	10.0	LA	0002	37	03.1	76	34.7	*8		6	20	28	01	0.9		05.0	C	24.80	C	11.87		*	P	0.40	10.3		
17	06	64	10.0	LA	0002	37	03.1	76	34.7	*8		6	20	28	01	0.9		07.0	C	24.60	C	12.38		*		*	*		
17	06	64	10.0	LA	0002	37	03.1	76	34.7	*8		6	20	28	01	0.9		08.0	C	24.62	C	12.47		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
17	06	64	10.5	LA	0002	37	03.1	76	34.7	8		6			*			00.0	C	25.00	C	11.01	L	12	D	0.30	10.6	
17	06	64	10.5	LA	0002	37	03.1	76	34.7	8		6			*			02.0	C	24.85	C	11.12		*	P	0.40	10.7	
17	06	64	10.5	LA	0002	37	03.1	76	34.7	8		6			*			03.0	C	24.80	C	11.14		*		*	*	
17	06	64	10.5	LA	0002	37	03.1	76	34.7	8		6			*			04.0	C	24.80	C	11.14		*	P	0.40	10.7	
17	06	64	10.5	LA	0002	37	03.1	76	34.7	8		6			*			05.0	C	24.70	C	11.78		*	P	0.40	10.7	
17	06	64	10.5	LA	0002	37	03.1	76	34.7	8		6			*			07.0	C	24.70	C	12.05		*		*	*	
17	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		7	20	33	01	0.9		00.0	C	25.15	C	10.87	L	13	D	0.20	11.0	
17	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		7	20	33	01	0.9		02.0	C	24.90	C	10.98		*	P	0.40	11.2	
17	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		7	20	33	01	0.9		03.0	C	24.90	C	11.02		*		*	*	
17	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		7	20	33	01	0.9		04.0	C	24.90	C	11.08		*	P	0.40	11.2	
17	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		7	20	33	01	0.9		05.0	C	24.80	C	11.25		*	P	0.30	*	
17	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		7	20	33	01	0.9		07.0	C	24.70	C	11.73		*		*	*	
17	06	64	11.5	LA	0002	37	03.1	76	34.7	8		7			*			00.0	C	25.40	C	10.30	L	17	D	0.40	11.5	
17	06	64	11.5	LA	0002	37	03.1	76	34.7	8		7			*			02.0	C	25.20	C	10.36		*	P	0.20	11.7	
17	06	64	11.5	LA	0002	37	03.1	76	34.7	8		7			*			03.0	C	25.10	C	10.65		*		*	*	
17	06	64	11.5	LA	0002	37	03.1	76	34.7	8		7			*			04.0	C	25.00	C	10.64		*	P	0.10	11.7	
17	06	64	11.5	LA	0002	37	03.1	76	34.7	8		7			*			05.0	C	24.80	C	10.88		*	P	0.20	11.7	
17	06	64	11.5	LA	0002	37	03.1	76	34.7	8		7			*			07.0	C	24.65	C	11.33		*		*	*	
17	06	64	12.0	LA	0002	37	03.1	76	34.7	8		7	21	3	01	1.0		00.0	C	25.60	C	9.81	L	16	D	0.30	12.1	
17	06	64	12.0	LA	0002	37	03.1	76	34.7	8		7	21	3	01	1.0		02.0	C	25.45	C	9.86		*	P	0.20	12.3	
17	06	64	12.0	LA	0002	37	03.1	76	34.7	8		7	21	3	01	1.0		03.0	C	25.90	C	9.97		*		*	*	
17	06	64	12.0	LA	0002	37	03.1	76	34.7	8		7	21	3	01	1.0		04.0	C	25.35	C	10.06		*	P	0.00	12.3	
17	06	64	12.0	LA	0002	37	03.1	76	34.7	8		7	21	3	01	1.0		05.0	C	25.31	C	10.18		*	P	0.00	12.3	
17	06	64	12.0	LA	0002	37	03.1	76	34.7	8		7	21	3	01	1.0		07.0	C	24.80	C	10.62		*		*	*	
17	06	64	12.5	LA	0002	37	03.1	76	34.7	8		7			*			00.0	C	25.80	C	9.51	L	19	D	0.20	12.6	
17	06	64	12.5	LA	0002	37	03.1	76	34.7	8		7			*			02.0	C	25.65	C	9.57		*	P	0.10	12.7	
17	06	64	12.5	LA	0002	37	03.1	76	34.7	8		7			*			03.0	C	25.50	C	9.69		*		*	*	
17	06	64	12.5	LA	0002	37	03.1	76	34.7	8		7			*			04.0	C	25.35	C	9.94		*	P	0.00	12.7	
17	06	64	12.5	LA	0002	37	03.1	76	34.7	8		7			*			05.0	C	24.95	C	10.34		*	P	0.00	12.7	
17	06	64	12.5	LA	0002	37	03.1	76	34.7	8		7			*			07.0	C	24.65	C	10.78		*		*	*	
17	06	64	12.5	LA	0002	37	03.1	76	34.7	8		7			*			08.0	C	24.60	C	11.01		*		*	*	
17	06	64	13.0	LA	0002	37	03.1	76	34.7	8		7	23	1	03	1.0		00.0	C	25.90	C	9.06	L	21	D	0.20	13.1	
17	06	64	13.0	LA	0002	37	03.1	76	34.7	8		7	23	1	03	1.0		02.0	C	25.65	C	9.38		*	P	0.10	13.2	
17	06	64	13.0	LA	0002	37	03.1	76	34.7	8		7	23	1	03	1.0		03.0	C	25.70	C	10.16		*		*	*	
17	06	64	13.0	LA	0002	37	03.1	76	34.7	8		7	23	1	03	1.0		04.0	C	25.20	C	10.21		*	P	0.00	13.2	
17	06	64	13.0	LA	0002	37	03.1	76	34.7	8		7	23	1	03	1.0		05.0	C	24.90	C	10.38		*	P	0.10	13.2	
17	06	64	13.0	LA	0002	37	03.1	76	34.7	8		7	23	1	03	1.0		07.0	C	24.80	C	10.55		*		*	*	
17	06	64	13.0	LA	0002	37	03.1	76	34.7	8		7	23	1	03	1.0		08.0	C	24.60	C	11.14		*		*	*	
17	06	64	13.5	LA	0002	37	03.1	76	34.7	8		1			*			00.0	C	25.60	C	9.54	L	29	D	0.10	13.6	
17	06	64	13.5	LA	0002	37	03.1	76	34.7	8		1			*			02.0	C	25.05	C	10.18		*	P	0.10	13.7	
17	06	64	13.5	LA	0002	37	03.1	76	34.7	8		1			*			03.0	C	24.95	C	10.35		*		*	13.5	
17	06	64	13.5	LA	0002	37	03.1	76	34.7	8		1			*			04.0	C	24.80	C	10.40		*	P	0.20	13.7	
17	06	64	13.5	LA	0002	37	03.1	76	34.7	8		1			*			05.0	C	24.70	C	10.40		*	P	0.00	13.7	
17	06	64	13.5	LA	0002	37	03.1	76	34.7	8		1			*			07.0	C	24.65	C	11.19		*		*	*	
17	06	64	13.5	LA	0002	37	03.1	76	34.7	8		1			*			08.0	C	24.65	C	11.74		*		*	*	
17	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	24	35	05	1.0		00.0	C	25.50	C	10.17	L	28	D	0.10	14.1	
17	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	24	35	05	1.0		02.0	C	25.30	C	10.21		*	P	0.10	14.2	
17	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	24	35	05	1.0		03.0	C	25.05	C	10.41		*		*	*	
17	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	24	35	05	1.0		04.0	C	25.00	C	10.41		*	P	0.20	14.2	
17	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	24	35	05	1.0		05.0	C	25.00	C	10.45		*	P	0.20	14.2	
17	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	24	35	05	1.0		07.0	C	24.70	C	11.81		*	P	0.30	14.2	
17	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	24	35	05	1.0		08.0	C	24.80	C	12.90		*		*	*	
17	06	64	14.5	LA	0002	37	03.1	76	34.7	8		2			*			00.0	C	25.70	C	10.36	L	29	D	0.20	14.6	
17	06	64	14.5	LA	0002	37	03.1	76	34.7	8		2			*			02.0	C	25.55	C	10.53		*	P	0.40	14.7	
17	06	64	14.5	LA	0002	37	03.1	76	34.7	8		2			*			03.0	C	25.40	C	10.70		*		*	*	
17	06	64	14.5	LA	0002	37	03.1	76	34.7	8		2			*			04.0	C	25.40	C	10.75		*	P	0.40	14.7	
17	06	64	14.5	LA	0002	37	03.1	76	34.7	8		2			*			05.0	C	25.40	C	10.73		*	P	0.20	14.7	
17	06	64	14.5	LA	0002	37	03.1	76	34.7	8		2			*			07.0	C	24.65	C	11.56		*	P	0.00	14.7	
17	06	64	14.5	LA	0002	37	03.1	76	34.7	8		2			*			08.0	C	24.75	C	12.45		*		*	*	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
17	06	64	15.0	LA	0002	37	03.1	76	34.7	*8	2	26	35	04	1.0	00.0	C	25.40	C	10.73	L	31	D	0.30	15.1
17	06	64	15.0	LA	0002	37	03.1	76	34.7	*8	2	26	35	04	1.0	02.0	C	25.10	C	10.75		*	P	0.40	15.2
17	06	64	15.0	LA	0002	37	03.1	76	34.7	*8	2	26	35	04	1.0	03.0	C	24.90	C	10.85		*		*	*
17	06	64	15.0	LA	0002	37	03.1	76	34.7	*8	2	26	35	04	1.0	04.0	C	24.75	C	11.35		*	P	0.50	15.2
17	06	64	15.0	LA	0002	37	03.1	76	34.7	*8	2	26	35	04	1.0	05.0	C	24.70	C	11.93		*	P	0.30	15.2
17	06	64	15.0	LA	0002	37	03.1	76	34.7	*8	2	26	35	04	1.0	07.0	C	24.70	C	12.34		*	P	0.30	15.2
17	06	64	15.0	LA	0002	37	03.1	76	34.7	*8	2	26	35	04	1.0	08.0	C	24.70	C	12.71		*		*	*
17	06	64	15.5	LA	0002	37	03.1	76	34.7	9	3			*		00.0	C	25.30	C	10.86	L	31	D	0.30	15.6
17	06	64	15.5	LA	0002	37	03.1	76	34.7	9	3			*		02.0	C	25.10	C	10.98		*	P	0.40	15.7
17	06	64	15.5	LA	0002	37	03.1	76	34.7	9	3			*		03.0	C	25.00	C	11.15		*		*	*
17	06	64	15.5	LA	0002	37	03.1	76	34.7	9	3			*		04.0	C	24.80	C	11.80		*	P	0.50	15.7
17	06	64	15.5	LA	0002	37	03.1	76	34.7	9	3			*		05.0	C	24.75	C	12.65		*	P	0.50	15.7
17	06	64	15.5	LA	0002	37	03.1	76	34.7	9	3			*		07.0	C	24.75	C	13.14		*	P	0.40	15.7
17	06	64	15.5	LA	0002	37	03.1	76	34.7	9	3			*		08.0	C	24.70	C	14.02		*		*	*
17	06	64	15.5	LA	0002	37	03.1	76	34.7	9	3			*		09.0	C	24.65	C	15.24		*		*	*
17	06	64	16.0	LA	0002	37	03.1	76	34.7	*9	3	26	32	05	0.9	00.0	C	25.40	C	10.91	L	30	D	0.30	16.1
17	06	64	16.0	LA	0002	37	03.1	76	34.7	*9	3	26	32	05	0.9	02.0	C	25.30	C	10.96		*	P	0.20	16.2
17	06	64	16.0	LA	0002	37	03.1	76	34.7	*9	3	26	32	05	0.9	03.0	C	25.05	C	11.26		*		*	*
17	06	64	16.0	LA	0002	37	03.1	76	34.7	*9	3	26	32	05	0.9	04.0	C	24.90	C	11.68		*	P	0.50	16.2
17	06	64	16.0	LA	0002	37	03.1	76	34.7	*9	3	26	32	05	0.9	05.0	C	24.80	C	12.19		*	P	0.50	16.2
17	06	64	16.0	LA	0002	37	03.1	76	34.7	*9	3	26	32	05	0.9	07.0	C	24.80	C	13.33		*	P	0.40	16.2
17	06	64	16.0	LA	0002	37	03.1	76	34.7	*9	3	26	32	05	0.9	08.0	C	24.30	C	13.54		*		*	*
17	06	64	16.0	LA	0002	37	03.1	76	34.7	*9	3	26	32	05	0.9	09.0	C	24.65	C	15.66		*		*	*
17	06	64	16.5	LA	0002	37	03.1	76	34.7	9	3			*		00.0	C	25.55	C	11.23	L	30	D	0.20	16.6
17	06	64	16.5	LA	0002	37	03.1	76	34.7	9	3			*		02.0	C	25.50	C	11.46		*	P	0.30	16.7
17	06	64	16.5	LA	0002	37	03.1	76	34.7	9	3			*		03.0	C	25.20	C	11.59		*	F	0.30	16.7
17	06	64	16.5	LA	0002	37	03.1	76	34.7	9	3			*		04.0	C	25.20	C	11.64		*	P	0.40	16.7
17	06	64	16.5	LA	0002	37	03.1	76	34.7	9	3			*		05.0	C	25.05	C	12.40		*	P	0.30	16.7
17	06	64	16.5	LA	0002	37	03.1	76	34.7	9	3			*		07.0	C	24.80	C	13.89		*	P	0.40	16.7
17	06	64	16.5	LA	0002	37	03.1	76	34.7	9	3			*		08.0	C	24.75	C	14.88		*		*	*
17	06	64	16.5	LA	0002	37	03.1	76	34.7	9	3			*		09.0	C	24.60	C	15.80		*		*	*
17	06	64	17.0	LA	0002	37	03.1	76	34.7	*9	3	26	36	03	1.0	00.0	C	25.60	C	11.11	L	31	D	0.10	17.1
17	06	64	17.0	LA	0002	37	03.1	76	34.7	*9	3	26	36	03	1.0	02.0	C	25.55	C	11.61		*	P	0.30	17.3
17	06	64	17.0	LA	0002	37	03.1	76	34.7	*9	3	26	36	03	1.0	03.0	C	25.50	C	11.58	L	34	P	0.30	17.3
17	06	64	17.0	LA	0002	37	03.1	76	34.7	*9	3	26	36	03	1.0	04.0	C	25.40	C	11.66		*	P	0.40	17.3
17	06	64	17.0	LA	0002	37	03.1	76	34.7	*9	3	26	36	03	1.0	05.0	C	25.15	C	13.41		*	P	0.50	17.3
17	06	64	17.0	LA	0002	37	03.1	76	34.7	*9	3	26	36	03	1.0	07.0	C	24.95	C	14.44	L	27	P	0.40	17.3
17	06	64	17.0	LA	0002	37	03.1	76	34.7	*9	3	26	36	03	1.0	08.0	C	24.65	C	15.74		*		*	*
17	06	64	17.0	LA	0002	37	03.1	76	34.7	*9	3	26	36	03	1.0	09.0	C	24.60	C	15.91		*		*	*
17	06	64	17.5	LA	0002	37	03.1	76	34.7	9	4			*		00.0	C	25.65	C	11.50	L	28	D	0.00	17.6
17	06	64	17.5	LA	0002	37	03.1	76	34.7	9	4			*		02.0	C	25.60	C	11.50		*	P	0.00	17.7
17	06	64	17.5	LA	0002	37	03.1	76	34.7	9	4			*		03.0	C	25.60	C	11.50	L	35	P	0.20	17.7
17	06	64	17.5	LA	0002	37	03.1	76	34.7	9	4			*		04.0	C	25.42	C	11.59		*	P	0.20	17.7
17	06	64	17.5	LA	0002	37	03.1	76	34.7	9	4			*		05.0	C	25.20	C	12.88		*	P	0.40	17.7
17	06	64	17.5	LA	0002	37	03.1	76	34.7	9	4			*		07.0	C	25.00	C	14.63	L	28	P	0.40	17.7
17	06	64	17.5	LA	0002	37	03.1	76	34.7	9	4			*		08.0	C	24.65	C	15.91		*		*	*
17	06	64	17.5	LA	0002	37	03.1	76	34.7	9	4			*		09.0	C	24.65	C	15.91		*		*	*
17	06	64	18.0	LA	0002	37	03.1	76	34.7	9	4	26	3	00		00.0	C	25.60	C	11.52	L	22	D	0.00	18.3
17	06	64	18.0	LA	0002	37	03.1	76	34.7	9	4	26	3	00		02.0	C	25.65	C	11.52		*		*	*
17	06	64	18.0	LA	0002	37	03.1	76	34.7	9	4	26	3	00		03.0	C	25.60	C	11.62		*		*	*
17	06	64	18.0	LA	0002	37	03.1	76	34.7	9	4	26	3	00		04.0	C	25.55	C	11.66		*		*	*
17	06	64	18.0	LA	0002	37	03.1	76	34.7	9	4	26	3	00		05.0	C	25.10	C	12.77		*		*	*
17	06	64	18.0	LA	0002	37	03.1	76	34.7	9	4	26	3	00		07.0	C	24.95	C	14.28		*		*	*
17	06	64	18.0	LA	0002	37	03.1	76	34.7	9	4	26	3	00		08.5	C	24.70	C	15.68		*		*	*
17	06	64	18.5	LA	0002	37	03.1	76	34.7	8	4			*		00.0	C	25.65	C	11.58	L	22	D	0.00	18.6
17	06	64	18.5	LA	0002	37	03.1	76	34.7	8	4			*		02.0	C	25.60	C	11.62		*		*	*
17	06	64	18.5	LA	0002	37	03.1	76	34.7	8	4			*		03.0	C	25.35	C	11.89		*		*	*
17	06	64	18.5	LA	0002	37	03.1	76	34.7	8	4			*		04.0	C	24.95	C	13.18		*		*	*
17	06	64	18.5	LA	0002	37	03.1	76	34.7	8	4			*		05.0	C	25.00	C	13.66		*		*	*
17	06	64	18.5	LA	0002	37	03.1	76	34.7	8	4			*		07.0	C	24.80	C	15.40		*		*	*
17	06	64	18.5	LA	0002	37	03.1	76	34.7	8	4			*		08.0	C	24.70	C	15.63		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT					SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
17	06	64	19.0	LA	0002	37	03.1	76	34.7	9		5	25	2	00			00.0	C	25.50	C	11.99	L	18	D	0.00	19.1		
17	06	64	19.0	LA	0002	37	03.1	76	34.7	9		5	25	2	00			02.0	C	25.15	C	13.12		*		*	*		
17	06	64	19.0	LA	0002	37	03.1	76	34.7	9		5	25	2	00			03.0	C	25.00	C	13.58		*		*	*		
17	06	64	19.0	LA	0002	37	03.1	76	34.7	9		5	25	2	00			04.0	C	25.00	C	13.66		*		*	*		
17	06	64	19.0	LA	0002	37	03.1	76	34.7	9		5	25	2	00			05.0	C	25.10	C	13.75		*		*	*		
17	06	64	19.0	LA	0002	37	03.1	76	34.7	9		5	25	2	00			07.0	C	25.00	C	14.59		*		*	*		
17	06	64	19.0	LA	0002	37	03.1	76	34.7	9		5	25	2	00			08.0	C	24.90	C	14.78		*		*	*		
17	06	64	19.5	LA	0002	37	03.1	76	34.7	8		5			*			00.0	C	25.35	C	14.72	L	15	D	0.00	19.6		
17	06	64	19.5	LA	0002	37	03.1	76	34.7	8		5			*			02.0	C	25.00	C	13.68		*		*	*		
17	06	64	19.5	LA	0002	37	03.1	76	34.7	8		5			*			03.0	C	25.10	C	13.51		*		*	*		
17	06	64	19.5	LA	0002	37	03.1	76	34.7	8		5			*			04.0	C	25.20	C	13.68		*		*	*		
17	06	64	19.5	LA	0002	37	03.1	76	34.7	8		5			*			05.0	C	25.20	C	13.68		*		*	*		
17	06	64	19.5	LA	0002	37	03.1	76	34.7	8		5			*			07.0	C	24.70	C	14.16		*		*	*		
17	06	64	19.5	LA	0002	37	03.1	76	34.7	8		5			*			08.0	C	24.70	C	15.48		*		*	*		
17	06	64	20.0	LA	0002	37	03.1	76	34.7	8		5	25	1	00			00.0	C	25.20	C	11.75	L	13	D	0.20	20.2		
17	06	64	20.0	LA	0002	37	03.1	76	34.7	8		5	25	1	00			02.0	C	25.15	C	13.61		*		*	*		
17	06	64	20.0	LA	0002	37	03.1	76	34.7	8		5	25	1	00			03.0	C	25.20	C	13.81		*		*	*		
17	06	64	20.0	LA	0002	37	03.1	76	34.7	8		5	25	1	00			04.0	C	25.20	C	13.86		*		*	*		
17	06	64	20.0	LA	0002	37	03.1	76	34.7	8		5	25	1	00			05.0	C	25.10	C	14.25		*		*	*		
17	06	64	20.0	LA	0002	37	03.1	76	34.7	8		5	25	1	00			07.0	C	25.70	C	15.62		*		*	*		
17	06	64	20.0	LA	0002	37	03.1	76	34.7	8		5	25	1	00			08.0	C	25.70	C	15.78		*		*	*		
17	06	64	20.5	LA	0002	37	03.1	76	34.7	8		5			*			00.0	C	25.50	C	12.94	L	13	D	0.30	20.6		
17	06	64	20.5	LA	0002	37	03.1	76	34.7	8		5			*			02.0	C	25.40	C	13.30		*	P	0.40	20.7		
17	06	64	20.5	LA	0002	37	03.1	76	34.7	8		5			*			03.0	C	25.15	C	13.78		*	P	0.30	20.7		
17	06	64	20.5	LA	0002	37	03.1	76	34.7	8		5			*			04.0	C	24.95	C	13.97		*		*	*		
17	06	64	20.5	LA	0002	37	03.1	76	34.7	8		5			*			05.0	C	25.00	C	14.24		*	P	0.20	20.8		
17	06	64	20.5	LA	0002	37	03.1	76	34.7	8		5			*			07.0	C	24.85	C	14.92		*		*	*		
17	06	64	20.5	LA	0002	37	03.1	76	34.7	8		5			*			08.0	C	24.75	C	15.35		*		*	*		
17	06	64	21.0	LA	0002	37	03.1	76	34.7	*8		6	24	25	00			00.0	C	24.90	C	11.29	L	12	D	0.50	21.1		
17	06	64	21.0	LA	0002	37	03.1	76	34.7	*8		6	24	25	00			02.0	C	25.10	C	12.32		*	P	0.50	21.2		
17	06	64	21.0	LA	0002	37	03.1	76	34.7	*8		6	24	25	00			03.0	C	25.30	C	12.56		*		*	*		
17	06	64	21.0	LA	0002	37	03.1	76	34.7	*8		6	24	25	00			04.0	C	25.35	C	13.27		*	P	0.20	21.2		
17	06	64	21.0	LA	0002	37	03.1	76	34.7	*8		6	24	25	00			05.0	C	25.20	C	13.70		*	P	0.20	21.2		
17	06	64	21.0	LA	0002	37	03.1	76	34.7	*8		6	24	25	00			07.0	C	24.90	C	14.65		*		*	*		
17	06	64	21.0	LA	0002	37	03.1	76	34.7	*8		6	24	25	00			08.0	C	24.85	C	14.81		*		*	*		
17	06	64	21.5	LA	0002	37	03.1	76	34.7	8		6			*			00.0	C	24.95	C	11.06	L	11	D	0.50	21.6		
17	06	64	21.5	LA	0002	37	03.1	76	34.7	8		6			*			02.0	C	24.90	C	12.52		*	P	0.60	21.7		
17	06	64	21.5	LA	0002	37	03.1	76	34.7	8		6			*			03.0	C	25.05	C	12.66		*		*	*		
17	06	64	21.5	LA	0002	37	03.1	76	34.7	8		6			*			04.0	C	25.05	C	12.95		*	P	0.40	21.7		
17	06	64	21.5	LA	0002	37	03.1	76	34.7	8		6			*			05.0	C	25.10	C	13.14		*	P	0.30	21.7		
17	06	64	21.5	LA	0002	37	03.1	76	34.7	8		6			*			07.0	C	24.95	C	14.22		*		*	*		
17	06	64	21.5	LA	0002	37	03.1	76	34.7	8		6			*			08.0	C	24.90	C	14.33		*		*	*		
17	06	64	22.0	LA	0002	37	03.1	76	34.7	*8		6	22	20	06			00.0	C	24.65	C	11.20	L	10	D	0.60	22.0		
17	06	64	22.0	LA	0002	37	03.1	76	34.7	*8		6	22	20	06			02.0	C	24.90	C	12.20		*	P	0.40	22.2		
17	06	64	22.0	LA	0002	37	03.1	76	34.7	*8		6	22	20	06			03.0	C	24.95	C	12.26		*		*	*		
17	06	64	22.0	LA	0002	37	03.1	76	34.7	*8		6	22	20	06			04.0	C	24.90	C	12.33		*	P	0.40	22.2		
17	06	64	22.0	LA	0002	37	03.1	76	34.7	*8		6	22	20	06			05.0	C	24.85	C	12.40		*		*	*		
17	06	64	22.0	LA	0002	37	03.1	76	34.7	*8		6	22	20	06			07.0	C	24.90	C	13.39		*		*	*		
17	06	64	22.0	LA	0002	37	03.1	76	34.7	*8		6	22	20	06			08.0	C	25.00	C	13.63		*		*	*		
17	06	64	22.5	LA	0002	37	03.1	76	34.7	8		6			*			00.0	C	24.45	C	11.06	L	11	D	0.40	22.6		
17	06	64	22.5	LA	0002	37	03.1	76	34.7	8		6			*			02.0	C	24.70	C	11.47		*	P	0.40	22.6		
17	06	64	22.5	LA	0002	37	03.1	76	34.7	8		6			*			03.0	C	24.80	C	11.98		*		*	*		
17	06	64	22.5	LA	0002	37	03.1	76	34.7	8		6			*			04.0	C	24.90	C	12.12		*	P	0.40	22.6		
17	06	64	22.5	LA	0002	37	03.1	76	34.7	8		6			*			05.0	C	24.95	C	12.46		*	P	0.20	22.6		
17	06	64	22.5	LA	0002	37	03.1	76	34.7	8		6			*			07.0	C	24.95	C	13.10		*		*	*		
17	06	64	22.5	LA	0002	37	03.1	76	34.7	8		6			*			08.0	C	24.95	C	13.13		*		*	*		
17	06	64	23.0	LA	0002	37	03.1	76	34.7	*8		6	21	19	05			00.0	C	24.90	C	10.13	L	11	D	0.40	23.0		
17	06	64	23.0	LA	0002	37	03.1	76	34.7	*8		6	21	19	05			02.0	C	24.90	C	10.90		*	P	0.40	23.2		
17	06	64	23.0	LA	0002	37	03.1	76	34.7	*8		6	21	19	05			03.0	C	24.90	C	11.03		*		*	*		
17	06	64	23.0	LA	0002	37	03.1	76	34.7	*8		6	21	19	05			04.0	C	24.95	C	11.48		*	P	0.40	23.2		
17	06	64	23.0	LA	0002	37	03.1	76	34.7	*8		6	21	19	05			05.0	C	24.95	C	12.00		*		*	*		
17	06	64	23.0	LA	0002	37	03.1	76	34.7	*8		6	21	19	05			07.0	C	24.90	C	12.52		*		*	*		
17	06	64	23.0	LA	0002	37	03.1	76	34.7	*8		6	21	19	05			08.0	C	24.90	C	12.60		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
17	06	64	23.5	LA	0002	37	03.1	76	34.7	7	7			*		00.0	C	24.90	C	9.65	L	11	D	0.40	23.5
17	06	64	23.5	LA	0002	37	03.1	76	34.7	7	7			*		02.0	C	25.20	C	10.31		*	P	0.30	23.6
17	06	64	23.5	LA	0002	37	03.1	76	34.7	7	7			*		03.0	C	25.10	C	10.52		*		*	*
17	06	64	23.5	LA	0002	37	03.1	76	34.7	7	7			*		04.0	C	25.05	C	10.56		*	P	0.30	23.6
17	06	64	23.5	LA	0002	37	03.1	76	34.7	7	7			*		05.0	C	25.05	C	11.31		*	P	0.40	23.6
17	06	64	23.5	LA	0002	37	03.1	76	34.7	7	7			*		07.0	C	24.90	C	12.31		*		*	*
18	06	64	00.0	LA	0002	37	03.1	76	34.7	*7	7	20	19	05		00.0	C	24.96	C	9.57	L	16	D	0.20	00.1
18	06	64	00.0	LA	0002	37	03.1	76	34.7	*7	7	20	19	05		02.0	C	25.20	C	10.09		*	P	0.20	00.2
18	06	64	00.0	LA	0002	37	03.1	76	34.7	*7	7	20	19	05		03.0	C	25.16	C	10.30	L	14	P	0.20	00.2
18	06	64	00.0	LA	0002	37	03.1	76	34.7	*7	7	20	19	05		04.0	C	25.14	C	10.35		*	P	0.20	00.2
18	06	64	00.0	LA	0002	37	03.1	76	34.7	*7	7	20	19	05		05.0	C	25.16	C	10.78		*	P	0.20	00.2
18	06	64	00.0	LA	0002	37	03.1	76	34.7	*7	7	20	19	05		07.0	C	24.94	C	11.79		*		*	*
18	06	64	00.5	LA	0002	37	03.1	76	34.7	7	7			*		00.0	C	25.00	C	9.34	L	15	D	0.20	00.6
18	06	64	00.5	LA	0002	37	03.1	76	34.7	7	7			*		02.0	C	25.25	C	10.04		*	P	0.20	00.7
18	06	64	00.5	LA	0002	37	03.1	76	34.7	7	7			*		03.0	C	25.25	C	10.14	L	17	P	0.20	00.7
18	06	64	00.5	LA	0002	37	03.1	76	34.7	7	7			*		04.0	C	25.25	C	10.20		*	P	0.20	00.7
18	06	64	00.5	LA	0002	37	03.1	76	34.7	7	7			*		05.0	C	25.20	C	10.71		*	P	0.20	00.7
18	06	64	00.5	LA	0002	37	03.1	76	34.7	7	7			*		07.0	C	25.95	C	11.99		*		*	*
18	06	64	01.0	LA	0002	37	03.1	76	34.7	*8	7	20	21	07		00.0	C	24.85	C	8.88	L	17	D	0.20	01.1
18	06	64	01.0	LA	0002	37	03.1	76	34.7	*8	7	20	21	07		02.0	C	25.30	C	9.93		*	P	0.20	01.2
18	06	64	01.0	LA	0002	37	03.1	76	34.7	*8	7	20	21	07		03.0	C	25.30	C	10.10	P	22	P	0.20	01.2
18	06	64	01.0	LA	0002	37	03.1	76	34.7	*8	7	20	21	07		04.0	C	25.25	C	10.20		*	P	0.20	01.2
18	06	64	01.0	LA	0002	37	03.1	76	34.7	*8	7	20	21	07		05.0	C	25.15	C	10.96		*	P	0.20	01.2
18	06	64	01.0	LA	0002	37	03.1	76	34.7	*8	7	20	21	07		07.0	C	24.95	C	11.82		*		*	*
18	06	64	01.0	LA	0002	37	03.1	76	34.7	*8	7	20	21	07		08.0	C	24.95	C	11.95		*		*	*
18	06	64	01.5	LA	0002	37	03.1	76	34.7	8	8			*		00.0	C	24.90	C	8.51	L	17	D	0.08	01.6
18	06	64	01.5	LA	0002	37	03.1	76	34.7	8	8			*		02.0	C	25.35	C	9.66		*	P	0.28	01.7
18	06	64	01.5	LA	0002	37	03.1	76	34.7	8	8			*		03.0	C	25.35	C	9.89	L	25	P	0.28	01.7
18	06	64	01.5	LA	0002	37	03.1	76	34.7	8	8			*		04.0	C	25.30	C	10.41		*	P	0.28	01.7
18	06	64	01.5	LA	0002	37	03.1	76	34.7	8	8			*		05.0	C	25.15	C	10.76		*	P	0.28	01.7
18	06	64	01.5	LA	0002	37	03.1	76	34.7	8	8			*		07.0	C	24.95	C	11.89		*		*	*
18	06	64	01.5	LA	0002	37	03.1	76	34.7	8	8			*		08.0	C	24.95	C	12.31		*		*	*
18	06	64	02.0	LA	0002	37	03.1	76	34.7	*8	8	21	20	07		00.0	C	24.90	C	8.72	L	17	D	0.00	02.1
18	06	64	02.0	LA	0002	37	03.1	76	34.7	*8	8	21	20	07		02.0	C	25.30	C	10.36		*	P	0.10	02.2
18	06	64	02.0	LA	0002	37	03.1	76	34.7	*8	8	21	20	07		03.0	C	25.30	C	10.40	L	25	P	0.20	02.2
18	06	64	02.0	LA	0002	37	03.1	76	34.7	*8	8	21	20	07		04.0	C	25.30	C	10.41		*	P	0.10	02.2
18	06	64	02.0	LA	0002	37	03.1	76	34.7	*8	8	21	20	07		05.0	C	25.25	C	10.40		*	P	0.30	02.2
18	06	64	02.0	LA	0002	37	03.1	76	34.7	*8	8	21	20	07		07.0	C	24.90	C	12.81	L	28	P	0.30	02.2
18	06	64	02.0	LA	0002	37	03.1	76	34.7	*8	8	21	20	07		08.0	C	24.90	C	13.02		*		*	*
18	06	64	02.5	LA	0002	37	03.1	76	34.7	8	1			*		00.0	C	24.90	C	9.04	L	32	D	0.10	02.7
18	06	64	02.5	LA	0002	37	03.1	76	34.7	8	1			*		02.0	C	25.30	C	10.40		*	P	0.20	02.9
18	06	64	02.5	LA	0002	37	03.1	76	34.7	8	1			*		03.0	C	25.30	C	10.43	L	28	P	0.30	02.9
18	06	64	02.5	LA	0002	37	03.1	76	34.7	8	1			*		04.0	C	25.30	C	10.48		*	P	0.50	02.9
18	06	64	02.5	LA	0002	37	03.1	76	34.7	8	1			*		05.0	C	25.05	C	10.90		*	P	0.50	02.9
18	06	64	02.5	LA	0002	37	03.1	76	34.7	8	1			*		07.0	C	24.90	C	13.49	L	28	P	0.50	02.9
18	06	64	02.5	LA	0002	37	03.1	76	34.7	8	1			*		08.0	C	24.90	C	13.90		*		*	*
18	06	64	03.0	LA	0002	37	03.1	76	34.7	*9	2	20	22	04		00.0	C	24.85	C	9.13	L	29	D	0.40	03.1
18	06	64	03.0	LA	0002	37	03.1	76	34.7	*9	2	20	22	04		02.0	C	24.05	C	10.10		*	P	0.30	03.2
18	06	64	03.0	LA	0002	37	03.1	76	34.7	*9	2	20	22	04		03.0	C	25.15	C	10.76	L	29	P	0.40	03.2
18	06	64	03.0	LA	0002	37	03.1	76	34.7	*9	2	20	22	04		04.0	C	25.05	C	11.59		*	P	0.40	03.2
18	06	64	03.0	LA	0002	37	03.1	76	34.7	*9	2	20	22	04		05.0	C	25.00	C	12.06		*	P	0.40	03.2
18	06	64	03.0	LA	0002	37	03.1	76	34.7	*9	2	20	22	04		07.0	C	24.80	C	13.54	L	27	P	0.50	03.2
18	06	64	03.0	LA	0002	37	03.1	76	34.7	*9	2	20	22	04		08.0	C	24.85	C	14.06		*		*	*
18	06	64	03.0	LA	0002	37	03.1	76	34.7	*9	2	20	22	04		09.0	C	24.85	C	14.27		*		*	*
18	06	64	03.5	LA	0002	37	03.1	76	34.7	9	2			*		00.0	C	24.80	C	9.22	L	29	D	0.40	03.6
18	06	64	03.5	LA	0002	37	03.1	76	34.7	9	2			*		02.0	C	24.98	C	10.03		*	P	0.20	03.7
18	06	64	03.5	LA	0002	37	03.1	76	34.7	9	2			*		03.0	C	25.09	C	10.89	L	28	P	0.30	03.7
18	06	64	03.5	LA	0002	37	03.1	76	34.7	9	2			*		04.0	C	25.00	C	11.54		*	P	0.50	03.7
18	06	64	03.5	LA	0002	37	03.1	76	34.7	9	2			*		05.0	C	24.98	C	12.27		*	P	0.50	03.7
18	06	64	03.5	LA	0002	37	03.1	76	34.7	9	2			*		07.0	C	24.92	C	13.19	L	27	P	0.40	03.7
18	06	64	03.5	LA	0002	37	03.1	76	34.7	9	2			*		08.0	C	24.86	C	13.97		*		*	*
18	06	64	03.5	LA	0002	37	03.1	76	34.7	9	2			*		09.0	C	24.80	C	14.76		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
18	06	64	04.0	LA	0002	37	03.1	76	34.7	*9		3	20	17	04			00.0	C	24.74	C	10.03	L	31	D	0.40	04.1		
18	06	64	04.0	LA	0002	37	03.1	76	34.7	*9		3	20	17	04			02.0	C	24.90	C	10.28		*	D	0.20	04.2		
18	06	64	04.0	LA	0002	37	03.1	76	34.7	*9		3	20	17	04			03.0	C	25.01	C	10.81	L	29	P	0.30	04.2		
18	06	64	04.0	LA	0002	37	03.1	76	34.7	*9		3	20	17	04			04.0	C	24.93	C	11.90		*	P	0.40	04.2		
18	06	64	04.0	LA	0002	37	03.1	76	34.7	*9		3	20	17	04			05.0	C	24.92	C	12.98		*	P	0.50	04.2		
18	06	64	04.0	LA	0002	37	03.1	76	34.7	*9		3	20	17	04			07.0	C	24.88	C	13.80	L	30	P	0.40	04.2		
18	06	64	04.0	LA	0002	37	03.1	76	34.7	*9		3	20	17	04			08.0	C	24.84	C	14.21		*		*	*		
18	06	64	04.0	LA	0002	37	03.1	76	34.7	*9		3	20	17	04			09.0	C	24.78	C	14.84		*		*	*		
18	06	64	04.5	LA	0002	37	03.1	76	34.7	9		3			*			00.0	C	24.59	C	9.64	L	32	D	0.40	04.6		
18	06	64	04.5	LA	0002	37	03.1	76	34.7	9		3			*			02.0	C	24.79	C	10.21		*	P	0.40	04.7		
18	06	64	04.5	LA	0002	37	03.1	76	34.7	9		3			*			03.0	C	24.91	C	12.25	L	31	P	0.40	04.7		
18	06	64	04.5	LA	0002	37	03.1	76	34.7	9		3			*			04.0	C	24.90	C	13.46		*	P	0.50	04.7		
18	06	64	04.5	LA	0002	37	03.1	76	34.7	9		3			*			05.0	C	24.90	C	13.78		*	P	0.30	04.7		
18	06	64	04.5	LA	0002	37	03.1	76	34.7	9		3			*			07.0	C	24.88	C	13.98	L	28	P	0.40	04.7		
18	06	64	04.5	LA	0002	37	03.1	76	34.7	9		3			*			08.0	C	24.80	C	14.62		*		*	*		
18	06	64	04.5	LA	0002	37	03.1	76	34.7	9		3			*			09.0	C	24.76	C	14.94		*		*	*		
18	06	64	05.0	LA	0002	37	03.1	76	34.7	*9		3	20	16	01	1.0		00.0	C	24.53	C	9.68	L	30	D	0.30	05.1		
18	06	64	05.0	LA	0002	37	03.1	76	34.7	*9		3	20	16	01	1.0		02.0	C	24.83	C	10.92		*	P	0.10	05.2		
18	06	64	05.0	LA	0002	37	03.1	76	34.7	*9		3	20	16	01	1.0		03.0	C	24.79	C	11.88	L	31	P	0.30	05.2		
18	06	64	05.0	LA	0002	37	03.1	76	34.7	*9		3	20	16	01	1.0		04.0	C	24.84	C	13.66		*	P	0.40	05.2		
18	06	64	05.0	LA	0002	37	03.1	76	34.7	*9		3	20	16	01	1.0		05.0	C	24.86	C	13.91		*	P	0.30	05.2		
18	06	64	05.0	LA	0002	37	03.1	76	34.7	*9		3	20	16	01	1.0		07.0	C	24.86	C	14.10	L	29	P	0.00	05.2		
18	06	64	05.0	LA	0002	37	03.1	76	34.7	*9		3	20	16	01	1.0		08.0	C	24.77	C	14.64		*		*	*		
18	06	64	05.0	LA	0002	37	03.1	76	34.7	*9		3	20	16	01	1.0		09.0	C	24.66	C	15.40		*		*	*		
18	06	64	05.5	LA	0002	37	03.1	76	34.7	9		3			*			00.0	C	24.51	C	9.76	L	28	D	0.30	05.6		
18	06	64	05.5	LA	0002	37	03.1	76	34.7	9		3			*			02.0	C	24.71	C	11.17		*	P	0.20	05.7		
18	06	64	05.5	LA	0002	37	03.1	76	34.7	9		3			*			03.0	C	24.72	C	12.22	L	32	P	0.40	05.7		
18	06	64	05.5	LA	0002	37	03.1	76	34.7	9		3			*			04.0	C	24.88	C	13.31		*	P	0.40	05.7		
18	06	64	05.5	LA	0002	37	03.1	76	34.7	9		3			*			05.0	C	24.82	C	14.02		*	P	0.30	05.7		
18	06	64	05.5	LA	0002	37	03.1	76	34.7	9		3			*			07.0	C	24.82	C	14.33	L	27	P	0.20	05.7		
18	06	64	05.5	LA	0002	37	03.1	76	34.7	9		3			*			08.0	C	24.76	C	14.72		*		*	*		
18	06	64	05.5	LA	0002	37	03.1	76	34.7	9		3			*			09.0	C	24.62	C	15.59		*		*	*		
18	06	64	06.0	LA	0002	37	03.1	76	34.7	10		3	21	18	00	0.9		00.0	C	24.42	C	9.67	L	30	D	0.20	06.1		
18	06	64	06.0	LA	0002	37	03.1	76	34.7	10		3	21	18	00	0.9		02.0	C	24.65	C	11.10		*	P	0.30	06.2		
18	06	64	06.0	LA	0002	37	03.1	76	34.7	10		3	21	18	00	0.9		03.0	C	24.75	C	12.53		*	P	0.40	06.2		
18	06	64	06.0	LA	0002	37	03.1	76	34.7	10		3	21	18	00	0.9		04.0	C	24.80	C	13.09		*		*	06.2		
18	06	64	06.0	LA	0002	37	03.1	76	34.7	10		3	21	18	00	0.9		05.0	C	24.80	C	14.08		*	P	0.20	06.2		
18	06	64	06.0	LA	0002	37	03.1	76	34.7	10		3	21	18	00	0.9		07.0	C	24.80	C	14.48		*	P	0.30	06.2		
18	06	64	06.0	LA	0002	37	03.1	76	34.7	10		3	21	18	00	0.9		09.0	C	24.60	C	15.68		*		*	*		
18	06	64	06.5	LA	0002	37	03.1	76	34.7	9		4			*			00.0	C	24.60	C	11.14	L	29	D	0.00	06.6		
18	06	64	06.5	LA	0002	37	03.1	76	34.7	9		4			*			02.0	C	24.60	C	11.40		*	P	0.20	06.7		
18	06	64	06.5	LA	0002	37	03.1	76	34.7	9		4			*			03.0	C	24.85	C	12.38		*		*	*		
18	06	64	06.5	LA	0002	37	03.1	76	34.7	9		4			*			04.0	C	24.75	C	13.57		*	P	0.20	06.7		
18	06	64	06.5	LA	0002	37	03.1	76	34.7	9		4			*			05.0	C	24.75	C	13.83		*	P	0.20	06.7		
18	06	64	06.5	LA	0002	37	03.1	76	34.7	9		4			*			07.0	C	24.70	C	14.73	L	27	P	0.20	06.7		
18	06	64	06.5	LA	0002	37	03.1	76	34.7	9		4			*			09.0	C	24.62	C	14.99		*		*	*		
18	06	64	07.0	LA	0002	37	03.1	76	34.7	*9		4	22	18	00	0.9		00.0	C	24.65	C	11.69	L	24	D	0.00	07.1		
18	06	64	07.0	LA	0002	37	03.1	76	34.7	*9		4	22	18	00	0.9		02.0	C	24.75	C	11.95		*		*	*		
18	06	64	07.0	LA	0002	37	03.1	76	34.7	*9		4	22	18	00	0.9		03.0	C	24.84	C	12.99		*		*	*		
18	06	64	07.0	LA	0002	37	03.1	76	34.7	*9		4	22	18	00	0.9		04.0	C	24.71	C	13.67		*		*	*		
18	06	64	07.0	LA	0002	37	03.1	76	34.7	*9		4	22	18	00	0.9		05.0	C	24.73	C	14.20		*		*	*		
18	06	64	07.0	LA	0002	37	03.1	76	34.7	*9		4	22	18	00	0.9		07.0		•		4		*		*	*		
18	06	64	07.0	LA	0002	37	03.1	76	34.7	*9		4	22	18	00	0.9		09.0	C	24.63	C	15.30		*		*	*		
18	06	64	07.5	LA	0002	37	03.1	76	34.7	9		5			*			00.0	C	24.60	C	11.14	L	12	D	0.00	07.6		
18	06	64	07.5	LA	0002	37	03.1	76	34.7	9		5			*			02.0	C	24.80	C	11.50		*		*	*		
18	06	64	07.5	LA	0002	37	03.1	76	34.7	9		5			*			03.0	C	24.70	C	13.35		*		*	*		
18	06	64	07.5	LA	0002	37	03.1	76	34.7	9		5			*			04.0	C	24.70	C	13.54		*		*	*		
18	06	64	07.5	LA	0002	37	03.1	76	34.7	9		5			*			05.0	C	24.65	C	13.59		*		*	*		
18	06	64	07.5	LA	0002	37	03.1	76	34.7	9		5			*			07.0	C	24.65	C	14.48		*		*	*		
18	06	64	07.5	LA	0002	37	03.1	76	34.7	9		5			*			09.0	C	24.60	C	15.35		*		*	*		
18	06	64	08.0	LA	0002	37	03.1	76	34.7	8		5	25	8	00	0.9		00.0	C	24.70	C	10.56	L	10	D	0.20	08.1		
18	06	64	08.0	LA	0002	37	03.1	76	34.7	8		5	25	8	00	0.9		02.0	C	24.75	C	13.30	L	14	P	0.20	08.2		
18	06	64	08.0	LA	0002	37	03.1	76	34.7	8		5	25	8	00	0.9		03.0	C	24.65	C	13.48		*		*	*		
18	06	64	08.0	LA	0002	37	03.1	76	34.7	8		5	25	8	00	0.9		04.0	C	24.70	C	13.85	L	14	P	0.20	08.2		
18	06	64	08.0	LA	0002	37	03.1	76	34.7	8		5	25	8	00	0.9		05.0	C	24.65	C	14.62	L	10	P	0.20	08.2		
18	06	64	08.0	LA	0002	37	03.1	76	34.7	8		5	25	8	00	0.9		07.0	C	24.60	C	15.95	L	10	P	0.20	*		
18	06	64	08.0	LA	0002	37	03.1	76	34.7	8		5	25	8	00	0.9		08.0	C	24.60	C	15.48		*		*	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
18	06	64	08.5	LA	0002	37	03.1	76	34.7	8	5			*		00.0	C	24.95	C	11.60	L	11	D	0.30	08.6
18	06	64	08.5	LA	0002	37	03.1	76	34.7	8	5			*		02.0	C	24.75	C	12.74	L	16	P	0.40	08.6
18	06	64	08.5	LA	0002	37	03.1	76	34.7	8	5			*		03.0	C	24.70	C	13.26		*		*	*
18	06	64	08.5	LA	0002	37	03.1	76	34.7	8	5			*		04.0	C	24.70	C	13.40	L	16	P	0.30	08.7
18	06	64	08.5	LA	0002	37	03.1	76	34.7	8	5			*		05.0	C	24.75	C	13.77	L	18	P	0.30	08.7
18	06	64	08.5	LA	0002	37	03.1	76	34.7	8	5			*		07.0	C	24.75	C	14.48	L	18	P	0.30	*
18	06	64	08.5	LA	0002	37	03.1	76	34.7	8	5			*		08.0	C	24.70	C	14.86		*		*	*
18	06	64	09.0	LA	0002	37	03.1	76	34.7	*8	6	26	12	04	1.0	00.0	C	24.95	C	9.66	L	12	D	0.40	09.1
18	06	64	09.0	LA	0002	37	03.1	76	34.7	*8	6	26	12	04	1.0	02.0	C	24.85	C	12.25	L	14	P	0.40	09.1
18	06	64	09.0	LA	0002	37	03.1	76	34.7	*8	6	26	12	04	1.0	03.0	C	24.80	C	12.43		*		*	*
18	06	64	09.0	LA	0002	37	03.1	76	34.7	*8	6	26	12	04	1.0	04.0	C	24.90	C	12.60	L	14	P	0.40	09.2
18	06	64	09.0	LA	0002	37	03.1	76	34.7	*8	6	26	12	04	1.0	05.0	C	24.80	C	13.17	L	08	P	0.30	09.2
18	06	64	09.0	LA	0002	37	03.1	76	34.7	*8	6	26	12	04	1.0	07.0	C	24.80	C	14.43	L	08	P	0.40	09.2
18	06	64	09.0	LA	0002	37	03.1	76	34.7	*8	6	26	12	04	1.0	08.0	C	24.70	C	14.72		*		*	*
18	06	64	09.5	LA	0002	37	03.1	76	34.7	8	6			*		00.0	C	25.10	C	9.78	L	11	D	0.50	09.7
18	06	64	09.5	LA	0002	37	03.1	76	34.7	8	6			*		02.0	C	24.90	C	11.06	L	13	P	0.50	09.8
18	06	64	09.5	LA	0002	37	03.1	76	34.7	8	6			*		03.0	C	24.90	C	11.91		*		*	*
18	06	64	09.5	LA	0002	37	03.1	76	34.7	8	6			*		04.0	C	24.90	C	12.06	L	13	P	0.30	09.9
18	06	64	09.5	LA	0002	37	03.1	76	34.7	8	6			*		05.0	C	24.80	C	12.56	L	08	P	0.30	09.9
18	06	64	09.5	LA	0002	37	03.1	76	34.7	8	6			*		07.0	C	24.80	C	13.75	L	08	P	0.40	09.9
18	06	64	09.5	LA	0002	37	03.1	76	34.7	8	6			*		08.0	C	24.80	C	13.76		*		*	*
18	06	64	10.0	LA	0002	37	03.1	76	34.7	*8	6	27	11	02	0.9	00.0	C	24.30	C	10.17	L	12	D	0.50	10.1
18	06	64	10.0	LA	0002	37	03.1	76	34.7	*8	6	27	11	02	0.9	02.0	C	25.15	C	10.30	L	13	P	0.50	10.2
18	06	64	10.0	LA	0002	37	03.1	76	34.7	*8	6	27	11	02	0.9	03.0	C	25.10	C	11.06		*		*	*
18	06	64	10.0	LA	0002	37	03.1	76	34.7	*8	6	27	11	02	0.9	04.0	C	25.05	C	11.31	L	13	P	0.40	10.2
18	06	64	10.0	LA	0002	37	03.1	76	34.7	*8	6	27	11	02	0.9	05.0	C	25.00	C	11.56	L	09	P	0.50	10.2
18	06	64	10.0	LA	0002	37	03.1	76	34.7	*8	6	27	11	02	0.9	07.0	C	24.85	C	13.07	L	09	P	0.40	10.2
18	06	64	10.2	LA	0002	37	03.1	76	34.7	7	*			*		00.0	C	25.30	C	10.79		*		*	*
18	06	64	10.2	LA	0002	37	03.1	76	34.7	7	*			*		02.0	C	25.10	C	11.11		*		*	*
18	06	64	10.2	LA	0002	37	03.1	76	34.7	7	*			*		03.0	C	25.10	C	11.14		*		*	*
18	06	64	10.2	LA	0002	37	03.1	76	34.7	7	*			*		04.0	C	25.00	C	11.15		*		*	*
18	06	64	10.2	LA	0002	37	03.1	76	34.7	7	*			*		05.0	C	24.90	C	11.68		*		*	*
18	06	64	10.2	LA	0002	37	03.1	76	34.7	7	*			*		07.0	C	24.90	C	12.80		*		*	*
18	06	64	10.5	LA	0002	37	03.1	76	34.7	8	7			*		00.0	C	25.40	C	10.50	L	12	D	0.30	10.7
18	06	64	10.5	LA	0002	37	03.1	76	34.7	8	7			*		02.0	C	25.20	C	10.62	L	12	P	0.40	10.7
18	06	64	10.5	LA	0002	37	03.1	76	34.7	8	7			*		03.0	C	25.00	C	10.71		*		*	*
18	06	64	10.5	LA	0002	37	03.1	76	34.7	8	7			*		04.0	C	24.90	C	10.88	L	12	P	0.40	10.7
18	06	64	10.5	LA	0002	37	03.1	76	34.7	8	7			*		05.0	C	24.90	C	11.99	L	07	P	0.40	*
18	06	64	10.5	LA	0002	37	03.1	76	34.7	8	7			*		07.0	C	24.95	C	12.52	L	07	P	0.40	10.7
18	06	64	11.0	LA	0002	37	03.1	76	34.7	*8	7	28	10	04	0.9	00.0	C	25.40	C	9.94	L	13	D	0.40	11.1
18	06	64	11.0	LA	0002	37	03.1	76	34.7	*8	7	28	10	04	0.9	02.0	C	25.30	C	10.11	L	09	P	0.30	11.2
18	06	64	11.0	LA	0002	37	03.1	76	34.7	*8	7	28	10	04	0.9	03.0	C	25.25	C	10.22		*		*	11.2
18	06	64	11.0	LA	0002	37	03.1	76	34.7	*8	7	28	10	04	0.9	04.0	C	25.00	C	10.83	L	09	P	0.30	11.2
18	06	64	11.0	LA	0002	37	03.1	76	34.7	*8	7	28	10	04	0.9	05.0	C	24.90	C	11.47	L	15	P	0.40	11.2
18	06	64	11.0	LA	0002	37	03.1	76	34.7	*8	7	28	10	04	0.9	07.0	C	24.90	C	11.94	L	15	P	0.30	*
18	06	64	11.5	LA	0002	37	03.1	76	34.7	8	7			*		00.0	C	25.40	C	9.80	L	14	D	0.20	11.6
18	06	64	11.5	LA	0002	37	03.1	76	34.7	8	7			*		02.0	C	25.35	C	9.86	L	12	P	0.20	11.7
18	06	64	11.5	LA	0002	37	03.1	76	34.7	8	7			*		03.0	C	25.30	C	9.88		*		*	*
18	06	64	11.5	LA	0002	37	03.1	76	34.7	8	7			*		04.0	C	25.10	C	10.29	L	12	P	0.40	11.7
18	06	64	11.5	LA	0002	37	03.1	76	34.7	8	7			*		05.0	C	24.95	C	11.09	L	07	P	0.40	11.7
18	06	64	11.5	LA	0002	37	03.1	76	34.7	8	7			*		07.0	C	24.90	C	11.55	L	07	P	0.40	11.7
18	06	64	12.0	LA	0002	37	03.1	76	34.7	*8	7	27	15	03	1.0	00.0	C	25.50	C	9.20	L	18	D	0.20	12.1
18	06	64	12.0	LA	0002	37	03.1	76	34.7	*8	7	27	15	03	1.0	02.0	C	25.35	C	9.79		*	P	0.20	12.2
18	06	64	12.0	LA	0002	37	03.1	76	34.7	*8	7	27	15	03	1.0	03.0	C	25.35	C	9.84	L	14	P	0.20	12.2
18	06	64	12.0	LA	0002	37	03.1	76	34.7	*8	7	27	15	03	1.0	04.0	C	25.30	C	9.90		*	P	0.30	12.2
18	06	64	12.0	LA	0002	37	03.1	76	34.7	*8	7	27	15	03	1.0	05.0	C	25.20	C	10.04		*	P	0.40	12.2
18	06	64	12.0	LA	0002	37	03.1	76	34.7	*8	7	27	15	03	1.0	07.0	C	24.90	C	11.19	L	08	P	0.30	*
18	06	64	12.0	LA	0002	37	03.1	76	34.7	*8	7	27	15	03	1.0	08.0	C	24.90	C	11.34		*		*	*
18	06	64	12.5	LA	0002	37	03.1	76	34.7	8	7			*		00.0	C	25.60	C	8.88	L	17	D	0.20	12.6
18	06	64	12.5	LA	0002	37	03.1	76	34.7	8	7			*		02.0	C	25.35	C	9.44		*	P	0.10	12.7
18	06	64	12.5	LA	0002	37	03.1	76	34.7	8	7			*		03.0	C	25.30	C	9.65	L	19	P	0.10	12.7
18	06	64	12.5	LA	0002	37	03.1	76	34.7	8	7			*		04.0	C	25.20	C	9.86		*	P	0.20	12.7
18	06	64	12.5	LA	0002	37	03.1	76	34.7	8	7			*		05.0	C	25.05	C	10.18		*	P	0.30	12.7
18	06	64	12.5	LA	0002	37	03.1	76	34.7	8	7			*		07.0	C	24.90	C	11.26	L	33	P	0.10	12.7
18	06	64	12.5	LA	0002	37	03.1	76	34.7	8	7			*		08.0	C	24.90	C	11.89		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
18	06	64	13.0	LA	0002	37	03.1	76	34.7	*8		8	27	14	08	0.8		00.0	C	25.70	C	8.83	L	18	D	0.10	13.1		
18	06	64	13.0	LA	0002	37	03.1	76	34.7	*8		8	27	14	08	0.8		02.0	C	25.35	C	9.49		*	P	0.20	13.2		
18	06	64	13.0	LA	0002	37	03.1	76	34.7	*8		8	27	14	08	0.8		03.0	C	25.25	C	9.71	L	18	P	0.20	13.2		
18	06	64	13.0	LA	0002	37	03.1	76	34.7	*8		8	27	14	08	0.8		04.0	C	25.20	C	9.91		*	P	0.20	13.2		
18	06	64	13.0	LA	0002	37	03.1	76	34.7	*8		8	27	14	08	0.8		05.0	C	25.00	C	10.33		*	P	0.20	13.2		
18	06	64	13.0	LA	0002	37	03.1	76	34.7	*8		8	27	14	08	0.8		07.0	C	24.95	C	11.27	L	35	P	0.00	*		
18	06	64	13.0	LA	0002	37	03.1	76	34.7	*8		8	27	14	08	0.8		08.0	C	24.90	C	11.63		*		*	*		
18	06	64	13.5	LA	0002	37	03.1	76	34.7	8		8			*			00.0	C	25.45	C	9.26	L	27	P	0.00	13.6		
18	06	64	13.5	LA	0002	37	03.1	76	34.7	8		8			*			02.0	C	25.55	C	9.26		*	P	0.20	13.7		
18	06	64	13.5	LA	0002	37	03.1	76	34.7	8		8			*			03.0	C	25.20	C	9.73	L	12	P	0.20	13.7		
18	06	64	13.5	LA	0002	37	03.1	76	34.7	8		8			*			07.0	C	24.95	C	11.22	L	35	P	0.20	13.7		
18	06	64	13.5	LA	0002	37	03.1	76	34.7	8		8			*			04.0	C	25.05	C	10.18		*	P	0.10	13.7		
18	06	64	13.5	LA	0002	37	03.1	76	34.7	8		8			*			05.0	C	24.95	C	10.83		*	P	0.10	13.7		
18	06	64	13.5	LA	0002	37	03.1	76	34.7	8		8			*			08.0	C	24.95	C	11.50		*		*	*		
18	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	28	15	05	1.0		00.0	C	25.71	C	9.60	L	31	D	0.20	14.1		
18	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	28	15	05	1.0		02.0	C	25.24	C	9.80		*	P	0.20	14.2		
18	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	28	15	05	1.0		03.0	C	25.04	C	10.08	L	29	P	0.10	14.2		
18	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	28	15	05	1.0		04.0	C	24.94	C	10.78		*	P	0.10	14.2		
18	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	28	15	05	1.0		05.0	C	24.94	C	11.04		*	P	0.20	14.2		
18	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	28	15	05	1.0		07.0	C	24.90	C	11.94	L	32	P	0.30	14.2		
18	06	64	14.0	LA	0002	37	03.1	76	34.7	*8		1	28	15	05	1.0		08.0	C	24.86	C	12.69		*		*	*		
18	06	64	14.5	LA	0002	37	03.1	76	34.7	8		1			*			00.0	C	25.65	C	9.80	L	36	D	0.20	14.6		
18	06	64	14.5	LA	0002	37	03.1	76	34.7	8		1			*			02.0	C	25.45	C	9.86		*	P	0.30	14.7		
18	06	64	14.5	LA	0002	37	03.1	76	34.7	8		1			*			03.0	C	25.30	C	9.83	L	26	P	0.30	14.7		
18	06	64	14.5	LA	0002	37	03.1	76	34.7	8		1			*			04.0	C	25.15	C	10.00		*	P	0.40	14.7		
18	06	64	14.5	LA	0002	37	03.1	76	34.7	8		1			*			05.0	C	25.00	C	12.03		*	P	0.40	14.7		
18	06	64	14.5	LA	0002	37	03.1	76	34.7	8		1			*			07.0	C	25.00	C	12.39	L	27	P	0.60	14.7		
18	06	64	14.5	LA	0002	37	03.1	76	34.7	8		1			*			08.0	C	24.80	C	13.89		*		*	*		
18	06	64	15.0	LA	0002	37	03.1	76	34.7	*9		1	29	18	06	0.8		00.0	C	25.80	C	9.34	L	36	D	0.40	15.1		
18	06	64	15.0	LA	0002	37	03.1	76	34.7	*9		1	29	18	06	0.8		02.0	C	25.50	C	9.82		*	P	0.40	15.2		
18	06	64	15.0	LA	0002	37	03.1	76	34.7	*9		1	29	18	06	0.8		03.0	C	25.20	C	10.42	L	31	P	0.40	15.2		
18	06	64	15.0	LA	0002	37	03.1	76	34.7	*9		1	29	18	06	0.8		04.0	C	25.20	C	10.77		*	P	0.40	15.2		
18	06	64	15.0	LA	0002	37	03.1	76	34.7	*9		1	29	18	06	0.8		05.0	C	25.95	C	11.99		*	P	0.40	15.2		
18	06	64	15.0	LA	0002	37	03.1	76	34.7	*9		1	29	18	06	0.8		07.0	C	24.85	C	12.91	L	25	P	0.40	15.2		
18	06	64	15.0	LA	0002	37	03.1	76	34.7	*9		1	29	18	06	0.8		08.0	C	24.80	C	13.64		*		*	*		
18	06	64	15.0	LA	0002	37	03.1	76	34.7	*9		1	29	18	06	0.8		09.0	C	24.75	C	14.02		*		*	*		
18	06	64	15.5	LA	0002	37	03.1	76	34.7	9		2			*			00.0	C	25.65	C	9.45	L	35	P	0.40	15.6		
18	06	64	15.5	LA	0002	37	03.1	76	34.7	9		2			*			02.0	C	25.55	C	9.73		*	P	0.50	15.7		
18	06	64	15.5	LA	0002	37	03.1	76	34.7	9		2			*			03.0	C	25.10	C	10.96	L	31	P	0.50	15.7		
18	06	64	15.5	LA	0002	37	03.1	76	34.7	9		2			*			04.0	C	25.00	C	12.23		*	P	0.60	15.7		
18	06	64	15.5	LA	0002	37	03.1	76	34.7	9		2			*			05.0	C	24.90	C	12.88		*	P	0.50	15.7		
18	06	64	15.5	LA	0002	37	03.1	76	34.7	9		2			*			07.0	C	24.80	C	13.24	L	29	P	0.40	15.7		
18	06	64	15.5	LA	0002	37	03.1	76	34.7	9		2			*			08.0	C	24.75	C	13.78	A	*		*	*		
18	06	64	15.5	LA	0002	37	03.1	76	34.7	9		2			*			09.0	C	24.75	C	14.07		*		*	*		
18	06	64	16.0	LA	0002	37	03.1	76	34.7	*9		3	28	20	08	0.8		00.0	C	25.55	C	9.51	L	36	D	0.30	16.1		
18	06	64	16.0	LA	0002	37	03.1	76	34.7	*9		3	28	20	08	0.8		02.0	C	25.50	C	9.59		*	P	0.30	16.2		
18	06	64	16.0	LA	0002	37	03.1	76	34.7	*9		3	28	20	08	0.8		03.0	C	25.40	C	9.79	L	29	P	0.50	16.2		
18	06	64	16.0	LA	0002	37	03.1	76	34.7	*9		3	28	20	08	0.8		04.0	C	25.00	C	11.64		*	P	0.60	16.2		
18	06	64	16.0	LA	0002	37	03.1	76	34.7	*9		3	28	20	08	0.8		05.0	C	24.90	C	12.89		*	P	0.60	16.2		
18	06	64	16.0	LA	0002	37	03.1	76	34.7	*9		3	28	20	08	0.8		07.0	C	24.80	C	13.43	L	28	P	0.40	*		
18	06	64	16.0	LA	0002	37	03.1	76	34.7	*9		3	28	20	08	0.8		08.0	C	24.80	C	13.41		*		*	*		
18	06	64	16.0	LA	0002	37	03.1	76	34.7	*9		3	28	20	08	0.8		09.0	C	24.70	C	14.18		*		*	*		
18	06	64	16.5	LA	0002	37	03.1	76	34.7	9		3			*			00.0	C	25.45	C	9.80	L	29	D	0.30	16.6		
18	06	64	16.5	LA	0002	37	03.1	76	34.7	9		3			*			02.0	C	25.45	C	9.88		*	P	0.30	16.7		
18	06	64	16.5	LA	0002	37	03.1	76	34.7	9		3			*			03.0	C	25.45	C	9.91	L	32	P	0.30	16.7		
18	06	64	16.5	LA	0002	37	03.1	76	34.7	9		3			*			04.0	C	25.40	C	10.10		*	P	0.40	16.7		
18	06	64	16.5	LA	0002	37	03.1	76	34.7	9		3			*			05.0	C	25.25	C	10.73		*	P	0.50	16.7		
18	06	64	16.5	LA	0002	37	03.1	76	34.7	9		3			*			07.0	C	24.95	C	13.00	L	35	P	0.40	16.7		
18	06	64	16.5	LA	0002	37	03.1	76	34.7	9		3			*			08.0	C	24.85	C	13.52		*		*	*		
18	06	64	16.5	LA	0002	37	03.1	76	34.7	9		3			*			09.0	C	24.75	C	14.07		*		*	*		
18	06	64	17.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	08	0.8		00.0	C	25.45	C	10.13	L	34	D	0.20	17.1		
18	06	64	17.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	08	0.8		02.0	C	25.45	C	10.16		*	P	0.30	17.2		
18	06	64	17.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	08	0.8		03.0	C	25.50	C	10.47	L	27	P	0.40	17.2		
18	06	64	17.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	08	0.8		04.0	C	25.60	C	11.19		*	P	0.50	17.2		
18	06	64	17.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	08	0.8		05.0	C	25.35	C	12.41		*	P	0.60	17.2		
18	06	64	17.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	08	0.8		07.0	C	24.85	C	13.67	L	26	P	0.40	17.2		
18	06	64	17.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	08	0.8		08.0	C	24.80	C	13.86		*		*	*		
18	06	64	17.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	08	0.8		09.0	C	24.70	C	14.42		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
18	06	64	17.5	LA	0002	37	03.1	76	34.7	9		3			*			00.0	C	25.54	C	10.58	L	34	D	0.30	17.6	
18	06	64	17.5	LA	0002	37	03.1	76	34.7	9		3			*			02.0	C	25.59	C	10.61		*	P	0.30	17.7	
18	06	64	17.5	LA	0002	37	03.1	76	34.7	9		3			*			03.0	C	25.70	C	10.86	L	28	P	0.40	17.7	
18	06	64	17.5	LA	0002	37	03.1	76	34.7	9		3			*			04.0	C	25.55	C	11.87		*	P	0.50	17.7	
18	06	64	17.5	LA	0002	37	03.1	76	34.7	9		3			*			05.0	C	25.23	C	12.59		*	P	0.50	17.7	
18	06	64	17.5	LA	0002	37	03.1	76	34.7	9		3			*			07.0	C	24.98	C	13.33	L	27	P	0.40	17.7	
18	06	64	17.5	LA	0002	37	03.1	76	34.7	9		3			*			08.0	C	24.87	C	13.64		*		*	*	
18	06	64	17.5	LA	0002	37	03.1	76	34.7	9		3			*			09.0	C	24.63	C	15.00		*		*	*	
18	06	64	18.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	06			00.0	C	25.25	C	11.88	L	13	D	0.20	18.1	
18	06	64	18.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	06			02.0	C	25.25	C	11.96	L	09	P	0.20	18.2	
18	06	64	18.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	06			03.0	C	25.25	C	12.01		*		*	*	
18	06	64	18.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	06			04.0	C	25.25	C	12.11	L	09	D	0.50	18.2	
18	06	64	18.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	06			05.0	C	25.30	C	12.82	L	08	P	0.50	18.2	
18	06	64	18.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	06			07.0	C	25.05	C	13.61	L	08	P	0.30	18.2	
18	06	64	18.0	LA	0002	37	03.1	76	34.7	*9		3	27	21	06			08.0	C	24.60	C	15.27		*		*	*	
18	06	64	18.5	LA	0002	37	03.1	76	34.7	10		4		*	*			00.0	C	25.20	C	11.64	L	19	D	0.00	18.6	
18	06	64	18.5	LA	0002	37	03.1	76	34.7	10		4		*	*			02.0	C	25.20	C	11.80	L	09	P	0.20	18.7	
18	06	64	18.5	LA	0002	37	03.1	76	34.7	10		4		*	*			03.0	C	25.15	C	12.00		*		*	*	
18	06	64	18.5	LA	0002	37	03.1	76	34.7	10		4		*	*			04.0	C	25.05	C	12.80	L	09	P	0.40	18.7	
18	06	64	18.5	LA	0002	37	03.1	76	34.7	10		4		*	*			05.0	C	25.10	C	13.01	L	09	P	0.40	18.7	
18	06	64	18.5	LA	0002	37	03.1	76	34.7	10		4		*	*			07.0	C	25.00	C	13.68	L	09	P	0.40	18.7	
18	06	64	18.5	LA	0002	37	03.1	76	34.7	10		4		*	*			08.0	C	24.60	C	15.29		*		*	*	
18	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	26	18	03			00.0	C	25.10	C	11.57	L	36	D	0.00	19.1	
18	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	26	18	03			02.0	C	25.10	C	12.12	L	09	P	0.00	19.1	
18	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	26	18	03			03.0	C	25.05	C	12.45		*		*	*	
18	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	26	18	03			04.0	C	25.00	C	12.76	L	09	P	0.23	19.1	
18	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	26	18	03			05.0	C	24.95	C	12.92	L	12	P	0.24	19.2	
18	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	26	18	03			07.0	C	24.90	C	13.90	L	12	P	0.23	19.2	
18	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	26	18	03			08.0	C	24.85	C	14.10		*		*	*	
18	06	64	19.0	LA	0002	37	03.1	76	34.7	10		4	26	18	03			09.0	C	24.60	C	15.30		*		*	*	
18	06	64	19.5	LA	0002	37	03.1	76	34.7	9		4			*			00.0	C	25.10	C	12.01	L	36	D	0.00	19.6	
18	06	64	19.5	LA	0002	37	03.1	76	34.7	9		4			*			02.0	C	25.00	C	12.52		*		*	*	
18	06	64	19.5	LA	0002	37	03.1	76	34.7	9		4			*			03.0	C	25.00	C	12.63		*		*	*	
18	06	64	19.5	LA	0002	37	03.1	76	34.7	9		4			*			04.0	C	25.00	C	12.74		*		*	*	
18	06	64	19.5	LA	0002	37	03.1	76	34.7	9		4			*			05.0	C	25.00	C	12.92		*		*	*	
18	06	64	19.5	LA	0002	37	03.1	76	34.7	9		4			*			07.0	C	24.80	C	14.13		*		*	*	
18	06	64	19.5	LA	0002	37	03.1	76	34.7	9		4			*			09.0	C	24.70	C	14.97		*		*	*	
18	06	64	20.0	LA	0002	37	03.1	76	34.7	*8		5	26	16	03			00.0	C	25.00	C	12.69	L	10	D	0.00	20.1	
18	06	64	20.0	LA	0002	37	03.1	76	34.7	*8		5	26	16	03			02.0	C	25.05	C	12.89		*		*	*	
18	06	64	20.0	LA	0002	37	03.1	76	34.7	*8		5	26	16	03			03.0	C	24.95	C	13.28		*		*	*	
18	06	64	20.0	LA	0002	37	03.1	76	34.7	*8		5	26	16	03			04.0	C	24.95	C	13.29		*		*	*	
18	06	64	20.0	LA	0002	37	03.1	76	34.7	*8		5	26	16	03			05.0	C	24.85	C	13.87		*		*	*	
18	06	64	20.0	LA	0002	37	03.1	76	34.7	*8		5	26	16	03			07.0	C	24.70	C	14.50		*		*	*	
18	06	64	20.5	LA	0002	37	03.1	76	34.7	9		5			*			00.0	C	24.90	C	12.64	L	33	D	0.00	20.6	
18	06	64	20.5	LA	0002	37	03.1	76	34.7	9		5			*			02.0	C	24.95	C	13.25		*		*	*	
18	06	64	20.5	LA	0002	37	03.1	76	34.7	9		5			*			03.0	C	24.90	C	13.50		*		*	*	
18	06	64	20.5	LA	0002	37	03.1	76	34.7	9		5			*			04.0	C	24.90	C	13.55		*		*	*	
18	06	64	20.5	LA	0002	37	03.1	76	34.7	9		5			*			05.0	C	24.80	C	13.97		*		*	*	
18	06	64	20.5	LA	0002	37	03.1	76	34.7	9		5			*			07.0	C	24.75	C	14.48		*		*	*	
18	06	64	20.5	LA	0002	37	03.1	76	34.7	9		5			*			09.0	C	24.65	C	15.03		*		*	*	
18	06	64	21.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	06			00.0	C	25.00	C	12.84	L	14	D	0.13	21.1	
18	06	64	21.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	06			02.0	C	24.90	C	13.10	L	15	P	0.22	21.2	
18	06	64	21.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	06			03.0	C	24.90	C	13.47		*		*	*	
18	06	64	21.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	06			04.0	C	24.80	C	13.78	L	15	P	0.25	21.2	
18	06	64	21.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	06			05.0	C	24.85	C	13.92	L	11	P	0.20	21.2	
18	06	64	21.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	06			07.0	C	24.60	C	14.94	L	11	P	0.22	21.2	
18	06	64	21.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	06			08.0	C	24.60	C	15.11		*		*	*	
18	06	64	21.5	LA	0002	37	03.1	76	34.7	9		5			*			00.0	C	25.00	C	12.57	L	12	D	0.23	21.6	
18	06	64	21.5	LA	0002	37	03.1	76	34.7	9		5			*			02.0	C	25.10	C	12.72	L	15	P	0.31	21.7	
18	06	64	21.5	LA	0002	37	03.1	76	34.7	9		5			*			03.0	C	25.05	C	12.59		*		*	*	
18	06	64	21.5	LA	0002	37	03.1	76	34.7	9		5			*			04.0	C	25.00	C	13.36	L	15	D	0.31	21.7	
18	06	64	21.5	LA	0002	37	03.1	76	34.7	9		5			*			05.0	C	24.90	C	13.81	L	10	P	0.26	21.7	
18	06	64	21.5	LA	0002	37	03.1	76	34.7	9		5			*			07.0	C	24.85	C	14.08	L	10	P	0.31	21.7	
18	06	64	21.5	LA	0002	37	03.1	76	34.7	9		5			*			08.0	C	24.75	C	14.51		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY N/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
18	06	64	22.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	05			00.0	C	25.05	C	12.22	L	12	D	0.22	22.1		
18	06	64	22.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	05			02.0	C	25.10	C	12.41	L	13	P	0.30	22.1		
18	06	64	22.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	05			03.0	C	25.15	C	12.41		*		*	*		
18	06	64	22.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	05			04.0	C	25.15	C	12.46	L	13	P	0.30	22.2		
18	06	64	22.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	05			05.0	C	25.10	C	13.06	L	09	P	0.30	22.2		
18	06	64	22.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	05			07.0	C	24.90	C	13.70	L	09	P	0.38	22.2		
18	06	64	22.0	LA	0002	37	03.1	76	34.7	*9		5	25	18	05			08.0	C	24.80	C	14.34		*		*	*		
18	06	64	22.5	LA	0002	37	03.1	76	34.7	9		6			*			00.0	C	25.05	C	12.09	L	11	D	0.38	22.6		
18	06	64	22.5	LA	0002	37	03.1	76	34.7	9		6			*			02.0	C	25.10	C	12.17	L	13	P	0.34	22.7		
18	06	64	22.5	LA	0002	37	03.1	76	34.7	9		6			*			03.0	C	25.12	C	12.35		*		*	*		
18	06	64	22.5	LA	0002	37	03.1	76	34.7	9		6			*			04.0	C	25.10	C	12.59	L	13	P	0.30	22.7		
18	06	64	22.5	LA	0002	37	03.1	76	34.7	9		6			*			05.0	C	25.05	C	12.82	L	09	P	0.34	22.7		
18	06	64	22.5	LA	0002	37	03.1	76	34.7	9		6			*			07.0	C	25.00	C	12.95	L	09	P	0.44	22.6		
18	06	64	22.5	LA	0002	37	03.1	76	34.7	9		6			*			08.0	C	24.90	C	13.50		*		*	*		
18	06	64	23.0	LA	0002	37	03.1	76	34.7	*9		6	25	18	07			00.0	C	25.00	C	11.77	L	12	D	0.38	23.1		
18	06	64	23.0	LA	0002	37	03.1	76	34.7	*9		6	25	18	07			02.0	C	25.00	C	11.82	L	15	P	0.40	23.1		
18	06	64	23.0	LA	0002	37	03.1	76	34.7	*9		6	25	18	07			03.0	C	25.00	C	11.82		*		*	*		
18	06	64	23.0	LA	0002	37	03.1	76	34.7	*9		6	25	18	07			04.0	C	25.00	C	11.85	L	15	P	0.34	23.2		
18	06	64	23.0	LA	0002	37	03.1	76	34.7	*9		6	25	18	07			05.0	C	25.05	C	12.06	L	09	P	0.38	23.2		
18	06	64	23.0	LA	0002	37	03.1	76	34.7	*9		6	25	18	07			07.0	C	25.00	C	12.95	L	09	P	0.44	23.2		
18	06	64	23.0	LA	0002	37	03.1	76	34.7	*9		6	25	18	07			08.0	C	25.00	C	13.03		*		*	*		
18	06	64	23.5	LA	0002	37	03.1	76	34.7	9		6			*			00.0	C	24.90	C	11.47	L	12	D	0.40	23.6		
18	06	64	23.5	LA	0002	37	03.1	76	34.7	9		6			*			02.0	C	24.95	C	11.69	L	14	P	0.29	23.7		
18	06	64	23.5	LA	0002	37	03.1	76	34.7	9		6			*			03.0	C	25.00	C	11.80		*		*	*		
18	06	64	23.5	LA	0002	37	03.1	76	34.7	9		6			*			04.0	C	25.00	C	11.87	L	14	P	0.28	23.7		
18	06	64	23.5	LA	0002	37	03.1	76	34.7	9		6			*			05.0	C	25.00	C	11.92	L	10	P	0.34	23.7		
18	06	64	23.5	LA	0002	37	03.1	76	34.7	9		6			*			07.0	C	25.00	C	12.37	L	10	P	0.44	23.7		
18	06	64	23.5	LA	0002	37	03.1	76	34.7	9		6			*			08.0	C	25.00	C	12.53		*		*	*		
19	06	64	00.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			00.0	C	24.85	C	10.92	L	12	D	0.34	00.2		
19	06	64	00.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			02.0	C	24.90	C	11.34		*	P	0.24	00.3		
19	06	64	00.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			03.0	C	25.00	C	11.64	L	14		*	*		
19	06	64	00.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			04.0	C	25.00	C	11.66		*	P	0.24	00.3		
19	06	64	00.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			05.0	C	25.00	C	11.66		*	P	0.28	00.3		
19	06	64	00.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			07.0	C	25.00	C	12.76	L	11	P	0.32	00.3		
19	06	64	00.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			08.0	C	25.00	C	12.82		*		*	*		
19	06	64	00.5	LA	0002	37	03.1	76	34.7	9		7			*			00.0	C	24.85	C	10.60	L	12	D	0.25	00.6		
19	06	64	00.5	LA	0002	37	03.1	76	34.7	9		7			*			02.0	C	24.90	C	11.16		*	P	0.16	00.7		
19	06	64	00.5	LA	0002	37	03.1	76	34.7	9		7			*			03.0	C	24.90	C	11.19	L	15		*	*		
19	06	64	00.5	LA	0002	37	03.1	76	34.7	9		7			*			04.0	C	24.90	C	11.32		*	P	0.12	00.7		
19	06	64	00.5	LA	0002	37	03.1	76	34.7	9		7			*			05.0	C	24.90	C	11.29		*	P	0.16	00.7		
19	06	64	00.5	LA	0002	37	03.1	76	34.7	9		7			*			07.0	C	25.00	C	11.63	L	09	P	0.28	00.7		
19	06	64	00.5	LA	0002	37	03.1	76	34.7	9		7			*			08.0	C	25.00	C	11.92		*		*	*		
19	06	64	01.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			00.0	C	24.85	C	10.45	L	12	D	0.23	01.1		
19	06	64	01.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			02.0	C	24.90	C	10.80		*	P	0.22	01.2		
19	06	64	01.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			03.0	C	24.90	C	10.87	L	16		*	01.1		
19	06	64	01.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			04.0	C	24.90	C	11.11		*	P	0.20	01.2		
19	06	64	01.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			05.0	C	24.90	C	11.11		*	P	0.16	01.2		
19	06	64	01.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			07.0	C	24.95	C	11.24	L	08	P	0.10	01.2		
19	06	64	01.0	LA	0002	37	03.1	76	34.7	*9		7	24	22	07			08.0	C	25.00	C	11.46		*		*	*		
19	06	64	01.5	LA	0002	37	03.1	76	34.7	9		7			*			00.0	C	25.00	C	10.23	L	16	D	0.14	01.6		
19	06	64	01.5	LA	0002	37	03.1	76	34.7	9		7			*			02.0	C	25.05	C	10.24		*	P	0.01	01.7		
19	06	64	01.5	LA	0002	37	03.1	76	34.7	9		7			*			03.0	C	25.05	C	10.34	L	16		*	01.6		
19	06	64	01.5	LA	0002	37	03.1	76	34.7	9		7			*			04.0	C	25.05	C	10.39		*	P	0.08	01.7		
19	06	64	01.5	LA	0002	37	03.1	76	34.7	9		7			*			05.0	C	25.00	C	10.41		*	P	0.06	01.7		
19	06	64	01.5	LA	0002	37	03.1	76	34.7	9		7			*			07.0	C	24.95	C	10.99	L	08	P	0.12	01.6		
19	06	64	01.5	LA	0002	37	03.1	76	34.7	9		7			*			08.0	C	25.00	C	10.99		*		*	*		
19	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		7	24	24	07			00.0	C	25.00		9.31	L	18	D	0.19	02.1		
19	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		7	24	24	07			02.0	C	25.15		9.90		*	P	0.10	02.2		
19	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		7	24	24	07			03.0	C	25.10		10.17	L	00		*	02.2		
19	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		7	24	24	07			04.0	C	25.10		10.22		*	P	0.08	02.2		
19	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		7	24	24	07			05.0	C	25.00		10.30		*	P	0.00	02.2		
19	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		7	24	24	07			07.0	C	25.00		11.15	L	00	P	0.06	02.2		
19	06	64	02.0	LA	0002	37	03.1	76	34.7	*9		7	24	24	07			08.0	C	25.00		11.80		*		*	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
19	06	64	02.5	LA	0002	37	03.1	76	34.7	9		1			*			00.0	C	25.00	C	9.21	L	27	D	0.00	02.5	
19	06	64	02.5	LA	0002	37	03.1	76	34.7	9		1			*			02.0	C	25.10	C	10.09		*	P	0.00	02.7	
19	06	64	02.5	LA	0002	37	03.1	76	34.7	9		1			*			03.0	C	25.05	C	10.44	L	00		*	*	
19	06	64	02.5	LA	0002	37	03.1	76	34.7	9		1			*			04.0	C	25.00	C	10.48		*	P	0.00	02.7	
19	06	64	02.5	LA	0002	37	03.1	76	34.7	9		1			*			05.0	C	25.00	C	10.61		*	P	0.00	02.7	
19	06	64	02.5	LA	0002	37	03.1	76	34.7	9		1			*			07.0	C	25.00	C	10.71	L	34	P	0.18	02.7	
19	06	64	02.5	LA	0002	37	03.1	76	34.7	9		1			*			08.0	C	25.00	C	11.49		*		*	*	
19	06	64	03.0	LA	0002	37	03.1	76	34.7	10		1	26	18	07			00.0	C	25.00	C	10.30	L	32	D	0.17	03.1	
19	06	64	03.0	LA	0002	37	03.1	76	34.7	10		1	26	18	07			02.0	C	25.00	C	10.53		*	P	0.18	03.2	
19	06	64	03.0	LA	0002	37	03.1	76	34.7	10		1	26	18	07			03.0	C	25.00	C	10.66	L	33		*	03.2	
19	06	64	03.0	LA	0002	37	03.1	76	34.7	10		1	26	18	07			04.0	C	24.95	C	10.98		*	P	0.00	03.2	
19	06	64	03.0	LA	0002	37	03.1	76	34.7	10		1	26	18	07			05.0	C	24.95	C	11.06		*	P	0.00	03.2	
19	06	64	03.0	LA	0002	37	03.1	76	34.7	10		1	26	18	07			07.0	C	24.95	C	11.29	L	30	P	0.12	03.2	
19	06	64	03.0	LA	0002	37	03.1	76	34.7	10		1	26	18	07			08.0	C	24.95	C	12.20		*		*	*	
19	06	64	03.5	LA	0002	37	03.1	76	34.7	10		1		*	*			00.0	C	24.85	C	9.61	L	32	D	0.14	03.6	
19	06	64	03.5	LA	0002	37	03.1	76	34.7	10		1		*	*			02.0	C	25.00	C	9.21		*	P	0.26	03.6	
19	06	64	03.5	LA	0002	37	03.1	76	34.7	10		1		*	*			03.0	C	25.00	C	10.99	L	28		*	03.5	
19	06	64	03.5	LA	0002	37	03.1	76	34.7	10		1		*	*			04.0	C	24.95	C	11.01		*	P	0.34	03.6	
19	06	64	03.5	LA	0002	37	03.1	76	34.7	10		1		*	*			05.0	C	25.00	C	11.87		*	P	0.32	03.6	
19	06	64	03.5	LA	0002	37	03.1	76	34.7	10		1		*	*			07.0	C	24.90	C	13.05	L	28	P	0.30	03.5	
19	06	64	03.5	LA	0002	37	03.1	76	34.7	10		1		*	*			09.0	C	24.90	C	13.15		*		*	*	
19	06	64	04.0	LA	0002	37	03.1	76	34.7	10		*	23	18	07			00.0	C	24.80	C	9.81	L	00	D	0.18	04.1	
19	06	64	04.0	LA	0002	37	03.1	76	34.7	10		*	23	18	07			02.0	C	24.85	C	10.28		*	P	0.26	04.2	
19	06	64	04.0	LA	0002	37	03.1	76	34.7	10		*	23	18	07			03.0	C	24.85	C	10.50	L	28		*	04.2	
19	06	64	04.0	LA	0002	37	03.1	76	34.7	10		*	23	18	07			04.0	C	24.90	C	10.75		*	P	0.28	04.2	
19	06	64	04.0	LA	0002	37	03.1	76	34.7	10		*	23	18	07			05.0	C	24.90	C	11.18		*	P	0.30	04.2	
19	06	64	04.0	LA	0002	37	03.1	76	34.7	10		*	23	18	07			07.0	C	24.95	C	12.92	L	28	P	0.30	04.2	
19	06	64	04.0	LA	0002	37	03.1	76	34.7	10		*	23	18	07			09.0	C	24.80	C	13.99		*		*	*	
19	06	64	04.5	LA	0002	37	03.1	76	34.7	10		2		*	*			00.0	C	24.80	C	10.55	L	33	D	0.35	04.7	
19	06	64	04.5	LA	0002	37	03.1	76	34.7	10		2		*	*			02.0	C	24.85	C	11.35		*	P	0.34	04.7	
19	06	64	04.5	LA	0002	37	03.1	76	34.7	10		2		*	*			03.0	C	24.95	C	12.29	L	27		*	04.7	
19	06	64	04.5	LA	0002	37	03.1	76	34.7	10		2		*	*			04.0	C	24.95	C	12.57		*	P	0.28	04.7	
19	06	64	04.5	LA	0002	37	03.1	76	34.7	10		2		*	*			05.0	C	24.95	C	12.68		*	P	0.26	04.7	
19	06	64	04.5	LA	0002	37	03.1	76	34.7	10		2		*	*			07.0	C	24.90	C	12.86	L	27	P	0.30	04.7	
19	06	64	04.5	LA	0002	37	03.1	76	34.7	10		2		*	*			09.0	C	24.70	C	14.39		*		*	*	
19	06	64	05.0	LA	0002	37	03.1	76	34.7	10		2	23	18	09			00.0	C	24.75	C	10.41	L	35	D	0.28	05.1	
19	06	64	05.0	LA	0002	37	03.1	76	34.7	10		2	23	18	09			02.0	C	24.80	C	10.47		*	P	0.28	05.2	
19	06	64	05.0	LA	0002	37	03.1	76	34.7	10		2	23	18	09			03.0	C	24.85	C	11.30	L	27		*	05.2	
19	06	64	05.0	LA	0002	37	03.1	76	34.7	10		2	23	18	09			04.0	C	24.90	C	12.38		*	P	0.32	05.2	
19	06	64	05.0	LA	0002	37	03.1	76	34.7	10		2	23	18	09			05.0	C	24.90	C	13.12		*	P	0.00	05.2	
19	06	64	05.0	LA	0002	37	03.1	76	34.7	10		2	23	18	09			07.0	C	24.90	C	13.18	L	27	P	0.00	05.2	
19	06	64	05.0	LA	0002	37	03.1	76	34.7	10		2	23	18	09			09.0	C	24.70	C	14.40		*		*	*	
19	06	64	05.5	LA	0002	37	03.1	76	34.7	10		2		*	*			00.0	C	24.70	C	10.47	L	33	D	0.27	05.6	
19	06	64	05.5	LA	0002	37	03.1	76	34.7	10		2		*	*			02.0	C	24.70	C	10.66		*	P	0.30	05.6	
19	06	64	05.5	LA	0002	37	03.1	76	34.7	10		2		*	*			03.0	C	24.75	C	11.11	L	27		*	05.6	
19	06	64	05.5	LA	0002	37	03.1	76	34.7	10		2		*	*			04.0	C	24.80	C	11.69		*	P	0.34	05.6	
19	06	64	05.5	LA	0002	37	03.1	76	34.7	10		2		*	*			05.0	C	24.85	C	13.11		*		*	*	
19	06	64	05.5	LA	0002	37	03.1	76	34.7	10		2		*	*			07.0	C	24.85	C	13.41	L	27		*	05.6	
19	06	64	05.5	LA	0002	37	03.1	76	34.7	10		2		*	*			09.0	C	24.70	C	14.13		*		*	*	
19	06	64	06.0	LA	0002	37	03.1	76	34.7	10		2	23	21	07	0.9		00.0	C	24.60	C	10.59	L	32	D	0.13	06.1	
19	06	64	06.0	LA	0002	37	03.1	76	34.7	10		2	23	21	07	0.9		02.0	C	24.65	C	10.65		*	P	0.22	06.2	
19	06	64	06.0	LA	0002	37	03.1	76	34.7	10		2	23	21	07	0.9		03.0	C	24.75	C	11.42	L	29		*	*	
19	06	64	06.0	LA	0002	37	03.1	76	34.7	10		2	23	21	07	0.9		04.0	C	24.80	C	12.22		*	P	0.26	06.2	
19	06	64	06.0	LA	0002	37	03.1	76	34.7	10		2	23	21	07	0.9		05.0	C	24.80	C	13.33		*	P	0.26	06.2	
19	06	64	06.0	LA	0002	37	03.1	76	34.7	10		2	23	21	07	0.9		07.0	C	24.80	C	13.76	L	29	D	0.24	06.2	
19	06	64	06.0	LA	0002	37	03.1	76	34.7	10		2	23	21	07	0.9		09.0	C	24.70	C	14.48		*		*	*	
19	06	64	06.5	LA	0002	37	03.1	76	34.7	10		3		*	*			00.0	C	24.60	C	10.72	L	35	D	0.00	06.6	
19	06	64	06.5	LA	0002	37	03.1	76	34.7	10		3		*	*			02.0	C	24.60	C	10.72		*	P	0.16	06.7	
19	06	64	06.5	LA	0002	37	03.1	76	34.7	10		3		*	*			03.0	C	24.65	C	10.98	L	29		*	*	
19	06	64	06.5	LA	0002	37	03.1	76	34.7	10		3		*	*			04.0	C	24.65	C	11.23		*	P	0.29	06.7	
19	06	64	06.5	LA	0002	37	03.1	76	34.7	10		3		*	*			05.0	C	24.70	C	12.50		*	P	0.26	06.7	
19	06	64	06.5	LA	0002	37	03.1	76	34.7	10		3		*	*			07.0	C	24.70	C	12.95	L	29	P	0.23	06.7	
19	06	64	06.5	LA	0002	37	03.1	76	34.7	10		3		*	*			09.0	C	24.70	C	14.51		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
19	06	64	07.0	LA	0002	37	03.1	76	34.7	10		4	24	21	05	0.8		00.0	C	24.60	C	10.80	L	33	D	0.00	07.1		
19	06	64	07.0	LA	0002	37	03.1	76	34.7	10		4	24	21	05	0.8		02.0	C	24.60	C	10.80		*	P	0.14	07.1		
19	06	64	07.0	LA	0002	37	03.1	76	34.7	10		4	24	21	05	0.8		03.0	C	24.60	C	11.24	L	27		*	*		
19	06	64	07.0	LA	0002	37	03.1	76	34.7	10		4	24	21	05	0.8		04.0	C	24.60	C	12.56		*	P	0.22	07.2		
19	06	64	07.0	LA	0002	37	03.1	76	34.7	10		4	24	21	05	0.8		05.0	C	24.65	C	13.21		*	P	0.16	07.2		
19	06	64	07.0	LA	0002	37	03.1	76	34.7	10		4	24	21	05	0.8		07.0	C	24.65	C	13.56	L	28	P	0.16	07.2		
19	06	64	07.0	LA	0002	37	03.1	76	34.7	10		4	24	21	05	0.8		09.0	C	24.65	C	14.77		*		*	*		
19	06	64	07.5	LA	0002	37	03.1	76	34.7	10		4		*	*			00.0	C	24.50	C	11.36	L	33	D	0.00	07.6		
19	06	64	07.5	LA	0002	37	03.1	76	34.7	10		4		*	*			02.0	C	24.50	C	11.60		*	P	0.00	07.7		
19	06	64	07.5	LA	0002	37	03.1	76	34.7	10		4		*	*			03.0	C	24.60	C	12.06	L	31	P	0.00	07.7		
19	06	64	07.5	LA	0002	37	03.1	76	34.7	10		4		*	*			04.0	C	24.60	C	12.29		*	P	0.00	07.7		
19	06	64	07.5	LA	0002	37	03.1	76	34.7	10		4		*	*			05.0	C	24.60	C	13.44		*	P	0.00	07.7		
19	06	64	07.5	LA	0002	37	03.1	76	34.7	10		4		*	*			07.0	C	24.65	C	13.93	L	29	P	0.12	07.7		
19	06	64	07.5	LA	0002	37	03.1	76	34.7	10		4		*	*			09.0	C	24.60	C	14.92		*		*	*		
19	06	64	08.0	LA	0002	37	03.1	76	34.7	*9		4	24	21	07	0.8		00.0	C	24.60	C	11.19	L	03	D	0.00	08.1		
19	06	64	08.0	LA	0002	37	03.1	76	34.7	*9		4	24	21	07	0.8		02.0	C	24.60	C	11.95		*	P	0.01	08.1		
19	06	64	08.0	LA	0002	37	03.1	76	34.7	*9		4	24	21	07	0.8		03.0	C	24.65	C	12.89	L	31	P	0.02	08.2		
19	06	64	08.0	LA	0002	37	03.1	76	34.7	*9		4	24	21	07	0.8		04.0	C	24.65	C	13.16		*	P	0.01	08.2		
19	06	64	08.0	LA	0002	37	03.1	76	34.7	*9		4	24	21	07	0.8		05.0	C	24.65	C	13.94		*	P	0.00	08.2		
19	06	64	08.0	LA	0002	37	03.1	76	34.7	*9		4	24	21	07	0.8		07.0	C	24.65	C	15.16	L	31	P	0.00	08.2		
19	06	64	08.0	LA	0002	37	03.1	76	34.7	*9		4	24	21	07	0.8		09.0	C	24.65	C	14.64		*		*	*		
19	06	64	08.5	LA	0002	37	03.1	76	34.7	8		4			*			00.0	C	24.60	C	11.30	L	13	D	0.00	08.6		
19	06	64	08.5	LA	0002	37	03.1	76	34.7	8		4			*			02.0	C	24.70	C	12.41		*	P	0.00	08.6		
19	06	64	08.5	LA	0002	37	03.1	76	34.7	8		4			*			03.0	C	24.70	C	13.03	L	13	P	0.00	08.7		
19	06	64	08.5	LA	0002	37	03.1	76	34.7	8		4			*			04.0	C	24.70	C	13.34		*	P	0.00	08.7		
19	06	64	08.5	LA	0002	37	03.1	76	34.7	8		4			*			05.0	C	24.70	C	13.62		*	P	0.01	08.7		
19	06	64	08.5	LA	0002	37	03.1	76	34.7	8		4			*			07.0	C	24.65	C	14.58	L	13	P	0.01	08.7		
19	06	64	09.0	LA	0002	37	03.1	76	34.7	*7		5	25	22	07	0.8		00.0	C	24.60	C	11.35	L	13	D	0.22	09.1		
19	06	64	09.0	LA	0002	37	03.1	76	34.7	*7		5	25	22	07	0.8		02.0	C	24.60	C	11.43		*	P	0.23	09.1		
19	06	64	09.0	LA	0002	37	03.1	76	34.7	*7		5	25	22	07	0.8		03.0	C	24.65	C	11.65	L	16	P	0.26	09.2		
19	06	64	09.0	LA	0002	37	03.1	76	34.7	*7		5	25	22	07	0.8		04.0	C	24.70	C	12.89		*	P	0.24	09.2		
19	06	64	09.0	LA	0002	37	03.1	76	34.7	*7		5	25	22	07	0.8		05.0	C	24.70	C	13.43		*		*	09.2		
19	06	64	09.0	LA	0002	37	03.1	76	34.7	*7		5	25	22	07	0.8		07.0	C	24.60	C	14.86	L	15		*	09.2		
19	06	64	09.5	LA	0002	37	03.1	76	34.7	7		*			*			00.0	C	24.70	C	11.31	L	13	D	0.40	09.6		
19	06	64	09.5	LA	0002	37	03.1	76	34.7	7		*			*			02.0	C	24.70	C	11.39		*		*	*		
19	06	64	09.5	LA	0002	37	03.1	76	34.7	7		*			*			03.0	C	24.70	C	11.51	L	18	F	0.31	09.6		
19	06	64	09.5	LA	0002	37	03.1	76	34.7	7		*			*			04.0	C	24.70	C	13.18		*		*	*		
19	06	64	09.5	LA	0002	37	03.1	76	34.7	7		*			*			05.0	C	24.75	C	13.83		*		*	*		
19	06	64	09.5	LA	0002	37	03.1	76	34.7	7		*			*			07.0				4	L	13	F	0.22	09.6		
19	06	64	10.0	LA	0002	37	03.1	76	34.7	*7		6	25	22	04	0.8		00.0	C	24.70	C	11.08	L	12	D	0.56	10.1		
19	06	64	10.0	LA	0002	37	03.1	76	34.7	*7		6	25	22	04	0.8		02.0	C	24.75	C	11.44		*		*	*		
19	06	64	10.0	LA	0002	37	03.1	76	34.7	*7		6	25	22	04	0.8		03.0	C	24.75	C	11.76	L	16	P	0.27	10.1		
19	06	64	10.0	LA	0002	37	03.1	76	34.7	*7		6	25	22	04	0.8		04.0	C	24.75	C	11.86		*		*	*		
19	06	64	10.0	LA	0002	37	03.1	76	34.7	*7		6	25	22	04	0.8		05.0	C	24.75	C	11.97		*		*	*		
19	06	64	10.0	LA	0002	37	03.1	76	34.7	*7		6	25	22	04	0.8		07.0	C	24.80	C	13.30	L	09	P	0.35	10.1		
19	06	64	10.5	LA	0002	37	03.1	76	34.7	7		*			*			00.0	C	24.80	C	11.59	L	11	D	0.68	10.6		
19	06	64	10.5	LA	0002	37	03.1	76	34.7	7		*			*			02.0	C	24.80	C	11.61		*		*	*		
19	06	64	10.5	LA	0002	37	03.1	76	34.7	7		*			*			03.0	C	24.80	C	11.74	L	14	F	0.31	10.7		
19	06	64	10.5	LA	0002	37	03.1	76	34.7	7		*			*			04.0	C	24.80	C	11.85		*		*	*		
19	06	64	10.5	LA	0002	37	03.1	76	34.7	7		*			*			05.0	C	24.80	C	11.98		*		*	*		
19	06	64	10.5	LA	0002	37	03.1	76	34.7	7		*			*			07.0				4	L	11	F	0.42	10.7		
19	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		6	26	20	05	0.8		00.0	C	24.85	C	11.18	L	10	D	0.44	11.1		
19	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		6	26	20	05	0.8		02.0	C	24.80	C	11.55		*		*	*		
19	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		6	26	20	05	0.8		03.0	C	24.80	C	11.61	L	15	F	0.31	11.1		
19	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		6	26	20	05	0.8		04.0	C	24.80	C	11.72		*		*	*		
19	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		6	26	20	05	0.8		05.0	C	24.80	C	11.77		*		*	*		
19	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		6	26	20	05	0.8		07.0	C	24.80	C	12.51	L	10	F	0.00	11.1		
19	06	64	11.0	LA	0002	37	03.1	76	34.7	*8		6	26	20	05	0.8		08.0	C	24.80	C	12.66		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
16	06	64	12.6	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	11.35		*	D	0.02	*		
16	06	64	12.6	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	11.15		*		*	*		
16	06	64	12.6	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	11.18		*		*	*		
16	06	64	12.6	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	11.20		*		*	*		
16	06	64	12.6	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	11.29		*		*	*		
16	06	64	12.6	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	11.40		*		*	*		
16	06	64	12.6	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	06	I	0.30	12.7		
16	06	64	12.6	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	05	I	0.35	12.9		
16	06	64	12.6	PA	0002	37	02.7	76	34.8	7		*			*			03.0					I	04	I	0.40	13.4		
16	06	64	12.6	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	00	I	0.50	13.3		
16	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	11.18		*		*	*		
16	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	11.18		*		*	*		
16	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	11.16		*		*	*		
16	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	11.21		*		*	*		
16	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	11.35		*		*	*		
16	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	05	I	0.50	13.7		
16	06	64	14.1	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	11.35		*	D	0.03	*		
16	06	64	14.1	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	11.35		*		*	*		
16	06	64	14.1	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	11.43		*		*	*		
16	06	64	14.1	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	11.57		*		*	*		
16	06	64	14.1	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	12.06		*		*	*		
16	06	64	14.1	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	12.25		*		*	*		
16	06	64	14.1	PA	0002	37	02.7	76	34.8	7		*			*			03.0					I	03	I	0.50	14.3		
16	06	64	14.1	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	03	I	0.50	14.1		
16	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	11.79	E	27	D	0.07	*		
16	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	12.07		*		*	*		
16	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	12.39		*		*	*		
16	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	12.58		*		*	*		
16	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	12.62		*		*	*		
16	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	12.77		*		*	*		
16	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	04	I	0.50	14.6		
16	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	04	I	0.50	14.8		
16	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	06	I	0.48	14.9		
16	06	64	15.0	PA	0002	37	02.7	76	34.8	7		2	24	6	09	0.8		00.0			R	12.72	E	28	D	0.07	*		
16	06	64	15.0	PA	0002	37	02.7	76	34.8	7		2	24	6	09	0.8		02.0			R	12.79		*		*	*		
16	06	64	15.0	PA	0002	37	02.7	76	34.8	7		2	24	6	09	0.8		03.0			R	12.80		*		*	*		
16	06	64	15.0	PA	0002	37	02.7	76	34.8	7		2	24	6	09	0.8		04.0			R	13.24		*		*	*		
16	06	64	15.0	PA	0002	37	02.7	76	34.8	7		2	24	6	09	0.8		05.0			R	13.41		*		*	*		
16	06	64	15.0	PA	0002	37	02.7	76	34.8	7		2	24	6	09	0.8		06.0			R	13.46		*		*	*		
16	06	64	15.0	PA	0002	37	02.7	76	34.8	7		2	24	6	09	0.8		02.0					I	04	I	0.60	15.3		
16	06	64	15.0	PA	0002	37	02.7	76	34.8	7		2	24	6	09	0.8		03.0					I	04	I	0.55	15.4		
16	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	13.02	E	29	D	0.08	*		
16	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	13.11		*		*	*		
16	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	13.02		*		*	*		
16	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	13.59		*		*	*		
16	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	13.74		*		*	*		
16	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	13.95		*		*	*		
16	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	04	I	0.50	15.6		
16	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.45	15.8		
16	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	07	I	0.35	15.9		
16	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	24	11	07	0.6		00.0			R	13.28	E	29	D	0.06	*		
16	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	24	11	07	0.6		02.0			R	13.35		*		*	*		
16	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	24	11	07	0.6		03.0			R	13.67		*		*	*		
16	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	24	11	07	0.6		04.0			R	13.91		*		*	*		
16	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	24	11	07	0.6		05.0			R	14.09		*		*	*		
16	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	24	11	07	0.6		06.0			R	14.21		*		*	*		
16	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	24	11	07	0.6		02.0					I	04	I	0.45	16.3		
16	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	24	11	07	0.6		03.0					I	04	I	0.32	16.4		
16	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	13.46	E	29	D	0.04	*		
16	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	13.48		*		*	*		
16	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	13.55		*		*	*		
16	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	13.92		*		*	*		
16	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	14.54		*		*	*		
16	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	14.61		*		*	*		
16	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	06	I	0.25	16.6		
16	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	08	I	0.27	16.7		
16	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	06	I	0.27	16.9		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
16	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	23	10	10	0.6		00.0			R	13.49	E	30	D	0.04	17.2	
16	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	23	10	10	0.6		02.0			R	13.49		*		*	*	
16	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	23	10	10	0.6		03.0			R	13.51		*		*	*	
16	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	23	10	10	0.6		04.0			R	13.60		*		*	*	
16	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	23	10	10	0.6		05.0			R	14.53		*		*	*	
16	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	23	10	10	0.6		06.0			R	14.80		*		*	*	
16	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	23	10	10	0.6		02.0					I	04	I	0.30	17.2	
16	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	23	10	10	0.6		03.0					I	06	I	0.25	17.4	
16	06	64	18.0	PA	0002	37	02.7	76	34.8	7		4	22	8	08	0.5		00.0			R	13.31	E	30	D	0.02	18.2	
16	06	64	18.0	PA	0002	37	02.7	76	34.8	7		4	22	8	08	0.5		02.0			R	13.35		*		*	*	
16	06	64	18.0	PA	0002	37	02.7	76	34.8	7		4	22	8	08	0.5		03.0			R	13.42		*		*	*	
16	06	64	18.0	PA	0002	37	02.7	76	34.8	7		4	22	8	08	0.5		04.0			R	14.82		*		*	*	
16	06	64	18.0	PA	0002	37	02.7	76	34.8	7		4	22	8	08	0.5		05.0			R	14.94		*		*	*	
16	06	64	18.0	PA	0002	37	02.7	76	34.8	7		4	22	8	08	0.5		06.0			R	14.99		*		*	*	
16	06	64	18.0	PA	0002	37	02.7	76	34.8	7		4	22	8	08	0.5		02.0					I	20	I	0.03	18.1	
16	06	64	18.0	PA	0002	37	02.7	76	34.8	7		4	22	8	08	0.5		03.0					I	22	I	0.01	18.3	
16	06	64	18.0	PA	0002	37	02.7	76	34.8	7		4	22	8	08	0.5		06.0					I	20	I	0.03	18.0	
16	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	13.27	E	77	D	0.00	*	
16	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	14.63		*		*	*	
16	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	14.82		*		*	*	
16	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	14.90		*		*	*	
16	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	15.03		*		*	*	
16	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	15.17		*		*	*	
16	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	24	I	0.01	18.5	
16	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	22	I	0.01	18.8	
16	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	22	I	0.01	18.9	
16	06	64	19.0	PA	0002	37	02.7	76	34.8	7		4	23	6	05	0.7		00.0			R	13.37	E	77	D	0.00	19.2	
16	06	64	19.0	PA	0002	37	02.7	76	34.8	7		4	23	6	05	0.7		02.0			R	13.36		*		*	*	
16	06	64	19.0	PA	0002	37	02.7	76	34.8	7		4	23	6	05	0.7		03.0			R	14.68		*		*	*	
16	06	64	19.0	PA	0002	37	02.7	76	34.8	7		4	23	6	05	0.7		04.0			R	14.70		*		*	*	
16	06	64	19.0	PA	0002	37	02.7	76	34.8	7		4	23	6	05	0.7		05.0			R	14.70		*		*	*	
16	06	64	19.0	PA	0002	37	02.7	76	34.8	7		4	23	6	05	0.7		06.0			R	14.66		*		*	*	
16	06	64	19.0	PA	0002	37	02.7	76	34.8	7		4	23	6	05	0.7		02.0					I	22	I	0.02	19.3	
16	06	64	19.0	PA	0002	37	02.7	76	34.8	7		4	23	6	05	0.7		03.0					I	26	I	0.25	19.4	
16	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	13.62	E	16	D	0.03	19.6	
16	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	13.60		*		*	*	
16	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	13.80		*		*	*	
16	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	14.49		*		*	*	
16	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	14.62		*		*	*	
16	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	14.80		*		*	*	
16	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	26	I	0.30	19.6	
16	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	26	I	0.36	19.8	
16	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	22	7	01			00.0			R	13.59	E	15	D	0.04	20.2	
16	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	22	7	01			02.0			R	14.26		*		*	*	
16	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	22	7	01			03.0			R	13.60		*		*	*	
16	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	22	7	01			04.0			R	13.66		*		*	*	
16	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	22	7	01			05.0			R	14.23		*		*	*	
16	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	22	7	01			06.0			R	14.46		*		*	*	
16	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	22	7	01			02.0					I	26	I	0.40	20.2	
16	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	22	7	01			03.0					I	27	I	0.40	20.4	
16	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	22	7	01			06.0					I	23	I	0.40	20.0	
16	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	13.78	E	13	D	0.07	20.6	
16	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	13.75		*		*	*	
16	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	13.80		*		*	*	
16	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	14.09		*		*	*	
16	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	14.59		*		*	*	
16	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	27	I	0.50	20.6	
16	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	27	I	0.50	20.8	
16	06	64	21.0	PA	0002	37	02.7	76	34.8	7		5	21	8	01			00.0			R	13.61	E	12	D	0.06	21.1	
16	06	64	21.0	PA	0002	37	02.7	76	34.8	7		5	21	8	01			02.0			R	13.43		*		*	*	
16	06	64	21.0	PA	0002	37	02.7	76	34.8	7		5	21	8	01			03.0			R	13.41		*		*	*	
16	06	64	21.0	PA	0002	37	02.7	76	34.8	7		5	21	8	01			04.0			R	13.62		*		*	*	
16	06	64	21.0	PA	0002	37	02.7	76	34.8	7		5	21	8	01			05.0			R	13.79		*		*	*	
16	06	64	21.0	PA	0002	37	02.7	76	34.8	7		5	21	8	01			06.0			R	14.14		*		*	*	
16	06	64	21.0	PA	0002	37	02.7	76	34.8	7		5	21	8	01			02.0					I	27	I	0.51	21.3	
16	06	64	21.0	PA	0002	37	02.7	76	34.8	7		5	21	8	01			03.0					I	27	I	0.50	21.4	
16	06	64	21.0	PA	0002	37	02.7	76	34.8	7		5	21	8	01			06.0					I	27	I	0.45	21.1	

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
16	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	13.97	E	13	D	0.07	21.6		
16	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	12.83		*		*	*		
16	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	13.72		*		*	*		
16	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	14.00		*		*	*		
16	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	14.30		*		*	*		
16	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	14.29		*		*	*		
16	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	27	I	0.50	21.7		
16	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	27	I	0.50	21.8		
16	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	27	I	0.50	21.9		
16	06	64	22.0	PA	0002	37	02.7	76	34.8	7		6	22	9	03			00.0			R	12.53	E	13	D	0.08	22.1		
16	06	64	22.0	PA	0002	37	02.7	76	34.8	7		6	22	9	03			02.0			R	12.89		*		*	*		
16	06	64	22.0	PA	0002	37	02.7	76	34.8	7		6	22	9	03			03.0			R	13.55		*		*	*		
16	06	64	22.0	PA	0002	37	02.7	76	34.8	7		6	22	9	03			04.0			R	13.29		*		*	*		
16	06	64	22.0	PA	0002	37	02.7	76	34.8	7		6	22	9	03			05.0			R	13.66		*		*	*		
16	06	64	22.0	PA	0002	37	02.7	76	34.8	7		6	22	9	03			06.0			R	13.79		*		*	*		
16	06	64	22.0	PA	0002	37	02.7	76	34.8	7		6	22	9	03			02.0					I	28	I	0.60	22.3		
16	06	64	22.0	PA	0002	37	02.7	76	34.8	7		6	22	9	03			03.0					I	27	I	0.55	22.4		
16	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	12.04	E	15	D	0.07	22.6		
16	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	12.41		*		*	*		
16	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	12.82		*		*	*		
16	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	13.34		*		*	*		
16	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	13.56		*		*	*		
16	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	13.62		*		*	*		
16	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	27	I	0.50	22.6		
16	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	27	I	0.45	22.8		
16	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	26	I	0.35	22.9		
16	06	64	23.0	PA	0002	37	02.7	76	34.8	7		*	22	6	01			00.0			R	12.08	E	66	D	0.00	23.1		
16	06	64	23.0	PA	0002	37	02.7	76	34.8	7		*	22	6	01			02.0			R	11.55		*		*	*		
16	06	64	23.0	PA	0002	37	02.7	76	34.8	7		*	22	6	01			03.0			R	11.75		*		*	*		
16	06	64	23.0	PA	0002	37	02.7	76	34.8	7		*	22	6	01			04.0			R	12.20		*		*	*		
16	06	64	23.0	PA	0002	37	02.7	76	34.8	7		*	22	6	01			05.0			R	12.37		*		*	*		
16	06	64	23.0	PA	0002	37	02.7	76	34.8	7		*	22	6	01			02.0					I	28	I	0.45	23.3		
16	06	64	23.0	PA	0002	37	02.7	76	34.8	7		*	22	6	01			03.0					I	24	I	0.40	23.4		
16	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	11.72	E	66	D	0.00	23.6		
16	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	11.15		*		*	*		
16	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	11.14		*		*	*		
16	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	11.73		*		*	*		
16	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	11.68		*		*	*		
16	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	12.08		*		*	*		
16	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	24	I	0.40	23.6		
16	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	27	I	0.40	23.7		
16	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	27	I	0.38	23.9		
17	06	64	00.0	PA	0002	37	02.7	76	34.8	7		8	21	6	03			00.0			R	11.14	E	66	D	0.00	00.1		
17	06	64	00.0	PA	0002	37	02.7	76	34.8	7		8	21	6	03			02.0			R	11.16		*		*	*		
17	06	64	00.0	PA	0002	37	02.7	76	34.8	7		8	21	6	03			03.0			R	11.12		*		*	*		
17	06	64	00.0	PA	0002	37	02.7	76	34.8	7		8	21	6	03			04.0			R	11.18		*		*	*		
17	06	64	00.0	PA	0002	37	02.7	76	34.8	7		8	21	6	03			05.0			R	11.15		*		*	*		
17	06	64	00.0	PA	0002	37	02.7	76	34.8	7		8	21	6	03			06.0			R	11.54		*		*	*		
17	06	64	00.0	PA	0002	37	02.7	76	34.8	7		8	21	6	03			02.0					I	21	I	0.18	00.2		
17	06	64	00.0	PA	0002	37	02.7	76	34.8	7		8	21	6	03			03.0					I	21	I	0.15	00.4		
17	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	11.08	E	23	D	0.02	00.6		
17	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	11.07		*		*	*		
17	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	11.27		*		*	*		
17	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	11.51		*		*	*		
17	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	11.56		*		*	*		
17	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	11.56		*		*	*		
17	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	28	I	0.13	00.7		
17	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	27	I	0.05	00.8		
17	06	64	01.0	PA	0002	37	02.7	76	34.8	7		1	21	3	05			00.0			R	11.05	E	25	D	0.04	01.3		
17	06	64	01.0	PA	0002	37	02.7	76	34.8	7		1	21	3	05			02.0			R	11.08		*		*	*		
17	06	64	01.0	PA	0002	37	02.7	76	34.8	7		1	21	3	05			03.0			R	11.26		*		*	*		
17	06	64	01.0	PA	0002	37	02.7	76	34.8	7		1	21	3	05			04.0			R	11.29		*		*	*		
17	06	64	01.0	PA	0002	37	02.7	76	34.8	7		1	21	3	05			05.0			R	11.31		*		*	*		
17	06	64	01.0	PA	0002	37	02.7	76	34.8	7		1	21	3	05			06.0			R	11.68		*		*	*		
17	06	64	01.0	PA	0002	37	02.7	76	34.8	7		1	21	3	05			02.0					I	15	I	0.14	01.3		
17	06	64	01.0	PA	0002	37	02.7	76	34.8	7		1	21	3	05			06.0					I	36	I	0.06	01.1		

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
17	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	10.88	E	23	D	0.03	01.8	
17	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	11.04		*		*	*	
17	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	11.18		*		*	*	
17	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	11.20		*		*	*	
17	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	11.67		*		*	*	
17	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	11.93		*		*	*	
17	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0					I	12	I	0.09	01.5	
17	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	04	I	0.14	01.7	
17	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.17	01.8	
17	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	20	36	04			00.0			R	11.22	E	27	D	0.02	*	
17	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	20	36	04			02.0			R	11.28		*		*	*	
17	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	20	36	04			03.0			R	11.32		*		*	*	
17	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	20	36	04			04.0			R	11.37		*		*	*	
17	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	20	36	04			05.0			R	11.53		*		*	*	
17	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	20	36	04			06.0			R	12.11		*		*	*	
17	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	20	36	04			02.0					I	10	I	0.17	02.2	
17	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	20	36	04			03.0					I	09	I	0.16	02.4	
17	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	20	36	04			06.0					I	06	I	0.17	02.0	
17	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	11.53	E	28	D	0.04	02.7	
17	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	11.54		*		*	*	
17	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	11.57		*		*	*	
17	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	11.69		*		*	*	
17	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	11.95		*		*	*	
17	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	13.17		*		*	*	
17	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	06	I	0.26	02.6	
17	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.30	02.8	
17	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	06	I	0.30	02.9	
17	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		3	20	36	05			00.0			R	11.94	E	27	D	0.03	03.2	
17	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		3	20	36	05			02.0			R	11.97		*		*	*	
17	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		3	20	36	05			03.0			R	11.98		*		*	*	
17	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		3	20	36	05			04.0			R	12.46		*		*	*	
17	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		3	20	36	05			05.0			R	13.16		*		*	*	
17	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		3	20	36	05			06.0			R	13.32		*		*	*	
17	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		3	20	36	05			02.0					I	36	I	0.12	03.3	
17	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		3	20	36	05			03.0					I	05	I	0.25	03.4	
17	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	11.86	E	31	D	0.03	03.7	
17	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	11.89		*		*	*	
17	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	12.10		*		*	*	
17	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	12.91		*		*	*	
17	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	13.45		*		*	*	
17	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	13.61		*		*	*	
17	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	05	I	0.26	03.6	
17	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	04	I	0.27	03.8	
17	06	64	04.0	PA	0002	37	02.7	76	34.8	7		4	20	3	04			00.0			R	11.84	E	30	D	0.02	04.2	
17	06	64	04.0	PA	0002	37	02.7	76	34.8	7		4	20	3	04			02.0			R	11.83		*		*	*	
17	06	64	04.0	PA	0002	37	02.7	76	34.8	7		4	20	3	04			03.0			R	11.89		*		*	*	
17	06	64	04.0	PA	0002	37	02.7	76	34.8	7		4	20	3	04			04.0			R	12.27		*		*	*	
17	06	64	04.0	PA	0002	37	02.7	76	34.8	7		4	20	3	04			05.0			R	13.49		*		*	*	
17	06	64	04.0	PA	0002	37	02.7	76	34.8	7		4	20	3	04			06.0			R	13.67		*		*	*	
17	06	64	04.0	PA	0002	37	02.7	76	34.8	7		4	20	3	04			02.0					I	04	I	0.25	04.3	
17	06	64	04.0	PA	0002	37	02.7	76	34.8	7		4	20	3	04			06.0					I	04	I	0.27	04.1	
17	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	12.10	E	29	D	0.02	04.7	
17	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	12.09		*		*	*	
17	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	12.14		*		*	*	
17	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	12.31		*		*	*	
17	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	13.56		*		*	*	
17	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	13.93		*		*	*	
17	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0					I	04	I	0.25	04.6	
17	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	05	I	0.25	04.8	
17	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.25	04.9	
17	06	64	05.0	PA	0002	37	02.7	76	34.8	7		4	19	3	07	0.8		00.0			R	12.38	E	77	D	0.00	05.1	
17	06	64	05.0	PA	0002	37	02.7	76	34.8	7		4	19	3	07	0.8		02.0			R	12.37		*		*	*	
17	06	64	05.0	PA	0002	37	02.7	76	34.8	7		4	19	3	07	0.8		03.0			R	12.53		*		*	*	
17	06	64	05.0	PA	0002	37	02.7	76	34.8	7		4	19	3	07	0.8		04.0			R	12.61		*		*	*	
17	06	64	05.0	PA	0002	37	02.7	76	34.8	7		4	19	3	07	0.8		05.0			R	14.02		*		*	*	
17	06	64	05.0	PA	0002	37	02.7	76	34.8	7		4	19	3	07	0.8		06.0			R	14.14		*		*	*	
17	06	64	05.0	PA	0002	37	02.7	76	34.8	7		4	19	3	07	0.8		02.0					I	18	I	0.24	05.3	
17	06	64	05.0	PA	0002	37	02.7	76	34.8	7		4	19	3	07	0.8		03.0					I	09	I	0.23	05.4	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
17	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	12.42	E	77	D	0.00	05.7		
17	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	12.46		*		*	*		
17	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	12.77		*		*	*		
17	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	13.86		*		*	*		
17	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	13.99		*		*	*		
17	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	14.12		*		*	*		
17	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	07	I	0.24	05.6		
17	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	08	I	0.25	05.8		
17	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	11	I	0.13	05.9		
17	06	64	06.0	PA	0002	37	02.7	76	34.8	7		4	18	3	06	0.7		00.0			R	12.43	E	14	D	0.01	06.3		
17	06	64	06.0	PA	0002	37	02.7	76	34.8	7		4	18	3	06	0.7		02.0			R	13.64		*		*	*		
17	06	64	06.0	PA	0002	37	02.7	76	34.8	7		4	18	3	06	0.7		03.0			R	13.96		*		*	*		
17	06	64	06.0	PA	0002	37	02.7	76	34.8	7		4	18	3	06	0.7		04.0			R	14.15		*		*	*		
17	06	64	06.0	PA	0002	37	02.7	76	34.8	7		4	18	3	06	0.7		05.0			R	14.22		*		*	*		
17	06	64	06.0	PA	0002	37	02.7	76	34.8	7		4	18	3	06	0.7		06.0			R	14.27		*		*	*		
17	06	64	06.0	PA	0002	37	02.7	76	34.8	7		4	18	3	06	0.7		02.0					I	29	I	0.12	06.3		
17	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	12.31	E	15	D	0.05	*		
17	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	12.62		*		*	*		
17	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	14.11		*		*	*		
17	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	14.25		*		*	*		
17	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	14.42		*		*	*		
17	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	14.45		*		*	*		
17	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0					I	24	I	0.10	06.5		
17	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	24	I	0.10	06.6		
17	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	24	I	0.14	06.8		
17	06	64	07.0	PA	0002	37	02.7	76	34.8	7		*	18	3	02	0.8		00.0			R	12.10	E	15	D	0.02	07.1		
17	06	64	07.0	PA	0002	37	02.7	76	34.8	7		*	18	3	02	0.8		02.0			R	12.09		*		*	*		
17	06	64	07.0	PA	0002	37	02.7	76	34.8	7		*	18	3	02	0.8		03.0			R	12.08		*		*	*		
17	06	64	07.0	PA	0002	37	02.7	76	34.8	7		*	18	3	02	0.8		04.0			R	14.18		*		*	*		
17	06	64	07.0	PA	0002	37	02.7	76	34.8	7		*	18	3	02	0.8		05.0			R	14.20		*		*	*		
17	06	64	07.0	PA	0002	37	02.7	76	34.8	7		*	18	3	02	0.8		06.0			R	14.29		*		*	*		
17	06	64	07.0	PA	0002	37	02.7	76	34.8	7		*	18	3	02	0.8		02.0					I	27	I	0.26	07.4		
17	06	64	07.0	PA	0002	37	02.7	76	34.8	7		*	18	3	02	0.8		06.0					I	25	I	0.17	07.1		
17	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	11.97	E	11	D	0.02	07.6		
17	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	11.92		*		*	*		
17	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	13.10		*		*	*		
17	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	14.09		*		*	*		
17	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	14.11		*		*	*		
17	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	14.18		*		*	*		
17	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0					I	26	I	0.25	07.5		
17	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	24	I	0.25	07.6		
17	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	23	I	0.25	07.8		
17	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	23	I	0.25	07.9		
17	06	64	08.0	PA	0002	37	02.7	76	34.8	7		6	18	1	04	0.8		00.0			R	12.33	E	11	D	0.08	08.1		
17	06	64	08.0	PA	0002	37	02.7	76	34.8	7		6	18	1	04	0.8		02.0			R	12.33		*		*	*		
17	06	64	08.0	PA	0002	37	02.7	76	34.8	7		6	18	1	04	0.8		03.0			R	12.41		*		*	*		
17	06	64	08.0	PA	0002	37	02.7	76	34.8	7		6	18	1	04	0.8		04.0			R	13.76		*		*	*		
17	06	64	08.0	PA	0002	37	02.7	76	34.8	7		6	18	1	04	0.8		05.0			R	14.11		*		*	*		
17	06	64	08.0	PA	0002	37	02.7	76	34.8	7		6	18	1	04	0.8		06.0			R	14.17		*		*	*		
17	06	64	08.0	PA	0002	37	02.7	76	34.8	7		6	18	1	04	0.8		02.0					I	28	I	0.14	08.2		
17	06	64	08.0	PA	0002	37	02.7	76	34.8	7		6	18	1	04	0.8		03.0					I	27	I	0.14	08.4		
17	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	12.48	E	11	D	0.07	08.6		
17	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	12.44		*		*	*		
17	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	12.44		*		*	*		
17	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	12.44		*		*	*		
17	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	13.58		*		*	*		
17	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	13.76		*		*	*		
17	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	27	I	0.40	08.6		
17	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	27	I	0.40	08.8		
17	06	64	09.0	PA	0002	37	02.7	76	34.8	7		6	19	1	01	0.8		00.0			R	12.48	E	10	D	0.08	09.1		
17	06	64	09.0	PA	0002	37	02.7	76	34.8	7		6	19	1	01	0.8		02.0			R	12.00		*		*	*		
17	06	64	09.0	PA	0002	37	02.7	76	34.8	7		6	19	1	01	0.8		03.0			R	13.15		*		*	*		
17	06	64	09.0	PA	0002	37	02.7	76	34.8	7		6	19	1	01	0.8		04.0			R	13.08		*		*	*		
17	06	64	09.0	PA	0002	37	02.7	76	34.8	7		6	19	1	01	0.8		05.0			R	13.34		*		*	*		
17	06	64	09.0	PA	0002	37	02.7	76	34.8	7		6	19	1	01	0.8		06.0			R	13.42		*		*	*		
17	06	64	09.0	PA	0002	37	02.7	76	34.8	7		6	19	1	01	0.8		02.0					I	26	I	0.51	09.3		
17	06	64	09.0	PA	0002	37	02.7	76	34.8	7		6	19	1	01	0.8		03.0					I	27	I	0.50	09.4		
17	06	64	09.0	PA	0002	37	02.7	76	34.8	7		6	19	1	01	0.8		06.0					I	26	I	0.45	09.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
17	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		00.0			R	15.55	E	12	D	0.08	09.6
17	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		02.0			R	15.34		*		*	*
17	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0			R	11.85		*		*	*
17	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0			R	12.00		*		*	*
17	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0			R	12.02		*		*	*
17	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0			R	12.09		*		*	*
17	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0					I	27	I	0.50	09.6
17	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0					I	27	I	0.50	09.8
17	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	20	28	01	0.8	00.0			R	11.11	E	10	D	0.08	10.1
17	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	20	28	01	0.8	02.0			R	11.12		*		*	*
17	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	20	28	01	0.8	03.0			R	11.18		*		*	*
17	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	20	28	01	0.8	04.0			R	11.21		*		*	*
17	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	20	28	01	0.8	05.0			R	11.36		*		*	*
17	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	20	28	01	0.8	06.0			R	11.17		*		*	*
17	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	20	28	01	0.8	02.0					I	24	I	0.52	10.3
17	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	20	28	01	0.8	03.0					I	25	I	0.53	10.4
17	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	20	28	01	0.8	06.0					I	27	I	0.52	10.0
17	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*	0.7	00.0			R	10.85	E	13	D	0.08	10.6
17	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*	0.7	02.0			R	10.86		*		*	*
17	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*	0.7	03.0			R	10.95		*		*	*
17	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*	0.7	04.0			R	10.94		*		*	*
17	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*	0.7	05.0			R	11.01		*		*	*
17	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*	0.7	06.0			R	11.05		*		*	*
17	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*	0.7	04.0					I	27	I	0.50	10.6
17	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*	0.7	05.0					I	27	I	0.50	10.7
17	06	64	11.0	PA	0002	37	02.7	76	34.8	*7	7	20	33	01		00.0			R	10.14	E	10	D	0.10	11.1
17	06	64	11.0	PA	0002	37	02.7	76	34.8	*7	7	20	33	01		02.0			R	10.30		*		*	*
17	06	64	11.0	PA	0002	37	02.7	76	34.8	*7	7	20	33	01		03.0			R	10.42		*		*	*
17	06	64	11.0	PA	0002	37	02.7	76	34.8	*7	7	20	33	01		04.0			R	10.56		*		*	*
17	06	64	11.0	PA	0002	37	02.7	76	34.8	*7	7	20	33	01		05.0			R	10.75		*		*	*
17	06	64	11.0	PA	0002	37	02.7	76	34.8	*7	7	20	33	01		06.0			R	10.81		*		*	*
17	06	64	11.0	PA	0002	37	02.7	76	34.8	*7	7	20	33	01		02.0					I	27	I	0.45	11.3
17	06	64	11.0	PA	0002	37	02.7	76	34.8	*7	7	20	33	01		03.0					I	24	I	0.45	11.4
17	06	64	11.0	PA	0002	37	02.7	76	34.8	*7	7	20	33	01		06.0					I	28	I	0.50	11.0
17	06	64	11.5	PA	0002	37	02.7	76	34.8	7	*			*		00.0			R	9.67	E	15	D	0.08	11.6
17	06	64	11.5	PA	0002	37	02.7	76	34.8	7	*			*		02.0			R	9.62		*		*	*
17	06	64	11.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0			R	10.19		*		*	*
17	06	64	11.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0			R	10.30		*		*	*
17	06	64	11.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0			R	10.48		*		*	*
17	06	64	11.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0			R	10.62		*		*	*
17	06	64	11.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0					I	25	I	0.40	11.6
17	06	64	11.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0					I	27	I	0.35	11.8
17	06	64	11.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0					I	26	I	0.32	11.9
17	06	64	12.0	PA	0002	37	02.7	76	34.8	7	1	21	3	01	0.7	00.0			R	9.47	E	16	D	0.05	12.2
17	06	64	12.0	PA	0002	37	02.7	76	34.8	7	1	21	3	01	0.7	02.0			R	9.63		*		*	*
17	06	64	12.0	PA	0002	37	02.7	76	34.8	7	1	21	3	01	0.7	03.0			R	9.85		*		*	*
17	06	64	12.0	PA	0002	37	02.7	76	34.8	7	1	21	3	01	0.7	04.0			R	9.88		*		*	*
17	06	64	12.0	PA	0002	37	02.7	76	34.8	7	1	21	3	01	0.7	05.0			R	9.90		*		*	*
17	06	64	12.0	PA	0002	37	02.7	76	34.8	7	1	21	3	01	0.7	06.0			R	9.94		*		*	*
17	06	64	12.0	PA	0002	37	02.7	76	34.8	7	1	21	3	01	0.7	02.0					I	24	I	0.24	12.3
17	06	64	12.0	PA	0002	37	02.7	76	34.8	7	1	21	3	01	0.7	03.0					I	24	I	0.24	12.4
17	06	64	12.5	PA	0002	37	02.7	76	34.8	7	*			*		00.0			R	9.71	E	20	D	0.02	12.6
17	06	64	12.5	PA	0002	37	02.7	76	34.8	7	*			*		02.0			R	9.97		*		*	*
17	06	64	12.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0			R	9.98		*		*	*
17	06	64	12.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0			R	10.06		*		*	*
17	06	64	12.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0			R	10.06		*		*	*
17	06	64	12.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0			R	10.39		*		*	*
17	06	64	12.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0					I	23	I	0.06	12.6
17	06	64	12.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0					I	28	I	0.02	12.8
17	06	64	13.0	PA	0002	37	02.7	76	34.8	7	8	23	1	03	0.8	00.0			R	9.66	E	66	D	0.00	13.1
17	06	64	13.0	PA	0002	37	02.7	76	34.8	7	8	23	1	03	0.8	02.0			R	9.81		*		*	*
17	06	64	13.0	PA	0002	37	02.7	76	34.8	7	8	23	1	03	0.8	03.0			R	9.96		*		*	*
17	06	64	13.0	PA	0002	37	02.7	76	34.8	7	8	23	1	03	0.8	04.0			R	9.96		*		*	*
17	06	64	13.0	PA	0002	37	02.7	76	34.8	7	8	23	1	03	0.8	05.0			R	10.00		*		*	*
17	06	64	13.0	PA	0002	37	02.7	76	34.8	7	8	23	1	03	0.8	06.0			R	10.12		*		*	*
17	06	64	13.0	PA	0002	37	02.7	76	34.8	7	8	23	1	03	0.8	02.0					I	06	I	0.08	13.3
17	06	64	13.0	PA	0002	37	02.7	76	34.8	7	8	23	1	03	0.8	03.0					I	13	I	0.16	13.4
17	06	64	13.0	PA	0002	37	02.7	76	34.8	7	8	23	1	03	0.8	06.0					I	05	I	0.07	13.1

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
17	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	9.76	E	30	D	0.05	13.7	
17	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	9.96		*		*	*	
17	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	10.09		*		*	*	
17	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	10.21		*		*	*	
17	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	10.40		*		*	*	
17	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	10.57		*		*	*	
17	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	05	I	0.16	13.6	
17	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.16	13.8	
17	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	05	I	0.17	13.9	
17	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	24	35	05	0.8		00.0			R	9.78	E	26	D	0.04	14.3	
17	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	24	35	05	0.8		02.0			R	10.10		*		*	*	
17	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	24	35	05	0.8		03.0			R	10.27		*		*	*	
17	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	24	35	05	0.8		04.0			R	10.26		*		*	*	
17	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	24	35	05	0.8		05.0			R	10.56		*		*	*	
17	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	24	35	05	0.8		06.0			R	11.35		*		*	*	
17	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	24	35	05	0.8		02.0					I	05	I	0.20	14.3	
17	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	24	35	05	0.8		03.0					I	04	I	0.25	14.4	
17	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	10.24	E	28	D	0.05	14.7	
17	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	10.31		*		*	*	
17	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	10.45		*		*	*	
17	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	10.75		*		*	*	
17	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	11.91		*		*	*	
17	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	12.50		*		*	*	
17	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	05	I	0.35	14.6	
17	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	05	I	0.35	14.8	
17	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	06	I	0.40	14.8	
17	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		2	26	35	04	0.8		00.0			R	10.59	E	28	D	0.05	15.1	
17	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		2	26	35	04	0.8		02.0			R	10.56		*		*	*	
17	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		2	26	35	04	0.8		03.0			R	10.62		*		*	*	
17	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		2	26	35	04	0.8		04.0			R	11.09		*		*	*	
17	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		2	26	35	04	0.8		05.0			R	12.63		*		*	*	
17	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		2	26	35	04	0.8		06.0			R	12.99		*		*	*	
17	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		2	26	35	04	0.8		02.0					I	05	I	0.45	15.3	
17	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		2	26	35	04	0.8		03.0					I	04	I	0.40	15.4	
17	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	10.79	E	29	D	0.06	15.7	
17	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	10.83		*		*	*	
17	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	11.32		*		*	*	
17	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	12.49		*		*	*	
17	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	12.97		*		*	*	
17	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	13.18		*		*	*	
17	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	05	I	0.38	15.6	
17	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.45	15.8	
17	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	07	I	0.38	15.9	
17	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	26	32	05	0.8		00.0			R	11.01	E	32	D	0.07	16.2	
17	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	26	32	05	0.8		02.0			R	10.99		*		*	*	
17	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	26	32	05	0.8		03.0			R	11.10		*		*	*	
17	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	26	32	05	0.8		04.0			R	13.16		*		*	*	
17	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	26	32	05	0.8		05.0			R	13.49		*		*	*	
17	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	26	32	05	0.8		06.0			R	13.79		*		*	*	
17	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	26	32	05	0.8		02.0					I	03	I	0.50	16.3	
17	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	26	32	05	0.8		03.0					I	03	I	0.38	16.4	
17	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	10.99	E	32	D	0.04	16.7	
17	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	10.97		*		*	*	
17	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	13.10		*		*	*	
17	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	14.11		*		*	*	
17	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	14.28		*		*	*	
17	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	14.34		*		*	*	
17	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	05	I	0.32	16.6	
17	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.32	16.8	
17	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	07	I	0.28	16.9	
17	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	26	36	03	0.7		00.0	J	26.02	R	11.02	E	30	D	0.04	17.3	
17	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	26	36	03	0.7		02.0	J	26.02	R	11.07		*		*	*	
17	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	26	36	03	0.7		03.0	J	25.53	R	13.18		*		*	*	
17	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	26	36	03	0.7		04.0	J	25.19	R	14.37		*		*	*	
17	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	26	36	03	0.7		05.0	J	25.12	R	14.50		*		*	*	
17	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	26	36	03	0.7		06.0	J	25.12	R	14.53		*		*	*	
17	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	26	36	03	0.7		02.0					I	04	I	0.25	17.3	
17	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	26	36	03	0.7		03.0					I	04	I	0.30	17.4	
17	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	26	36	03	0.7		02.0					I	04	I	0.25	17.8	
17	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	26	36	03	0.7		02.0					I	04	I	0.20	18.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
17	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	J	25.91	R	11.26	E	13	D	0.02	18.8		
17	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	J	25.19	R	13.80		*		*	*		
17	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	J	25.50	R	13.63		*		*	*		
17	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	J	25.02	R	14.62		*		*	*		
17	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	J	25.09	R	14.76		*		*	*		
17	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	J	25.09	R	14.88		*		*	*		
17	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	07	I	0.10	18.6		
17	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.09	18.9		
17	06	64	19.0	PA	0002	37	02.7	76	34.8	7		5	25	2	00			00.0	J	25.88	R	11.33	E	77	D	0.00	19.1		
17	06	64	19.0	PA	0002	37	02.7	76	34.8	7		5	25	2	00			02.0	J	25.71	R	12.76		*		*	*		
17	06	64	19.0	PA	0002	37	02.7	76	34.8	7		5	25	2	00			03.0	J	25.05	R	13.43		*		*	*		
17	06	64	19.0	PA	0002	37	02.7	76	34.8	7		5	25	2	00			04.0	J	25.09	R	14.15		*		*	*		
17	06	64	19.0	PA	0002	37	02.7	76	34.8	7		5	25	2	00			05.0	J	25.09	R	14.77		*		*	*		
17	06	64	19.0	PA	0002	37	02.7	76	34.8	7		5	25	2	00			06.0	J	25.12	R	14.82		*		*	*		
17	06	64	19.0	PA	0002	37	02.7	76	34.8	7		5	25	2	00			02.0					I	24	I	0.09	19.3		
17	06	64	19.0	PA	0002	37	02.7	76	34.8	7		5	25	2	00			03.0					I	25	I	0.05	19.4		
17	06	64	19.0	PA	0002	37	02.7	76	34.8	7		5	25	2	00			06.0					I	18	I	0.07	19.1		
17	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	J	25.81	R	11.43	E	77	D	0.00	19.6		
17	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	J	25.05	R	14.46		*		*	*		
17	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	J	25.09	R	14.62		*		*	*		
17	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	J	25.16	R	14.76		*		*	*		
17	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	J	25.12	R	14.82		*		*	*		
17	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	J	25.12	R	14.84		*		*	*		
17	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	23	I	0.10	19.6		
17	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	24	I	0.25	19.8		
17	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	23	I	0.25	19.9		
17	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	25	1	00			00.0	J	25.74	R	11.50	E	14	D	0.05	20.1		
17	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	25	1	00			02.0	J	25.88	R	12.56		*		*	*		
17	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	25	1	00			03.0	J	25.12	R	14.58		*		*	*		
17	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	25	1	00			04.0	J	25.12	R	14.75		*		*	*		
17	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	25	1	00			05.0	J	25.12	R	14.84		*		*	*		
17	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	25	1	00			06.0	J	25.12				*		*	*		
17	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	25	1	00			02.0					I	23	I	0.29	20.3		
17	06	64	20.0	PA	0002	37	02.7	76	34.8	7		5	25	1	00			03.0					I	24	I	0.30	20.4		
17	06	64	20.5	PA	0002	37	02.7	76	34.8	7		5	25	1	00			00.0	J	25.60	R	11.35	E	12	D	0.06	*		
17	06	64	20.5	PA	0002	37	02.7	76	34.8	7		5	25	1	00			02.0	J	25.57	R	11.36		*		*	*		
17	06	64	20.5	PA	0002	37	02.7	76	34.8	7		5	25	1	00			03.0	J	25.26	R	12.70		*		*	*		
17	06	64	20.5	PA	0002	37	02.7	76	34.8	7		5	25	1	00			04.0	J	25.16	R	13.54		*		*	*		
17	06	64	20.5	PA	0002	37	02.7	76	34.8	7		5	25	1	00			05.0	J	25.19	R	14.40		*		*	*		
17	06	64	20.5	PA	0002	37	02.7	76	34.8	7		5	25	1	00			06.0	J	25.19	R	14.53		*		*	*		
17	06	64	20.5	PA	0002	37	02.7	76	34.8	7		5	25	1	00			03.0					I	24	I	0.30	20.6		
17	06	64	20.5	PA	0002	37	02.7	76	34.8	7		5	25	1	00			04.0					I	24	I	0.35	20.7		
17	06	64	20.5	PA	0002	37	02.7	76	34.8	7		5	25	1	00			05.0					I	25	I	0.45	20.9		
17	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		6	24	25	00			00.0	J	25.57	R	12.75	E	13	D	0.10	21.1		
17	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		6	24	25	00			02.0	J	25.67	R	13.63		*		*	*		
17	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		6	24	25	00			03.0	J	25.43	R	13.87		*		*	*		
17	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		6	24	25	00			04.0	J	25.47	R	14.01		*		*	*		
17	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		6	24	25	00			05.0	J	25.43	R	14.31		*		*	*		
17	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		6	24	25	00			06.0	J	25.19	R	14.62		*		*	*		
17	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		6	24	25	00			02.0					I	23	I	0.40	21.2		
17	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		6	24	25	00			03.0					I	23	I	0.40	21.4		
17	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	J	24.58	R	13.30	E	13	D	0.11	21.6		
17	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	J	24.54	R	13.27		*		*	*		
17	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	J	24.51	R	13.73		*		*	*		
17	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	J	24.44	R	14.00		*		*	*		
17	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	J	24.31	R	14.15		*		*	*		
17	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	J	24.24	R	13.56		*		*	*		
17	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	24	I	0.40	21.6		
17	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	24	I	0.35	21.8		
17	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	24	I	0.42	21.9		
17	06	64	22.0	PA	0002	37	02.7	76	34.8	*7		6	22	20	06			00.0	J	24.51	R	10.76	E	11	D	0.11	22.1		
17	06	64	22.0	PA	0002	37	02.7	76	34.8	*7		6	22	20	06			02.0	J	24.54	R	11.69		*		*	*		
17	06	64	22.0	PA	0002	37	02.7	76	34.8	*7		6	22	20	06			03.0	J	24.54	R	13.22		*		*	*		
17	06	64	22.0	PA	0002	37	02.7	76	34.8	*7		6	22	20	06			04.0	J	24.41	R	13.37		*		*	*		
17	06	64	22.0	PA	0002	37	02.7	76	34.8	*7		6	22	20	06			05.0	J	24.37	R	13.94		*		*	*		
17	06	64	22.0	PA	0002	37	02.7	76	34.8	*7		6	22	20	06			06.0	J	24.34				*		*	*		
17	06	64	22.0	PA	0002	37	02.7	76	34.8	*7		6	22	20	06			02.0					I	24	I	0.58	22.3		
17	06	64	22.0	PA	0002	37	02.7	76	34.8	*7		6	22	20	06			03.0					I	24	I	0.58	22.4		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M.		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
17	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	J	24.10	R	9.73	E	14	D	0.10	22.6		
17	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	J	23.93	R	9.57		*		*	*		
17	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	J	24.00	R	10.36		*		*	*		
17	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	J	24.10	R	10.50		*		*	*		
17	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	J	24.27	R	10.96		*		*	*		
17	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	J	24.31	R	11.34		*		*	*		
17	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	26	I	0.61	22.6		
17	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	25	I	0.61	22.7		
17	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	27	I	0.58	22.9		
17	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	21	19	05			00.0	J	24.17	R	9.09	E	11	D	0.08	23.1		
17	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	21	19	05			02.0	J	24.27	R	9.14		*		*	*		
17	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	21	19	05			03.0	J	24.27	R	10.17		*		*	*		
17	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	21	19	05			04.0	J	24.27	R	10.48		*		*	*		
17	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	21	19	05			05.0	J	24.17	R	10.59		*		*	*		
17	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	21	19	05			06.0	J	24.24	R	10.73		*		*	*		
17	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	21	19	05			02.0					I	24	I	0.58	23.3		
17	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	21	19	05			03.0					I	26	I	0.50	23.4		
17	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	J	23.90	R	9.72	E	13	D	0.08	23.6		
17	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	J	24.14	R	9.03		*		*	*		
17	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	J	24.27	R	9.22		*		*	*		
17	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	J	24.27	R	9.60		*		*	*		
17	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	J	24.31	R	9.95		*		*	*		
17	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	J	24.27	R	11.13		*		*	*		
17	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	24	I	0.50	23.7		
17	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	24	I	0.40	23.8		
18	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		8	20	19	05			00.0	J	24.07	R	8.82	E	14	D	0.07	00.1		
18	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		8	20	19	05			02.0	J	24.14	R	8.96		*		*	*		
18	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		8	20	19	05			03.0	J	24.27	R	9.23		*		*	*		
18	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		8	20	19	05			04.0	J	24.47	R	9.53		*		*	*		
18	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		8	20	19	05			05.0	J	24.44	R	10.76		*		*	*		
18	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		8	20	19	05			06.0	J	24.24				*		*	*		
18	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		8	20	19	05			02.0					I	24	I	0.40	00.3		
18	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		8	20	19	05			03.0					I	24	I	0.35	00.4		
18	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		8	20	19	05			06.0					I	28	I	0.36	00.1		
18	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	J	23.87	R	8.58	E	13	D	0.06	00.6		
18	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	J	24.31	R	9.32		*		*	*		
18	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	J	24.47	R	9.51		*		*	*		
18	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	J	24.47	R	9.58		*		*	*		
18	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	J	24.20	R	11.22		*		*	*		
18	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	J	24.20				*		*	*		
18	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	22	I	0.25	00.6		
18	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	22	I	0.25	00.7		
18	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	26	I	0.14	00.9		
18	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		8	20	21	07			00.0	J	24.75	R	9.56	E	10	D	0.03	01.2		
18	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		8	20	21	07			02.0	J	24.88	R	9.84		*		*	*		
18	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		8	20	21	07			03.0	J	24.95	R	9.94		*		*	*		
18	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		8	20	21	07			04.0	J	24.85	R	10.04		*		*	*		
18	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		8	20	21	07			05.0	J	24.58	R	11.34		*		*	*		
18	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		8	20	21	07			06.0	J	24.54	R	11.78		*		*	*		
18	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		8	20	21	07			02.0					I	22	I	0.12	01.3		
18	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		8	20	21	07			03.0					I	20	I	0.15	01.4		
18	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	J	24.24	R	9.13	E	11	D	0.01	01.7		
18	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	J	24.92	R	9.83		*		*	*		
18	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	J	24.85	R	10.23		*		*	*		
18	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	J	24.71	R	10.70		*		*	*		
18	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	J	24.61	R	11.26		*		*	*		
18	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	J	24.54	R	11.76		*		*	*		
18	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	17	I	0.10	01.6		
18	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	05	I	0.10	01.8		
18	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	05	I	0.25	01.9		
18	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	21	20	07			00.0	J	24.68	R	9.70	E	66	D	0.00	02.2		
18	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	21	20	07			02.0	J	24.78	R	10.12		*		*	*		
18	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	21	20	07			03.0	J	24.85	R	10.45		*		*	*		
18	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	21	20	07			04.0	J	24.64	R	11.01		*		*	*		
18	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	21	20	07			05.0	J	24.58	R	11.35		*		*	*		
18	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	21	20	07			06.0	J	24.51	R	12.03		*		*	*		
18	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	21	20	07			02.0					I	09	I	0.18	02.3		
18	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	21	20	07			03.0					I	09	I	0.20	02.4		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
18	06	64	02.5	PA	0002	37	02.7	76	34.8	7	*			*		00.0	J	24.47	R	9.29	E	30	D	0.01	02.7
18	06	64	02.5	PA	0002	37	02.7	76	34.8	7	*			*		02.0	J	24.75	R	10.21		*		*	*
18	06	64	02.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0	J	24.75	R	10.99		*		*	*
18	06	64	02.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0	J	24.58	R	11.07		*		*	*
18	06	64	02.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0	J	24.51	R	11.73		*		*	*
18	06	64	02.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0	J	24.44	R	13.37		*		*	*
18	06	64	02.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0					I	06	I	0.28	02.6
18	06	64	02.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0					I	06	I	0.30	02.7
18	06	64	02.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0					I	07	I	0.40	02.9
18	06	64	03.0	PA	0002	37	02.7	76	34.8	*7	2	20	22	04		00.0	J	24.24	R	9.26	E	32	D	0.02	03.3
18	06	64	03.0	PA	0002	37	02.7	76	34.8	*7	2	20	22	04		02.0	J	25.22	R	10.48		*		*	*
18	06	64	03.0	PA	0002	37	02.7	76	34.8	*7	2	20	22	04		03.0	J	24.95	R	11.03		*		*	*
18	06	64	03.0	PA	0002	37	02.7	76	34.8	*7	2	20	22	04		04.0	J	24.88	R	11.40		*		*	*
18	06	64	03.0	PA	0002	37	02.7	76	34.8	*7	2	20	22	04		05.0	J	24.81	R	13.24		*		*	*
18	06	64	03.0	PA	0002	37	02.7	76	34.8	*7	2	20	22	04		06.0	J	24.85	R	13.31		*		*	*
18	06	64	03.0	PA	0002	37	02.7	76	34.8	*7	2	20	22	04		02.0					I	05	I	0.28	03.3
18	06	64	03.0	PA	0002	37	02.7	76	34.8	*7	2	20	22	04		03.0					I	04	I	0.33	03.4
18	06	64	03.5	PA	0002	37	02.7	76	34.8	7	*			*		00.0	J	24.64	R	9.39	E	32	D	0.04	03.7
18	06	64	03.5	PA	0002	37	02.7	76	34.8	7	*			*		02.0	J	25.02	R	11.05		*		*	*
18	06	64	03.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0	J	24.85	R	11.47		*		*	*
18	06	64	03.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0	J	24.85	R	13.10		*		*	*
18	06	64	03.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0	J	24.88	R	13.28		*		*	*
18	06	64	03.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0	J	24.88	R	13.30		*		*	*
18	06	64	03.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0					I	06	I	0.50	03.6
18	06	64	03.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0					I	06	I	0.40	03.7
18	06	64	03.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0					I	07	I	0.50	03.9
18	06	64	04.0	PA	0002	37	02.7	76	34.8	*7	3	20	17	04		00.0	J	24.51	R	9.48	E	33	D	0.03	04.2
18	06	64	04.0	PA	0002	37	02.7	76	34.8	*7	3	20	17	04		02.0	J	24.92	R	11.13		*		*	*
18	06	64	04.0	PA	0002	37	02.7	76	34.8	*7	3	20	17	04		03.0	J	24.88	R	12.76		*		*	*
18	06	64	04.0	PA	0002	37	02.7	76	34.8	*7	3	20	17	04		04.0	J	24.85	R	13.18		*		*	*
18	06	64	04.0	PA	0002	37	02.7	76	34.8	*7	3	20	17	04		05.0	J	24.88	R	13.32		*		*	*
18	06	64	04.0	PA	0002	37	02.7	76	34.8	*7	3	20	17	04		06.0	J	24.88	R	13.40		*		*	*
18	06	64	04.0	PA	0002	37	02.7	76	34.8	*7	3	20	17	04		02.0					I	04	I	0.38	04.3
18	06	64	04.0	PA	0002	37	02.7	76	34.8	*7	3	20	17	04		03.0					I	04	I	0.50	04.4
18	06	64	04.5	PA	0002	37	02.7	76	34.8	7	*			*		00.0	J	24.44	R	10.27	E	32	D	0.03	04.7
18	06	64	04.5	PA	0002	37	02.7	76	34.8	7	*			*		02.0	J	24.85	R	12.46		*		*	*
18	06	64	04.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0	J	24.88	R	13.35		*		*	*
18	06	64	04.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0	J	24.92	R	13.60		*		*	*
18	06	64	04.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0	J	24.92	R	13.67		*		*	*
18	06	64	04.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0	J	24.92	R	13.79		*		*	*
18	06	64	04.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0					I	04	I	0.40	04.6
18	06	64	04.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0					I	06	I	0.40	04.7
18	06	64	04.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0					I	05	I	0.30	04.9
18	06	64	05.0	PA	0002	37	02.7	76	34.8	*7	3	20	16	01	0.8	00.0	J	24.31	R	9.75	E	32	D	0.02	05.2
18	06	64	05.0	PA	0002	37	02.7	76	34.8	*7	3	20	16	01	0.8	02.0	J	24.81	R	11.71		*		*	*
18	06	64	05.0	PA	0002	37	02.7	76	34.8	*7	3	20	16	01	0.8	03.0	J	24.85	R	12.35		*		*	*
18	06	64	05.0	PA	0002	37	02.7	76	34.8	*7	3	20	16	01	0.8	04.0	J	24.88	R	13.80		*		*	*
18	06	64	05.0	PA	0002	37	02.7	76	34.8	*7	3	20	16	01	0.8	05.0	J	24.88	R	14.12		*		*	*
18	06	64	05.0	PA	0002	37	02.7	76	34.8	*7	3	20	16	01	0.8	06.0	J	24.81	R	14.30		*		*	*
18	06	64	05.0	PA	0002	37	02.7	76	34.8	*7	3	20	16	01	0.8	03.0					I	06	I	0.30	05.3
18	06	64	05.5	PA	0002	37	02.7	76	34.8	7	*			*		00.0	J	24.24	R	9.91	E	28	D	0.02	05.7
18	06	64	05.5	PA	0002	37	02.7	76	34.8	7	*			*		02.0	J	24.71	R	11.24		*		*	*
18	06	64	05.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0	J	24.75	R	11.86		*		*	*
18	06	64	05.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0	J	24.81	R	14.35		*		*	*
18	06	64	05.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0	J	24.75	R	14.55		*		*	*
18	06	64	05.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0	J	24.75	R	14.57		*		*	*
18	06	64	05.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0					I	04	I	0.28	05.5
18	06	64	05.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0					I	06	I	0.25	05.6
18	06	64	05.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0					I	06	I	0.25	05.8
18	06	64	05.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0					I	06	I	0.25	05.9
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		00.0	J	24.27	R	10.06	E	26	D	0.01	06.3
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		02.0	J	24.68	R	11.14		*		*	*
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		03.0	J	24.64	R	11.89		*		*	*
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		04.0	J	24.78	R	14.54		*		*	*
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		05.0	J	24.75	R	14.69		*		*	*
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		06.0	J	24.75	R	14.72		*		*	*
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		02.0					I	36	I	0.25	06.1
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		02.0					I	09	I	0.23	06.3
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		03.0					I	36	I	0.14	06.4
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		04.0					I	09	I	0.14	06.6
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		05.0					I	11	I	0.10	06.7
18	06	64	06.0	PA	0002	37	02.7	76	34.8	*7	3	21	18	00		06.0					I	12	I	0.06	06.9

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
18	06	64	07.0	PA	0002	37	02.7	76	34.8	*7	4	22	18	00	0.8	00.0	J	24.78	R	10.05	E	77	D	0.00	07.1
18	06	64	07.0	PA	0002	37	02.7	76	34.8	*7	4	22	18	00	0.8	02.0	J	24.81	R	9.93		*		*	*
18	06	64	07.0	PA	0002	37	02.7	76	34.8	*7	4	22	18	00	0.8	03.0	J	25.43	R	14.64		*		*	*
18	06	64	07.0	PA	0002	37	02.7	76	34.8	*7	4	22	18	00	0.8	04.0	J	25.40	R	14.74		*		*	*
18	06	64	07.0	PA	0002	37	02.7	76	34.8	*7	4	22	18	00	0.8	05.0	J	25.40	R	14.74		*		*	*
18	06	64	07.0	PA	0002	37	02.7	76	34.8	*7	4	22	18	00	0.8	06.0	J	25.40	R	14.77		*		*	*
18	06	64	07.0	PA	0002	37	02.7	76	34.8	*7	4	22	18	00		02.0					I	30	I	0.11	07.3
18	06	64	07.0	PA	0002	37	02.7	76	34.8	*7	4	22	18	00		03.0					I	29	I	0.06	07.4
18	06	64	07.5	PA	0002	37	02.7	76	34.8	7	*			*		00.0	J	24.75	R	12.54	E	15	D	0.03	07.7
18	06	64	07.5	PA	0002	37	02.7	76	34.8	7	*			*		02.0	J	25.02	R	10.10		*		*	*
18	06	64	07.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0	J	25.09	R	14.55		*		*	*
18	06	64	07.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0	J	25.05	R	14.70		*		*	*
18	06	64	07.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0	J	25.05	R	14.74		*		*	*
18	06	64	07.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0	J	25.05	R	14.75		*		*	*
18	06	64	07.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0					I	24	I	0.10	07.6
18	06	64	07.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0					I	24	I	0.15	07.9
18	06	64	08.0	PA	0002	37	02.7	76	34.8	7	5	25	8	00		00.0	J	25.02	R	9.87	E	13	D	0.03	08.2
18	06	64	08.0	PA	0002	37	02.7	76	34.8	7	5	25	8	00		02.0	J	24.95	R	13.09		*		*	*
18	06	64	08.0	PA	0002	37	02.7	76	34.8	7	5	25	8	00		03.0	J	25.12	R	14.43		*		*	*
18	06	64	08.0	PA	0002	37	02.7	76	34.8	7	5	25	8	00		04.0	J	25.09	R	14.57		*		*	*
18	06	64	08.0	PA	0002	37	02.7	76	34.8	7	5	25	8	00		05.0	J	25.09	R	14.62		*		*	*
18	06	64	08.0	PA	0002	37	02.7	76	34.8	7	5	25	8	00		06.0	J	25.09	R	11.16		*		*	*
18	06	64	08.0	PA	0002	37	02.7	76	34.8	7	5	25	8	00		02.0					U	27	I	0.30	08.3
18	06	64	08.0	PA	0002	37	02.7	76	34.8	7	5	25	8	00		03.0					I	24	I	0.30	08.4
18	06	64	08.5	PA	0002	37	02.7	76	34.8	7	*			*		00.0	J	25.05	R	9.99	E	13	D	0.06	08.6
18	06	64	08.5	PA	0002	37	02.7	76	34.8	7	*			*		02.0	J	25.16	R	13.30		*		*	*
18	06	64	08.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0	J	25.16	R	13.62		*		*	*
18	06	64	08.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0	J	25.16	R	14.27		*		*	*
18	06	64	08.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0	J	25.12	R	14.31		*		*	*
18	06	64	08.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0	J	25.09	R	14.82		*		*	*
18	06	64	08.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0					I	24	I	0.30	08.9
18	06	64	08.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0					I	24	I	0.30	08.7
18	06	64	09.0	PA	0002	37	02.7	76	34.8	*7	6	26	12	04	0.9	00.0	J	25.40	R	10.20	E	14	D	0.07	09.1
18	06	64	09.0	PA	0002	37	02.7	76	34.8	*7	6	26	12	04	0.9	02.0	J	24.81	R	13.24		*		*	*
18	06	64	09.0	PA	0002	37	02.7	76	34.8	*7	6	26	12	04	0.9	03.0	J	24.78	R	13.63		*		*	*
18	06	64	09.0	PA	0002	37	02.7	76	34.8	*7	6	26	12	04	0.9	04.0	J	24.78	R	13.98		*		*	*
18	06	64	09.0	PA	0002	37	02.7	76	34.8	*7	6	26	12	04	0.9	05.0	J	24.81	R	14.09		*		*	*
18	06	64	09.0	PA	0002	37	02.7	76	34.8	*7	6	26	12	04	0.9	06.0	J	24.81	R	14.08		*		*	*
18	06	64	09.0	PA	0002	37	02.7	76	34.8	*7	6	26	12	04	0.9	02.0					I	24	I	0.45	09.3
18	06	64	09.0	PA	0002	37	02.7	76	34.8	*7	6	26	12	04	0.9	03.0					I	24	I	0.45	09.4
18	06	64	09.0	PA	0002	37	02.7	76	34.8	*7	6	26	12	04	0.9	06.0					I	27	I	0.40	09.1
18	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		00.0	J	25.12	R	10.17	E	13	D	0.10	09.6
18	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		02.0	J	24.88	R	10.48		*		*	*
18	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0	J	24.81	R	13.49		*		*	*
18	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0	J	24.85	R	13.60		*		*	*
18	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0	J	24.85	R	13.71		*		*	*
18	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0	J	24.85	R	13.78		*		*	*
18	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0					I	24	I	0.40	09.6
18	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0					I	27	I	0.50	09.7
18	06	64	09.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0					I	27	I	0.40	09.9
18	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	27	11	02	0.9	00.0	J	25.29	R	10.02	E	16	D	0.11	10.1
18	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	27	11	02	0.9	02.0	J	24.61	R	10.91		*		*	*
18	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	27	11	02	0.9	03.0	J	24.58	R	11.89		*		*	*
18	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	27	11	02	0.9	04.0	J	24.61	R	12.86		*		*	*
18	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	27	11	02	0.9	05.0	J	24.51	R	13.52		*		*	*
18	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	27	11	02	0.9	06.0	J	24.51	R	13.76		*		*	*
18	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	27	11	02	0.9	02.0					I	24	I	0.60	10.3
18	06	64	10.0	PA	0002	37	02.7	76	34.8	*7	6	27	11	02	0.9	03.0					I	25	I	0.70	10.4
18	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*		00.0	J	25.16	R	9.52	E	16	D	0.10	10.6
18	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*		02.0	J	24.78	R	9.75		*		*	*
18	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*		03.0	J	24.71	R	10.11		*		*	*
18	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0	J	24.64	R	10.42		*		*	*
18	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0	J	24.64	R	11.00		*		*	*
18	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0	J	24.47	R	12.40		*		*	*
18	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*		04.0					I	27	I	0.68	10.6
18	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*		05.0					I	27	I	0.60	10.8
18	06	64	10.5	PA	0002	37	02.7	76	34.8	7	*			*		06.0					I	27	I	0.45	10.9

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
18	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		7	28	10	04			00.0			R	9.58	E	16	D	0.08	11.0	
18	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		7	28	10	04			02.0			R	10.16		*		*	*	
18	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		7	28	10	04			03.0			R	10.14		*		*	*	
18	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		7	28	10	04			04.0			R	10.38		*		*	*	
18	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		7	28	10	04			05.0			R	11.24		*		*	*	
18	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		7	28	10	04			06.0			R	12.36		*		*	*	
18	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		7	28	10	04			02.0					I	24	I	0.50	11.4	
18	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		7	28	10	04			06.0					I	24	I	0.50	11.3	
18	06	64	11.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	9.16	E	14	D	0.11	11.5	
18	06	64	11.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	9.61		*		*	*	
18	06	64	11.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	9.78		*		*	*	
18	06	64	11.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	9.98		*		*	*	
18	06	64	11.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	10.21		*		*	*	
18	06	64	11.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0						*		*	*	
18	06	64	11.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	27	I	0.50	11.6	
18	06	64	11.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	25	I	0.45	11.8	
18	06	64	11.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	27	I	0.40	11.9	
18	06	64	12.0	PA	0002	37	02.7	76	34.8	*7		7	27	15	03	0.8		00.0			R	9.20	E	21	D	0.13	12.1	
18	06	64	12.0	PA	0002	37	02.7	76	34.8	*7		7	27	15	03	0.8		02.0			R	9.56		*		*	*	
18	06	64	12.0	PA	0002	37	02.7	76	34.8	*7		7	27	15	03	0.8		03.0			R	9.66		*		*	*	
18	06	64	12.0	PA	0002	37	02.7	76	34.8	*7		7	27	15	03	0.8		04.0			R	9.84		*		*	*	
18	06	64	12.0	PA	0002	37	02.7	76	34.8	*7		7	27	15	03	0.8		05.0			R	9.96		*		*	*	
18	06	64	12.0	PA	0002	37	02.7	76	34.8	*7		7	27	15	03	0.8		06.0			R	10.46		*		*	*	
18	06	64	12.0	PA	0002	37	02.7	76	34.8	*7		7	27	15	03	0.8		02.0					I	23	I	0.35	12.3	
18	06	64	12.0	PA	0002	37	02.7	76	34.8	*7		7	27	15	03	0.8		03.0					I	24	I	0.30	12.4	
18	06	64	12.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0			R	9.27	E	22	D	0.32	*	
18	06	64	12.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0			R	9.54		*		*	*	
18	06	64	12.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0			R	9.71		*		*	*	
18	06	64	12.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0			R	9.81		*		*	*	
18	06	64	12.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0			R	9.82		*		*	*	
18	06	64	12.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0			R	10.70		*		*	*	
18	06	64	12.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	24	I	0.26	12.6	
18	06	64	12.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	24	I	0.26	12.8	
18	06	64	12.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	24	I	0.24	12.9	
18	06	64	13.0	PA	0002	37	02.7	76	34.8	*7		8	27	14	08			00.0	M	25.52	R	9.31	E	15	D	0.47	13.2	
18	06	64	13.0	PA	0002	37	02.7	76	34.8	*7		8	27	14	08			02.0	M	25.20	R	9.56		*		*	*	
18	06	64	13.0	PA	0002	37	02.7	76	34.8	*7		8	27	14	08			03.0	M	25.04	R	9.72		*		*	*	
18	06	64	13.0	PA	0002	37	02.7	76	34.8	*7		8	27	14	08			04.0	M	24.92	R	9.83		*		*	*	
18	06	64	13.0	PA	0002	37	02.7	76	34.8	*7		8	27	14	08			05.0	M	24.72	R	10.49		*		*	*	
18	06	64	13.0	PA	0002	37	02.7	76	34.8	*7		8	27	14	08			06.0	M	24.68	R	11.17		*		*	*	
18	06	64	13.0	PA	0002	37	02.7	76	34.8	*7		8	27	14	08			02.0					I	20	I	0.20	13.3	
18	06	64	13.0	PA	0002	37	02.7	76	34.8	*7		8	27	14	08			03.0					I	16	I	0.12	13.4	
18	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	25.05	R	9.51	E	11	D	0.03	13.6	
18	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.92	R	9.49		*		*	*	
18	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.80	R	9.60		*		*	*	
18	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.65	R	9.82		*		*	*	
18	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.61	R	9.95		*		*	*	
18	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.53	R	10.86		*		*	*	
18	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	21	I	0.20	13.6	
18	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	27	I	0.12	13.8	
18	06	64	13.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	08	I	0.25	13.9	
18	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	28	15	05	0.7		00.0	M	25.18	R	9.26	E	33	D	0.04	14.1	
18	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	28	15	05	0.7		02.0	M	24.80	R	9.75		*		*	*	
18	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	28	15	05	0.7		03.0	M	24.62	R	10.39		*		*	*	
18	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	28	15	05	0.7		04.0	M	24.55	R	11.03		*		*	*	
18	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	28	15	05	0.7		05.0	M	24.47	R	11.62		*		*	*	
18	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	28	15	05	0.7		06.0	M	24.43	R	12.29		*		*	*	
18	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	28	15	05			02.0					I	12	I	0.25	14.3	
18	06	64	14.0	PA	0002	37	02.7	76	34.8	*7		1	28	15	05			03.0					I	08	I	0.25	14.4	
18	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	25.58	R	9.14	E	09	D	0.01	14.6	
18	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.89	R	10.16		*		*	*	
18	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.70	R	10.33		*		*	*	
18	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.62	R	10.92		*		*	*	
18	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.59	R	11.89		*		*	*	
18	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.40	R	12.51		*		*	*	
18	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	05	I	0.25	14.6	
18	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	05	I	0.45	14.8	
18	06	64	14.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	05	I	0.40	14.9	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
18	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		1	29	18	06	0.6		00.0	M	25.96	R	9.48	E	33	D	0.03	15.3		
18	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		1	29	18	06	0.6		02.0	M	24.64	R	10.18		*		*	*		
18	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		1	29	18	06	0.6		03.0	M	24.60	R	10.30		*		*	*		
18	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		1	29	18	06	0.6		04.0	M	24.60	R	10.77		*		*	*		
18	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		1	29	18	06	0.6		05.0	M	24.56	R	12.55		*		*	*		
18	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		1	29	18	06	0.6		06.0	M	24.56	R	12.74		*		*	*		
18	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		1	29	18	06	0.6		02.0					I	05	I	0.30	15.2		
18	06	64	15.0	PA	0002	37	02.7	76	34.8	*7		1	29	18	06	0.6		03.0					I	05	I	0.40	15.4		
18	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	25.28	R	9.52	E	34	D	0.05	15.7		
18	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.88	R	10.22		*		*	*		
18	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.88	R	10.64		*		*	*		
18	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.80	R	12.25		*		*	*		
18	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.60	R	13.10		*		*	*		
18	06	64	15.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.52	R	13.16		*		*	*		
18	06	64	15.5	PA	0002	37	02.7	76	34.0	7		*		*	*			04.0					I	05	I	0.55	15.6		
18	06	64	15.5	PA	0002	37	02.7	76	34.0	7		*		*	*			05.0					I	05	I	0.55	15.7		
18	06	64	15.5	PA	0002	37	02.7	76	34.0	7		*		*	*			06.0					I	06	I	0.45	15.9		
18	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	28	20	08	0.5		00.0	M	25.08	R	10.02	E	35	D	0.06	16.3		
18	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	28	20	08	0.5		02.0	M	24.88	R	10.90		*		*	*		
18	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	28	20	08	0.5		03.0	M	24.64	R	12.01		*		*	*		
18	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	28	20	08	0.5		04.0	M	24.60	R	12.74		*		*	*		
18	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	28	20	08	0.5		05.0	M	24.56	R	12.87		*		*	*		
18	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	28	20	08	0.5		06.0	M	24.56	R	13.33		*		*	*		
18	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	28	20	08	0.5		02.0					I	04	I	0.50	16.3		
18	06	64	16.0	PA	0002	37	02.7	76	34.8	*7		3	28	20	08	0.5		03.0					I	04	I	0.50	16.4		
18	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	25.08	R	10.19	E	35	D	0.06	16.5		
18	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	25.08	R	12.50		*		*	*		
18	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.76	R	12.75		*		*	*		
18	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.56	R	13.49		*		*	*		
18	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.40	R	13.63		*		*	*		
18	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.40	R	13.76		*		*	*		
18	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	06	I	0.40	16.6		
18	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.45	16.8		
18	06	64	16.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	06	I	0.45	16.9		
18	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	08	0.8		00.0	M	25.08	R	10.91	E	34	D	0.07	17.1		
18	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	08	0.8		02.0	M	25.12	R	12.81		*		*	*		
18	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	08	0.8		03.0	M	24.64	R	13.65		*		*	*		
18	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	08	0.8		04.0	M	24.52	R	13.86		*		*	*		
18	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	08	0.8		05.0	M	24.40	R	13.96		*		*	*		
18	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	08	0.8		06.0	M	24.36	R	14.02		*		*	*		
18	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	08	0.8		02.0					I	03	I	0.50	17.3		
18	06	64	17.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	08	0.8		03.0					I	04	I	0.35	17.4		
18	06	64	17.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0					E	34	D	0.04	17.7		
18	06	64	17.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	06	I	0.45	17.6		
18	06	64	17.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	05	I	0.30	17.8		
18	06	64	17.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	06	I	0.25	17.9		
18	06	64	18.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	06	0.6		00.0	M	24.80	R	11.57	E	35	D	0.04	18.2		
18	06	64	18.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	06	0.6		02.0	M	24.48	R	13.83		*		*	*		
18	06	64	18.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	06	0.6		03.0	M	24.48	R	14.17		*		*	*		
18	06	64	18.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	06	0.6		04.0	M	24.36	R	14.49		*		*	*		
18	06	64	18.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	06	0.6		05.0	M	24.28	R	14.64		*		*	*		
18	06	64	18.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	06	0.6		06.0	M	24.24	R	14.74		*		*	*		
18	06	64	18.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	06	0.6		02.0					I	03	I	0.30	18.3		
18	06	64	18.0	PA	0002	37	02.7	76	34.8	*7		3	27	21	06	0.6		03.0					I	05	I	0.30	18.4		
18	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.72	R	11.95	E	35	D	0.03	18.5		
18	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.40	R	14.14		*		*	*		
18	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.32	R	14.48		*		*	*		
18	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.32	R	14.55		*		*	*		
18	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.32	R	14.68		*		*	*		
18	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.32	R	14.69		*		*	*		
18	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	07	I	0.25	18.6		
18	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	07	I	0.20	18.8		
18	06	64	18.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	07	I	0.18	18.9		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
18	06	64	19.0	PA	0002	37	02.7	76	34.8	*7		4	26	18	03			00.0	M	24.60	R	12.33	E	01	D	0.03	19.1		
18	06	64	19.0	PA	0002	37	02.7	76	34.8	*7		4	26	18	03			02.0	M	24.48	R	13.98		*		*	*		
18	06	64	19.0	PA	0002	37	02.7	76	34.8	*7		4	26	18	03			03.0	M	24.40	R	14.27		*		*	*		
18	06	64	19.0	PA	0002	37	02.7	76	34.8	*7		4	26	18	03			04.0	M	24.28	R	14.53		*		*	*		
18	06	64	19.0	PA	0002	37	02.7	76	34.8	*7		4	26	18	03			05.0	M	24.24	R	14.61		*		*	*		
18	06	64	19.0	PA	0002	37	02.7	76	34.8	*7		4	26	18	03			06.0	M	24.24	R	14.67		*		*	*		
18	06	64	19.0	PA	0002	37	02.7	76	34.8	*7		4	26	18	03			02.0					I	02	I	0.12	19.2		
18	06	64	19.0	PA	0002	37	02.7	76	34.8	*7		4	26	18	03			03.0					I	05	I	0.12	19.4		
18	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.40	R	12.98	E	13	D	0.03	19.6		
18	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.32	R	13.28		*		*	*		
18	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.20	R	13.74		*		*	*		
18	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.12	R	14.61		*		*	*		
18	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.12	R	14.66		*		*	*		
18	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.12	R	14.76		*		*	*		
18	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	06	I	0.06	19.6		
18	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	13	I	0.05	19.8		
18	06	64	19.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	36	I	0.04	19.9		
18	06	64	20.0	PA	0002	37	02.7	76	34.8	*7		5	26	16	03			00.0	M	24.44	R	12.09	E	18	D	0.04	20.1		
18	06	64	20.0	PA	0002	37	02.7	76	34.8	*7		5	26	16	03			02.0	M	24.28	R	13.18		*		*	*		
18	06	64	20.0	PA	0002	37	02.7	76	34.8	*7		5	26	16	03			03.0	M	24.20	R	14.43		*		*	*		
18	06	64	20.0	PA	0002	37	02.7	76	34.8	*7		5	26	16	03			04.0	M	24.20	R	14.65		*		*	*		
18	06	64	20.0	PA	0002	37	02.7	76	34.8	*7		5	26	16	03			05.0	M	24.12	R	14.78		*		*	*		
18	06	64	20.0	PA	0002	37	02.7	76	34.8	*7		5	26	16	03			06.0	M	24.12	R	14.85		*		*	*		
18	06	64	20.0	PA	0002	37	02.7	76	34.8	*7		5	26	16	03			02.0					I	23	I	0.15	20.3		
18	06	64	20.0	PA	0002	37	02.7	76	34.8	*7		5	26	16	03			03.0					I	25	I	0.07	20.4		
18	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.52	R	11.95	E	14	D	0.05	20.6		
18	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.52	R	11.89		*		*	*		
18	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.32	R	13.11		*		*	*		
18	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.24	R	14.51		*		*	*		
18	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.24	R	14.68		*		*	*		
18	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.20	R	14.80		*		*	*		
18	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	27	I	0.09	20.6		
18	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	24	I	0.20	20.8		
18	06	64	20.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	25	I	0.28	20.9		
18	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		5	25	18	06			00.0	M	24.40	R	12.22	E	10	D	0.04	21.5		
18	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		5	25	18	06			02.0	M	24.32	R	12.72		*		*	*		
18	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		5	25	18	06			03.0	M	24.28	R	14.27		*		*	*		
18	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		5	25	18	06			04.0	M	24.16	R	13.24		*		*	*		
18	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		5	25	18	06			05.0	M	24.12	R	13.10		*		*	*		
18	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		5	25	18	06			06.0	M	24.12	R	14.57		*		*	*		
18	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		5	25	18	06			02.0					I	25	I	0.20	21.3		
18	06	64	21.0	PA	0002	37	02.7	76	34.8	*7		5	25	18	06			03.0					I	24	I	0.24	21.4		
18	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.32	R	11.97	E	10	D	0.09	21.6		
18	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.28	R	11.95		*		*	*		
18	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.28	R	11.93		*		*	*		
18	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.20	R	13.69		*		*	*		
18	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.20	R	14.03		*		*	*		
18	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.20	R	14.40		*		*	*		
18	06	64	21.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	25	I	0.30	21.6		
18	06	64	22.0	PA	0002	37	02.7	76	34.8	7		5	25		05			00.0	M	24.32	R	13.36	E	12	D	0.07	22.1		
18	06	64	22.0	PA	0002	37	02.7	76	34.8	7		5	25		05			02.0	M	24.24	R	11.66		*		*	*		
18	06	64	22.0	PA	0002	37	02.7	76	34.8	7		5	25		05			03.0	M	24.24	R	11.64		*		*	*		
18	06	64	22.0	PA	0002	37	02.7	76	34.8	7		5	25		05			04.0	M	24.28	R	13.24		*		*	*		
18	06	64	22.0	PA	0002	37	02.7	76	34.8	7		5	25		05			05.0	M	24.24	R	13.68		*		*	*		
18	06	64	22.0	PA	0002	37	02.7	76	34.8	7		5	25		05			06.0	M	24.24	R	14.69		*		*	*		
18	06	64	22.0	PA	0002	37	02.7	76	34.8	7		5	25		05			02.0					I	23	I	0.40	22.2		
18	06	64	22.0	PA	0002	37	02.7	76	34.8	7		5	25		05			03.0					I	24	I	0.45	22.4		
18	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.36	R	11.49	E	13	D	0.10	22.6		
18	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.40	R	11.42		*		*	*		
18	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.44	R	11.53		*		*	*		
18	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.48	R	13.23		*		*	*		
18	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.44	R	13.41		*		*	*		
18	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.28	R	13.70		*		*	*		
18	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	25	I	0.45	22.6		
18	06	64	22.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	25	I	0.45	22.8		

DATE DAY	MONTH	YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	MIN. & TENTHS	LONGITUDE WEST DEGREES	MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	°C	SALINITY INSTR.	‰	CURRENT DIRXN INSTR.	CODE	VELOCITY INSTR.	M/SEC.	SAMPLE TIME (E.S.T.)		
18	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	25	18	07			00.0	M	24.52	R	11.46	E	25	D	0.10	23.2		
18	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	25	18	07			02.0	M	24.44	R	12.07		*		*	*		
18	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	25	18	07			03.0	M	24.36	R	12.68		*		*	*		
18	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	25	18	07			04.0	M	24.32	R	13.18		*		*	*		
18	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	25	18	07			05.0	M	24.28	R	13.72		*		*	*		
18	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	25	18	07			06.0	M	24.32	R	13.78		*		*	*		
18	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	25	18	07			02.0					I	25	I	0.60	23.3		
18	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	25	18	07			03.0					I	24	I	0.50	23.4		
18	06	64	23.0	PA	0002	37	02.7	76	34.8	*7		6	25	18	07			06.0					I	27	I	0.50	23.1		
18	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.28	R	11.03	E	27	D	0.02	23.6		
18	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.24	R	12.04		*		*	*		
18	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.20	R	12.62		*		*	*		
18	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.20	R	13.15		*		*	*		
18	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.16	R	13.39		*		*	*		
18	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.16	R	13.56		*		*	*		
18	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	24	I	0.45	23.6		
18	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	24	I	0.45	23.8		
18	06	64	23.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	27	I	0.40	23.9		
19	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			00.0	M	24.32	R	10.48	E	27	D	0.02	00.3		
19	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			02.0	M	24.28	R	10.93		*		*	*		
19	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			03.0	M	24.24	R	11.70		*		*	*		
19	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			04.0	M	24.24	R	12.00		*		*	*		
19	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			05.0	M	24.20	R	12.68		*		*	*		
19	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			06.0	M	24.16	R	13.26		*		*	*		
19	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			02.0					I	24	I	0.50	00.3		
19	06	64	00.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			03.0					I	24	I	0.50	00.4		
19	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.44	R	10.23	E	27	D	0.03	00.6		
19	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.36	R	10.73		*		*	*		
19	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.32	R	10.92		*		*	*		
19	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.28	R	11.77		*		*	*		
19	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.24	R	12.13		*		*	*		
19	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.24	R	12.84		*		*	*		
19	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	24	I	0.45	00.6		
19	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	23	I	0.40	00.8		
19	06	64	00.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	23	I	0.30	00.9		
19	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			00.0	M	24.36	R	10.21	E	27	D	0.03	01.1		
19	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			02.0	M	24.32	R	10.35		*		*	*		
19	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			03.0	M	24.28	R	10.47		*		*	*		
19	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			04.0	M	24.24	R	10.46		*		*	*		
19	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			05.0	M	24.20	R	11.01		*		*	*		
19	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			06.0	M	24.20	R	12.52		*		*	*		
19	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			02.0					I	24	I	0.40	01.3		
19	06	64	01.0	PA	0002	37	02.7	76	34.8	*7		7	24	22	07			03.0					I	24	I	0.30	01.4		
19	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.32	R	9.96	E	26	D	0.93	01.7		
19	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.32	R	9.94		*		*	*		
19	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.28	R	10.15		*		*	*		
19	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.24	R	10.96		*		*	*		
19	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.20	R	12.20		*		*	*		
19	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.16	R	12.46		*		*	*		
19	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	23	I	0.25	01.6		
19	06	64	01.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	23	I	0.24	01.8		
19	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	24	24	07			00.0	M	24.48	R	9.90	E	29	D	0.56	02.2		
19	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	24	24	07			02.0	M	24.44	R	10.27		*		*	*		
19	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	24	24	07			03.0	M	24.44	R	10.53		*		*	*		
19	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	24	24	07			04.0	M	24.36	R	12.03		*		*	*		
19	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	24	24	07			05.0	M	24.32	R	12.19		*		*	*		
19	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	24	24	07			06.0	M	24.28	R	12.47		*		*	*		
19	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	24	24	07			02.0					I	26	I	0.18	02.3		
19	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	24	24	07			03.0					I	19	I	0.12	02.4		
19	06	64	02.0	PA	0002	37	02.7	76	34.8	*7		1	24	24	07			06.0					I	29	I	0.03	02.0		
19	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.56	R	10.13	E	66	D	0.00	02.5		
19	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.48	R	10.68		*		*	*		
19	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.44	R	10.85		*		*	*		
19	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.36	R	11.10		*		*	*		
19	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.32	R	11.88		*		*	*		
19	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.24	R	12.19		*		*	*		
19	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	13	I	0.12	02.6		
19	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.10	02.8		
19	06	64	02.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	04	I	0.25	02.9		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
19	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		1	26	18	07			00.0	M	24.40	R	9.97	E	66	D	0.00	03.1		
19	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		1	26	18	07			02.0	M	24.44	R	10.35		*		*	*		
19	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		1	26	18	07			03.0	M	24.60	R	11.69		*		*	*		
19	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		1	26	18	07			04.0	M	24.28	R	11.94		*		*	*		
19	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		1	26	18	07			05.0	M	24.32	R	12.56		*		*	*		
19	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		1	26	18	07			06.0	M	24.36	R	12.98		*		*	*		
19	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		1	26	18	07			02.0					I	10	I	0.20	03.3		
19	06	64	03.0	PA	0002	37	02.7	76	34.8	*7		1	26	18	07			03.0					I	08	I	0.10	03.4		
19	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.08	R	9.94	E	66	D	0.00	03.6		
19	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.24	R	11.35		*		*	*		
19	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.40	R	11.88		*		*	*		
19	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.32	R	12.20		*		*	*		
19	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.36	R	12.86		*		*	*		
19	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.36	R	12.99		*		*	*		
19	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	06	I	0.28	03.6		
19	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.30	03.8		
19	06	64	03.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	06	I	0.30	03.9		
19	06	64	04.0	PA	0002	37	02.7	76	34.8	*7		*	23	18	07			00.0	M	24.08	R	10.05	E	31	D	0.02	04.4		
19	06	64	04.0	PA	0002	37	02.7	76	34.8	*7		*	23	18	07			02.0	M	24.24	R	12.04		*		*	*		
19	06	64	04.0	PA	0002	37	02.7	76	34.8	*7		*	23	18	07			03.0	M	24.24	R	12.02		*		*	*		
19	06	64	04.0	PA	0002	37	02.7	76	34.8	*7		*	23	18	07			04.0	M	24.24	R	12.45		*		*	*		
19	06	64	04.0	PA	0002	37	02.7	76	34.8	*7		*	23	18	07			05.0	M	24.24	R	13.00		*		*	*		
19	06	64	04.0	PA	0002	37	02.7	76	34.8	*7		*	23	18	07			06.0	M	24.32	R	13.15		*		*	*		
19	06	64	04.0	PA	0002	37	02.7	76	34.8	*7		*	23	18	07			02.0					I	06	I	0.26	04.3		
19	06	64	04.0	PA	0002	37	02.7	76	34.8	*7		*	23	18	07			03.0					I	05	I	0.34	04.4		
19	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.12	R	10.22	E	32	D	0.02	04.6		
19	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.24	R	12.11		*		*	*		
19	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.28	R	12.31		*		*	*		
19	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.20	R	12.80		*		*	*		
19	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.24	R	13.39		*		*	*		
19	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.27	R	13.58		*		*	*		
19	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	06	I	0.40	04.6		
19	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	06	I	0.40	04.8		
19	06	64	04.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	07	I	0.40	04.9		
19	06	64	05.0	PA	0002	37	02.7	76	34.8	*7		2	23	18	09			00.0	M	24.04	R	10.41	E	31	D	0.03	05.1		
19	06	64	05.0	PA	0002	37	02.7	76	34.8	*7		2	23	18	09			02.0	M	24.28	R	12.75		*		*	*		
19	06	64	05.0	PA	0002	37	02.7	76	34.8	*7		2	23	18	09			03.0	M	24.20	R	13.02		*		*	*		
19	06	64	05.0	PA	0002	37	02.7	76	34.8	*7		2	23	18	09			04.0	M	24.12	R	13.13		*		*	*		
19	06	64	05.0	PA	0002	37	02.7	76	34.8	*7		2	23	18	09			05.0	M	21.12	R	13.28		*		*	*		
19	06	64	05.0	PA	0002	37	02.7	76	34.8	*7		2	23	18	09			06.0	M	24.16	R	13.70		*		*	*		
19	06	64	05.0	PA	0002	37	02.7	76	34.8	*7		2	23	18	09			02.0					I	04	I	0.35	05.3		
19	06	64	05.0	PA	0002	37	02.7	76	34.8	*7		2	23	18	09			03.0					I	04	I	0.45	05.4		
19	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*	0.8		00.0	M	24.00	R	10.45	E	31	D	0.04	05.5		
19	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*	0.8		02.0	M	24.28	R	12.80		*		*	*		
19	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*	0.8		03.0	M	24.28	R	12.88		*		*	*		
19	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*	0.8		04.0	M	24.36	R	13.18		*		*	*		
19	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*	0.8		05.0	M	24.32	R	13.71		*		*	*		
19	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*	0.8		06.0	M	24.28	R	13.76		*		*	*		
19	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*	0.8		04.0					I	05	I	0.30	05.6		
19	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*	0.8		05.0					I	06	I	0.40	05.8		
19	06	64	05.5	PA	0002	37	02.7	76	34.8	7		*			*	0.8		06.0					I	06	I	0.30	05.9		
19	06	64	06.0	PA	0002	37	02.7	76	34.8	*7		2	23	21	07			00.0			R	10.93	E	32	D	0.06	*		
19	06	64	06.0	PA	0002	37	02.7	76	34.8	*7		2	23	21	07			02.0	M	23.92	R	12.80		*		*	*		
19	06	64	06.0	PA	0002	37	02.7	76	34.8	*7		2	23	21	07			03.0	M	24.20	R	13.63		*		*	*		
19	06	64	06.0	PA	0002	37	02.7	76	34.8	*7		2	23	21	07			04.0	M	24.32	R	13.77		*		*	*		
19	06	64	06.0	PA	0002	37	02.7	76	34.8	*7		2	23	21	07			05.0	M	24.24	R	13.78		*		*	*		
19	06	64	06.0	PA	0002	37	02.7	76	34.8	*7		2	23	21	07			06.0	M	24.12	R	13.84		*		*	*		
19	06	64	06.0	PA	0002	37	02.7	76	34.8	*7		2	23	21	07			02.0					I	04	I	0.25	06.3		
19	06	64	06.0	PA	0002	37	02.7	76	34.8	*7		2	23	21	07			03.0					I	05	U	0.30	06.4		
19	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.12	R	11.32	E	32	D	0.02	*		
19	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.16	R	12.41		*		*	*		
19	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.28	R	12.66		*		*	*		
19	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.24	R	13.97		*		*	*		
19	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.24	R	14.03		*		*	*		
19	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.24	R	14.05		*		*	*		
19	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	09	I	0.25	06.6		
19	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	08	I	0.21	06.8		
19	06	64	06.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	08	I	0.23	06.9		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
19	06	64	07.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	05	0.8		00.0	M	23.92	R	11.70	E	77	D	0.00	07.1	
19	06	64	07.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	05	0.8		02.0	M	23.92	R	13.14		*		*	*	
19	06	64	07.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	05	0.8		03.0	M	24.20	R	13.21		*		*	*	
19	06	64	07.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	05	0.8		04.0	M	24.20	R	13.69		*		*	*	
19	06	64	07.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	05	0.8		05.0	M	24.08	R	14.01		*		*	*	
19	06	64	07.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	05	0.8		06.0	M	24.08	R	14.33		*		*	*	
19	06	64	07.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	05	0.8		02.0					I	20	I	0.12	07.3	
19	06	64	07.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	05	0.8		03.0					I	05	I	0.15	07.4	
19	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	23.92	R	11.73		*	D	0.00	*	
19	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.00	R	11.38		*		*	*	
19	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.12	R	12.15		*		*	*	
19	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.16	R	13.52		*		*	*	
19	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.16	R	14.23		*		*	*	
19	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.12	R	14.37		*		*	*	
19	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	04	I	0.12	07.7	
19	06	64	07.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	12	I	0.05	07.9	
19	06	64	08.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	07	0.9		00.0	M	23.92	R	11.18	E	20	D	0.04	08.1	
19	06	64	08.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	07	0.9		02.0	M	24.00	R	11.11		*		*	*	
19	06	64	08.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	07	0.9		03.0	M	24.08	R	13.23		*		*	*	
19	06	64	08.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	07	0.9		04.0	M	24.04	R	14.28		*		*	*	
19	06	64	08.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	07	0.9		05.0	M	24.00	R	14.31		*		*	*	
19	06	64	08.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	07	0.9		06.0	M	24.00	R	14.42		*		*	*	
19	06	64	08.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	07	0.9		02.0					I	21	I	0.12	08.3	
19	06	64	08.0	PA	0002	37	02.7	76	34.8	*7		4	24	21	07	0.9		03.0					I	22	I	0.08	08.4	
19	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	23.92	R	11.38	E	12	D	0.04	08.6	
19	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	23.92	R	11.40		*		*	*	
19	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.04	R	13.63		*		*	*	
19	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.00	R	10.64		*		*	*	
19	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.00				*		*	*	
19	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	23.96				*		*	*	
19	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	22	I	0.12	08.6	
19	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	22	I	0.20	08.7	
19	06	64	08.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	24	I	0.18	08.9	
19	06	64	09.0	PA	0002	37	02.7	76	34.8	*7		5	25	22	07	0.8		00.0	M	24.04	R	11.64	E	10	D	0.07	09.1	
19	06	64	09.0	PA	0002	37	02.7	76	34.8	*7		5	25	22	07	0.8		02.0	M	24.12	R	11.76		*		*	*	
19	06	64	09.0	PA	0002	37	02.7	76	34.8	*7		5	25	22	07	0.8		03.0	M	24.00	R	13.66		*		*	*	
19	06	64	09.0	PA	0002	37	02.7	76	34.8	*7		5	25	22	07	0.8		04.0	M	24.08	R	13.90		*		*	*	
19	06	64	09.0	PA	0002	37	02.7	76	34.8	*7		5	25	22	07	0.8		05.0	M	24.00	R	13.96		*		*	*	
19	06	64	09.0	PA	0002	37	02.7	76	34.8	*7		5	25	22	07	0.8		06.0	M	24.12	R	14.08		*		*	*	
19	06	64	09.0	PA	0002	37	02.7	76	34.8	*7		5	25	22	07	0.8		02.0					I	23	I	0.25	09.4	
19	06	64	09.0	PA	0002	37	02.7	76	34.8	*7		5	25	22	07	0.8		06.0					I	22	I	0.25	09.2	
19	06	64	09.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.04	R	11.22	E	11	D	0.08	09.6	
19	06	64	09.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.12	R	12.87		*		*	*	
19	06	64	09.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.12	R	12.91		*		*	*	
19	06	64	09.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.16	R	13.38		*		*	*	
19	06	64	09.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	21.12	R	13.57		*		*	*	
19	06	64	09.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.16	R	13.95		*		*	*	
19	06	64	09.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	25	I	0.26	09.6	
19	06	64	09.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	24	I	0.40	09.8	
19	06	64	09.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	27	I	0.40	09.9	
19	06	64	10.0	PA	0002	37	02.7	76	34.8	*7		6	25	22	04	0.8		00.0	M	24.12	R	11.28	E	11	D	0.08	10.1	
19	06	64	10.0	PA	0002	37	02.7	76	34.8	*7		6	25	22	04	0.8		02.0	M	24.12	R	11.30		*		*	*	
19	06	64	10.0	PA	0002	37	02.7	76	34.8	*7		6	25	22	04	0.8		03.0	M	24.16	R	12.13		*		*	*	
19	06	64	10.0	PA	0002	37	02.7	76	34.8	*7		6	25	22	04	0.8		04.0	M	24.12	R	13.29		*		*	*	
19	06	64	10.0	PA	0002	37	02.7	76	34.8	*7		6	25	22	04	0.8		05.0	M	24.16	R	13.40		*		*	*	
19	06	64	10.0	PA	0002	37	02.7	76	34.8	*7		6	25	22	04	0.8		06.0	M	24.16	R	13.62		*		*	*	
19	06	64	10.0	PA	0002	37	02.7	76	34.8	*7		6	25	22	04	0.8		02.0					I	24	I	0.50	10.3	
19	06	64	10.0	PA	0002	37	02.7	76	34.8	*7		6	25	22	04	0.8		03.0					I	24	I	0.50	10.4	
19	06	64	10.5	PA	0002	37	02.7	76	34.8	7		*			*			00.0	M	24.20	R	11.66	E	10	D	0.13	10.6	
19	06	64	10.5	PA	0002	37	02.7	76	34.8	7		*			*			02.0	M	24.08	R	11.83		*		*	*	
19	06	64	10.5	PA	0002	37	02.7	76	34.8	7		*			*			03.0	M	24.20	R	12.07		*		*	*	
19	06	64	10.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0	M	24.16	R	12.30		*		*	*	
19	06	64	10.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0	M	24.16	R	12.84		*		*	*	
19	06	64	10.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0	M	24.20	R	13.38		*		*	*	
19	06	64	10.5	PA	0002	37	02.7	76	34.8	7		*			*			04.0					I	24	I	0.50	10.6	
19	06	64	10.5	PA	0002	37	02.7	76	34.8	7		*			*			05.0					I	26	I	0.50	10.8	
19	06	64	10.5	PA	0002	37	02.7	76	34.8	7		*			*			06.0					I	27	I	0.45	10.9	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
19	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		6	26	20	05			00.0	M	24.20	R	11.64	E	11	D	0.10	11.0		
19	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		6	26	20	05			02.0	M	24.16	R	11.67		*		*	*		
19	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		6	26	20	05			03.0	M	24.20	R	11.97		*		*	*		
19	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		6	26	20	05			04.0	M	24.20	R	12.11		*		*	*		
19	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		6	26	20	05			05.0	M	24.16	R	12.69		*		*	*		
19	06	64	11.0	PA	0002	37	02.7	76	34.8	*7		6	26	20	05			06.0	M	24.20	R	13.22		*		*	*		
16	06	64	15.0	IN	0002	37	03.3	76	34.4	4		2	24	6	09	0.8		00.0	O	23.60	R	14.33	E	29	D	0.54	15.5		
16	06	64	15.0	IN	0002	37	03.3	76	34.4	4		2	24	6	09	0.8		01.0	O	25.46	R	14.59	E	31	Q	0.52	15.6		
16	06	64	15.0	IN	0002	37	03.3	76	34.4	4		2	24	6	09	0.8		02.0	O	25.17	R	14.73	E	31	Q	0.45	15.8		
16	06	64	15.0	IN	0002	37	03.3	76	34.4	4		2	24	6	09	0.8		03.5	O	25.02	R	15.08	E	31	F	0.38	16.2		
16	06	64	16.5	IN	0002	37	03.3	76	34.4	4		3			*	0.9		00.0	O	25.53	R	14.77	E	31	D	0.76	16.7		
16	06	64	16.5	IN	0002	37	03.3	76	34.4	4		3			*	0.9		01.0	O	24.93	R	14.76	E	31	Q	0.34	16.8		
16	06	64	16.5	IN	0002	37	03.3	76	34.4	4		3			*	0.9		02.0	O	24.94	R	14.77	E	31	Q	0.34	16.8		
16	06	64	16.5	IN	0002	37	03.3	76	34.4	4		3			*	0.9		03.0	O	25.33	R	14.77	E	31	Q	0.26	16.8		
16	06	64	16.5	IN	0002	37	03.3	76	34.4	4		3			*	0.9		03.5	O	24.92	R	14.76	E	34	F	0.61	16.7		
16	06	64	17.0	IN	0002	37	03.3	76	34.4	*4		3	23	10	10	0.8		00.0	O	25.21	R	14.81	E	31	D	0.32	17.2		
16	06	64	17.0	IN	0002	37	03.3	76	34.4	*4		3	23	10	10	0.8		01.0	O	25.28	R	14.81		*	Q	0.22	17.4		
16	06	64	17.0	IN	0002	37	03.3	76	34.4	*4		3	23	10	10	0.8		02.0	O	25.36	R	14.83		*	Q	0.22	17.4		
16	06	64	17.0	IN	0002	37	03.3	76	34.4	*4		3	23	10	10	0.8		03.0	O	25.37	R	14.86		*	Q	0.18	17.5		
16	06	64	17.0	IN	0002	37	03.3	76	34.4	*4		3	23	10	10	0.8		03.5	O	25.36				*	F	0.72	17.2		
16	06	64	18.0	IN	0002	37	03.7	76	34.4	3		3	22	8	08	0.8		00.0	O	25.30			D	27	D	0.13	*		
16	06	64	18.0	IN	0002	37	03.7	76	34.4	3		3	22	8	08	0.8		01.0	O	25.29	R	15.04		*	Q	0.05	*		
16	06	64	18.0	IN	0002	37	03.7	76	34.4	3		3	22	8	08	0.8		02.0	O	25.29	R	15.05		*	Q	0.06	*		
16	06	64	18.0	IN	0002	37	03.7	76	34.4	3		3	22	8	08	0.8		03.0	O	25.29	R	15.11	E	06	F	0.10	*		
16	06	64	18.5	IN	0002	37	03.7	76	34.4	3		4			*			00.0			R	15.00	D	27	D	0.00	*		
16	06	64	18.5	IN	0002	37	03.7	76	34.4	3		4			*			01.0			R	15.01		*	Q	0.08	*		
16	06	64	18.5	IN	0002	37	03.7	76	34.4	3		4			*			02.0			R	15.02		*	Q	0.03	*		
16	06	64	18.5	IN	0002	37	03.7	76	34.4	3		4			*			03.0			R	15.02	E	27	F	0.00	*		
16	06	64	19.0	IN	0002	37	03.7	76	34.4	3		4	23	6	05			00.0	O	25.07	R	14.78	D	18	D	0.12	*		
16	06	64	19.0	IN	0002	37	03.7	76	34.4	3		4	23	6	05			01.0	O	25.18	R	14.78		*		*	*		
16	06	64	19.0	IN	0002	37	03.7	76	34.4	3		4	23	6	05			02.0	O	25.22	R	14.79		*	Q	0.00	*		
16	06	64	19.0	IN	0002	37	03.7	76	34.4	3		4	23	6	05			03.0	O	25.26	R	14.85		*	D	0.00	*		
16	06	64	19.5	IN	0002	37	03.7	76	34.4	3		4			*			00.0	B	15.40	B	14.84		*	D	0.27	*		
16	06	64	19.5	IN	0002	37	03.7	76	34.4	3		4			*			01.0	B	24.48	B	9.72		*	Q	0.00	*		
16	06	64	19.5	IN	0002	37	03.7	76	34.4	3		4			*			02.0	B	24.60	B	9.72		*	Q	0.00	*		
16	06	64	19.5	IN	0002	37	03.7	76	34.4	3		4			*			03.0	B	24.40	B	9.88		*	F	0.27	*		
16	06	64	21.0	IN	0002	37	03.7	76	34.4	3		*	21	8	01			00.0	O	25.18			D	25	D	0.44	*		
16	06	64	21.0	IN	0002	37	03.7	76	34.4	3		*	21	8	01			01.0	O	25.38	R	14.12		*	Q	0.84	*		
16	06	64	21.0	IN	0002	37	03.7	76	34.4	3		*	21	8	01			02.0	O	25.38	R	14.02		*		*	*		
16	06	64	21.0	IN	0002	37	03.7	76	34.4	3		*	21	8	01			03.0	O	25.38	R	14.07	E	25	F	0.44	*		
16	06	64	22.0	IN	0002	37	03.7	76	34.4	3		*	22	9	03			00.0	O	25.16	R	13.02	E	18	D	0.61	*		
16	06	64	22.0	IN	0002	37	03.7	76	34.4	3		*	22	9	03			01.0	O	25.27	R	13.12		*	Q	0.50	*		
16	06	64	22.0	IN	0002	37	03.7	76	34.4	3		*	22	9	03			02.0	O	25.27	R	13.19		*	Q	0.38	*		
16	06	64	22.0	IN	0002	37	03.7	76	34.4	3		*	22	9	03			03.0	O	25.27	R	13.22		*	F	0.44	*		
16	06	64	22.5	IN	0002	37	03.7	76	34.4	3		*			*			00.0			R	12.90	D	18	D	0.30	*		
16	06	64	22.5	IN	0002	37	03.7	76	34.4	3		*			*			01.0			R	12.91		*	Q	0.38	*		
16	06	64	22.5	IN	0002	37	03.7	76	34.4	3		*			*			02.0			R	12.93		*	Q	0.38	*		
16	06	64	22.5	IN	0002	37	03.7	76	34.4	3		*			*			03.0			R	12.90	E	18	F	0.38	*		
16	06	64	23.0	IN	0002	37	03.7	76	34.4	3		6	22	6	01			00.0	O	24.98	R	12.22	E	18	D	0.38	23.3		
16	06	64	23.0	IN	0002	37	03.7	76	34.4	3		6	22	6	01			01.0	O	25.27	R	12.38		*	Q	0.38	23.3		
16	06	64	23.0	IN	0002	37	03.7	76	34.4	3		6	22	6	01			02.0	O	25.27	R	12.48		*	Q	0.34	23.4		
16	06	64	23.0	IN	0002	37	03.7	76	34.4	3		6	22	6	01			03.0	O	25.30	R	12.62	E	18	F	0.35	23.4		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
17	06	64	00.0	IN	0002	37	03.3	76	34.4	3		8	21	6	03			00.0	O	25.29	R	11.30	E	13	D	0.23	00.3		
17	06	64	00.0	IN	0002	37	03.3	76	34.4	3		8	21	6	03			01.0	O	25.38	R	11.64		*	Q	1.07	00.3		
17	06	64	00.0	IN	0002	37	03.3	76	34.4	3		8	21	6	03			02.0	O	25.49	R	11.87		*	Q	0.34	00.4		
17	06	64	00.0	IN	0002	37	03.3	76	34.4	3		8	21	6	03			02.5	O	25.45	R	12.99	E	66	F	0.22	00.4		
17	06	64	00.5	IN	0002	37	03.3	76	34.4	3		8			*			00.0	O	25.92	R	10.57	E	13	D	0.22	00.7		
17	06	64	00.5	IN	0002	37	03.3	76	34.4	3		8			*			01.0	O	25.87	R	10.82		*	Q	0.18	00.8		
17	06	64	00.5	IN	0002	37	03.3	76	34.4	3		8			*			02.0	O	25.77	R	11.26		*	Q	0.18	00.8		
17	06	64	00.5	IN	0002	37	03.3	76	34.4	3		8			*			02.5	O	25.77	R	11.93	E	66	F	0.22	00.9		
17	06	64	01.0	IN	0002	37	03.3	76	34.4	3		8	21	3	05			00.0	O	25.68	R	10.75		*		*	01.4		
17	06	64	01.0	IN	0002	37	03.3	76	34.4	3		8	21	3	05			01.0	O	25.67			E	66	Q	0.20	01.2		
17	06	64	01.0	IN	0002	37	03.3	76	34.4	3		8	21	3	05			02.0	O	25.62	R	11.45	E	66	Q	0.20	01.3		
17	06	64	01.0	IN	0002	37	03.3	76	34.4	3		8	21	3	05			02.5	O	25.60	R	12.86	E	66	F	0.27	01.3		
17	06	64	01.5	IN	0002	37	03.3	76	34.4	3		8			*			00.0			R	11.33		*		*	*		
17	06	64	01.5	IN	0002	37	03.3	76	34.4	3		8			*			01.0			R	11.88		*		*	*		
17	06	64	01.5	IN	0002	37	03.3	76	34.4	3		8			*			02.0			R	12.57		*		*	*		
17	06	64	01.5	IN	0002	37	03.3	76	34.4	3		8			*			02.5			R	12.68		*		*	*		
17	06	64	02.0	IN	0002	37	03.3	76	34.4	*3		8	20	36	04			00.0	O	25.58	R	13.33	E	28	D	0.30	02.4		
17	06	64	02.0	IN	0002	37	03.3	76	34.4	*3		8	20	36	04			01.0	O	25.48	R	13.27	E	32		*	02.4		
17	06	64	02.0	IN	0002	37	03.3	76	34.4	*3		8	20	36	04			02.0	O	25.64	R	13.95	E	32	Q	0.41	02.4		
17	06	64	02.0	IN	0002	37	03.3	76	34.4	*3		8	20	36	04			02.5	O	25.61	R	14.13	E	32	F	0.47	02.4		
17	06	64	02.5	IN	0002	37	03.3	76	34.4	3		8			*			00.0	O	25.32	R	13.61	E	27	D	1.01	*		
17	06	64	02.5	IN	0002	37	03.3	76	34.4	3		8			*			01.0	O	25.36	R	13.56		*	Q	0.61	*		
17	06	64	02.5	IN	0002	37	03.3	76	34.4	3		8			*			02.0	O	25.51	R	14.49		*	Q	0.65	*		
17	06	64	02.5	IN	0002	37	03.3	76	34.4	3		8			*			02.5	O	25.59	R	14.50	E	32	F	0.44	*		
17	06	64	03.1	IN	0002	37	03.3	76	34.4	*3		1	20	36	05			00.0	O	25.70	R	13.56	E	28	D	0.38	03.1		
17	06	64	03.1	IN	0002	37	03.3	76	34.4	*3		1	20	36	05			01.0	O	25.63	R	13.73	E	30	Q	0.61	03.2		
17	06	64	03.1	IN	0002	37	03.3	76	34.4	*3		1	20	36	05			02.0	O	25.61	R	14.05	E	30	Q	0.40	03.2		
17	06	64	03.1	IN	0002	37	03.3	76	34.4	*3		1	20	36	05			02.5	O	25.61	R	14.48	E	30	F	0.63	03.3		
17	06	64	03.5	IN	0002	37	03.3	76	34.4	3		1			*			00.0	O	25.40	R	13.70	E	30	D	0.37	03.6		
17	06	64	03.5	IN	0002	37	03.3	76	34.4	3		1			*			01.0	O	25.34	R	13.79	E	30		*	03.9		
17	06	64	03.5	IN	0002	37	03.3	76	34.4	3		1			*			02.0	O	25.75	R	14.67	E	30		*	03.9		
17	06	64	03.5	IN	0002	37	03.3	76	34.4	3		1			*			02.5	O	25.72	R	14.64	E	30	F	0.50	03.6		
17	06	64	04.0	IN	0002	37	03.3	76	34.4	3		1	20	3	04			00.0	O	25.30	R	13.79	E	27	D	0.34	04.3		
17	06	64	04.0	IN	0002	37	03.3	76	34.4	3		1	20	3	04			01.0	O	25.40	E	13.79		*		*	04.3		
17	06	64	04.0	IN	0002	37	03.3	76	34.4	3		1	20	3	04			02.0	O	25.58	R	14.70	E	27	Q	1.34	04.3		
17	06	64	04.0	IN	0002	37	03.3	76	34.4	3		1	20	3	04			02.5	O	25.59	R	14.89	E	27	F	0.42	04.3		
17	06	64	04.6	IN	0002	37	03.3	76	34.4	3		2			*			00.0	O	25.31	R	14.03	E	28	D	0.34	04.9		
17	06	64	04.6	IN	0002	37	03.3	76	34.4	3		2			*			01.0	O	25.53	R	14.06		*		*	*		
17	06	64	04.6	IN	0002	37	03.3	76	34.4	3		2			*			02.0	O	25.61	R	14.86		*		*	*		
17	06	64	04.6	IN	0002	37	03.3	76	34.4	3		2			*			02.5	O	25.73	R	15.14	E	28	F	0.35	04.9		
17	06	64	05.1	IN	0002	37	03.3	76	34.4	3		2	19	3	07			00.0	O	25.28	R	15.41	E	27	D	0.21	*		
17	06	64	05.1	IN	0002	37	03.3	76	34.4	3		2	19	3	07			01.0	O	25.39	R	14.42		*		*	*		
17	06	64	05.1	IN	0002	37	03.3	76	34.4	3		2	19	3	07			02.0	O	25.50	R	14.24		*		*	*		
17	06	64	05.1	IN	0002	37	03.3	76	34.4	3		2	19	3	07			03.0	O	25.60	R	14.46	E	28	F	0.35	*		
17	06	64	05.5	IN	0002	37	03.3	76	34.4	3		2			*			00.0	O	25.22	R	14.30	E	27	D	0.15	05.7		
17	06	64	05.5	IN	0002	37	03.3	76	34.4	3		2			*			01.0	O	25.31	R	14.32		*		*	*		
17	06	64	05.5	IN	0002	37	03.3	76	34.4	3		2			*			02.0	O	25.49	R	14.89		*		*	*		
17	06	64	05.5	IN	0002	37	03.3	76	34.4	3		2			*			03.0	O	25.57	R	15.41	E	27	F	0.15	05.7		
17	06	64	06.0	IN	0002	37	03.3	76	34.4	3		2			*			00.0	O	25.21	R	14.42		*	D	0.00	06.0		
17	06	64	06.0	IN	0002	37	03.3	76	34.4	3		2	18	3	06			01.0	O	25.16	R	14.24		*	Q	0.00	06.1		
17	06	64	06.0	IN	0002	37	03.3	76	34.4	3		2	18	3	06			02.0	O	25.27	R	14.46		*	Q	0.18	06.1		
17	06	64	06.0	IN	0002	37	03.3	76	34.4	3		2	18	3	06			03.0	O	25.44	R	15.08		*	F	0.00	06.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
17	06	64	06.5	IN	0002	37	03.3	76	34.4	3		2			*			00.0	O	25.12	R	14.53	D	18		*	*		
17	06	64	06.5	IN	0002	37	03.3	76	34.4	3		2			*			01.0	O	25.09	R	14.55		*	Q	0.00	*		
17	06	64	06.5	IN	0002	37	03.3	76	34.4	3		2			*			02.0			R	14.62		*	Q	0.00	*		
17	06	64	06.5	IN	0002	37	03.3	76	34.4	3		2			*			03.0			R	14.61	E	18	F	0.22	*		
17	06	64	07.0	IN	0002	37	03.3	76	34.4	3		3	18	3	02			00.0	O	25.05	R	14.62		*	D	0.20	07.1		
17	06	64	07.0	IN	0002	37	03.3	76	34.4	3		3	18	3	02			01.0	O	25.05	R	14.60		*	Q	0.00	07.3		
17	06	64	07.0	IN	0002	37	03.3	76	34.4	3		3	18	3	02			02.0	O	25.04	R	14.63		*	Q	0.00	07.3		
17	06	64	07.0	IN	0002	37	03.3	76	34.4	3		3	18	3	02			03.0	O	24.94	R	14.62		*	F	0.31	07.2		
17	06	64	07.5	IN	0002	37	03.3	76	34.4	3		*			*	1.0		00.0			R	14.41	D	17	D	0.38	*		
17	06	64	07.5	IN	0002	37	03.3	76	34.4	3		*			*	1.0		01.0			R	14.39		*	Q	0.00	*		
17	06	64	07.5	IN	0002	37	03.3	76	34.4	3		*			*	1.0		02.0			R	14.40		*	Q	0.00	*		
17	06	64	07.5	IN	0002	37	03.3	76	34.4	3		*			*	1.0		03.0			R	14.40	E	18	F	0.31	*		
17	06	64	08.0	IN	0002	37	03.3	76	34.4	3		*	18	1	04			00.0	O	25.27	R	14.09	D	17	D	0.76	08.2		
17	06	64	08.0	IN	0002	37	03.3	76	34.4	3		*	18	1	04			01.0	O	25.25	R	14.08		*		*	*		
17	06	64	08.0	IN	0002	37	03.3	76	34.4	3		*	18	1	04			02.0	O	25.23	R	14.05		*		*	*		
17	06	64	08.0	IN	0002	37	03.3	76	34.4	3		*	18	1	04			03.0	O	25.27	R	14.06	E	17	F	0.38	08.2		
17	06	64	08.5	IN	0002	37	03.3	76	34.4	3		*			*	1.2		00.0			R	12.43	D	14	D	0.76	08.6		
17	06	64	08.5	IN	0002	37	03.3	76	34.4	3		*			*	1.2		01.0			R	12.98		*	Q	0.60	08.6		
17	06	64	08.5	IN	0002	37	03.3	76	34.4	3		*			*	1.2		02.0			R	13.32		*	Q	0.52	08.6		
17	06	64	08.5	IN	0002	37	03.3	76	34.4	3		*			*	1.2		03.0			R	13.55	E	14	F	0.52	08.6		
17	06	64	09.0	IN	0002	37	03.3	76	34.4	3		6	19	1	01	1.0		00.0	O	25.66	R	12.28	D	14	D	0.76	09.1		
17	06	64	09.0	IN	0002	37	03.3	76	34.4	3		6	19	1	01	1.0		01.0	O	25.56	R	12.87		*	Q	0.85	09.1		
17	06	64	09.0	IN	0002	37	03.3	76	34.4	3		6	19	1	01	1.0		02.0	O	25.46	R	13.07		*	Q	0.01	09.2		
17	06	64	09.0	IN	0002	37	03.3	76	34.4	3		6	19	1	01	1.0		03.0	O	25.39	R	13.30	E	14	F	0.55	09.1		
17	06	64	09.5	IN	0002	37	03.3	76	34.4	3		6			*	0.7		00.0			R	12.25		*	D	1.01	09.5		
17	06	64	09.5	IN	0002	37	03.3	76	34.4	3		6			*	0.7		01.0			R	12.39		*	Q	0.51	09.5		
17	06	64	09.5	IN	0002	37	03.3	76	34.4	3		6			*	0.7		02.0			R	12.53		*	Q	0.46	09.5		
17	06	64	09.5	IN	0002	37	03.3	76	34.4	3		6			*	0.7		03.0			R	12.57		*	F	0.47	09.5		
17	06	64	10.0	IN	0002	37	03.3	76	34.4	*3		6	20	28	01	0.8		00.0	O	25.68	R	11.83		*	D	0.76	10.1		
17	06	64	10.0	IN	0002	37	03.3	76	34.4	*3		6	20	28	01	0.8		01.0	O	25.69	R	11.79		*	Q	0.80	10.1		
17	06	64	10.0	IN	0002	37	03.3	76	34.4	*3		6	20	28	01	0.8		02.0	O	25.78	R	11.85		*	Q	0.51	10.1		
17	06	64	10.0	IN	0002	37	03.3	76	34.4	*3		6	20	28	01	0.8		03.0	O	25.70	R	11.88		*	F	0.42	10.1		
17	06	64	10.5	IN	0002	37	03.3	76	34.4	3		7			*			00.0			R	11.53	D	14	D	0.61	10.6		
17	06	64	10.5	IN	0002	37	03.3	76	34.4	3		7			*	0.8		01.0			R	11.51		*		*	*		
17	06	64	10.5	IN	0002	37	03.3	76	34.4	3		7			*	0.8		02.0			R	11.52		*		*	*		
17	06	64	10.5	IN	0002	37	03.3	76	34.4	3		7			*	0.8		03.0			R	11.54	E	14	F	0.50	10.6		
17	06	64	11.0	IN	0002	37	03.3	76	34.4	*3		7	20	33	01	0.6		00.0	O	26.24	R	10.60		*	D	1.01	*		
17	06	64	11.0	IN	0002	37	03.3	76	34.4	*3		7	20	33	01	0.6		01.0	O	26.96	R	10.70		*	Q	0.00	*		
17	06	64	11.0	IN	0002	37	03.3	76	34.4	*3		7	20	33	01	0.6		02.0	O	25.83	R	14.60		*	Q	0.00	*		
17	06	64	11.0	IN	0002	37	03.3	76	34.4	*3		7	20	33	01	0.6		03.0	O	25.78	R	11.25		*	F	0.30	*		
17	06	64	11.5	IN	0002	37	03.3	76	34.4	3		7			*			00.0			R	9.75	D	14	D	1.01	11.6		
17	06	64	11.5	IN	0002	37	03.3	76	34.4	3		7			*			01.0			R	10.22		*		*	*		
17	06	64	11.5	IN	0002	37	03.3	76	34.4	3		7			*			02.0			R	10.72		*		*	*		
17	06	64	11.5	IN	0002	37	03.3	76	34.4	3		7			*			03.0			R	11.25	E	14	F	0.27	11.6		
17	06	64	12.0	IN	0002	37	03.3	76	34.4	3		8	21	3	01	0.8		00.0	O	26.64	R	9.60	E	15	D	0.21	12.5		
17	06	64	12.0	IN	0002	37	03.3	76	34.4	3		8	21	3	01	0.8		01.0	O	26.51	R	9.76		*	Q	0.55	12.5		
17	06	64	12.0	IN	0002	37	03.3	76	34.4	3		8	21	3	01	0.8		02.0	O	26.02	R	10.54		*	Q	0.76	12.8		
17	06	64	12.0	IN	0002	37	03.3	76	34.4	3		8	21	3	01	0.8		03.0	O	25.92	R	10.80	E	66	F	0.22	12.9		
17	06	64	13.0	IN	0002	37	03.3	76	34.4	3		8	23	1	03	0.8		00.0	O	26.77	R	9.66	E	33	D	0.13	13.4		
17	06	64	13.0	IN	0002	37	03.3	76	34.4	3		8	23	1	03	0.8		01.0	O	26.53	R	9.90		*	Q	0.16	13.5		
17	06	64	13.0	IN	0002	37	03.3	76	34.4	3		8	23	1	03	0.8		02.0	O	25.85	R	11.23		*	Q	0.20	13.5		
17	06	64	13.0	IN	0002	37	03.3	76	34.4	3		8	23	1	03	0.8		03.0	O	25.74	R	12.05	E	34	F	0.31	13.6		

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
17	06	64	13.6	IN	0002	37	03.3	76	34.4	3		8			*			00.0	O	26.35	R	10.91	E	31	D	0.20	13.8		
17	06	64	13.6	IN	0002	37	03.3	76	34.4	3		8			*	0.6		01.0	O	25.62	R	11.25		*	Q	0.39	13.8		
17	06	64	13.6	IN	0002	37	03.3	76	34.4	3		8			*	0.6		02.0	O	25.47	R	12.04		*	Q	0.35	13.9		
17	06	64	13.6	IN	0002	37	03.3	76	34.4	3		8			*	0.6		03.0	O	25.52	R	13.11	E	29	F	0.42	13.9		
17	06	64	14.0	IN	0002	37	03.3	76	34.4	*3		1	24	35	05			00.0	O	25.86	R	12.42	E	28	D	0.61	14.3		
17	06	64	14.0	IN	0002	37	03.3	76	34.4	*3		1	24	35	05			01.0	O	25.52	R	13.50		*	Q	0.55	14.3		
17	06	64	14.0	IN	0002	37	03.3	76	34.4	*3		1	24	35	05			02.0	O	25.45	R	14.16		*	Q	0.45	14.3		
17	06	64	14.0	IN	0002	37	03.3	76	34.4	*3		1	24	35	05			03.0	O	25.37	R	14.27	E	28	F	0.55	14.4		
17	06	64	14.5	IN	0002	37	03.3	76	34.4	3		1			*			00.0	O	25.85	R	13.19	E	30	D	0.44	14.7		
17	06	64	14.5	IN	0002	37	03.3	76	34.4	3		1			*			01.0	O	25.48	R	13.87		*	Q	0.59	14.7		
17	06	64	14.5	IN	0002	37	03.3	76	34.4	3		1			*			02.0	O	25.33	R	14.27		*	Q	0.50	14.8		
17	06	64	14.5	IN	0002	37	03.3	76	34.4	3		1			*			03.0	O	25.20	R	14.34	E	32	F	0.61	14.8		
17	06	64	15.0	IN	0002	37	03.3	76	34.4	*3		1	26	35	04	0.8		00.0	O	25.96	R	12.68	E	30	D	0.36	15.3		
17	06	64	15.0	IN	0002	37	03.3	76	34.4	*3		1	26	35	04	0.8		01.0	O	25.38	R	13.93		*	Q	0.57	15.4		
17	06	64	15.0	IN	0002	37	03.3	76	34.4	*3		1	26	35	04	0.8		02.0	O	25.38	R	14.44		*	Q	0.47	15.4		
17	06	64	15.0	IN	0002	37	03.3	76	34.4	*3		1	26	35	04	0.8		03.0	O	25.13	R	14.64	E	32	F	0.61	15.4		
17	06	64	15.6	IN	0002	37	03.3	76	34.4	3		1			*			00.0	O	26.31	R	12.81	E	29	D	0.51	15.7		
17	06	64	15.6	IN	0002	37	03.3	76	34.4	3		1			*			01.0	O	25.47	R	13.69		*	Q	0.51	15.7		
17	06	64	15.6	IN	0002	37	03.3	76	34.4	3		1			*	0.8		02.0	O	25.32	R	14.85		*	Q	0.62	15.8		
17	06	64	15.6	IN	0002	37	03.3	76	34.4	3		1			*	0.8		03.0	O	25.22	R	14.99	E	29	F	0.67	15.8		
17	06	64	16.3	IN	0002	37	03.3	76	34.4	*3		*	26	32	05	0.9		00.0	O	26.06	R	13.48	E	29	D	0.36	*		
17	06	64	16.3	IN	0002	37	03.3	76	34.4	*3		*	26	32	05	0.9		01.0	O	25.75	R	13.69		*	Q	0.41	*		
17	06	64	16.3	IN	0002	37	03.3	76	34.4	*3		*	26	32	05	0.9		02.0	O	25.22	R	15.08		*	Q	0.41	*		
17	06	64	16.3	IN	0002	37	03.3	76	34.4	*3		*	26	32	05	0.9		03.0	O	25.17	R	15.34	E	30	F	0.57	*		
17	06	64	16.7	IN	0002	37	03.3	76	34.4	3		*			*			00.0	O	25.93	R	13.57	E	32	D	0.38	16.7		
17	06	64	16.7	IN	0002	37	03.3	76	34.4	3		*			*			01.0	O	25.61			E	32	Q	0.58	16.8		
17	06	64	16.7	IN	0002	37	03.3	76	34.4	3		*			*			02.0	O	25.34	R	15.19	E	31	Q	0.40	16.8		
17	06	64	16.7	IN	0002	37	03.3	76	34.4	3		*			*			03.0	O	25.28	R	15.34	E	31	F	0.50	16.9		
17	06	64	17.0	IN	0002	37	03.3	76	34.4	*3		*	26	36	03	0.9		00.0	O	25.93	R	13.70	E	29	D	0.50	17.0		
17	06	64	17.0	IN	0002	37	03.3	76	34.4	*3		*	26	36	03	0.9		01.0	O	25.68	R	13.70		*	Q	0.57	17.0		
17	06	64	17.0	IN	0002	37	03.3	76	34.4	*3		*	26	36	03	0.9		02.0	O	25.35	R	15.42		*	Q	0.34	17.1		
17	06	64	17.0	IN	0002	37	03.3	76	34.4	*3		*	26	36	03	0.9		03.0	O	25.32	R	15.53	E	29	F	0.50	17.1		
17	06	64	17.5	IN	0002	37	03.3	76	34.4	3		*			*	0.8		00.0	O	26.36	R	13.93	E	31	D	0.61	*		
17	06	64	17.5	IN	0002	37	03.3	76	34.4	3		*			*	0.8		01.0	O	26.99	R	13.92		*	Q	1.13	*		
17	06	64	17.5	IN	0002	37	03.3	76	34.4	3		*			*	0.8		02.0	O	25.35	R	14.22		*	Q	0.18	*		
17	06	64	17.5	IN	0002	37	03.3	76	34.4	3		*			*	0.8		03.0	O	25.24	R	15.34		*	F	0.00	*		
17	06	64	18.3	IN	0002	37	03.3	76	34.4	3		7	26	3	00			00.0			R	12.81	E	31	D	0.61	18.4		
17	06	64	18.3	IN	0002	37	03.3	76	34.4	3		7	26	3	00			01.0			R	12.64		*	Q	0.18	18.5		
17	06	64	18.3	IN	0002	37	03.3	76	34.4	3		7	26	3	00			02.0			R	13.52		*	Q	0.18	18.4		
17	06	64	18.3	IN	0002	37	03.3	76	34.4	3		7	26	3	00			03.0			R	15.32	E	31	F	0.22	18.4		
17	06	64	19.0	IN	0002	37	03.3	76	34.4	3		4	25	2	00	0.8		00.0	O	26.05	R	12.46	E	36	D	0.11	19.1		
17	06	64	19.0	IN	0002	37	03.3	76	34.4	3		4	25	2	00	0.8		01.0	O	25.98	R	12.91		*	Q	0.17	19.2		
17	06	64	19.0	IN	0002	37	03.3	76	34.4	3		4	25	2	00	0.8		02.0	O	25.78	R	13.48		*	Q	0.17	19.2		
17	06	64	19.0	IN	0002	37	03.3	76	34.4	3		4	25	2	00	0.8		03.0	O	25.36	R	14.84	E	36	F	0.00	19.1		
17	06	64	19.5	IN	0002	37	03.3	76	34.4	3		*			*			00.0			R	12.21		*	D	0.19	19.5		
17	06	64	19.5	IN	0002	37	03.3	76	34.4	3		*			*			01.0			R	12.27		*	Q	0.17	19.6		
17	06	64	19.5	IN	0002	37	03.3	76	34.4	3		*			*			02.0			R	12.95		*	Q	0.34	19.6		
17	06	64	19.5	IN	0002	37	03.3	76	34.4	3		*			*			03.0			R	14.68		*	F	0.22	19.5		
17	06	64	20.0	IN	0002	37	03.3	76	34.4	3		*	25	1	00			00.0	O	25.39	R	12.17	E	18	D	0.38	20.0		
17	06	64	20.0	IN	0002	37	03.3	76	34.4	3		*	25	1	00			01.0	O	25.40	R	13.21		*	Q	0.34	20.1		
17	06	64	20.0	IN	0002	37	03.3	76	34.4	3		*	25	1	00			02.0	O	25.40	R	14.60		*	Q	0.34	20.1		
17	06	64	20.0	IN	0002	37	03.3	76	34.4	3		*	25	1	00			03.0	O	25.40	R	14.82		*	F	0.15	20.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
17	06	64	20.5	IN	0002	37	03.3	76	34.4	3		1			*			00.0			R	13.19		*	D	0.44	20.5		
17	06	64	20.5	IN	0002	37	03.3	76	34.4	3		1			*			01.0			R	13.68		*	Q	0.51	20.6		
17	06	64	20.5	IN	0002	37	03.3	76	34.4	3		1			*			02.0			R	13.71		*	Q	0.34	20.6		
17	06	64	20.5	IN	0002	37	03.3	76	34.4	3		1			*			03.0			R	14.28		*	F	0.44	20.5		
17	06	64	21.0	IN	0002	37	03.3	76	34.4	*3		1	24	25	00			00.0	0	26.29	R	11.22	E	18	D	0.61	*		
17	06	64	21.0	IN	0002	37	03.3	76	34.4	3		1			*			01.0	0	25.72	R	12.20		*	Q	0.55	*		
17	06	64	21.0	IN	0002	37	03.3	76	34.4	*3		1	24	25	00			02.0	0	25.79	R	13.17		*	Q	0.51	*		
17	06	64	21.0	IN	0002	37	03.3	76	34.4	*3		1	24	25	00			03.0	0	25.75	R	13.28		*	F	0.38	*		
17	06	64	21.5	IN	0002	37	03.3	76	34.4	3		6			*			00.0			R	11.31		*	D	0.51	21.6		
17	06	64	21.5	IN	0002	37	03.3	76	34.4	3		6			*			01.0			R	11.19		*	Q	0.51	21.6		
17	06	64	21.5	IN	0002	37	03.3	76	34.4	3		6			*			02.0			R	13.01		*	Q	0.51	21.6		
17	06	64	21.5	IN	0002	37	03.3	76	34.4	3		6			*			03.0			R	13.30		*	F	0.55	21.6		
17	06	64	22.0	IN	0002	37	03.3	76	34.4	*3		*	22	20	06			00.0	0	25.56	R	10.44	E	18	D	0.76	22.2		
17	06	64	22.0	IN	0002	37	03.3	76	34.4	*3		*	22	20	06			01.0	0	25.73	R	11.91		*	Q	0.58	22.2		
17	06	64	22.0	IN	0002	37	03.3	76	34.4	*3		*	22	20	06			02.0	0	25.73	R	12.69		*	Q	0.48	22.2		
17	06	64	22.0	IN	0002	37	03.3	76	34.4	*3		*	22	20	06			03.0	0	25.73	R	12.87		*	F	0.42	22.2		
17	06	64	22.5	IN	0002	37	03.3	76	34.4	3		*			*			00.0			R	10.71		*	D	0.61	22.6		
17	06	64	22.5	IN	0002	37	03.3	76	34.4	3		*			*			01.0			R	9.88		*	Q	0.51	22.7		
17	06	64	22.5	IN	0002	37	03.3	76	34.4	3		*			*			02.0			R	12.05		*	Q	0.34	22.6		
17	06	64	22.5	IN	0002	37	03.3	76	34.4	3		*			*			03.0			R	11.95		*	F	0.55	22.6		
17	06	64	23.0	IN	0002	37	03.3	76	34.4	*3		*	21	19	05			00.0	0	25.96	R	9.62	E	18	D	0.61	23.4		
17	06	64	23.0	IN	0002	37	03.3	76	34.4	*3		*	21	19	05			01.0	0	25.76	R	10.86		*	Q	0.42	23.4		
17	06	64	23.0	IN	0002	37	03.3	76	34.4	*3		*	21	19	05			02.0	0	25.70	R	11.39		*	Q	0.36	23.4		
17	06	64	23.0	IN	0002	37	03.3	76	34.4	*3		*	21	19	05			03.0	0	25.70	R	11.67	E	18	F	0.42	23.4		
17	06	64	23.5	IN	0002	37	03.3	76	34.4	3		*			*			00.0			R	8.62		*	D	0.51	23.6		
17	06	64	23.5	IN	0002	37	03.3	76	34.4	3		*			*			01.0			R	10.00		*	Q	0.34	23.6		
17	06	64	23.5	IN	0002	37	03.3	76	34.4	3		*			*			02.0			R	11.00		*	Q	0.34	23.6		
17	06	64	23.5	IN	0002	37	03.3	76	34.4	3		*			*			03.0			R	11.35		*	F	0.47	23.6		
18	06	64	00.1	IN	0002	37	03.3	76	34.4	*3		*	20	19	05			00.0	0	26.82	R	8.88	E	12	D	0.26	*		
18	06	64	00.1	IN	0002	37	03.3	76	34.4	*3		*	20	19	05			01.0	0	26.90	R	9.60		*	Q	0.34	*		
18	06	64	00.1	IN	0002	37	03.3	76	34.4	*3		*	20	19	05			02.0	0	26.75	R	10.79		*	Q	0.20	*		
18	06	64	00.1	IN	0002	37	03.3	76	34.4	*3		*	20	19	05			02.5	0	26.69	R	11.32	E	99	F	0.27	*		
18	06	64	00.5	IN	0002	37	03.3	76	34.4	3		*			*			00.0	0	27.03	R	9.26	E	16	D	0.26	00.6		
18	06	64	00.5	IN	0002	37	03.3	76	34.4	3		*			*			01.0	0	26.97	R	9.46		*	Q	0.11	00.6		
18	06	64	00.5	IN	0002	37	03.3	76	34.4	3		*			*			02.0	0	26.90	R	11.33		*	Q	0.17	00.6		
18	06	64	00.5	IN	0002	37	03.3	76	34.4	3		*			*			02.5	0	26.82	R	11.22	E	99	F	0.27	00.6		
18	06	64	01.0	IN	0002	37	03.3	76	34.4	*3		*	20	21	07			00.0	0	27.07	R	9.19	E	15	D	0.00	01.4		
18	06	64	01.0	IN	0002	37	03.3	76	34.4	*3		*	20	21	07			01.0	0	26.55	R	9.59		*	Q	0.18	01.4		
18	06	64	01.0	IN	0002	37	03.3	76	34.4	*3		*	20	21	07			02.0	0	26.52	R	9.79		*	Q	0.24	01.4		
18	06	64	01.0	IN	0002	37	03.3	76	34.4	*3		*	20	21	07			02.5	0	26.47	R	10.94	E	99	F	0.24	01.5		
18	06	64	01.5	IN	0002	37	03.3	76	34.4	3		7			*			00.0	0	26.81	R	9.61	E	99	D	0.00	01.8		
18	06	64	01.5	IN	0002	37	03.3	76	34.4	3		7			*			01.0	0	26.47	R	10.02	E	99	Q	0.21	01.8		
18	06	64	01.5	IN	0002	37	03.3	76	34.4	3		7			*			02.0	0	26.17	R	10.95	E	99	Q	0.16	01.8		
18	06	64	01.5	IN	0002	37	03.3	76	34.4	3		7			*			02.5	0	26.03	R	11.97	E	99	F	0.27	01.8		
18	06	64	02.0	IN	0002	37	03.3	76	34.4	*3		7	21	20	07			00.0	0	26.05	R	10.11	E	32	D	0.30	*		
18	06	64	02.0	IN	0002	37	03.3	76	34.4	*3		7	21	20	07			01.0	0	26.05	R	10.26		*	Q	0.39	*		
18	06	64	02.0	IN	0002	37	03.3	76	34.4	*3		7	21	20	07			02.0	0	26.00	R	12.19		*	Q	0.28	*		
18	06	64	02.0	IN	0002	37	03.3	76	34.4	*3		7	21	20	07			02.5	0	25.74	R	13.24	E	31	F	0.38	*		
18	06	64	03.0	IN	0002	37	03.3	76	34.4	*3		7	20	22	04			00.0	0	26.03	R	12.80	E	30	D	0.33	03.1		
18	06	64	03.0	IN	0002	37	03.3	76	34.4	*3		7	20	22	04			01.0	0	25.92	R	13.16		*	Q	0.11	03.1		
18	06	64	03.0	IN	0002	37	03.3	76	34.4	*3		7	20	22	04			02.0	0	25.76	R	13.98		*	Q	0.34	03.2		
18	06	64	03.0	IN	0002	37	03.3	76	34.4	*3		7	20	22	04			02.5	0	25.63	R	14.08	E	32	F	0.44	03.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
18	06	64	03.5	IN	0002	37	03.3	76	34.4	3		2			*	0.8		00.0	O	25.58	R	12.66	E	31	D	0.34	03.7		
18	06	64	03.5	IN	0002	37	03.3	76	34.4	3		2			*	0.8		01.0	O	25.62	R	13.27	E	31	Q	0.34	03.7		
18	06	64	03.5	IN	0002	37	03.3	76	34.4	3		2			*	0.8		02.0	O	25.63	R	14.28	E	31	Q	0.34	03.8		
18	06	64	03.5	IN	0002	37	03.3	76	34.4	3		2			*	0.8		02.5	O	25.87	R	14.31	E	32	F	0.42	03.8		
18	06	64	04.0	IN	0002	37	03.3	76	34.4	*3		2	20	17	04	0.7		00.0	O	25.77	R	12.13	E	28	D	0.74	04.3		
18	06	64	04.0	IN	0002	37	03.3	76	34.4	*3		2	20	17	04	0.7		01.0	O	25.67	R	13.83	E	28	Q	0.49	04.3		
18	06	64	04.0	IN	0002	37	03.3	76	34.4	*3		2	20	17	04	0.7		02.0	O	25.56	R	14.39	E	29	Q	0.34	04.4		
18	06	64	04.0	IN	0002	37	03.3	76	34.4	*3		2	20	17	04	0.7		02.5	O	25.54	R	14.48	E	30	F	0.38	04.5		
18	06	64	04.5	IN	0002	37	03.3	76	34.4	3		2			*			00.0	O	25.46	R	12.09	E	29	D	0.93	04.7		
18	06	64	04.5	IN	0002	37	03.3	76	34.4	3		2			*			01.0	O	25.57	R	13.91	E	34	Q	0.44	04.7		
18	06	64	04.5	IN	0002	37	03.3	76	34.4	3		2			*			02.0	O	25.57	R	14.45	E	34	Q	0.34	04.7		
18	06	64	04.5	IN	0002	37	03.3	76	34.4	3		2			*			03.0	O	25.51	R	14.53	E	32	F	0.47	04.8		
18	06	64	05.0	IN	0002	37	03.3	76	34.4	*3		3	20	16	01			00.0	O	25.78	R	12.13	E	29	D	0.82	05.0		
18	06	64	05.0	IN	0002	37	03.3	76	34.4	*3		3	20	16	01			01.0	O	26.93	R	13.23	E	30	Q	0.41	05.1		
18	06	64	05.0	IN	0002	37	03.3	76	34.4	*3		3	20	16	01			02.0	O	25.76	R	14.54	E	31	Q	0.34	05.1		
18	06	64	05.0	IN	0002	37	03.3	76	34.4	*3		3	20	16	01			03.0	O	25.65	R	14.75	E	32	F	0.35	05.2		
18	06	64	05.5	IN	0002	37	03.3	76	34.4	3		3			*	0.8		01.0	O	25.70	R	13.00		*	Q	0.34	*		
18	06	64	05.5	IN	0002	37	03.3	76	34.4	3		3			*	0.8		02.0	O	25.51	R	14.69		*	Q	0.17	*		
18	06	64	05.5	IN	0002	37	03.3	76	34.4	3		3			*	0.8		03.0	O	25.44	R	14.98	E	32	F	0.31	*		
18	06	64	05.5	IN	0002	37	03.3	76	34.4	3		3			*			00.0	O	25.15	R	11.84	E	29	D	0.33	*		
18	06	64	07.5	IN	0002	37	03.8	76	34.0	2		*			*			00.0			R	12.56		*	D	0.30	*		
18	06	64	07.5	IN	0002	37	03.8	76	34.0	2		*			*			01.0			R	12.61		*	Q	0.26	*		
18	06	64	07.5	IN	0002	37	03.8	76	34.0	2		*			*			02.0			R	12.77		*	Q	0.26	*		
18	06	64	07.5	IN	0002	37	03.8	76	34.0	2		*			*			03.0			R	13.54		*	F	0.35	*		
18	06	64	08.0	IN	0002	37	03.8	76	34.0	3		*	25	8	00	0.6		00.0	O	25.59	R	12.65	E	14	D	0.61	08.1		
18	06	64	08.0	IN	0002	37	03.8	76	34.0	3		*	25	8	00	0.6		01.0	O	25.33	R	12.74		*	Q	0.34	08.2		
18	06	64	08.0	IN	0002	37	03.8	76	34.0	3		*	25	8	00	0.6		02.0	O	25.32	R	9.69		*	Q	0.23	08.2		
18	06	64	08.0	IN	0002	37	03.8	76	34.0	3		*	25	8	00	0.6		03.0	O	25.39	R	13.46	E	14	F	0.31	08.2		
18	06	64	08.5	IN	0002	37	03.8	76	34.0	3		4			*			00.0			R	11.70		*	D	0.51	*		
18	06	64	08.5	IN	0002	37	03.8	76	34.0	3		4			*			01.0			R	12.19		*	Q	0.43	*		
18	06	64	08.5	IN	0002	37	03.8	76	34.0	3		4			*			02.0			R	12.61		*	Q	0.34	*		
18	06	64	08.5	IN	0002	37	03.8	76	34.0	3		4			*			02.5			R	12.65		*	F	0.44	*		
18	06	64	09.0	IN	0002	37	03.8	76	34.0	*3		5	26	12	04	0.8		00.0	O	25.88	R	11.27	E	14	D	0.61	*		
18	06	64	09.0	IN	0002	37	03.8	76	34.0	*3		5	26	12	04	0.8		01.0	O	25.78	R	11.76		*	Q	0.51	*		
18	06	64	09.0	IN	0002	37	03.8	76	34.0	*3		5	26	12	04	0.8		02.0	O	25.70	R	11.98		*	Q	0.34	*		
18	06	64	09.0	IN	0002	37	03.8	76	34.0	*3		5	26	12	04	0.8		02.5	O	25.85	R	12.01	E	14	F	0.55	*		
18	06	64	09.5	IN	0002	37	03.8	76	34.0	3		5			*	0.6		00.0			R	11.21	E	14	D	0.51	09.5		
18	06	64	09.5	IN	0002	37	03.8	76	34.0	3		5			*	0.6		01.0			R	11.46		*	Q	0.45	09.6		
18	06	64	09.5	IN	0002	37	03.8	76	34.0	3		5			*	0.6		02.0			R	11.51		*	Q	0.34	09.6		
18	06	64	09.5	IN	0002	37	03.8	76	34.0	3		5			*	0.6		02.5			R	11.62	E	14	F	0.63	09.5		
18	06	64	10.0	IN	0002	37	03.8	76	34.0	*3		*	27	11	02	0.5		00.0	O	25.72	R	10.78	L	14	D	0.61	*		
18	06	64	10.0	IN	0002	37	03.8	76	34.0	*3		*	27	11	02	0.5		01.0	O	26.33	R	10.98		*	Q	0.51	*		
18	06	64	10.0	IN	0002	37	03.8	76	34.0	*3		*	27	11	02	0.5		02.0	O	26.14	R	11.21		*	Q	0.34	*		
18	06	64	10.0	IN	0002	37	03.8	76	34.0	*3		*	27	11	02	0.5		02.5	O	26.03	R	11.25	L	14	F	0.61	*		
18	06	64	11.0	IN	0002	37	03.8	76	34.0	*3		*	28	10	04	0.5		00.0	O	26.61	R	10.35	L	14	D	0.44	11.2		
18	06	64	11.0	IN	0002	37	03.8	76	34.0	*3		*	28	10	04	0.5		01.0	O	25.95	R	10.73		*	Q	0.34	11.2		
18	06	64	11.0	IN	0002	37	03.8	76	34.0	*3		*	28	10	04	0.5		02.0	O	25.89	R	10.88		*	Q	0.16	11.2		
18	06	64	11.0	IN	0002	37	03.8	76	34.0	*3		*	28	10	04	0.5		02.5	O	25.89	R	10.97	L	14	F	0.35	11.2		
18	06	64	11.5	IN	0002	37	03.8	76	34.0	3		5			*			00.0			R	10.06	L	14	D	0.38	*		
18	06	64	11.5	IN	0002	37	03.8	76	34.0	3		5			*			01.0			R	10.08		*	Q	0.30	*		
18	06	64	11.5	IN	0002	37	03.8	76	34.0	3		5			*			02.0			R	10.39		*	Q	0.18	*		
18	06	64	11.5	IN	0002	37	03.8	76	34.0	3		5			*			02.5			R	10.50	L	14	F	0.35	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
18	06	64	12.1	IN	0002	37	03.8	76	34.0	*2		*	27	15	03			00.0	O	26.63	R	9.79	E	17	D	0.00	12.4	
18	06	64	12.1	IN	0002	37	03.8	76	34.0	*2		*	27	15	03			01.0	O	26.25	R	9.87	E	66	Q	0.12	12.2	
18	06	64	12.1	IN	0002	37	03.8	76	34.0	*2		*	27	15	03			02.0	O	25.95	R	10.09	E	66	F	0.15	12.2	
18	06	64	12.5	IN	0002	37	03.8	76	34.0	2		8			*			00.0	O	26.69	R	9.72	E	19	D	0.00	12.6	
18	06	64	12.5	IN	0002	37	03.8	76	34.0	2		8			*			01.0	O	26.18	R	9.81	E	66	Q	0.14	12.8	
18	06	64	12.5	IN	0002	37	03.8	76	34.0	2		8			*			02.0	O	25.97	R	9.87	E	66	F	0.22	12.8	
18	06	64	13.1	IN	0002	37	03.8	76	34.0	*3		8	27	14	08			00.0	O	26.33	R	9.76	E	30	D	0.19	*	
18	06	64	13.1	IN	0002	37	03.8	76	34.0	*3		8	27	14	08			01.0	O	26.21	R	10.05	E	77	Q	0.15	*	
18	06	64	13.1	IN	0002	37	03.8	76	34.0	*3		8	27	14	08			02.5	O	25.85	R	10.31	E	77	F	0.22	*	
18	06	64	13.5	IN	0002	37	03.8	76	34.0	3		1			*			00.0	O	26.72	R	10.31	E	31	D	0.26	13.7	
18	06	64	13.5	IN	0002	37	03.8	76	34.0	3		1			*			01.0	O	26.33	R	10.31	E	31	Q	0.31	13.8	
18	06	64	13.5	IN	0002	37	03.8	76	34.0	3		1			*			02.5	O	26.14	R	10.31	E	31	F	0.31	13.8	
18	06	64	14.0	IN	0002	37	03.8	76	34.0	*3		2	28	15	05	0.7		00.0	O	26.68	R	10.45	E	31	D	0.34	14.1	
18	06	64	14.0	IN	0002	37	03.8	76	34.0	*3		2	28	15	05	0.7		01.0	O	26.34	R	10.44	E	31	Q	0.41	14.1	
18	06	64	14.0	IN	0002	37	03.8	76	34.0	*3		2	28	15	05	0.7		02.0	O	26.23	R	10.46		*		*	*	
18	06	64	14.0	IN	0002	37	03.8	76	34.0	*3		2	28	15	05	0.7		02.8	O	26.19	R	10.47	E	30	F	0.35	14.3	
18	06	64	14.5	IN	0002	37	03.8	76	34.0	3		2			*	0.6		00.0						*		*	*	
18	06	64	14.5	IN	0002	37	03.8	76	34.0	3		2			*	0.6		01.0			R	11.28		*		*	*	
18	06	64	14.5	IN	0002	37	03.8	76	34.0	3		2			*	0.6		02.0			R	11.30		*		*	*	
18	06	64	14.5	IN	0002	37	03.8	76	34.0	3		2			*	0.6		02.5			R	11.33		*	F	0.44	*	
18	06	64	15.0	IN	0002	37	03.8	76	34.0	*2		*	28	20	08			00.0	O	26.47	R	11.56	E	32	D	0.34	15.2	
18	06	64	15.0	IN	0002	37	03.8	76	34.0	*2		*	28	20	08			01.0	O	26.27	R	11.53		*	Q	0.41	15.2	
18	06	64	15.0	IN	0002	37	03.8	76	34.0	*2		*	28	20	08			02.0	O	26.21	R	11.64	E	34	F	0.50	15.2	
18	06	64	15.5	IN	0002	37	03.8	76	34.0	2		*			*			00.0	O	26.34	R	11.79	E	31	D	0.34	15.6	
18	06	64	15.5	IN	0002	37	03.8	76	34.0	2		*			*			01.0	O	26.09	R	11.79	E	31	Q	0.37	15.6	
18	06	64	15.5	IN	0002	37	03.8	76	34.0	2		*			*			02.0	O	26.03	R	11.83	E	32	F	0.44	15.9	
18	06	64	16.1	IN	0002	37	03.8	76	34.0	3		*			*			00.0	O	25.77	R	12.17	E	31	D	0.27	16.1	
18	06	64	16.1	IN	0002	37	03.8	76	34.0	3		*			*			01.0	O	25.78	R	12.18	E	31	Q	0.36	16.2	
18	06	64	16.1	IN	0002	37	03.8	76	34.0	3		*			*			02.0	O	25.78	R	12.19	E	32		*	16.2	
18	06	64	16.1	IN	0002	37	03.8	76	34.0	3		*			*			03.0	O	25.78	R	12.27	E	32	F	0.35	16.3	
18	06	64	16.5	IN	0002	37	03.8	76	34.0	3		2			*			00.0	O	26.60	R	12.93	L	36	D	0.30	16.6	
18	06	64	16.5	IN	0002	37	03.8	76	34.0	3		2			*			01.0	O	26.21	R	12.95		*		*	*	
18	06	64	16.5	IN	0002	37	03.8	76	34.0	3		2			*			02.0	O	26.01	R	12.98		*		*	*	
18	06	64	16.5	IN	0002	37	03.8	76	34.0	3		2			*			02.5	O	25.90	R	12.96	L	00	F	0.27	16.6	
18	06	64	18.5	IN	0002	37	03.8	76	34.0	3		3			*			00.0			R	13.06	L	35	D	0.23	18.6	
18	06	64	18.5	IN	0002	37	03.8	76	34.0	3		3			*			01.0			R	13.04		*	Q	0.34	18.6	
18	06	64	18.5	IN	0002	37	03.8	76	34.0	3		3			*			02.0			R	13.04		*	Q	0.88	18.6	
18	06	64	18.5	IN	0002	37	03.8	76	34.0	3		3			*			03.0			R	13.03	L	35	F	0.38	18.6	
18	06	64	19.0	IN	0002	37	03.8	76	34.0	*3		3	26	18	03			00.0	O	26.18	R	13.13	L	30	D	0.00	19.0	
18	06	64	19.0	IN	0002	37	03.8	76	34.0	*3		3	26	18	03			01.0	O	26.06	R	13.12		*	Q	0.18	19.2	
18	06	64	19.0	IN	0002	37	03.8	76	34.0	*3		3	26	18	03			02.0	O	25.89	R	13.13		*	Q	0.18	19.2	
18	06	64	19.0	IN	0002	37	03.8	76	34.0	*3		3	26	18	03			03.0	O	25.80	R	13.13	L	30	F	0.22	19.0	
18	06	64	19.5	IN	0002	37	03.8	76	34.0	3		*			*			00.0			R	13.14	E	30	D	0.00	19.6	
18	06	64	19.5	IN	0002	37	03.8	76	34.0	3		*			*			01.0			R	13.14		*	Q	0.09	19.6	
18	06	64	19.5	IN	0002	37	03.8	76	34.0	3		*			*			02.0			R	13.14		*	Q	0.18	19.6	
18	06	64	19.5	IN	0002	37	03.8	76	34.0	3		*			*			03.0			R	13.13		*	F	0.00	19.6	
18	06	64	20.0	IN	0002	37	03.8	76	34.0	*3		5	26	16	03			00.0	O	26.04	R	13.13	E	19	D	0.23	*	
18	06	64	20.0	IN	0002	37	03.8	76	34.0	*3		5	26	16	03			01.0	O	25.97	R	12.95		*	Q	0.18	*	
18	06	64	20.0	IN	0002	37	03.8	76	34.0	*3		5	26	16	03			02.0	O	25.89	R	12.48		*	Q	0.18	*	
18	06	64	20.0	IN	0002	37	03.8	76	34.0	*3		5	26	16	03			03.0	O	25.78	R	13.14		*	F	0.27	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
18	06	64	20.5	IN	0002	37	03.8	76	34.0	3		5			*			00.0			R	13.09	E	18	D	0.11	*	
18	06	64	20.5	IN	0002	37	03.8	76	34.0	3		5			*			01.0			R	12.46		*	Q	0.18	*	
18	06	64	20.5	IN	0002	37	03.8	76	34.0	3		5			*			02.0			R	12.48		*	Q	0.18	*	
18	06	64	20.5	IN	0002	37	03.8	76	34.0	3		5			*			03.0			R	13.03	E	18	F	0.42	*	
18	06	64	21.0	IN	0002	37	03.8	76	34.0	*3		5	25	18	06			00.0	O	25.63	R	12.21	L	18	D	0.34	21.0	
18	06	64	21.0	IN	0002	37	03.8	76	34.0	*3		5	25	18	06			01.0	O	25.64	R	12.31		*	Q	0.34	21.1	
18	06	64	21.0	IN	0002	37	03.8	76	34.0	*3		5	25	18	06			02.0	O	25.60	R	12.64		*	Q	0.25	21.1	
18	06	64	21.0	IN	0002	37	03.8	76	34.0	*3		5	25	18	06			03.0	O	25.60	R	12.94	L	18	F	0.31	21.0	
18	06	64	21.5	IN	0002	37	03.8	76	34.0	3		*			*			00.0			R	12.19	L	14	D	0.30	21.7	
18	06	64	21.5	IN	0002	37	03.8	76	34.0	3		*			*			01.0			R	12.37		*	Q	0.18	21.7	
18	06	64	21.5	IN	0002	37	03.8	76	34.0	3		*			*			02.0			R	12.45		*	Q	0.34	21.7	
18	06	64	21.5	IN	0002	37	03.8	76	34.0	3		*			*			03.0			R	12.50		*	F	0.44	21.7	
18	06	64	22.0	IN	0002	37	03.8	76	34.0	*3		6	25	18	05			00.0	O	25.74	R	12.16	E	17	D	0.28	22.3	
18	06	64	22.0	IN	0002	37	03.8	76	34.0	*3		6	25	18	05			01.0	O	26.37	R	12.19		*	Q	0.37	22.3	
18	06	64	22.0	IN	0002	37	03.8	76	34.0	*3		6	25	18	05			02.0	O	26.07	R	12.20		*	Q	0.31	22.3	
18	06	64	22.0	IN	0002	37	03.8	76	34.0	*3		6	25	18	05			03.0	O	25.89	R	12.21	E	14	F	0.44	22.3	
18	06	64	22.5	IN	0002	37	03.8	76	34.0	3		6			*			00.0			R	11.93	E	18	D	0.30	22.6	
18	06	64	22.5	IN	0002	37	03.8	76	34.0	3		6			*			01.0			R	11.93		*	Q	0.41	22.6	
18	06	64	22.5	IN	0002	37	03.8	76	34.0	3		6			*			02.0			R	11.95		*	Q	0.34	22.6	
18	06	64	22.5	IN	0002	37	03.8	76	34.0	3		6			*			02.5			R	11.96	E	18	F	0.50	22.6	
18	06	64	23.0	IN	0002	37	03.8	76	34.0	*3		*	25	18	07			00.0	O	25.42	R	11.80	L	16	D	0.23	*	
18	06	64	23.0	IN	0002	37	03.8	76	34.0	*3		*	25	18	07			01.0	O	25.52	R	11.81		*		*	*	
18	06	64	23.0	IN	0002	37	03.8	76	34.0	*3		*	25	18	07			02.0	O	25.47	R	11.80		*		*	*	
18	06	64	23.0	IN	0002	37	03.8	76	34.0	*3		*	25	18	07			03.0	O	25.47	R	11.79	L	16	F	0.57	*	
18	06	64	23.5	IN	0002	37	03.8	76	34.0	3		6			*			00.0	O	25.73	R	11.63	E	18	D	0.34	23.5	
18	06	64	23.5	IN	0002	37	03.8	76	34.0	3		6			*			01.0	O	25.47	R	11.64	E	16	Q	0.31	*	
18	06	64	23.5	IN	0002	37	03.8	76	34.0	3		6			*			02.0	O	25.47	R	11.63	E	14	Q	0.23	*	
18	06	64	23.5	IN	0002	37	03.8	76	34.0	3		6			*			03.0	O	25.47	R	11.63	E	14	F	0.52	23.6	
19	06	64	00.1	IN	0002	37	03.8	76	34.0	*3		6	24	22	07			00.0	O	25.34	R	11.48	E	14	D	0.44	00.2	
19	06	64	00.1	IN	0002	37	03.8	76	34.0	*3		6	24	22	07			01.0	O	25.47	R	11.46	E	15	Q	0.30	00.2	
19	06	64	00.1	IN	0002	37	03.8	76	34.0	*3		6	24	22	07			02.0	O	25.46	R	11.45		*		*	*	
19	06	64	00.1	IN	0002	37	03.8	76	34.0	*3		6	24	22	07			02.5	O	25.46	R	11.45	E	14	F	0.50	00.2	
19	06	64	00.5	IN	0002	37	03.8	76	34.0	3		*			*			00.0	O	26.20	R	11.40	E	13	D	0.41	00.7	
19	06	64	00.5	IN	0002	37	03.8	76	34.0	3		*			*			01.0	O	26.01	R	11.38	E	12	Q	0.27	00.7	
19	06	64	00.5	IN	0002	37	03.8	76	34.0	3		*			*			02.5	O	25.84	R	11.40	E	12	F	0.47	00.7	
19	06	64	01.0	IN	0002	37	03.8	76	34.0	*3		7	24	22	07			00.0	O	25.75	R	11.16	E	15	D	0.17	01.1	
19	06	64	01.0	IN	0002	37	03.8	76	34.0	*3		7	24	22	07			01.0	O	26.13	R	11.16	E	14	Q	0.04	01.2	
19	06	64	01.0	IN	0002	37	03.8	76	34.0	*3		7	24	22	07			02.5	O	26.00	R	11.21	E	14	F	0.35	01.1	
19	06	64	01.5	IN	0002	37	03.8	76	34.0	3		8			*			00.0	O	25.51	R	10.78	E	00	D	0.00	01.7	
19	06	64	01.5	IN	0002	37	03.8	76	34.0	3		8			*			01.0	O	25.42	R	10.76	E	00	Q	0.00	01.7	
19	06	64	01.5	IN	0002	37	03.8	76	34.0	3		8			*			02.5	O	25.37	R	10.79	E	00	F	0.22	01.7	
19	06	64	02.0	IN	0002	37	03.8	76	34.0	*3		8	24	24	07			00.0	O	25.84	R	10.61	E	34	D	0.00	02.1	
19	06	64	02.0	IN	0002	37	03.8	76	34.0	*3		8	24	24	07			01.0	O	25.68	R	10.62	E	34	Q	0.07	02.1	
19	06	64	02.0	IN	0002	37	03.8	76	34.0	*3		8	24	24	07			02.5	O	25.68	R	11.20	E	34	F	0.22	02.1	
19	06	64	02.8	IN	0002	37	03.8	76	34.0	3		1			*			00.0	O	26.33	R	11.23	E	17	D	0.00	02.8	
19	06	64	02.8	IN	0002	37	03.8	76	34.0	3		1			*			01.0	O	26.10	R	11.24	E	77	Q	0.05	02.8	
19	06	64	02.8	IN	0002	37	03.8	76	34.0	3		1			*			02.0	O	25.94	R	11.30	E	77	Q	0.05	02.8	
19	06	64	02.8	IN	0002	37	03.8	76	34.0	3		1			*			03.0	O	25.76	R	11.30	E	77	F	0.22	02.8	
19	06	64	03.0	IN	0002	37	03.8	76	34.0	*3		*	26	18	07			00.0	O	25.25	R	11.58	E	31	D	0.25	*	
19	06	64	03.0	IN	0002	37	03.8	76	34.0	*3		*	26	18	07			01.0	O	25.39	R	11.58		*	Q	0.25	*	
19	06	64	03.0	IN	0002	37	03.8	76	34.0	*3		*	26	18	07			02.0	O	26.40	R	11.59		*	Q	0.17	*	
19	06	64	03.0	IN	0002	37	03.8	76	34.0	*3		*	26	18	07			03.0	O	25.42	R	11.59		*	F	0.22	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
19	06	64	03.5	IN	0002	37	03.8	76	34.0	3	*			*		00.0	O	26.05	R	12.16	E	31	D	0.80	04.3
19	06	64	03.5	IN	0002	37	03.8	76	34.0	3	*			*		01.0	O	25.70	R	12.01		*	Q	0.31	*
19	06	64	03.5	IN	0002	37	03.8	76	34.0	3	*			*		02.0	O	25.62	R	12.16		*	Q	0.33	*
19	06	64	03.5	IN	0002	37	03.8	76	34.0	3	*			*		03.0	O	25.53	R	11.94	E	31	F	0.35	04.3
19	06	64	04.6	IN	0002	37	03.8	76	34.0	3	*			*		00.0	O	26.01	R	12.16	E	31	D	0.34	*
19	06	64	04.6	IN	0002	37	03.8	76	34.0	3	*			*		01.0	O	25.91	R	12.16	E	31	Q	0.27	*
19	06	64	04.6	IN	0002	37	03.8	76	34.0	3	*			*		02.0	O	25.67	R	12.15	E	31	Q	0.31	*
19	06	64	04.6	IN	0002	37	03.8	76	34.0	3	*			*		03.0	O	25.55	R	12.16	E	32	F	0.15	*
19	06	64	05.0	IN	0002	37	03.8	76	34.0	*3	*	23	18	09		00.0	O	26.07	R	12.20	E	32	D	0.14	*
19	06	64	05.0	IN	0002	37	03.8	76	34.0	*3	*	23	18	09		01.0	O	25.93	R	12.21	E	32	Q	0.19	*
19	06	64	05.0	IN	0002	37	03.8	76	34.0	*3	*	23	18	09		02.0	O	25.77	R	12.21	E	31	Q	0.19	*
19	06	64	05.0	IN	0002	37	03.8	76	34.0	*3	*	23	18	09		03.0	O	25.51	R	12.21	E	31	F	0.22	*
19	06	64	05.5	IN	0002	37	03.8	76	34.0	3	*			*		00.0			R	12.28	E	29	D	0.15	*
19	06	64	05.5	IN	0002	37	03.8	76	34.0	3	*			*		01.0			R	12.29		*		*	*
19	06	64	05.5	IN	0002	37	03.8	76	34.0	3	*			*		02.0			R	12.28		*		*	*
19	06	64	05.5	IN	0002	37	03.8	76	34.0	3	*			*		03.0			R	12.30		*	F	0.27	*
19	06	64	06.0	IN	0002	37	03.8	76	34.0	*3	*	23	21	07		00.0	O	25.28	R	12.35	L	32	D	0.20	06.1
19	06	64	06.0	IN	0002	37	03.8	76	34.0	*3	*	23	21	07		01.0	O	26.92	R	12.33		*	Q	0.18	06.2
19	06	64	06.0	IN	0002	37	03.8	76	34.0	*3	*	23	21	07		02.0	O	25.78	R	12.34		*	Q	0.25	06.2
19	06	64	06.0	IN	0002	37	03.8	76	34.0	*3	*	23	21	07		03.0	O	25.65	R	12.35	L	32	F	0.27	06.1
19	06	64	06.5	IN	0002	37	03.8	76	34.0	3	4			*		00.0			R	12.22	L	18	D	0.00	06.6
19	06	64	06.5	IN	0002	37	03.8	76	34.0	3	4			*		01.0			R	12.21		*	Q	0.18	06.6
19	06	64	06.5	IN	0002	37	03.8	76	34.0	3	4			*		02.0			R	12.20		*	Q	0.18	06.6
19	06	64	06.5	IN	0002	37	03.8	76	34.0	3	4			*		03.0			R	12.23	L	18	F	0.15	06.6
19	06	64	07.0	IN	0002	37	03.8	76	34.0	*3	4	24	21	05	0.8	00.0	O	26.98	R	12.19		*	D	0.00	07.1
19	06	64	07.0	IN	0002	37	03.8	76	34.0	*3	4	24	21	05	0.8	01.0	O	22.55	R	12.19		*	Q	0.18	07.1
19	06	64	07.0	IN	0002	37	03.8	76	34.0	*3	4	24	21	05	0.8	02.0	O	26.19	R	12.18		*	Q	0.18	07.2
19	06	64	07.0	IN	0002	37	03.8	76	34.0	*3	4	24	21	05	0.8	03.0	O	26.11	R	12.26		*	F	0.27	07.1
19	06	64	07.5	IN	0002	37	03.8	76	34.0	3	4			*		00.0			R	12.17		*	D	0.00	07.5
19	06	64	07.5	IN	0002	37	03.8	76	34.0	3	4			*		01.0			R	12.17		*	Q	0.28	07.7
19	06	64	07.5	IN	0002	37	03.8	76	34.0	3	4			*		02.0			R	12.17		*	Q	0.31	07.6
19	06	64	07.5	IN	0002	37	03.8	76	34.0	3	4			*		03.0			R	12.31		*	F	0.37	07.6
19	06	64	08.0	IN	0002	37	03.8	76	34.0	*3	4	24	21	07	0.7	00.0	O	28.19	R	12.23		*	D	0.00	08.1
19	06	64	08.0	IN	0002	37	03.8	76	34.0	*3	4	24	21	07	0.7	01.0	O	27.55	R	12.24		*	Q	0.34	*
19	06	64	08.0	IN	0002	37	03.8	76	34.0	*3	4	24	21	07	0.7	02.0	O	27.06	R	12.25		*	Q	0.33	*
19	06	64	08.0	IN	0002	37	03.8	76	34.0	*3	4	24	21	07	0.7	03.0	O	26.70	R	12.37	L	14	F	0.22	08.1
19	06	64	08.5	IN	0002	37	03.8	76	34.0	3	*			*		00.0			R	12.44		*	D	0.22	08.6
19	06	64	08.5	IN	0002	37	03.8	76	34.0	3	*			*		01.0			R	12.42		*	D	0.34	08.6
19	06	64	08.5	IN	0002	37	03.8	76	34.0	3	*			*		02.0			R	12.44		*	D	0.41	08.6
19	06	64	08.5	IN	0002	37	03.8	76	34.0	3	*			*		03.0			R	12.44	L	14	F	0.38	08.6
19	06	64	09.0	IN	0002	37	03.8	76	34.0	*3	*	25	22	07	0.5	00.0	O	27.85	R	12.60	L	14	D	0.25	09.1
19	06	64	09.0	IN	0002	37	03.8	76	34.0	*3	*	25	22	07	0.5	01.0	O	23.29	R	12.60		*	Q	0.39	09.2
19	06	64	09.0	IN	0002	37	03.8	76	34.0	*3	*	25	22	07	0.5	02.0	O	26.93	R	12.60		*	Q	0.34	09.2
19	06	64	09.0	IN	0002	37	03.8	76	34.0	*3	*	25	22	07	0.5	03.0	O	26.65	R	12.59	L	14	F	0.38	09.2
19	06	64	09.5	IN	0002	37	03.8	76	34.0	3	5			*		00.0			R	12.44		*	D	0.34	09.5
19	06	64	09.5	IN	0002	37	03.8	76	34.0	3	5			*		01.0			R	12.44		*	Q	0.41	09.6
19	06	64	09.5	IN	0002	37	03.8	76	34.0	3	5			*		02.0			R	12.44		*	Q	0.34	09.6
19	06	64	09.5	IN	0002	37	03.8	76	34.0	3	5			*		03.0			R	12.45		*	F	0.44	09.5
19	06	64	10.0	IN	0002	37	03.8	76	34.0	*3	*	25	22	04	0.6	00.0	O	28.60	R	12.00	L	14	D	0.36	10.0
19	06	64	10.0	IN	0002	37	03.8	76	34.0	*3	*	25	22	04	0.6	01.0	O	27.15	R	12.00		*	Q	0.46	10.1
19	06	64	10.0	IN	0002	37	03.8	76	34.0	*3	*	25	22	04	0.6	02.0	O	26.71	R	12.01		*	Q	0.34	10.1
19	06	64	10.0	IN	0002	37	03.8	76	34.0	*3	*	25	22	04	0.6	03.0	O	26.49	R	12.01	L	14	F	0.44	10.0

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
19	06	64	10.5	IN	0002	37	03.8	76	34.0	3		*			*			00.0			R	11.40	L	14	D	0.34	10.5	
19	06	64	10.5	IN	0002	37	03.8	76	34.0	3		*			*			01.			R	11.37		*	Q	0.46	10.5	
19	06	64	10.5	IN	0002	37	03.8	76	34.0	3		*			*			02.0			R	11.38		*	Q	0.39	10.6	
19	06	64	10.5	IN	0002	37	03.8	76	34.0	3		*			*			03.0			R	11.40	L	14	F	0.50	10.6	
19	06	64	11.0	IN	0002	37	03.8	76	34.0	*3		*	26	20	05	0.6		00.0	0	25.57	R	10.82	L	14	D	0.30	11.1	
19	06	64	11.0	IN	0002	37	03.8	76	34.0	*3		*	26	20	05	0.6		01.0	0	27.14	R	10.81		*	Q	0.34	11.2	
19	06	64	11.0	IN	0002	37	03.8	76	34.0	*3		*	26	20	05	0.6		02.0	0	26.90	R	10.80		*	Q	0.34	11.2	
19	06	64	11.0	IN	0002	37	03.8	76	34.0	*3		*	26	20	05	0.6		02.5	0	26.74	R	10.80	L	14	F	0.25	11.1	
19	06	64	12.0	IN	0002	37	03.8	76	34.0	3		*			*			00.0			R	10.31		*		*	*	
19	06	64	12.0	IN	0002	37	03.8	76	34.0	3		*			*			01.0			R	10.30		*		*	*	
19	06	64	12.0	IN	0002	37	03.8	76	34.0	3		*			*			02.0			R	10.29		*		*	*	
19	06	64	12.0	IN	0002	37	03.8	76	34.0	3		*			*			02.5			R	10.30		*		*	*	

Cruise 0003

Stations:

46
44
45
46'
49
47
48
49'

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
29	06	64	11.0	IN	0003	36	59.2	76	22.6	3		4			*	1.2		00.0		26.66			D	27	D	0.00	11.5	
29	06	64	11.0	IN	0003	36	59.2	76	22.6	3		4			*	1.2		01.0		26.34			E	27	F	0.25	11.0	
29	06	64	11.0	IN	0003	36	59.2	76	22.6	3		4			*	1.2		02.0		26.19			E	99	F	0.21	11.0	
29	06	64	11.0	IN	0003	36	59.2	76	22.6	3		4			*	1.2		02.5		26.11			E	99	F	0.14	11.0	
29	06	64	11.5	IN	0003	36	59.2	76	22.6	3		4			*			00.0		27.02	R	21.05	D	00	D	0.00	11.9	
29	06	64	11.5	IN	0003	36	59.2	76	22.6	3		4			*			01.0		26.61	R	21.00	E	00	F	0.00	11.9	
29	06	64	11.5	IN	0003	36	59.2	76	22.6	3		4			*			02.0		26.26	R	20.99	E	00	F	0.00	11.9	
29	06	64	11.5	IN	0003	36	59.2	76	22.6	3		4			*			03.0		26.12	R	20.95	E	00	F	0.00	11.9	
29	06	64	12.0	IN	0003	36	59.2	76	22.6	3		4	26	9	01	1.0		00.0		27.30	R	21.02	E	99	D	0.00	12.2	
29	06	64	12.0	IN	0003	36	59.2	76	22.6	3		4	26	9	01	1.0		01.0		26.59	R	20.97	E	99	F	0.00	12.2	
29	06	64	12.0	IN	0003	36	59.2	76	22.6	3		4	26	9	01	1.0		02.0		26.25	R	20.90	E	99	F	0.06	12.3	
29	06	64	12.0	IN	0003	36	59.2	76	22.6	3		4	26	9	01	1.0		02.5		26.13	R	20.92	E	99	F	0.09	12.3	
29	06	64	12.5	IN	0003	36	59.2	76	22.6	3		4			*			00.0			R	20.91		*	D	0.00	*	
29	06	64	12.5	IN	0003	36	59.2	76	22.6	3		4			*			01.0			R	20.92		*	F	0.11	*	
29	06	64	12.5	IN	0003	36	59.2	76	22.6	3		4			*			02.0			R	20.88		*	F	0.11	*	
29	06	64	12.5	IN	0003	36	59.2	76	22.6	3		4			*			02.5			R	20.91		*	F	0.09	*	
29	06	64	13.0	IN	0003	36	59.2	76	22.6	3		5			*	1.1		00.0		26.44	R	20.98		*	D	0.00	13.2	
29	06	64	13.0	IN	0003	36	59.2	76	22.6	3		5			*	1.1		01.0		26.53	R	20.92	E	08	F	0.17	13.1	
29	06	64	13.0	IN	0003	36	59.2	76	22.6	3		5			*	1.1		02.0		26.01	R	20.98	E	08	F	0.39	13.1	
29	06	64	13.0	IN	0003	36	59.2	76	22.6	3		5			*	1.1		02.5		29.91	R	20.99	E	05	F	0.45	13.2	
29	06	64	13.5	IN	0003	36	59.2	76	22.6	*3		5	25	11	05			00.0			R	21.01	E	99		*	13.7	
29	06	64	13.5	IN	0003	36	59.2	76	22.6	*3		5	25	11	05			01.0			R	20.98	E	99	F	0.08	13.6	
29	06	64	13.5	IN	0003	36	59.2	76	22.6	*3		5	25	11	05			02.0			R	21.00	E	99	F	0.08	13.6	
29	06	64	13.5	IN	0003	36	59.2	76	22.6	*3		5	25	11	05			02.5			R	21.06	E	99	F	0.04	13.6	
29	06	64	14.0	IN	0003	36	59.2	76	22.6	*3		5	26	11	03	1.2		00.0		26.85	R	21.09	L	07	D	0.17	14.3	
29	06	64	14.0	IN	0003	36	59.2	76	22.6	*3		5	26	11	03	1.2		01.0		26.79	R	21.03		*	F	0.31	14.2	
29	06	64	14.0	IN	0003	36	59.2	76	22.6	*3		5	26	11	03	1.2		02.0		26.12	R	21.03		*	F	0.27	14.1	
29	06	64	14.0	IN	0003	36	59.2	76	22.6	*3		5	26	11	03	1.2		02.5		25.90	R	21.03		*	F	0.22	14.1	
29	06	64	14.5	IN	0003	36	59.2	76	22.6	3		5			*			00.0			R	21.21	L	07	D	0.17	14.7	
29	06	64	14.5	IN	0003	36	59.2	76	22.6	3		5			*			01.0			R	21.19		*	F	0.27	14.6	
29	06	64	14.5	IN	0003	36	59.2	76	22.6	3		5			*			02.0			R	21.18		*	F	0.27	14.5	
29	06	64	14.5	IN	0003	36	59.2	76	22.6	3		5			*			02.5			R	21.17		*	F	0.22	*	
29	06	64	15.0	IN	0003	36	59.2	76	22.6	*2		6	27	12	04	1.4		00.0		26.84	R	21.24	L	07	D	0.23	15.2	
29	06	64	15.0	IN	0003	36	59.2	76	22.6	*2		6	27	12	04	1.4		01.0		26.74	R	21.24	E	06	F	0.14	15.1	
29	06	64	15.0	IN	0003	36	59.2	76	22.6	*2		6	27	12	04	1.4		02.0		26.69	R	21.24	E	06	F	0.14	15.2	
29	06	64	15.0	IN	0003	36	59.2	76	22.6	*2		6	27	12	04	1.4		02.2		26.64	R	21.24		*		*	*	
29	06	64	15.5	IN	0003	36	59.2	76	22.6	3		6			*			00.0		26.83	R	21.23	L	07	D	0.17	15.7	
29	06	64	15.5	IN	0003	36	59.2	76	22.6	3		6			*			01.0		26.74	R	21.25	L	06	F	0.35	15.7	
29	06	64	15.5	IN	0003	36	59.2	76	22.6	3		6			*			02.0		26.65	R	21.24	L	06	F	0.27	15.6	
29	06	64	15.5	IN	0003	36	59.2	76	22.6	3		6			*			02.5		26.64	R	21.25		*		*	*	
29	06	64	16.0	IN	0003	36	59.2	76	22.6	*3		6	26	12	04	0.7		00.0		26.95	R	21.31	L	09	D	0.18	16.1	
29	06	64	16.0	IN	0003	36	59.2	76	22.6	*3		6	26	12	04	0.7		01.0		26.88	R	21.28		*	F	0.22	16.1	
29	06	64	16.0	IN	0003	36	59.2	76	22.6	*3		6	26	12	04	0.7		02.0		26.80	R	21.28		*	F	0.15	16.1	
29	06	64	16.0	IN	0003	36	59.2	76	22.6	*3		6	26	12	04	0.7		02.5		26.77	R	21.28		*		*	16.1	
29	06	64	16.5	IN	0003	36	59.2	76	22.6	3		6			*			00.0		26.67	R	21.28	L	08	D	0.11	16.6	
29	06	64	16.5	IN	0003	36	59.2	76	22.6	3		6			*			01.0		26.68	R	21.28	E	04	F	0.15	16.6	
29	06	64	16.5	IN	0003	36	59.2	76	22.6	3		6			*			02.0		26.67	R	21.26	E	04	F	0.15	16.6	
29	06	64	16.5	IN	0003	36	59.2	76	22.6	3		6			*			02.5			R	21.18		*		*	*	
29	06	64	17.0	IN	0003	36	59.2	76	22.6	*3		6	26	10	04	1.4		00.0		26.73	R	21.26	E	08	D	0.07	17.2	
29	06	64	17.0	IN	0003	36	59.2	76	22.6	*3		6	26	10	04	1.4		01.0		26.72	R	21.42	E	08	F	0.22	17.2	
29	06	64	17.0	IN	0003	36	59.2	76	22.6	*3		6	26	10	04	1.4		02.0		26.68	R	21.28	E	08	F	0.00	17.1	

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M		WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																								DIRXN		VELOCITY					
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY N/SEC.					INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
29	06	64	17.5	IN	0003	36	59.2	76	22.6	3		7			*			00.0			26.99	R	21.29		*		*	*		
29	06	64	17.5	IN	0003	36	59.2	76	22.6	3		7			*			01.0			26.90	R	21.25		*	F	0.00	*		
29	06	64	17.5	IN	0003	36	59.2	76	22.6	3		7			*			02.0			26.78	R	21.26		*		*	*		
29	06	64	18.0	IN	0003	36	59.2	76	22.6	*3		7	28	32	06			00.0			27.08	R	21.27	D	00	D	0.00	18.0		
29	06	64	18.0	IN	0003	36	59.2	76	22.6	*3		7	28	32	06			01.0			26.82	R	20.98	E	00	F	0.11	18.1		
29	06	64	18.0	IN	0003	36	59.2	76	22.6	*3		7	28	32	06			02.0			26.72	R	21.23	E	00	F	0.11	18.1		
29	06	64	18.0	IN	0003	36	59.2	76	22.6	*3		7	28	32	06			02.5			26.68	R	21.25	E	00	F	0.11	18.2		
29	06	64	18.5	IN	0003	36	59.2	76	22.6	3		7			*			00.0			27.13	R	21.30	D	00	D	0.00	18.5		
29	06	64	18.5	IN	0003	36	59.2	76	22.6	3		7			*			01.0			26.84	R	21.28	E	27	F	0.10	18.5		
29	06	64	18.5	IN	0003	36	59.2	76	22.6	3		7			*			02.0			26.77	R	21.28	E	27	F	0.14	18.5		
29	06	64	18.5	IN	0003	36	59.2	76	22.6	3		7			*			02.5			26.64	R	21.29	E	27	F	0.09	18.5		
29	06	64	19.0	IN	0003	36	59.2	76	22.6	3		7	26	1	05			00.0			27.13	R	21.25	D	24	D	0.11	*		
29	06	64	19.0	IN	0003	36	59.2	76	22.6	3		7	26	1	05			01.0			26.84	R	21.21	E	26	F	0.17	*		
29	06	64	19.0	IN	0003	36	59.2	76	22.6	3		7	26	1	05			02.0			26.72	R	21.21	E	26	F	0.17	*		
29	06	64	19.0	IN	0003	36	59.2	76	22.6	3		7	26	1	05			02.5			26.66	R	21.21	E	26	F	0.17	*		
29	06	64	19.5	IN	0003	36	59.2	76	22.6	3		7			*			00.0			26.55	R	21.21	D	26	D	0.19	19.6		
29	06	64	19.5	IN	0003	36	59.2	76	22.6	3		7			*			01.0			26.55	R	21.19		*	F	0.22	19.6		
29	06	64	19.5	IN	0003	36	59.2	76	22.6	3		7			*			02.0			26.49	R	21.19		*	F	0.23	19.6		
29	06	64	19.5	IN	0003	36	59.2	76	22.6	3		7			*			02.5			26.44	R	21.20		*	F	0.22	19.6		
29	06	64	20.0	IN	0003	36	59.2	76	22.6	*3		8	25	32	03			00.0			27.42	R	21.21	D	27	D	0.15	*		
29	06	64	20.0	IN	0003	36	59.2	76	22.6	*3		8	25	32	03			01.0			27.18	R	21.19	E	26	F	0.38	*		
29	06	64	20.0	IN	0003	36	59.2	76	22.6	*3		8	25	32	03			02.0			27.07	R	21.18	E	26	F	0.38	*		
29	06	64	20.0	IN	0003	36	59.2	76	22.6	*3		8	25	32	03			02.5				R	21.19		*		*	*		
29	06	64	20.5	IN	0003	36	59.2	76	22.6	2		1			*			00.0			27.32	R	21.25	D	26	D	0.17	20.6		
29	06	64	20.5	IN	0003	36	59.2	76	22.6	2		1			*			01.0			26.90	R	21.25	E	26	F	0.27	20.6		
29	06	64	20.5	IN	0003	36	59.2	76	22.6	2		1			*			02.0			26.82	R	21.27	E	26	F	0.25	20.6		
29	06	64	21.0	IN	0003	36	59.2	76	22.6	*3		1	25	32	05			00.0			27.32	R	21.23	E	27	D	0.17	*		
29	06	64	21.0	IN	0003	36	59.2	76	22.6	*3		1	25	32	05			01.0			27.44	R	21.22	E	26	F	0.15	*		
29	06	64	21.0	IN	0003	36	59.2	76	22.6	*3		1	25	32	05			02.0			27.08	R	21.23	E	26	F	0.15	*		
29	06	64	21.0	IN	0003	36	59.2	76	22.6	*3		1	25	32	05			02.5			26.89	R	21.20	E	26	F	0.15	*		
29	06	64	21.5	IN	0003	36	59.2	76	22.6	3		1			*			00.0			27.15	R	21.24	D	26	D	0.17	21.6		
29	06	64	21.5	IN	0003	36	59.2	76	22.6	3		1			*			01.0			27.04	R	21.24	E	26	F	0.19	21.7		
29	06	64	21.5	IN	0003	36	59.2	76	22.6	3		1			*			02.0			26.90	R	21.30	E	26	F	0.26	21.7		
29	06	64	21.5	IN	0003	36	59.2	76	22.6	3		1			*			02.5			26.69				*		*	*		
29	06	64	23.0	IN	0003	36	59.2	76	22.6	*3		3	24	32	07			03.0			26.74			E	26	F	0.19	*		
29	06	64	22.0	IN	0003	36	59.2	76	22.6	*3		1	24	34	06			00.0			26.97	R	21.12	E	27	D	0.17	22.3		
29	06	64	22.0	IN	0003	36	59.2	76	22.6	*3		1	24	34	06			01.0			26.97	R	21.09	E	26	F	0.17	22.3		
29	06	64	22.0	IN	0003	36	59.2	76	22.6	*3		1	24	34	06			02.0			26.93	R	21.11	E	27	F	0.17	22.3		
29	06	64	22.0	IN	0003	36	59.2	76	22.6	*3		1	24	34	06			03.0			26.78	R	21.13	E	27	F	0.17	22.3		
29	06	64	22.5	IN	0003	36	59.2	76	22.6	*3		4	24	34	06			00.0			27.02	R	21.01	D	26	D	0.17	22.5		
29	06	64	22.5	IN	0003	36	59.2	76	22.6	*3		4	24	34	06			01.0			26.96	R	21.00	E	26	F	0.17	22.5		
29	06	64	22.5	IN	0003	36	59.2	76	22.6	*3		4	24	34	06			02.0			26.96	R	21.00	E	26	F	0.23	22.5		
29	06	64	22.5	IN	0003	36	59.2	76	22.6	*3		4	24	34	06			03.0			26.91	R	21.01	E	26	F	0.25	22.5		
29	06	64	23.0	IN	0003	36	59.2	76	22.6	*3		3	24	32	07			00.0			27.20	R	20.94	D	26	D	0.10	*		
29	06	64	23.0	IN	0003	36	59.2	76	22.6	*3		3	24	32	07			01.0			26.74	R	20.94	E	26	F	0.19	*		
29	06	64	23.0	IN	0003	36	59.2	76	22.6	*3		3	24	32	07			02.0			26.89	R	20.99	E	26	F	0.19	*		
29	06	64	23.5	IN	0003	36	59.2	76	22.6	3		3			*			00.0			27.46	R	20.90	D	00	D	0.00	23.6		
29	06	64	23.5	IN	0003	36	59.2	76	22.6	3		3			*			01.0			27.45	R	20.87	E	26	F	0.10	*		
29	06	64	23.5	IN	0003	36	59.2	76	22.6	3		3			*			02.0			27.41	R	20.92	E	26	F	0.12	*		
29	06	64	23.5	IN	0003	36	59.2	76	22.6	3		3			*			03.0			27.33	R	20.89	E	26	F	0.10	*		

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
30	06	64	00.0	IN	0003	36	59.2	76	22.6	*3		3	23	19	07			00.0		27.12	R	20.86	E	99	D	0.00	00.1	
30	06	64	00.0	IN	0003	36	59.2	76	22.6	*3		3	23	19	07			01.0		27.19	R	20.81	E	99	F	0.00	00.1	
30	06	64	00.0	IN	0003	36	59.2	76	22.6	*3		3	23	19	07			02.0		27.13	R	20.84	E	99	F	0.00	00.1	
30	06	64	00.0	IN	0003	36	59.2	76	22.6	*3		3	23	19	07			03.0		27.16	R	20.79	E	99	F	0.00	00.1	
30	06	64	00.5	IN	0003	36	59.2	76	22.6	3		4			*			00.0		27.62	R	20.86	L	99	D	0.00	00.9	
30	06	64	00.5	IN	0003	36	59.2	76	22.6	3		4			*			01.0		27.63	R	20.84	L	02	F	0.12	00.8	
30	06	64	00.5	IN	0003	36	59.2	76	22.6	3		4			*			02.0		27.63	R	20.85	L	02	F	0.10	00.8	
30	06	64	00.5	IN	0003	36	59.2	76	22.6	3		4			*			03.0		27.55	R	21.08		*		*	*	
30	06	64	01.0	IN	0003	36	59.2	76	22.6	*3		4	22	20	06			00.0		26.59	R	20.89	E	07	D	0.13	01.4	
30	06	64	01.0	IN	0003	36	59.2	76	22.6	*3		4	22	20	06			01.0		26.86	R	20.85	E	05	F	0.14	01.3	
30	06	64	01.0	IN	0003	36	59.2	76	22.6	*3		4	22	20	06			02.0		26.81	R	20.94	E	05	F	0.12	01.3	
30	06	64	01.0	IN	0003	36	59.2	76	22.6	*3		4	22	20	06			03.0		26.82	R	20.91	E	07	F	0.23	01.3	
30	06	64	01.5	IN	0003	36	59.2	76	22.6	3		4			*			00.0		27.35	R	20.88	E	07	D	0.17	01.6	
30	06	64	01.5	IN	0003	36	59.2	76	22.6	3		4			*			01.0		26.88	R	20.83	E	06	F	0.14	01.6	
30	06	64	01.5	IN	0003	36	59.2	76	22.6	3		4			*			02.0		26.80	R	20.85	E	07	F	0.16	01.8	
30	06	64	01.5	IN	0003	36	59.2	76	22.6	3		4			*			03.0		26.74	R	20.84	E	06	F	0.23	01.8	
30	06	64	02.0	IN	0003	36	59.2	76	22.6	*3		4	23	13	05			00.0		27.58	R	20.91	E	07	D	0.25	02.4	
30	06	64	02.0	IN	0003	36	59.2	76	22.6	*3		4	23	13	05			01.0		27.61	R	20.99	E	07	F	0.24	02.4	
30	06	64	02.0	IN	0003	36	59.2	76	22.6	*3		4	23	13	05			02.0		27.54	R	20.95	E	07	F	0.24	02.4	
30	06	64	02.0	IN	0003	36	59.2	76	22.6	*3		4	23	13	05			02.5		27.48	R	20.95	E	07	F	0.19	02.5	
30	06	64	02.5	IN	0003	36	59.2	76	22.6	3		5			*			00.0		26.88	R	21.01	E	07	D	0.29	02.6	
30	06	64	02.5	IN	0003	36	59.2	76	22.6	3		5			*			01.0		27.03	R	21.01	E	07	F	0.23	02.6	
30	06	64	02.5	IN	0003	36	59.2	76	22.6	3		5			*			02.0		27.11	R	20.99	E	07	F	0.26	02.7	
30	06	64	02.5	IN	0003	36	59.2	76	22.6	3		5			*			02.5		27.09	R	20.01	E	07	F	0.22	02.7	
30	06	64	03.0	IN	0003	36	59.2	76	22.6	*3		6	23	22	04			00.0		26.67	R	20.99	E	06	D	0.28	03.2	
30	06	64	03.0	IN	0003	36	59.2	76	22.6	*3		6	23	22	04			01.0		26.64	R	20.97	E	06	F	0.35	03.2	
30	06	64	03.0	IN	0003	36	59.2	76	22.6	*3		6	23	22	04			02.0		26.58	R	21.00	E	06	F	0.28	03.3	
30	06	64	03.0	IN	0003	36	59.2	76	22.6	*3		6	23	22	04			02.5		26.45	R	21.00		*		*	*	
30	06	64	03.5	IN	0003	36	59.2	76	22.6	3		6			*			00.0		26.63	R	21.10	E	07	D	0.28	03.6	
30	06	64	03.5	IN	0003	36	59.2	76	22.6	3		6			*			01.0		26.64	R	21.06	E	07	F	0.33	03.7	
30	06	64	03.5	IN	0003	36	59.2	76	22.6	3		6			*			02.0		26.53	R	21.08	E	07	F	0.27	03.7	
30	06	64	03.5	IN	0003	36	59.2	76	22.6	3		6			*			02.5		26.37	R	21.07		*		*	03.7	
30	06	64	04.0	IN	0003	36	59.2	76	22.6	*2		7	23	23	04			00.0		26.63	R	21.12	E	05	D	0.19	04.4	
30	06	64	04.0	IN	0003	36	59.2	76	22.6	*2		7	23	23	04			01.0		26.65	R	21.09	E	05	F	0.28	04.4	
30	06	64	04.0	IN	0003	36	59.2	76	22.6	*2		7	23	23	04			02.0		26.50	R	21.09	E	05	F	0.27	04.4	
30	06	64	04.5	IN	0003	36	59.2	76	22.6	2		7			*			00.0		26.74	R	21.09	E	05	D	0.19	04.6	
30	06	64	04.5	IN	0003	36	59.2	76	22.6	2		7			*			01.0		26.67	R	21.06	E	05	F	0.28	04.6	
30	06	64	04.5	IN	0003	36	59.2	76	22.6	2		7			*			02.0		26.62	R	21.07	E	05	F	0.28	04.6	
30	06	64	05.0	IN	0003	36	59.2	76	22.6	*2		7	22	21	07			00.0		26.51	R	20.96	E	07	D	0.07	05.4	
30	06	64	05.0	IN	0003	36	59.2	76	22.6	*2		7	22	21	07			01.0		26.51	R	20.93	E	07	F	0.16	05.2	
30	06	64	05.0	IN	0003	36	59.2	76	22.6	*2		7	22	21	07			02.0		26.50	R	20.92	E	07	F	0.16	05.2	
30	06	64	05.5	IN	0003	36	59.2	76	22.6	2		7			*			00.0		26.37	R	21.03	E	07	D	0.13	05.9	
30	06	64	05.5	IN	0003	36	59.2	76	22.6	2		7			*			01.0		26.46	R	21.00	E	07	E	0.17	05.7	
30	06	64	05.5	IN	0003	36	59.2	76	22.6	2		7			*			02.0		26.40	R	21.00	E	07	F	0.19	05.7	
30	06	64	06.0	IN	0003	36	59.2	76	22.6	2		7	23	1	05	0.8		00.0		26.56	R	21.03	E	08	D	0.08	06.5	
30	06	64	06.0	IN	0003	36	59.2	76	22.6	2		7	23	1	05	0.8		01.0		26.45	R	20.99	E	08	F	0.1?	06.3	
30	06	64	06.0	IN	0003	36	59.2	76	22.6	2		7	23	1	05	0.8		02.0		26.31	R	21.02	E	08	F	0.17	06.3	
30	06	64	07.0	IN	0003	36	59.2	76	22.6	2		8	26	4	05	1.2		00.0		26.46	R	20.97	E	99	D	0.06	07.1	
30	06	64	07.0	IN	0003	36	59.2	76	22.6	2		8	26	4	05	1.2		01.0		26.53	R	20.98	E	99	F	0.06	07.1	
30	06	64	07.0	IN	0003	36	59.2	76	22.6	2		8	26	4	05	1.2		02.0		26.27	R	20.97	E	99	F	0.06	07.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
30	06	64	07.5	IN	0003	36	59.2	76	22.6	2		8			*			00.0		26.29	R	20.96	E	00	D	0.00	07.6	
30	06	64	07.5	IN	0003	36	59.2	76	22.6	2		8			*			01.0		26.42	R	20.97	E	00	F	0.00	*	
30	06	64	07.5	IN	0003	36	59.2	76	22.6	2		8			*			02.0		26.40	R	20.98	E	00	F	0.00	*	
30	06	64	08.0	IN	0003	36	59.2	76	22.6	2		1	24	3	04	1.4		00.0		26.53	R	21.03	E	12	D	0.00	08.4	
30	06	64	08.0	IN	0003	36	59.2	76	22.6	2		1	24	3	04	1.4		01.0		26.57	R	20.99	E	12	F	0.10	08.2	
30	06	64	08.0	IN	0003	36	59.2	76	22.6	2		1	24	3	04	1.4		02.0		26.46	R	21.00	E	12	F	0.10	08.2	
30	06	64	08.5	IN	0003	36	59.2	76	22.6	2		1			*			00.0		26.36	R	21.03	E	99	D	0.00	08.6	
30	06	64	08.5	IN	0003	36	59.2	76	22.6	2		1			*			01.0		26.41	R	21.01	E	27	F	0.23	08.6	
30	06	64	08.5	IN	0003	36	59.2	76	22.6	2		1			*			02.0		26.27	R	21.10	E	27	F	0.23	08.6	
30	06	64	09.0	IN	0003	36	59.2	76	22.6	*2		1	27	21	07	1.0		00.0		26.61	R	21.06		*		*	09.3	
30	06	64	09.0	IN	0003	36	59.2	76	22.6	*2		1	27	21	07	1.0		01.0		26.45	R	21.06		*	F	0.30	09.3	
30	06	64	09.0	IN	0003	36	59.2	76	22.6	*2		1	27	21	07	1.0		02.0		26.29	R	21.03		*	F	0.25	09.2	
30	06	64	10.0	IN	0003	36	59.2	76	22.6	*2		1	25	31	10	1.1		00.0		26.97	R	21.02	E	23	D	0.16	10.2	
30	06	64	10.0	IN	0003	36	59.2	76	22.6	*2		1	25	31	10	1.1		01.0		26.65	R	21.03	E	23	F	0.24	10.3	
30	06	64	10.0	IN	0003	36	59.2	76	22.6	*2		1	25	31	10	1.1		02.0		26.51	R	21.05	E	23	F	0.23	10.3	
30	06	64	10.5	IN	0003	36	59.2	76	22.6	*2		1	29	25	08			00.0		26.72	R	21.19	E	23	D	0.16	10.6	
30	06	64	10.5	IN	0003	36	59.2	76	22.6	*2		1	29	25	08			01.0		26.30	R	21.21	E	23	F	0.28	10.7	
30	06	64	10.5	IN	0003	36	59.2	76	22.6	*2		1	29	25	08			02.0		26.12	R	21.13	E	23	F	0.25	10.7	
30	06	64	11.0	IN	0003	36	59.2	76	22.6	*2		1	32	25	10	1.1		00.0		27.07	R	21.16	E	23	D	0.16	11.2	
30	06	64	11.0	IN	0003	36	59.2	76	22.6	*2		1	32	25	10	1.1		01.0		26.69	R	21.15	E	23	F	0.25	11.3	
30	06	64	11.0	IN	0003	36	59.2	76	22.6	*2		1	32	25	10	1.1		02.0		26.50	R	21.09	E	23	F	0.17	11.3	
30	06	64	11.5	IN	0003	36	59.2	76	22.6	*2		2	33	23	10			00.0		26.44	R	21.10	E	23	D	0.15	11.5	
30	06	64	11.5	IN	0003	36	59.2	76	22.6	*2		2	33	23	10			01.0		26.26	R	21.08	E	23	F	0.22	11.6	
30	06	64	11.5	IN	0003	36	59.2	76	22.6	*2		2	33	23	10			02.0		26.01	R	21.07	E	23	F	0.17	11.6	
30	06	64	12.0	IN	0003	36	59.2	76	22.6	*2		3	32	23	05	1.2		00.0		27.48	R	21.05	E	25	D	0.00	12.1	
30	06	64	12.0	IN	0003	36	59.2	76	22.6	*2		3	32	23	05	1.2		01.0		27.02	R	21.03	E	25	F	0.14	12.2	
30	06	64	12.0	IN	0003	36	59.2	76	22.6	*2		3	32	23	05	1.2		02.0		26.71	R	21.00	E	25	F	0.09	12.2	
30	06	64	12.5	IN	0003	36	59.2	76	22.6	2		3			*			00.0		27.31	R	20.98	E	27	D	0.00	12.6	
30	06	64	12.5	IN	0003	36	59.2	76	22.6	2		3			*			01.0		27.09	R	20.95	E	27	F	0.06	12.6	
30	06	64	12.5	IN	0003	36	59.2	76	22.6	2		3			*			02.0		26.69	R	20.99	E	00	F	0.00	12.6	
30	06	64	13.0	IN	0003	36	59.2	76	22.6	*2		4	33	23	04	1.3		00.0		27.80	R	20.86	E	00	D	0.00	13.1	
30	06	64	13.0	IN	0003	36	59.2	76	22.6	*2		4	33	23	04	1.3		01.0		27.37	R	20.94	E	00	F	0.00	13.1	
30	06	64	13.0	IN	0003	36	59.2	76	22.6	*2		4	33	23	04	1.3		02.0		26.87	R	20.97	E	00	F	0.00	13.1	
30	06	64	13.5	IN	0003	36	59.2	76	22.6	2		5			*			00.0		27.65	R	20.91	E	05	D	0.14	13.6	
30	06	64	13.5	IN	0003	36	59.2	76	22.6	2		5			*			01.0		27.22	R	20.89	E	05	F	0.14	13.6	
30	06	64	13.5	IN	0003	36	59.2	76	22.6	2		5			*			02.0		27.02	R	20.89	E	00	F	0.00	13.6	
30	06	64	14.0	IN	0003	36	59.2	76	22.6	*2		5	33	21	04	1.4		00.0		27.68	R	20.92	E	05	D	0.23	14.0	
30	06	64	14.0	IN	0003	36	59.2	76	22.6	*2		5	33	21	04	1.4		01.0		27.53	R	20.90	E	05	F	0.23	14.1	
30	06	64	14.0	IN	0003	36	59.2	76	22.6	*2		5	33	21	04	1.4		02.0		27.28	R	20.72	E	05	F	0.17	14.1	
30	06	64	14.5	IN	0003	36	59.2	76	22.6	3		4			*			00.0		27.51	R	20.94	E	05	D	0.34	14.6	
30	06	64	14.5	IN	0003	36	59.2	76	22.6	3		4			*			01.0		27.27	R	20.92	E	05	F	0.33	14.6	
30	06	64	14.5	IN	0003	36	59.2	76	22.6	3		4			*			02.0		26.85	R	20.92	E	05	F	0.23	14.6	
30	06	64	15.0	IN	0003	36	59.2	76	22.6	*2		4	33	23	03	1.4		00.0		27.11	R	20.98	E	05	D	0.32	15.2	
30	06	64	15.0	IN	0003	36	59.2	76	22.6	*2		4	33	23	03	1.4		01.0		26.97	R	20.97	E	05	F	0.32	15.2	
30	06	64	15.0	IN	0003	36	59.2	76	22.6	*2		4	33	23	03	1.4		02.0		26.88	R	20.97	E	05	F	0.23	15.2	
30	06	64	15.5	IN	0003	36	59.2	76	22.6	2		6			*			00.0		27.02	R	21.05	E	05	D	0.32	15.6	
30	06	64	15.5	IN	0003	36	59.2	76	22.6	2		6			*			01.0		26.85	R	21.03	E	05	F	0.29	15.6	
30	06	64	15.5	IN	0003	36	59.2	76	22.6	2		6			*			02.0		26.73	R	21.01	E	05	F	0.23	15.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M		WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																								DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.					INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
30	06	64	16.0	IN	0003	36	59.2	76	22.6	*2		6	32	21	03	1.1		00.0			27.04	R	20.96	E	05	D	0.32	16.1			
30	06	64	16.0	IN	0003	36	59.2	76	22.6	*2		6	32	21	03	1.1		01.0			26.83	R	20.96	E	05	F	0.32	16.1			
30	06	64	16.0	IN	0003	36	59.2	76	22.6	*2		6	32	21	03	1.1		02.0			26.73	R	20.97	E	05	F	0.20	16.1			
30	06	64	16.5	IN	0003	36	59.2	76	22.6	2		6			*			00.0			27.04	R	20.95	E	05	D	0.22	16.6			
30	06	64	16.5	IN	0003	36	59.2	76	22.6	2		6			*			01.0			26.89	R	20.96	E	05	F	0.22	16.6			
30	06	64	16.5	IN	0003	36	59.2	76	22.6	2		6			*			02.0			26.83	R	20.98	E	05	F	0.17	16.6			
30	06	64	17.0	IN	0003	36	59.2	76	22.6	2		7	32		*	1.1		00.0			28.02	R	20.98	E	08	D	0.27	17.4			
30	06	64	17.0	IN	0003	36	59.2	76	22.6	2		7	32		*	1.1		01.0			26.59	R	20.98	E	09	F	0.08	17.5			
30	06	64	17.0	IN	0003	36	59.2	76	22.6	2		7	32		*	1.1		02.0			26.55	R	21.00	E	09	F	0.06	17.8			
30	06	64	18.0	IN	0003	36	59.2	76	22.6	*2		7	29	19	08	1.5		00.0			27.18	R	20.95	E	09	D	0.29	18.2			
30	06	64	18.0	IN	0003	36	59.2	76	22.6	*2		7	29	19	08	1.5		01.0			27.08	R	20.98	E	08	F	0.11	18.2			
30	06	64	18.0	IN	0003	36	59.2	76	22.6	*2		7	29	19	08	1.5		02.0			27.96	R	20.99	E	08	F	0.10	18.2			
30	06	64	18.5	IN	0003	36	59.2	76	22.6	2		7			*			00.0			26.52	R	20.92	E	09	D	0.19	18.5			
30	06	64	18.5	IN	0003	36	59.2	76	22.6	2		7			*			01.0			26.53	R	20.92	E	09	F	0.11	18.4			
30	06	64	18.5	IN	0003	36	59.2	76	22.6	2		7			*			02.0			26.56	R	20.63	E	09	F	0.09	18.4			
30	06	64	19.0	IN	0003	36	59.2	76	22.6	*2		8	29	19	06			00.0			27.39	R	20.93	L	00	D	0.00	19.2			
30	06	64	19.0	IN	0003	36	59.2	76	22.6	*2		8	29	19	06			01.0			27.19	R	20.87	L	27	F	0.10	19.3			
30	06	64	19.0	IN	0003	36	59.2	76	22.6	*2		8	29	19	06			02.0			27.07	R	20.92	L	00	F	0.00	19.3			
30	06	64	20.2	IN	0003	36	59.2	76	22.6	*3		1	28	21	04			00.0			27.03	R	20.98	S	36	S	0.16	20.4			
30	06	64	20.2	IN	0003	36	59.2	76	22.6	*3		1	28	21	04			01.0			26.96	R	20.98	S	36	S	0.10	20.4			
30	06	64	20.2	IN	0003	36	59.2	76	22.6	*3		1	28	21	04			02.0			26.62	R	20.98	S	36	S	0.16	20.4			
30	06	64	20.2	IN	0003	36	59.2	76	22.6	*3		1	28	21	04			02.5			26.58	R	20.95		*		*	20.4			
30	06	64	21.5	IN	0003	36	59.2	76	22.6	3		1			*			00.0			27.11	R	20.96	S	00	S	0.23	21.8			
30	06	64	21.5	IN	0003	36	59.2	76	22.6	3		1			*			01.0			27.07	R	20.96	S	00	S	0.12	21.8			
30	06	64	21.5	IN	0003	36	59.2	76	22.6	3		1			*			02.0			27.10	R	20.92	S	00	S	0.12	21.8			
30	06	64	21.5	IN	0003	36	59.2	76	22.6	3		1			*			03.0			26.92	R	20.95		*		*	21.8			
30	06	64	22.0	IN	0003	36	59.2	76	22.6	*3		2	29	23	06			00.0			27.08	R	20.96	S	00	S	0.20	22.1			
30	06	64	22.0	IN	0003	36	59.2	76	22.6	*3		2	29	23	06			01.0			26.93	R	20.95	S	00	S	0.20	22.1			
30	06	64	22.0	IN	0003	36	59.2	76	22.6	*3		2	29	23	06			02.0			26.91	R	20.93	S	00	S	0.19	22.1			
30	06	64	22.0	IN	0003	36	59.2	76	22.6	*3		2	29	23	06			02.5			26.84	R	21.30		*		*	22.1			
30	06	64	22.5	IN	0003	36	59.2	76	22.6	3		2			*			00.0			27.29	R	20.86	S	36	S	0.19	22.6			
30	06	64	22.5	IN	0003	36	59.2	76	22.6	3		2			*			01.0			27.03	R	20.92	S	36	S	0.20	22.6			
30	06	64	22.5	IN	0003	36	59.2	76	22.6	3		2			*			02.0			26.93	R	20.94	S	36	S	0.19	22.6			
30	06	64	22.5	IN	0003	36	59.2	76	22.6	3		2			*			03.0			26.85	R	20.94		*		*	*			
30	06	64	23.0	IN	0003	36	59.2	76	22.6	*3		2	27	29	07			00.0			27.28	R	21.04	S	01	S	0.20	23.1			
30	06	64	23.0	IN	0003	36	59.2	76	22.6	*3		2	27	29	07			01.0			27.05	R	21.04	S	01	S	0.20	23.1			
30	06	64	23.0	IN	0003	36	59.2	76	22.6	*3		2	27	29	07			02.0			26.97	R	20.99	S	01	S	0.12	23.1			
30	06	64	23.0	IN	0003	36	59.2	76	22.6	*3		2	27	29	07			03.0			26.84	R	20.97		*		*	23.1			
30	06	64	23.5	IN	0003	36	59.2	76	22.6	3		2			*			00.0			26.97	R	20.99	S	36	S	0.20	23.6			
30	06	64	23.5	IN	0003	36	59.2	76	22.6	3		2			*			01.0			27.01	R	20.96	S	01	S	0.12	23.6			
30	06	64	23.5	IN	0003	36	59.2	76	22.6	3		2			*			02.0			26.94	R	20.99	S	01	S	0.08	23.6			
30	06	64	23.5	IN	0003	36	59.2	76	22.6	3		2			*			03.0			26.82	R	20.97		*		*	23.6			
01	07	64	00.0	IN	0003	36	59.2	76	22.6	*3		3	26	21	04			00.0			26.56	R	21.02	S	36	S	0.10	00.0			
01	07	64	00.0	IN	0003	36	59.2	76	22.6	*3		3	26	21	04			01.0			26.78	R	20.99	S	36	S	0.10	00.0			
01	07	64	00.0	IN	0003	36	59.2	76	22.6	*3		3	26	21	04			02.0			26.74	R	20.99	S	36	S	0.15	00.0			
01	07	64	00.0	IN	0003	36	59.2	76	22.6	*3		3	26	21	04			03.0			26.74	R	20.97		*		*	00.0			
01	07	64	00.5	IN	0003	36	59.2	76	22.6	3		3			*			00.0			27.01	R	20.99	S	36	S	0.10	00.6			
01	07	64	00.5	IN	0003	36	59.2	76	22.6	3		3			*			01.0			26.98	R	21.03	S	36	S	0.10	00.6			
01	07	64	00.5	IN	0003	36	59.2	76	22.6	3		3			*			02.0			26.93	R	21.02	S	36	S	0.03	00.6			
01	07	64	00.5	IN	0003	36	59.2	76	22.6	3		3			*			03.0			26.82	R	21.02		*		*	*			

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M		WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																								DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.					INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
01	07	64	01.0	IN	0003	36	59.2	76	22.6	*3		4	26	21	05			00.0		26.90	R	21.05	S	09	S	0.05	01.1		
01	07	64	01.0	IN	0003	36	59.2	76	22.6	*3		4	26	21	05			01.0		26.71	R	21.04	S	09	S	0.05	01.1		
01	07	64	01.0	IN	0003	36	59.2	76	22.6	*3		4	26	21	05			02.0		26.65	R	21.03	S	15	S	0.03	01.1		
01	07	64	01.0	IN	0003	36	59.2	76	22.6	*3		4	26	21	05			03.0		26.59	R	20.99	S	13	S	0.01	01.1		
01	07	64	01.5	IN	0003	36	59.2	76	22.6	3		5			*			00.0		26.89	R	21.03	S	07	S	0.09	01.5		
01	07	64	01.5	IN	0003	36	59.2	76	22.6	3		5			*			01.0		26.84	R	21.02	S	09	S	0.10	01.5		
01	07	64	01.5	IN	0003	36	59.2	76	22.6	3		5			*			02.0		26.81	R	21.00	S	09	S	0.08	01.5		
01	07	64	01.5	IN	0003	36	59.2	76	22.6	3		5			*			03.0		26.68	R	21.03	S	08	S	0.09	01.6		
01	07	64	02.0	IN	0003	36	59.2	76	22.6	*3		5	24	22	06			00.0		26.36	R	21.07	S	08	S	0.13	02.1		
01	07	64	02.0	IN	0003	36	59.2	76	22.6	*3		5	24	22	06			01.0		26.35	R	21.03	S	09	S	0.15	02.1		
01	07	64	02.0	IN	0003	36	59.2	76	22.6	*3		5	24	22	06			02.0		26.36	R	21.03	S	09	S	0.15	02.1		
01	07	64	02.0	IN	0003	36	59.2	76	22.6	*3		5	24	22	06			03.0		26.30	R	21.04	S	09	S	0.16	02.1		
01	07	64	02.5	IN	0003	36	59.2	76	22.6	3		6			*			00.0		27.14	R	21.13	S	08	S	0.20	02.6		
01	07	64	02.5	IN	0003	36	59.2	76	22.6	3		6			*			01.0		27.02	R	21.14	S	08	S	0.21	02.6		
01	07	64	02.5	IN	0003	36	59.2	76	22.6	3		6			*			02.0		27.02	R	21.12	S	08	S	0.23	02.6		
01	07	64	02.5	IN	0003	36	59.2	76	22.6	3		6			*			03.0		26.98	R	21.14	S	08	S	0.23	02.6		
01	07	64	03.0	IN	0003	36	59.2	76	22.6	*3		6	25	23	06			00.0		27.00	R	21.13	S	08	S	0.20	03.1		
01	07	64	03.0	IN	0003	36	59.2	76	22.6	*3		6	25	23	06			01.0		26.94	R	21.13	S	09	S	0.24	03.1		
01	07	64	03.0	IN	0003	36	59.2	76	22.6	*3		6	25	23	06			02.0		26.94	R	21.13	S	08	S	0.24	03.1		
01	07	64	03.0	IN	0003	36	59.2	76	22.6	*3		6	25	23	06			03.0		26.85	R	21.16	S	08	S	0.23	03.1		
01	07	64	03.5	IN	0003	36	59.2	76	22.6	3		6			*			00.0		26.90	R	33.33	S	09	S	0.25	03.5		
01	07	64	03.5	IN	0003	36	59.2	76	22.6	3		6			*			01.0		26.87	R	21.13	S	08	S	0.30	03.5		
01	07	64	03.5	IN	0003	36	59.2	76	22.6	3		6			*			02.0		26.87	R	21.14	S	08	S	0.20	03.5		
01	07	64	03.5	IN	0003	36	59.2	76	22.6	3		6			*			03.0		26.85	R	21.14	S	08	S	0.29	03.5		
01	07	64	04.0	IN	0003	36	59.2	76	22.6	*3		6	24	22	05			00.0		26.72	R	21.17	S	09	S	0.33	04.0		
01	07	64	04.0	IN	0003	36	59.2	76	22.6	*3		6	24	22	05			01.0		26.72	R	21.17	S	09	S	0.23	04.0		
01	07	64	04.0	IN	0003	36	59.2	76	22.6	*3		6	24	22	05			02.0		26.71	R	21.16	S	09	S	0.30	04.0		
01	07	64	04.0	IN	0003	36	59.2	76	22.6	*3		6	24	22	05			03.0		26.71	R	21.16	S	09	S	0.33	04.1		
01	07	64	04.5	IN	0003	36	59.2	76	22.6	2		6			*			00.0		26.82	R	21.13	S	09	S	0.30	04.5		
01	07	64	04.5	IN	0003	36	59.2	76	22.6	2		6			*			01.0		26.77	R	21.12	S	08	S	0.30	04.5		
01	07	64	04.5	IN	0003	36	59.2	76	22.6	2		6			*			02.0		26.72	R	21.13	S	08	S	0.27	04.5		
01	07	64	04.5	IN	0003	36	59.2	76	22.6	2		6			*			02.4		26.72	R	21.12	S	08	S	0.26	04.5		
01	07	64	05.0	IN	0003	36	59.2	76	22.6	*2		6	24	22	06	1.2		00.0		25.88	R	21.12	S	09	S	0.23	05.0		
01	07	64	05.0	IN	0003	36	59.2	76	22.6	*2		6	24	22	06	1.2		01.0		25.88	R	21.11	S	08	S	0.23	05.0		
01	07	64	05.0	IN	0003	36	59.2	76	22.6	*2		6	24	22	06	1.2		02.0		25.89	R	21.12	S	08	S	0.26	05.0		
01	07	64	05.5	IN	0003	36	59.2	76	22.6	2		7			*			00.0		26.82	R	21.15	S	08	S	0.25	05.5		
01	07	64	05.5	IN	0003	36	59.2	76	22.6	2		7			*			01.0		26.81	R	21.15	S	08	S	0.23	05.5		
01	07	64	05.5	IN	0003	36	59.2	76	22.6	2		7			*			02.0		26.81	R	21.14	S	08	S	0.20	05.5		
01	07	64	06.0	IN	0003	36	59.2	76	22.6	*2		7	25	19	07	1.3		00.0		26.74	R	21.03	S	09	S	0.16	06.0		
01	07	64	06.0	IN	0003	36	59.2	76	22.6	*2		7	25	19	07	1.3		01.0		26.72	R	21.02	S	08	S	0.17	06.0		
01	07	64	06.0	IN	0003	36	59.2	76	22.6	*2		7	25	19	07	1.3		02.0		26.72	R	21.02	S	08	S	0.15	06.0		
01	07	64	06.5	IN	0003	36	59.2	76	22.6	2		7			*			00.0		26.34	R	21.00	S	09	S	0.18	06.6		
01	07	64	06.5	IN	0003	36	59.2	76	22.6	2		7			*			01.0		26.25	R	21.01	S	09	S	0.18	06.7		
01	07	64	06.5	IN	0003	36	59.2	76	22.6	2		7			*			02.0		26.18	R	21.02	S	10	S	0.10	06.7		
01	07	64	07.0	IN	0003	36	59.2	76	22.6	*2		7	27	23	05	1.1		00.0		26.71	R	20.99	S	09	S	0.12	07.1		
01	07	64	07.0	IN	0003	36	59.2	76	22.6	*2		7	27	23	05	1.1		01.0		26.67	R	20.99	S	09	S	0.15	07.1		
01	07	64	07.0	IN	0003	36	59.2	76	22.6	*2		7	27	23	05	1.1		02.0		26.55	R	20.97	S	09	S	0.11	07.1		
01	07	64	07.5	IN	0003	36	59.2	76	22.6	2		7			*			00.0		26.51	R	21.01	S	06	S	0.15	07.6		
01	07	64	07.5	IN	0003	36	59.2	76	22.6	2		7			*			01.0		26.39	R	21.01	S	06	S	0.11	07.6		
01	07	64	07.5	IN	0003	36	59.2	76	22.6	2		7			*			02.0		26.27	R	21.00	S	11	S	0.05	07.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
01	07	64	08.0	IN	0003	36	59.2	76	22.6	2		8			*	1.1		00.0		26.82	R	21.01	S	36	S	0.04	08.1	
01	07	64	08.0	IN	0003	36	59.2	76	22.6	2		8			*	1.1		01.0		26.62	R	20.92	S	01	S	0.04	08.1	
01	07	64	08.0	IN	0003	36	59.2	76	22.6	2		8			*	1.1		02.0		26.56	R	20.97	S	36	S	0.05	08.1	
01	07	64	08.5	IN	0003	36	59.2	76	22.6	2		1			*			00.0		26.48	R	21.01	S	36	S	0.15	08.6	
01	07	64	08.5	IN	0003	36	59.2	76	22.6	2		1			*			01.0		26.38	R	21.00	S	36	S	0.88	08.6	
01	07	64	08.5	IN	0003	36	59.2	76	22.6	2		1			*			02.0		26.30	R	21.01	S	36	S	0.20	08.6	
01	07	64	09.0	IN	0003	36	59.2	76	22.6	*2		1	28	22	05			00.0		25.78	R	21.02	S	36	S	0.17	09.1	
01	07	64	09.0	IN	0003	36	59.2	76	22.6	*2		1	28	22	05			01.0		25.71	R	21.03	S	01	S	0.12	09.1	
01	07	64	09.0	IN	0003	36	59.2	76	22.6	*2		1	28	22	05			02.0		25.61	R	20.98	S	36	S	0.11	09.1	
01	07	64	09.5	IN	0003	36	59.2	76	22.6	*2		1	28	22	05			00.0		26.23	R	21.14	S	01	S	0.23	09.7	
01	07	64	09.5	IN	0003	36	59.2	76	22.6	*2		1	28	22	05			01.0		26.16	R	21.11	S	01	S	0.18	09.7	
01	07	64	09.5	IN	0003	36	59.2	76	22.6	*2		1	28	22	05			02.0		26.04	R	21.08	S	36	S	0.17	09.7	
29	06	64	12.2	LA	0003	36	58.3	76	21.5	7		4	26	9	01	1.8		00.0	C	26.40	C	20.92		*		*	*	
29	06	64	12.2	LA	0003	36	58.3	76	21.5	7		4	26	9	01	1.8		02.0	C	24.90	C	21.11		*		*	*	
29	06	64	12.2	LA	0003	36	58.3	76	21.5	7		4	26	9	01	1.8		03.0	C	24.60	C	21.32		*		*	*	
29	06	64	12.2	LA	0003	36	58.3	76	21.5	7		4	26	9	01	1.8		04.0	C	24.45	C	21.45		*		*	*	
29	06	64	12.2	LA	0003	36	58.3	76	21.5	7		4	26	9	01	1.8		05.0	C	24.35	C	21.53		*		*	*	
29	06	64	12.2	LA	0003	36	58.3	76	21.5	7		4	26	9	01	1.8		06.0	C	24.30	C	21.57		*		*	*	
29	06	64	13.7	LA	0003	36	58.3	76	21.5	*7		4	25	11	05	2.0		00.0	C	25.30	C	21.03		*	D	0.00	13.9	
29	06	64	13.7	LA	0003	36	58.3	76	21.5	*7		4	25	11	05	2.0		02.0	C	25.24	C	21.05		*		*	13.9	
29	06	64	13.7	LA	0003	36	58.3	76	21.5	*7		4	25	11	05	2.0		03.0	C	25.12	C	21.14		*		*	13.9	
29	06	64	13.7	LA	0003	36	58.3	76	21.5	*7		4	25	11	05	2.0		04.0	C	25.06	C	21.17		*		*	13.9	
29	06	64	13.7	LA	0003	36	58.3	76	21.5	*7		4	25	11	05	2.0		05.0	C	24.94	C	21.23		*		*	13.9	
29	06	64	13.7	LA	0003	36	58.3	76	21.5	*7		4	25	11	05	2.0		06.0	C	24.74	C	21.30		*		*	13.9	
29	06	64	14.3	LA	0003	36	58.3	76	21.5	*5		6	26	11	03	2.0		00.0	C	25.26	C	21.10	L	11	D	0.11	14.5	
29	06	64	14.3	LA	0003	36	58.3	76	21.5	*5		6	26	11	03	2.0		02.0	C	25.12	C	21.17		*		*	*	
29	06	64	14.3	LA	0003	36	58.3	76	21.5	*5		6	26	11	03	2.0		03.0	C	25.12	C	21.17		*		*	*	
29	06	64	14.3	LA	0003	36	58.3	76	21.5	*5		6	26	11	03	2.0		04.0	C	25.14	C	21.17		*		*	*	
29	06	64	14.3	LA	0003	36	58.3	76	21.5	*5		6	26	11	03	2.0		05.0	C	25.14	C	21.17		*		*	*	
29	06	64	14.3	LA	0003	36	58.3	76	21.5	*5		6	26	11	03	2.0		06.0	C	24.78	C	21.34		*		*	*	
29	06	64	14.5	LA	0003	36	58.3	76	21.5	7		5	25		*			00.0	C	25.38	C	21.10		*	D	0.21	14.9	
29	06	64	14.5	LA	0003	36	58.3	76	21.5	7		5	25		*			02.0	C	25.28	C	21.11		*		*	*	
29	06	64	14.5	LA	0003	36	58.3	76	21.5	7		5	25		*			03.0	C	25.20	C	21.09		*		*	*	
29	06	64	14.5	LA	0003	36	58.3	76	21.5	7		5	25		*			04.0	C	25.08	C	21.09		*		*	*	
29	06	64	14.5	LA	0003	36	58.3	76	21.5	7		5	25		*			05.0	C	25.04	C	21.11		*		*	*	
29	06	64	14.5	LA	0003	36	58.3	76	21.5	7		5	25		*			06.0	C	24.76	C	21.26		*		*	*	
29	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		5	27	12	04	2.3		00.0	C	25.36	C	21.05	L	06	D	0.35	15.1	
29	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		5	27	12	04	2.3		02.0	C	25.32	C	21.03		*		*	*	
29	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		5	27	12	04	2.3		03.0	C	25.32	C	21.03		*		*	*	
29	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		5	27	12	04	2.3		04.0	C	25.24	C	21.05		*		*	*	
29	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		5	27	12	04	2.3		05.0	C	25.16	C	21.08		*		*	*	
29	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		5	27	12	04	2.3		06.0	C	24.88	C	21.19		*		*	*	
29	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			00.0	C	25.88	C	20.88	L	07	D	0.40	15.5	
29	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			02.0	C	25.78	C	21.14		*		*	*	
29	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			03.0	C	25.36	C	20.99	L	07	F	0.61	15.7	
29	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			04.0	C	25.10	C	21.10		*		*	*	
29	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			05.0	C	25.00	C	21.14	L	07	F	0.44	15.9	
29	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			06.0	C	24.92	C	21.17		*		*	*	
29	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		5	26	12	04	2.2		00.0	C	25.68	C	20.82	L	07		0.50	16.1	
29	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		5	26	12	04	2.2		02.0	C	25.66	C	20.82		*		*	*	
29	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		5	26	12	04	2.2		03.0	C	25.32	C	20.97	L	07	F	0.55	16.3	
29	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		5	26	12	04	2.2		04.0	C	25.26	C	21.01		*		*	*	
29	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		5	26	12	04	2.2		05.0	C	25.10	C	21.12	L	08	F	0.47	16.3	
29	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		5	26	12	04	2.2		06.0	C	25.02	C	21.15		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
29	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			00.0	C	26.10	C	12.07	L	04	D	0.60	*		
29	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			02.0	C	26.12	C	20.67		*		*	*		
29	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			03.0	C	25.88	C	12.22	L	07	F	0.61	*		
29	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			04.0	C	25.56	C	20.97		*		*	*		
29	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			05.0	C	25.40	C	21.05	L	09	F	0.52	16.5		
29	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			06.0	C	25.34	C	21.08		*		*	*		
29	06	64	17.0	LA	0003	36	58.3	76	21.5	*7		6	26	10	04	1.6		00.0	C	26.26	C	20.58	L	04	D	0.42	17.5		
29	06	64	17.0	LA	0003	36	58.3	76	21.5	*7		6	26	10	04	1.6		02.0	C	26.10	C	20.72		*		*	*		
29	06	64	17.0	LA	0003	36	58.3	76	21.5	*7		6	26	10	04	1.6		03.0	C	25.96	C	20.76	L	09	F	0.44	17.5		
29	06	64	17.0	LA	0003	36	58.3	76	21.5	*7		6	26	10	04	1.6		04.0	C	25.84	C	20.88		*		*	*		
29	06	64	17.0	LA	0003	36	58.3	76	21.5	*7		6	26	10	04	1.6		05.0	C	25.52	C	21.06	L	09	F	0.42	17.5		
29	06	64	17.0	LA	0003	36	58.3	76	21.5	*7		6	26	10	04	1.6		06.0	C	25.38	C	21.10		*		*	*		
29	06	64	17.5	LA	0003	36	58.3	76	21.5	7		7			*			00.0	C	25.54	C	20.81	L	06	D	0.20	17.6		
29	06	64	17.5	LA	0003	36	58.3	76	21.5	7		7			*			02.0	C	25.42	C	20.97		*		*	*		
29	06	64	17.5	LA	0003	36	58.3	76	21.5	7		7			*			03.0	C	25.38	C	21.01	L	08	F	0.27	17.7		
29	06	64	17.5	LA	0003	36	58.3	76	21.5	7		7			*			04.0	C	25.30	C	21.06		*		*	*		
29	06	64	17.5	LA	0003	36	58.3	76	21.5	7		7			*			05.0	C	25.26	C	21.08		*		*	*		
29	06	64	17.5	LA	0003	36	58.3	76	21.5	7		7			*			06.0	C	25.24	C	21.12		*		*	*		
29	06	64	18.0	LA	0003	36	58.3	76	21.5	*6		7	28	32	06	1.6		00.0	C	25.38	C	20.97	L	04	D	0.18	18.5		
29	06	64	18.0	LA	0003	36	58.3	76	21.5	*6		7	28	32	06	1.6		02.0	C	25.38	C	20.99		*		*	*		
29	06	64	18.0	LA	0003	36	58.3	76	21.5	*6		7	28	32	06	1.6		03.0	C	25.38	C	20.99	L	10	Q	0.02	18.6		
29	06	64	18.0	LA	0003	36	58.3	76	21.5	*6		7	28	32	06	1.6		04.0	C	25.38	C	21.01		*		*	18.6		
29	06	64	18.0	LA	0003	36	58.3	76	21.5	*6		7	28	32	06	1.6		05.0	C	25.36	C	21.03		*		*	18.6		
29	06	64	18.0	LA	0003	36	58.3	76	21.5	*6		7	28	32	06	1.6		06.0	C	25.28	C	21.08		*		*	18.6		
29	06	64	18.5	LA	0003	36	58.3	76	21.5	6		7			*			00.0	C	25.66	C	20.55	E	04	D	0.18	18.9		
29	06	64	18.5	LA	0003	36	58.3	76	21.5	6		7			*			02.0	C	25.56	C	20.73		*		*	*		
29	06	64	18.5	LA	0003	36	58.3	76	21.5	6		7			*			03.0	C	25.44	C	20.91		*		*	*		
29	06	64	18.5	LA	0003	36	58.3	76	21.5	6		7			*			04.0	C	25.38	C	21.08		*		*	*		
29	06	64	18.5	LA	0003	36	58.3	76	21.5	6		7			*			05.0	C	25.38	C	21.15		*		*	*		
29	06	64	18.5	LA	0003	36	58.3	76	21.5	6		7			*			06.0	C	25.38	C	21.17		*		*	*		
29	06	64	19.0	LA	0003	36	58.3	76	21.5	7		7	26	1	05			00.0	C	25.60	C	20.60	E	00	D	0.00	19.2		
29	06	64	19.0	LA	0003	36	58.3	76	21.5	7		7	26	1	05			02.0	C	25.48	C	20.78		*		*	*		
29	06	64	19.0	LA	0003	36	58.3	76	21.5	7		7	26	1	05			03.0	C	25.34	C	21.12	L	35		*	*		
29	06	64	19.0	LA	0003	36	58.3	76	21.5	7		7	26	1	05			04.0	C	25.34	C	21.14		*		*	*		
29	06	64	19.0	LA	0003	36	58.3	76	21.5	7		7	26	1	05			05.0	C	25.34	C	21.15		*		*	*		
29	06	64	19.0	LA	0003	36	58.3	76	21.5	7		7	26	1	05			06.0	C	25.34	C	21.14		*		*	*		
29	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			00.0	C	25.48	C	20.76		*		*	19.6		
29	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			02.0	C	25.48	C	20.78		*		*	*		
29	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			03.0	C	25.49	C	20.97	L	23		*	*		
29	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			04.0	C	25.50	C	21.03		*		*	*		
29	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			05.0	C	25.48	C	21.06	L	22		*	*		
29	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			06.0	C	25.44	C	21.12		*		*	*		
29	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	25	32	03			00.0	C	25.42	C	20.85	L	00	D	0.00	20.3		
29	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	25	32	03			02.0	C	25.44	C	20.94		*		*	*		
29	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	25	32	03			03.0	C	25.34	C	21.06	L	25		*	20.3		
29	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	25	32	03			04.0	C	25.26	C	21.14		*		*	*		
29	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	25	32	03			05.0	C	25.20	C	21.14	L	23		*	20.3		
29	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	25	32	03			06.0	C	24.66	C	21.39		*		*	*		
29	06	64	20.5	LA	0003	36	58.3	76	21.5	7		1			*			00.0	C	25.34	C	20.88	L	25	D	0.02	20.7		
29	06	64	20.5	LA	0003	36	58.3	76	21.5	7		1			*			02.0	C	25.36	C	20.88		*		*	*		
29	06	64	20.5	LA	0003	36	58.3	76	21.5	7		1			*			03.0	C	25.36	C	20.92	L	25		*	20.7		
29	06	64	20.5	LA	0003	36	58.3	76	21.5	7		1			*			04.0	C	25.34	C	20.97		*		*	*		
29	06	64	20.5	LA	0003	36	58.3	76	21.5	7		1			*			05.0	C	25.20	C	21.12	L	22		*	20.7		
29	06	64	20.5	LA	0003	36	58.3	76	21.5	7		1			*			06.0	C	24.80	C	21.28		*		*	*		
29	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	25	32	05			00.0	C	25.66	C	20.31	L	28	D	0.02	21.1		
29	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	25	32	05			02.0	C	25.68	C	20.38		*		*	*		
29	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	25	32	05			03.0	C	25.68	C	20.47		*		*	*		
29	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	25	32	05			04.0	C	25.20	C	21.10		*		*	*		
29	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	25	32	05			05.0	C	25.10	C	21.14	L	30	F	0.04	21.0		
29	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	25	32	05			06.0	C	25.02	C	21.19		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
29	06	64	21.5	LA	0003	36	58.3	76	21.5	7		1			*			00.0	C	25.70	C	20.32	L	27	D	0.28	21.8		
29	06	64	21.5	LA	0003	36	58.3	76	21.5	7		1			*			02.0	C	25.70	C	20.34		*		*	*		
29	06	64	21.5	LA	0003	36	58.3	76	21.5	7		1			*			03.0	C	25.68	C	20.40		*		*	*		
29	06	64	21.5	LA	0003	36	58.3	76	21.5	7		1			*			04.0	C	25.65	C	20.47		*		*	*		
29	06	64	21.5	LA	0003	36	58.3	76	21.5	7		1			*			05.0	C	24.48	C	21.53	L	26	F	0.44	21.8		
29	06	64	21.5	LA	0003	36	58.3	76	21.5	7		1			*			06.0	C	24.38	C	21.61		*		*	*		
29	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	24	34	06			00.0	C	25.62	C	20.29	L	25	D	0.35	22.2		
29	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	24	34	06			02.0	C	25.62	C	20.40		*		*	*		
29	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	24	34	06			03.0	C	25.58	C	20.52		*		*	*		
29	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	24	34	06			04.0	C	24.90	C	21.37		*		*	*		
29	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	24	34	06			05.0	C	24.62	C	21.57	L	22	F	0.50	22.2		
29	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	24	34	06			06.0	C	24.50	C	21.48		*		*	*		
29	06	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			00.0	C	25.48	C	20.50	L	25	D	0.40	22.7		
29	06	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			02.0	C	25.50	C	20.60		*		*	*		
29	06	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			03.0	C	25.22	C	21.12		*		*	*		
29	06	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			04.0	C	25.90	C	20.97		*		*	*		
29	06	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			05.0	C	24.80	C	21.55	L	24	F	0.47	22.7		
29	06	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			06.0	C	24.72	C	21.59		*		*	*		
29	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	24	32	07			00.0	C	25.36	C	20.58	L	24	D	0.46	23.1		
29	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	24	32	07			02.0	C	25.20	C	20.79		*		*	*		
29	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	24	32	07			03.0	C	24.94	C	21.35		*		*	*		
29	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	24	32	07			04.0	C	24.84	C	21.48		*		*	*		
29	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	24	32	07			05.0	C	24.68	C	21.61	L	22	F	0.55	23.1		
29	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	24	32	07			06.0	C	24.66	C	21.62		*		*	*		
29	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			00.0	C	25.26	C	20.78	L	24	D	0.51	23.6		
29	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			02.0	C	25.14	C	20.90		*		*	*		
29	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			03.0	C	24.88	C	21.28		*		*	*		
29	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			04.0	C	24.78	C	21.46		*		*	*		
29	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			05.0	C	24.78	C	21.46	L	22	F	0.38	23.6		
29	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			06.0	C	24.78	C	21.46		*		*	*		
30	06	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	23	19	07			00.0			C	21.25	L	23	D	0.32	00.2		
30	06	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	23	19	07			02.0						*		*	*		
30	06	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	23	19	07			03.0						*		*	*		
30	06	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	23	19	07			04.0						*		*	*		
30	06	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	23	19	07			05.0						*	F	0.47	00.3		
30	06	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	23	19	07			06.0						*		*	*		
30	06	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			00.0	C	24.64	C	21.36	L	22	D	0.35	00.7		
30	06	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			02.0	C	24.64	C	21.37		*		*	*		
30	06	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			03.0	C	24.64	C	21.39		*		*	*		
30	06	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			04.0	C	24.64	C	21.38		*		*	*		
30	06	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			05.0	C	24.64	C	21.39		*		*	*		
30	06	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			06.0	C	24.64	C	21.39		*		*	*		
30	06	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	22	20	06			00.0	C	24.66	C	21.28	L	22	D	0.33	01.1		
30	06	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	22	20	06			02.0	C	24.68	C	21.31		*		*	*		
30	06	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	22	20	06			03.0	C	24.68	C	21.28		*		*	*		
30	06	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	22	20	06			04.0	C	24.68	C	21.33		*		*	*		
30	06	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	22	20	06			05.0	C	24.68	C	21.33	L	13	F	0.15	01.1		
30	06	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	22	20	06			06.0	C	24.68	C	21.35		*		*	*		
30	06	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			00.0	C	24.64	C	21.25	L	23	D	0.00	01.6		
30	06	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			02.0	C	24.66	C	21.26		*		*	*		
30	06	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			03.0	C	24.66	C	21.28		*		*	*		
30	06	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			04.0	C	24.66	C	21.30		*		*	*		
30	06	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			05.0	C	24.64	C	21.32		*	F	0.15	01.6		
30	06	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			06.0	C	24.64	C	21.32		*		*	*		
30	06	64	02.0	LA	0003	36	58.3	76	21.5	*7		5	23	13	05			00.0	C	25.08	C	20.85	L	06	D	0.25	02.1		
30	06	64	02.0	LA	0003	36	58.3	76	21.5	*7		5	23	13	05			02.0	C	25.06	C	20.87		*		*	*		
30	06	64	02.0	LA	0003	36	58.3	76	21.5	*7		5	23	13	05			03.0	C	24.96	C	20.99		*		*	*		
30	06	64	02.0	LA	0003	36	58.3	76	21.5	*7		5	23	13	05			04.0	C	24.90	C	21.02		*		*	*		
30	06	64	02.0	LA	0003	36	58.3	76	21.5	*7		5	23	13	05			05.0	C	24.74	C	21.17	L	14	F	0.15	02.2		
30	06	64	02.0	LA	0003	36	58.3	76	21.5	*7		5	23	13	05			06.0	C	24.64	C	21.32		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
30	06	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			00.0	C	24.78	C	21.13	L	06	D	0.40	02.6		
30	06	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			02.0	C	24.80	C	21.14		*		*	*		
30	06	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			03.0	C	24.78	C	21.16		*		*	*		
30	06	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			04.0	C	24.78	C	21.18		*		*	*		
30	06	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			05.0	C	24.76	C	21.20	L	07	F	0.27	02.7		
30	06	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			06.0	C	24.66	C	21.29		*		*	*		
30	06	64	03.0	LA	0003	36	58.3	76	21.5	*7		6	23	22	04			00.0	C	24.72	R	21.44	L	06	D	0.56	03.2		
30	06	64	03.0	LA	0003	36	58.3	76	21.5	*7		6	23	22	04			02.0	C	24.72	C	21.48		*		*	*		
30	06	64	03.0	LA	0003	36	58.3	76	21.5	*7		6	23	22	04			03.0	C	24.74	C	21.45		*		*	*		
30	06	64	03.0	LA	0003	36	58.3	76	21.5	*7		6	23	22	04			04.0	C	24.74	C	21.48		*		*	*		
30	06	64	03.0	LA	0003	36	58.3	76	21.5	*7		6	23	22	04			05.0	C	24.72	C	21.51	L	08	F	0.50	03.2		
30	06	64	03.0	LA	0003	36	58.3	76	21.5	*7		6	23	22	04			06.0	C	24.72	C	21.52		*		*	*		
30	06	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			00.0	C	24.50	C	21.33	L	06	D	0.63	03.5		
30	06	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			02.0	C	24.50	C	21.34		*		*	*		
30	06	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			03.0	C	24.48	C	21.38		*		*	*		
30	06	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			04.0	C	24.46	C	21.53		*		*	*		
30	06	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			05.0	C	24.44	C	21.56	L	07	F	0.65	03.6		
30	06	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			06.0	C	24.44	C	21.54		*		*	*		
30	06	64	04.0	LA	0003	36	58.3	76	21.5	*7		6	23	23	04			00.0	C	24.54	C	21.23	L	06	D	0.71	04.0		
30	06	64	04.0	LA	0003	36	58.3	76	21.5	*7		6	23	23	04			02.0	C	24.52	C	21.26		*		*	*		
30	06	64	04.0	LA	0003	36	58.3	76	21.5	*7		6	23	23	04			03.0	C	24.50	C	21.29		*		*	*		
30	06	64	04.0	LA	0003	36	58.3	76	21.5	*7		6	23	23	04			04.0	C	24.44	C	21.46		*		*	*		
30	06	64	04.0	LA	0003	36	58.3	76	21.5	*7		6	23	23	04			05.0	C	24.42	C	21.50	L	06	F	0.57	04.2		
30	06	64	04.0	LA	0003	36	58.3	76	21.5	*7		6	23	23	04			06.0	C	24.40	C	21.53		*		*	*		
30	06	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			00.0	C	24.42	C	21.42	L	06	D	0.44	04.5		
30	06	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			02.0	C	24.40	C	21.45		*		*	*		
30	06	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			03.0	C	24.42	C	21.44		*		*	*		
30	06	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			04.0	C	24.42	C	21.45		*		*	*		
30	06	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			05.0	C	24.40	C	21.47	L	07	F	0.50	04.5		
30	06	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			06.0	C	24.40	C	21.48		*		*	*		
30	06	64	05.0	LA	0003	36	58.3	76	21.5	*7		6	22	21	07			00.0	C	24.40	C	21.37	L	06	D	0.53	05.1		
30	06	64	05.0	LA	0003	36	58.3	76	21.5	*7		6	22	21	07			02.0	C	24.40	C	21.39		*		*	*		
30	06	64	05.0	LA	0003	36	58.3	76	21.5	*7		6	22	21	07			03.0	C	24.40	C	21.37		*		*	*		
30	06	64	05.0	LA	0003	36	58.3	76	21.5	*7		6	22	21	07			04.0	C	24.40	C	21.40		*		*	*		
30	06	64	05.0	LA	0003	36	58.3	76	21.5	*7		6	22	21	07			05.0	C	24.42	C	21.38	L	08	F	0.57	05.2		
30	06	64	05.0	LA	0003	36	58.3	76	21.5	*7		6	22	21	07			06.0	C	24.42	C	21.38		*		*	*		
30	06	64	05.5	LA	0003	36	58.3	76	21.5	7		*			*			00.0	C	24.62	C	21.03	L	07	D	0.40	05.5		
30	06	64	05.5	LA	0003	36	58.3	76	21.5	7		*			*			02.0	C	24.62	C	21.01		*		*	*		
30	06	64	05.5	LA	0003	36	58.3	76	21.5	7		*			*			03.0	C	24.62	C	21.03		*		*	*		
30	06	64	05.5	LA	0003	36	58.3	76	21.5	7		*			*			04.0	C	24.64	C	21.02		*		*	*		
30	06	64	05.5	LA	0003	36	58.3	76	21.5	7		*			*			05.0	C	24.58	C	21.07	L	09	F	0.35	05.6		
30	06	64	05.5	LA	0003	36	58.3	76	21.5	7		*			*			06.0	C	24.58	C	21.12		*		*	*		
30	06	64	06.0	LA	0003	36	58.3	76	21.5	7		6	23	1	05	0.8		00.0	C	24.76	C	20.87	L	04	D	0.44	06.3		
30	06	64	06.0	LA	0003	36	58.3	76	21.5	7		6	23	1	05	0.8		02.0	C	24.76	C	20.89		*		*	*		
30	06	64	06.0	LA	0003	36	58.3	76	21.5	7		6	23	1	05	0.8		03.0	C	24.76	C	20.94		*		*	*		
30	06	64	06.0	LA	0003	36	58.3	76	21.5	7		6	23	1	05	0.8		04.0	C	24.78	C	20.90		*		*	*		
30	06	64	06.0	LA	0003	36	58.3	76	21.5	7		6	23	1	05	0.8		05.0	C	24.78	C	20.91	L	07	F	0.35	06.4		
30	06	64	06.0	LA	0003	36	58.3	76	21.5	7		6	23	1	05	0.8		06.0	C	24.78	C	20.91		*		*	*		
30	06	64	06.5	LA	0003	36	58.3	76	21.5	7		7			*			00.0	C	25.18	C	20.52	L	05	D	0.14	06.7		
30	06	64	06.5	LA	0003	36	58.3	76	21.5	7		7			*			02.0	C	25.18	C	20.52		*		*	*		
30	06	64	06.5	LA	0003	36	58.3	76	21.5	7		7			*			03.0	C	25.18	C	20.26		*		*	*		
30	06	64	06.5	LA	0003	36	58.3	76	21.5	7		7			*			04.0	C	25.18	C	20.58		*		*	*		
30	06	64	06.5	LA	0003	36	58.3	76	21.5	7		7			*			05.0	C	25.14	C	20.63	L	00	F	0.00	06.7		
30	06	64	06.5	LA	0003	36	58.3	76	21.5	7		7			*			06.0	C	25.10	C	20.68		*		*	*		
30	06	64	07.0	LA	0003	36	58.3	76	21.5	7		8	26	4	05	1.1		00.0	C	25.20	C	20.46	L	00	D	0.00	07.3		
30	06	64	07.0	LA	0003	36	58.3	76	21.5	7		8	26	4	05	1.1		02.0	C	25.22	C	20.46		*		*	*		
30	06	64	07.0	LA	0003	36	58.3	76	21.5	7		8	26	4	05	1.1		03.0	C	21.18	C	22.50		*		*	*		
30	06	64	07.0	LA	0003	36	58.3	76	21.5	7		8	26	4	05	1.1		04.0	C	25.13	C	21.27		*		*	*		
30	06	64	07.0	LA	0003	36	58.3	76	21.5	7		8	26	4	05	1.1		05.0	C	25.04	C	20.75	L	00	F	0.00	07.3		
30	06	64	07.0	LA	0003	36	58.3	76	21.5	7		8	26	4	05	1.1		06.0	C	24.46	C	20.94		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
30	06	64	07.5	LA	0003	36	58.3	76	21.5	7		8			*			00.0	C	25.22	C	20.43	L	00	D	0.00	07.6		
30	06	64	07.5	LA	0003	36	58.3	76	21.5	7		8			*			02.0	C	25.22	C	20.42		*		*	*		
30	06	64	07.5	LA	0003	36	58.3	76	21.5	7		8			*			03.0	C	25.20	C	20.47		*		*	*		
30	06	64	07.5	LA	0003	36	58.3	76	21.5	7		8			*			04.0	C	25.12	C	19.91		*		*	*		
30	06	64	07.5	LA	0003	36	58.3	76	21.5	7		8			*			05.0	C	24.78	C	21.02	L	00	F	0.00	07.6		
30	06	64	07.5	LA	0003	36	58.3	76	21.5	7		8			*			06.0	C	24.18	C	21.35		*		*	*		
30	06	64	08.0	LA	0003	36	58.3	76	21.5	7		8	24	3	04	1.1		00.0	C	25.24	C	20.40	L	00	D	0.00	08.2		
30	06	64	08.0	LA	0003	36	58.3	76	21.5	7		8	24	3	04	1.1		02.0	C	25.22	C	20.43		*		*	*		
30	06	64	08.0	LA	0003	36	58.3	76	21.5	7		8	24	3	04	1.1		03.0	C	25.14	C	20.55		*		*	*		
30	06	64	08.0	LA	0003	36	58.3	76	21.5	7		8	24	3	04	1.1		04.0	C	24.88	C	20.88		*		*	*		
30	06	64	08.0	LA	0003	36	58.3	76	21.5	7		8	24	3	04	1.1		05.0	C	24.56	C	21.47	L	00	F	0.00	08.1		
30	06	64	08.0	LA	0003	36	58.3	76	21.5	7		8	24	3	04	1.1		06.0	C	24.22	C	21.68		*		*	*		
30	06	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*			00.0	C	25.28	C	20.45	L	00	D	0.00	08.6		
30	06	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*			02.0	C	25.24	C	20.49		*		*	*		
30	06	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*			03.0	C	25.02	C	20.69		*		*	*		
30	06	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*			04.0	C	24.84	C	20.91		*		*	*		
30	06	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*			05.0	C	24.50	C	21.41	L	22	F	0.31	08.6		
30	06	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*			06.0	C	24.34	C	21.80		*		*	*		
30	06	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	27	21	07	1.1		00.0	C	25.30	C	20.48	L	00	D	0.00	09.2		
30	06	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	27	21	07	1.1		02.0	C	25.22	C	20.54		*		*	*		
30	06	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	27	21	07	1.1		03.0	C	25.12	C	20.65		*		*	*		
30	06	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	27	21	07	1.1		04.0	C	24.82	C	20.97		*		*	*		
30	06	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	27	21	07	1.1		05.0	C	24.52	C	21.44	L	09	F	0.35	09.2		
30	06	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	27	21	07	1.1		06.0	C	24.44	C	21.61		*		*	*		
30	06	64	09.5	LA	0003	36	58.3	76	21.5	7		*			*	1.1		00.0	C	25.32	C	20.52	L	06	D	0.16	09.6		
30	06	64	09.5	LA	0003	36	58.3	76	21.5	7		*			*	1.1		02.0	C	25.24	C	20.58		*		*	*		
30	06	64	09.5	LA	0003	36	58.3	76	21.5	7		*			*	1.1		03.0	C	25.10	C	20.67		*		*	*		
30	06	64	09.5	LA	0003	36	58.3	76	21.5	7		*			*	1.1		04.0	C	24.86	C	21.04		*		*	*		
30	06	64	09.5	LA	0003	36	58.3	76	21.5	7		*			*	1.1		05.0	C	24.56	C	21.36	L	08	F	0.36	09.6		
30	06	64	09.5	LA	0003	36	58.3	76	21.5	7		*			*	1.1		06.0	C	24.54	C	21.42		*		*	*		
30	06	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	25	31	10	1.1		00.0	C	25.36	C	20.55	L	03	D	0.18	10.1		
30	06	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	25	31	10	1.1		02.0	C	25.26	C	20.60		*		*	*		
30	06	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	25	31	10	1.1		03.0	C	24.80	C	20.55		*		*	*		
30	06	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	25	31	10	1.1		04.0	C	24.68	C	21.23		*		*	*		
30	06	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	25	31	10	1.1		05.0	C	24.64	C	21.27	L	08	F	0.77	10.1		
30	06	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	25	31	10	1.1		06.0	C	24.64	C	21.22		*		*	*		
30	06	64	11.0	LA	0003	36	58.3	76	21.5	*6		1	32	25	10	1.1		00.0	C	25.44	C	20.64	D	25	D	0.36	*		
30	06	64	11.0	LA	0003	36	58.3	76	21.5	*6		1	32	25	10	1.1		02.0	C	24.98	C	21.00		*		*	*		
30	06	64	11.0	LA	0003	36	58.3	76	21.5	*6		1	32	25	10	1.1		03.0	C	24.74	C	21.19		*		*	*		
30	06	64	11.0	LA	0003	36	58.3	76	21.5	*6		1	32	25	10	1.1		04.0	C	24.60	C	21.36		*		*	*		
30	06	64	11.0	LA	0003	36	58.3	76	21.5	*6		1	32	25	10	1.1		05.0	C	24.36	C	21.69		*		*	*		
30	06	64	11.0	LA	0003	36	58.3	76	21.5	*6		1	32	25	10	1.1		06.0	C	24.14	C	21.93		*		*	*		
30	06	64	11.5	LA	0003	36	58.3	76	21.5	*7		2	33	23	10	1.1		00.0	C	25.32	C	20.81	D	20	D	0.28	*		
30	06	64	11.5	LA	0003	36	58.3	76	21.5	*7		2	33	23	10	1.1		02.0	C	25.00	C	21.03		*		*	*		
30	06	64	11.5	LA	0003	36	58.3	76	21.5	*7		2	33	23	10	1.1		03.0	C	24.64	C	21.29		*		*	*		
30	06	64	11.5	LA	0003	36	58.3	76	21.5	*7		2	33	23	10	1.1		04.0	C	24.32	C	21.60		*		*	*		
30	06	64	11.5	LA	0003	36	58.3	76	21.5	*7		2	33	23	10	1.1		05.0	C	24.22	C	21.86		*		*	*		
30	06	64	11.5	LA	0003	36	58.3	76	21.5	*7		2	33	23	10	1.1		06.0	C	24.00	C	22.13		*		*	*		
30	06	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	05	2.0		00.0	C	25.12	C	21.03	L	26	D	0.43	12.2		
30	06	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	05	2.0		02.0	C	24.74	C	21.14		*		*	*		
30	06	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	05	2.0		03.0	C	24.30	C	21.61		*		*	*		
30	06	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	05	2.0		04.0	C	24.24	C	21.67		*		*	*		
30	06	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	05	2.0		05.0	C	24.14	C	21.77		*		*	*		
30	06	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	05	2.0		06.0	C	24.06	C	21.88		*		*	*		
30	06	64	12.5	LA	0003	36	58.3	76	21.5	7		3			*			00.0	C	25.08	C	21.07	L	24	D	0.32	12.5		
30	06	64	12.5	LA	0003	36	58.3	76	21.5	7		3			*			02.0	C	24.56	C	21.39		*		*	*		
30	06	64	12.5	LA	0003	36	58.3	76	21.5	7		3			*			03.0	C	24.30	C	21.58		*		*	*		
30	06	64	12.5	LA	0003	36	58.3	76	21.5	7		3			*			04.0	C	24.24	C	21.63		*		*	*		
30	06	64	12.5	LA	0003	36	58.3	76	21.5	7		3			*			05.0	C	24.20	C	21.72		*		*	*		
30	06	64	12.5	LA	0003	36	58.3	76	21.5	7		3			*			06.0	C	24.10	C	21.82		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
30	06	64	13.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	04	1.8		00.0	C	25.12	C	21.10	L	24	D	0.24	13.1		
30	06	64	13.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	04	1.8		02.0	C	24.76	C	21.24		*		*	*		
30	06	64	13.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	04	1.8		03.0	C	24.40	C	21.48		*		*	*		
30	06	64	13.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	04	1.8		04.0	C	24.36	C	21.54		*		*	*		
30	06	64	13.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	04	1.8		05.0	C	24.32	C	21.59	L	05	D	0.00	13.1		
30	06	64	13.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	04	1.8		06.0	C	24.18	C	21.72		*		*	*		
30	06	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			00.0	C	25.32	C	21.16	L	22	D	0.22	13.7		
30	06	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			02.0	C	25.02	C	20.58		*		*	*		
30	06	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			03.0	C	24.52	C	20.35		*		*	*		
30	06	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			04.0	C	24.44	C	21.50		*		*	*		
30	06	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			05.0	C	24.26	C	21.65	L	04	F	0.00	13.7		
30	06	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			06.0	C	23.88	C	21.74		*		*	*		
30	06	64	14.0	LA	0003	36	58.3	76	21.5	*7		4	33	21	04	1.8		00.0	C	25.26	C	21.27	L	28	D	0.00	14.2		
30	06	64	14.0	LA	0003	36	58.3	76	21.5	*7		4	33	21	04	1.8		02.0	C	24.90	C	21.32		*		*	*		
30	06	64	14.0	LA	0003	36	58.3	76	21.5	*7		4	33	21	04	1.8		03.0	C	24.62	C	21.40		*		*	*		
30	06	64	14.0	LA	0003	36	58.3	76	21.5	*7		4	33	21	04	1.8		04.0	C	24.54	C	21.52		*		*	*		
30	06	64	14.0	LA	0003	36	58.3	76	21.5	*7		4	33	21	04	1.8		05.0	C	24.44	C	21.51	L	08	F	0.00	14.2		
30	06	64	14.0	LA	0003	36	58.3	76	21.5	*7		4	33	21	04	1.8		06.0	C	24.16	C	21.75		*		*	*		
30	06	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			00.0	C	25.44	C	21.31	L	02	D	0.09	14.6		
30	06	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			02.0	C	24.88	C	21.36		*		*	*		
30	06	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			03.0	C	24.58	C	21.39		*		*	*		
30	06	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			04.0	C	24.52	C	21.44		*		*	*		
30	06	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			05.0	C	24.50	C	21.47	L	09	F	0.15	14.6		
30	06	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			06.0	C	24.30	C	21.62		*		*	*		
30	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	33	23	03	2.0		00.0	C	25.50	C	21.27	L	04	D	0.14	15.3		
30	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	33	23	03	2.0		02.0	C	24.92	C	21.32		*		*	15.3		
30	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	33	23	03	2.0		03.0	C	24.90	C	20.93		*		*	15.3		
30	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	33	23	03	2.0		04.0	C	24.76	C	21.37		*		*	15.3		
30	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	33	23	03	2.0		05.0	C	24.50	C	21.51	L	10	F	0.14	15.3		
30	06	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	33	23	03	2.0		06.0	C	24.24	C	21.70		*		*	*		
30	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			00.0	C	25.58	C	21.24	L	05	D	0.27	15.6		
30	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			02.0	C	25.18	C	21.30		*		*	*		
30	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			03.0	C	24.98	C	21.30		*		*	*		
30	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			04.0	C	24.66	C	21.44		*		*	*		
30	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			05.0	C	24.50	C	21.52	L	10	F	0.14	15.6		
30	06	64	15.5	LA	0003	36	58.3	76	21.5	7		5			*			06.0	C	24.38	C	21.60		*		*	*		
30	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		6	32	21	03	2.1		00.0	C	25.90	C	21.20	L	04	D	0.50	16.1		
30	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		6	32	21	03	2.1		02.0	C	25.50	C	21.33		*		*	*		
30	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		6	32	21	03	2.1		03.0	C	24.82	C	21.41		*		*	*		
30	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		6	32	21	03	2.1		04.0	C	24.68	C	21.48		*		*	*		
30	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		6	32	21	03	2.1		05.0	C	24.56	C	21.54	L	07	F	0.31	16.2		
30	06	64	16.0	LA	0003	36	58.3	76	21.5	*7		6	32	21	03	2.1		06.0	C	24.56	C	21.54		*		*	*		
30	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			00.0	C	25.60	C	21.06	L	05	D	0.56	16.6		
30	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			02.0	C	25.38	C	21.10		*		*	*		
30	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			03.0	C	25.14	C	21.18	L	07	F	0.27	16.7		
30	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			04.0	C	24.94	C	21.36		*		*	*		
30	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			05.0	C	24.86	C	21.38		*		*	*		
30	06	64	16.5	LA	0003	36	58.3	76	21.5	7		6			*			06.0	C	24.76	C	21.45		*		*	*		
30	06	64	17.0	LA	0003	36	58.3	76	21.5	7		6	32		*	1.8		00.0	C	26.00	C	20.42		*	D	0.71	*		
30	06	64	17.0	LA	0003	36	58.3	76	21.5	7		6	32		*	1.8		02.0	C	25.26	C	21.08		*		*	*		
30	06	64	17.0	LA	0003	36	58.3	76	21.5	7		6	32		*	1.8		03.0	C	24.86	C	21.31		*		*	*		
30	06	64	17.0	LA	0003	36	58.3	76	21.5	7		6	32		*	1.8		04.0	C	24.76	C	21.38		*		*	*		
30	06	64	17.0	LA	0003	36	58.3	76	21.5	7		6	32		*	1.8		05.0	C	24.64	C	21.48		*		*	*		
30	06	64	17.0	LA	0003	36	58.3	76	21.5	7		6	32		*	1.8		06.0	C	24.64	C	21.49		*		*	*		
30	06	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			00.0	C	25.64	C	20.36	L	05	D	0.78	17.6		
30	06	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			02.0	C	25.38	C	20.62		*		*	*		
30	06	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			03.0	C	25.20	C	20.93	L	08	F	0.35	17.7		
30	06	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			04.0	C	24.86	C	21.33		*		*	*		
30	06	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			05.0	C	24.78	C	21.41		*		*	*		
30	06	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			06.0	C	24.72	C	21.48		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
30	06	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	29	19	08			00.0	C	25.30	C	20.75	L	01	D	0.51	18.3		
30	06	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	29	19	08			02.0	C	25.06	C	21.02		*		*	*		
30	06	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	29	19	08			03.0	C	25.00	C	21.09		*		*	*		
30	06	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	29	19	08			04.0	C	24.84	C	21.26		*		*	*		
30	06	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	29	19	08			05.0	C	24.72	C	21.38	L	00	F	0.00	18.3		
30	06	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	29	19	08			06.0	C	24.26	C	21.81		*		*	*		
30	06	64	18.5	LA	0003	36	58.3	76	21.5	7		*			*			00.0	C	25.14	C	20.92	L	04	D	0.27	18.8		
30	06	64	18.5	LA	0003	36	58.3	76	21.5	7		*			*			02.0	C	25.14	C	20.94		*		*	*		
30	06	64	18.5	LA	0003	36	58.3	76	21.5	7		*			*			03.0	C	25.08	C	21.00		*		*	*		
30	06	64	18.5	LA	0003	36	58.3	76	21.5	7		*			*			04.0	C	24.90	C	21.21		*		*	*		
30	06	64	18.5	LA	0003	36	58.3	76	21.5	7		*			*			05.0	C	24.30	C	21.79	L	00	F	0.00	18.8		
30	06	64	18.5	LA	0003	36	58.3	76	21.5	7		*			*			06.0	C	24.02	C	22.03		*		*	*		
30	06	64	19.0	LA	0003	36	58.3	76	21.5	*7		7	29	19	06			00.0	C	25.26	C	20.76	L	05	D	0.12	19.4		
30	06	64	19.0	LA	0003	36	58.3	76	21.5	*7		7	29	19	06			02.0	C	25.26	C	20.78		*		*	*		
30	06	64	19.0	LA	0003	36	58.3	76	21.5	*7		7	29	19	06			03.0	C	25.14	C	20.96		*		*	*		
30	06	64	19.0	LA	0003	36	58.3	76	21.5	*7		7	29	19	06			04.0	C	24.42	C	21.60		*		*	*		
30	06	64	19.0	LA	0003	36	58.3	76	21.5	*7		7	29	19	06			05.0	C	24.32	C	21.76	L	00	F	0.00	19.4		
30	06	64	19.0	LA	0003	36	58.3	76	21.5	*7		7	29	19	06			06.0	C	24.24	C	21.83		*		*	*		
30	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			00.0	C	25.30	C	20.68	L	06	D	0.12	*		
30	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			02.0	C	25.26	C	20.82		*		*	*		
30	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			03.0	C	25.04	C	21.06		*		*	*		
30	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			04.0	C	24.88	C	21.21		*		*	*		
30	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			05.0	C	24.56	C	21.54	L	00	F	0.00	*		
30	06	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			06.0	C	24.22	C	21.84		*		*	*		
30	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	28	21	04			00.0	C	25.28	C	20.71	L	00	D	0.00	20.2		
30	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	28	21	04			02.0	C	24.86	C	21.25		*		*	*		
30	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	28	21	04			03.0	C	24.60	C	21.45		*		*	*		
30	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	28	21	04			04.0	C	24.32	C	21.74		*		*	*		
30	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	28	21	04			05.0	C	24.32	C	21.74	L	23	F	0.22	20.2		
30	06	64	20.0	LA	0003	36	58.3	76	21.5	*7		8	28	21	04			06.0	C	24.20	C	21.85		*		*	*		
30	06	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			00.0	C	25.24	C	20.88	L	21	D	0.09	20.7		
30	06	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			02.0	C	25.04	C	21.19		*		*	*		
30	06	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			03.0	C	24.70	C	21.43		*		*	*		
30	06	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			04.0	C	24.62	C	21.49		*		*	*		
30	06	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			05.0	C	24.22	C	21.84	L	20	F	0.35	20.6		
30	06	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			06.0	C	24.10	C	21.96		*		*	*		
30	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	28	17	04	,		00.0	C	25.04	C	21.15		*		*	*		
30	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	28	17	04	,		02.0	C	25.02	C	21.16	U	01	U	0.49	21.2		
30	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	28	17	04	,		03.0	C	24.98	C	21.18	U	01	U	0.50	21.2		
30	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	28	17	04	,		04.0	C	24.74	C	21.37	U	01	U	0.50	21.2		
30	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	28	17	04	,		05.0	C	24.58	C	21.54	U	00	U	0.32	21.2		
30	06	64	21.0	LA	0003	36	58.3	76	21.5	*7		1	28	17	04	,		06.0	C	24.32	C	21.74		*		*	*		
30	06	64	21.5	LA	0003	36	58.3	76	21.5	7		2			*			00.0	C	25.04	C	20.92		*		*	*		
30	06	64	21.5	LA	0003	36	58.3	76	21.5	7		2			*			02.0	C	24.98	C	21.01	L	06	U	0.70	21.7		
30	06	64	21.5	LA	0003	36	58.3	76	21.5	7		2			*			03.0	C	24.86	C	21.15	L	06	U	0.68	21.7		
30	06	64	21.5	LA	0003	36	58.3	76	21.5	7		2			*			04.0	C	24.64	C	21.43	L	06	U	0.58	21.7		
30	06	64	21.5	LA	0003	36	58.3	76	21.5	7		2			*			05.0	C	24.60	C	21.47	L	06	U	0.40	21.7		
30	06	64	21.5	LA	0003	36	58.3	76	21.5	7		2			*			06.0	C	24.60	C	21.48		*		*	*		
30	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		2	29	23	06	,		00.0	C	25.20	C	20.60	L	25	D	0.27	22.1		
30	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		2	29	23	06	,		02.0	C	25.08	C	20.78		*	U	0.40	22.3		
30	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		2	29	23	06	,		03.0	C	24.82	C	21.11		*	U	0.45	22.3		
30	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		2	29	23	06	,		04.0	C	24.70	C	21.31		*	U	0.45	22.3		
30	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		2	29	23	06	,		05.0	C	24.68	C	21.38		*	U	0.40	22.3		
30	06	64	22.0	LA	0003	36	58.3	76	21.5	*7		2	29	23	06	,		06.0	C	24.64	C	21.39		*		*	*		
30	06	64	22.5	LA	0003	36	58.3	76	21.5	7		*			*			00.0	C	25.20	C	20.58	L	28	D	0.25	*		
30	06	64	22.5	LA	0003	36	58.3	76	21.5	7		*			*			02.0	C	25.14	C	20.79		*	U	0.48	*		
30	06	64	22.5	LA	0003	36	58.3	76	21.5	7		*			*			03.0	C	24.62	C	21.54		*	U	0.50	*		
30	06	64	22.5	LA	0003	36	58.3	76	21.5	7		6			*			04.0	C	24.00	C	22.23		*	U	0.48	*		
30	06	64	22.5	LA	0003	36	58.3	76	21.5	7		*			*			05.0	C	23.74	C	22.36		*	U	0.30	*		
30	06	64	22.5	LA	0003	36	58.3	76	21.5	7		*			*			06.0	C	23.70	C	22.40		*		*	*		

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
30	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	27	29	07	,		00.0	C	25.32	C	20.54	L	22	D	0.60	23.0		
30	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	27	29	07	,		02.0	C	25.32	C	20.68		*	U	0.60	23.3		
30	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	27	29	07	,		03.0	C	25.30	C	20.92		*	U	0.60	23.3		
30	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	27	29	07	,		04.0	C	25.22	C	20.99		*	U	0.60	23.3		
30	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	27	29	07	,		05.0	C	24.10	C	22.13		*	U	0.45	23.3		
30	06	64	23.0	LA	0003	36	58.3	76	21.5	*7		2	27	29	07	,		06.0	C	23.52	C	22.66		*		*	*		
30	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			00.0	C	25.30	C	20.59	L	27	D	0.37	*		
30	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			02.0	C	25.22	C	20.91		*	U	0.65	*		
30	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			03.0	C	24.58	C	21.73		*	U	0.65	*		
30	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			04.0	C	24.16	C	22.14		*	U	0.48	*		
30	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			05.0	C	23.96	C	22.32		*	U	0.40	*		
30	06	64	23.5	LA	0003	36	58.3	76	21.5	7		3			*			06.0	C	23.96	C	22.33		*		*	*		
01	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	04			00.0	C	25.26	C	20.87	L	22	D	0.42	00.4		
01	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	04			02.0	C	25.26	C	20.98	U	22	U	0.11	00.4		
01	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	04			03.0	C	24.88	C	21.53	U	22	U	0.75	00.4		
01	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	04			04.0	C	24.68	C	21.76	U	22	U	0.55	00.4		
01	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	04			05.0	C	24.36	C	22.10	U	22	U	0.20	00.4		
01	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	04			06.0	C	24.22	C	22.23	U	22		*	*		
01	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			00.0	C	25.10	C	20.78	L	22	D	0.32	00.7		
01	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			02.0	C	25.06	C	20.89		*	U	0.65	00.8		
01	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			03.0	C	24.72	C	21.37		*	U	0.45	00.8		
01	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			04.0	C	24.58	C	21.58		*	U	0.33	00.8		
01	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			05.0	C	24.46	C	21.74		*	U	0.87	00.8		
01	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			06.0	C	23.98	C	22.27		*		*	00.8		
01	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	05			00.0	C	25.26	C	20.56	L	22	D	0.40	01.1		
01	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	05			02.0	C	25.12	C	20.81		*	U	0.34	01.2		
01	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	05			03.0	C	25.04	C	20.96		*	U	0.22	01.2		
01	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	05			04.0	C	24.86	C	21.26		*	U	0.00	01.2		
01	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	05			05.0	C	24.36	C	21.86		*	U	0.00	01.2		
01	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	26	21	05			06.0	C	23.80	C	22.47		*		*	*		
01	07	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			00.0	C	24.78	C	21.08	L	21	D	0.24	01.8		
01	07	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			02.0	C	24.82	C	21.28		*	U	0.25	01.6		
01	07	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			03.0	C	24.80	C	21.30		*	U	0.25	01.6		
01	07	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			04.0	C	24.78	C	21.34		*	U	0.24	01.6		
01	07	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			05.0	C	24.70	C	21.45		*	U	0.28	01.6		
01	07	64	01.5	LA	0003	36	58.3	76	21.5	7		4			*			06.0	C	24.52	C	21.72		*		*	*		
01	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		4	24	22	06			00.0	C	24.72	C	21.19	L	19	D	0.00	02.3		
01	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		4	24	22	06			02.0	C	24.76	C	21.11		*	U	0.03	02.2		
01	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		4	24	22	06			03.0	C	24.68	C	21.32		*	U	0.00	02.2		
01	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		4	24	22	06			04.0	C	24.66	C	21.36		*	U	0.00	02.2		
01	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		4	24	22	06			05.0	C	24.66	C	21.36		*	U	0.00	02.2		
01	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		4	24	22	06			06.0	C	24.64	C	21.38		*		*	*		
01	07	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			00.0	C	25.04	C	20.88	L	09	D	0.27	02.7		
01	07	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			02.0	C	24.76	C	21.25		*		*	*		
01	07	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			03.0	C	24.64	C	21.38		*		*	*		
01	07	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			04.0	C	24.56	C	21.50		*		*	*		
01	07	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			05.0	C	24.56	C	21.50		*		*	*		
01	07	64	02.5	LA	0003	36	58.3	76	21.5	7		5			*			06.0	C	24.54	C	21.52		*		*	*		
01	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		5	25	23	06			00.0	C	25.06	C	20.69	L	09	D	0.28	03.1		
01	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		5	25	23	06			02.0	C	24.98	C	20.98		*	U	0.18	03.2		
01	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		5	25	23	06			03.0	C	24.84	C	21.16		*	U	0.20	03.2		
01	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		5	25	23	06			04.0	C	24.62	C	21.45		*	U	0.25	03.2		
01	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		5	25	23	06			05.0	C	24.60	C	21.46		*	U	0.30	03.2		
01	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		5	25	23	06			06.0	C	24.48	C	21.63		*		*	*		
01	07	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			00.0	C	24.98	C	20.84	L	06	D	0.35	03.6		
01	07	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			02.0	C	25.02	C	20.92		*	U	0.30	03.6		
01	07	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			03.0	C	25.00	C	21.10		*	U	0.31	03.6		
01	07	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			04.0	C	24.92	C	21.18		*	U	0.38	03.6		
01	07	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			05.0	C	24.68	C	21.49		*	U	0.30	03.5		
01	07	64	03.5	LA	0003	36	58.3	76	21.5	7		6			*			06.0	C	24.42	C	21.78		*		*	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
01	07	64	04.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	05		00.0	C	24.66	C	21.25	L	05	D	0.61	04.2
01	07	64	04.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	05		02.0	C	24.58	C	21.37		*	U	0.50	04.1
01	07	64	04.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	05		03.0	C	24.50	C	21.59		*	U	0.50	04.1
01	07	64	04.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	05		04.0	C	24.48	C	21.63		*	U	0.38	04.1
01	07	64	04.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	05		05.0	C	24.46	C	21.65		*	U	0.30	04.1
01	07	64	04.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	05		06.0	C	24.46	C	21.68		*		*	*
01	07	64	04.5	LA	0003	36	58.3	76	21.5	7	*			*		00.0	C	24.54	C	21.28	L	07	D	0.76	04.5
01	07	64	04.5	LA	0003	36	58.3	76	21.5	7	*			*		02.0	C	24.52	C	21.31		*	U	0.51	04.6
01	07	64	04.5	LA	0003	36	58.3	76	21.5	7	*			*		03.0	C	24.50	C	21.37		*	U	0.51	04.6
01	07	64	04.5	LA	0003	36	58.3	76	21.5	7	*			*		04.0	C	24.38	C	21.59		*	U	0.38	04.6
01	07	64	04.5	LA	0003	36	58.3	76	21.5	7	*			*		05.0	C	24.36	C	21.65		*	U	0.25	04.6
01	07	64	04.5	LA	0003	36	58.3	76	21.5	7	*			*		06.0	C	24.32	C	21.69		*		*	*
01	07	64	05.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	06		00.0	C	24.72	C	20.94	L	06	D	0.57	*
01	07	64	05.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	06		02.0	C	24.64	C	21.23		*	U	0.46	05.2
01	07	64	05.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	06		03.0	C	24.58	C	21.25		*	U	0.47	05.2
01	07	64	05.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	06		04.0	C	24.52	C	21.42		*	U	0.41	05.2
01	07	64	05.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	06		05.0	C	24.48	C	21.48		*	U	0.25	05.2
01	07	64	05.0	LA	0003	36	58.3	76	21.5	*7	6	24	22	06		06.0	C	24.46	C	21.50		*		*	*
01	07	64	05.5	LA	0003	36	58.3	76	21.5	7	7			*		00.0	C	24.58	C	21.02	L	05	D	0.44	05.7
01	07	64	05.5	LA	0003	36	58.3	76	21.5	7	7			*		02.0	C	24.58	C	21.02		*	U	0.40	05.6
01	07	64	05.5	LA	0003	36	58.3	76	21.5	7	7			*		03.0	C	24.58	C	20.87		*	U	0.40	05.6
01	07	64	05.5	LA	0003	36	58.3	76	21.5	7	7			*		04.0	C	24.58	C	21.05		*	U	0.35	05.6
01	07	64	05.5	LA	0003	36	58.3	76	21.5	7	7			*		05.0	C	24.58	C	21.07		*	U	0.28	05.6
01	07	64	05.5	LA	0003	36	58.3	76	21.5	7	7			*		06.0	C	24.58	C	21.07		*		*	*
01	07	64	06.0	LA	0003	36	58.3	76	21.5	*7	6	25	19	07	1.3	00.0	C	24.58	C	20.90		*	U	0.35	06.2
01	07	64	06.0	LA	0003	36	58.3	76	21.5	*7	6	25	19	07	1.3	02.0	C	24.58	C	20.93		*	U	0.22	06.2
01	07	64	06.0	LA	0003	36	58.3	76	21.5	*7	6	25	19	07	1.3	03.0	C	24.56	C	20.98		*	U	0.05	06.2
01	07	64	06.0	LA	0003	36	58.3	76	21.5	*7	6	25	19	07	1.3	04.0	C	24.50	C	21.09		*	U	0.00	06.2
01	07	64	06.0	LA	0003	36	58.3	76	21.5	*7	6	25	19	07	1.3	05.0	C	23.84	C	22.31		*	U	0.00	06.2
01	07	64	06.0	LA	0003	36	58.3	76	21.5	*7	6	25	19	07	1.3	06.0	C	23.78	C	22.38		*		*	*
01	07	64	06.5	LA	0003	36	58.3	76	21.5	7	8			*		00.0	C	24.76	C	20.52	L	04	U	0.07	06.6
01	07	64	06.5	LA	0003	36	58.3	76	21.5	7	8			*		02.0	C	24.74	C	20.54	U	09	U	0.10	06.6
01	07	64	06.5	LA	0003	36	58.3	76	21.5	7	8			*		03.0	C	24.40	C	21.47		*		*	06.6
01	07	64	06.5	LA	0003	36	58.3	76	21.5	7	8			*		04.0	C	23.96	C	21.97	U	09	U	0.00	06.6
01	07	64	06.5	LA	0003	36	58.3	76	21.5	7	8			*		05.0	C	23.84	C	22.28	U	09	U	0.07	06.6
01	07	64	06.5	LA	0003	36	58.3	76	21.5	7	8			*		06.0	C	23.80	C	22.34		*		*	*
01	07	64	07.0	LA	0003	36	58.3	76	21.5	*7	8	27	23	05	1.2	00.0	C	24.82	R	20.54	L	05	D	0.17	07.1
01	07	64	07.0	LA	0003	36	58.3	76	21.5	*7	8	27	23	05	1.2	02.0	C	24.92	C	20.54	U	09	U	0.05	07.1
01	07	64	07.0	LA	0003	36	58.3	76	21.5	*7	8	27	23	05	1.2	03.0	C	24.40	C	19.91	U	08	U	0.00	07.1
01	07	64	07.0	LA	0003	36	58.3	76	21.5	*7	8	27	23	05	1.2	04.0	C	24.26	C	20.31	U	08	U	0.00	07.1
01	07	64	07.0	LA	0003	36	58.3	76	21.5	*7	8	27	23	05	1.2	05.0	C	23.54	C	21.08	U	08	U	0.00	07.1
01	07	64	07.0	LA	0003	36	58.3	76	21.5	*7	8	27	23	05	1.2	06.0	C	23.88	C	20.96		*		*	*
01	07	64	08.5	LA	0003	36	58.3	76	21.5	7	8			*		00.0	C	24.88	C	20.51	U	02	U	0.00	08.7
01	07	64	08.5	LA	0003	36	58.3	76	21.5	7	8			*		02.0	C	24.76	C	20.64	V	03	U	0.00	08.6
01	07	64	08.5	LA	0003	36	58.3	76	21.5	7	8			*		03.0	C	24.64	C	21.05	U	03	U	0.15	08.6
01	07	64	08.5	LA	0003	36	58.3	76	21.5	7	8			*		04.0	C	24.42	C	21.24	U	04	U	0.00	08.6
01	07	64	08.5	LA	0003	36	58.3	76	21.5	7	8			*		05.0	C	23.92	C	22.14	U	04	U	0.05	08.6
01	07	64	08.5	LA	0003	36	58.3	76	21.5	7	8			*		06.0	C	23.58	C	22.59		*		*	*
01	07	64	09.0	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.6	00.0	C	24.96	C	20.51	U	05	U	0.07	09.2
01	07	64	09.0	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.6	02.0	C	24.84	C	20.71	U	04	U	0.20	09.2
01	07	64	09.0	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.6	03.0	C	24.70	C	21.01	U	04	U	0.34	09.2
01	07	64	09.0	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.6	04.0	C	24.59	C	21.12	U	04	U	0.31	09.2
01	07	64	09.0	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.6	05.0	C	24.42	C	21.27	U	04	U	0.17	09.2
01	07	64	09.0	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.6	06.0	C	24.12	C	22.79		*		*	*
01	07	64	09.5	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.2	00.0	C	24.98	C	20.87	L	22	D	0.16	09.7
01	07	64	09.5	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.2	02.0	C	24.80	C	21.07	U	28	U	0.35	09.8
01	07	64	09.5	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.2	03.0	C	24.62	C	21.13	U	28	U	0.45	09.8
01	07	64	09.5	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.2	04.0	C	24.46	C	21.32	U	24	U	0.38	09.8
01	07	64	09.5	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.2	05.0	C	24.42	C	21.36	U	23	U	0.25	09.8
01	07	64	09.5	LA	0003	36	58.3	76	21.5	*7	1	28	22	05	1.2	06.0	C	24.38	C	21.43		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
01	07	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	30	22	06	1.3		00.0	C	25.02	C	20.67	L	23	D	0.51	10.2		
01	07	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	30	22	06	1.3		02.0	C	24.54	C	20.99	U	27	U	0.43	10.1		
01	07	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	30	22	06	1.3		03.0	C	24.50	C	21.06	U	27	U	0.35	10.1		
01	07	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	30	22	06	1.3		04.0	C	24.36	C	21.24	U	23	U	0.28	10.1		
01	07	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	30	22	06	1.3		05.0	C	24.30	C	21.41	U	23	U	0.22	10.1		
01	07	64	10.0	LA	0003	36	58.3	76	21.5	*7		1	30	22	06	1.3		06.0	C	24.30	C	21.46		*		*	*		
01	07	64	10.5	LA	0003	36	58.3	76	21.5	7		1			*			00.0	C	24.96	C	20.66	L	26	D	0.28	10.7		
01	07	64	10.5	LA	0003	36	58.3	76	21.5	7		1			*			02.0	C	24.68	C	20.76	U	28	U	0.42	10.7		
01	07	64	10.5	LA	0003	36	58.3	76	21.5	7		1			*			03.0	C	24.52	C	21.04	U	24	U	0.31	10.7		
01	07	64	10.5	LA	0003	36	58.3	76	21.5	7		1			*			04.0	C	24.40	C	21.26	U	24	U	0.30	10.7		
01	07	64	10.5	LA	0003	36	58.3	76	21.5	7		1			*			05.0	C	24.38	C	21.22	U	24	U	0.25	10.7		
01	07	64	10.5	LA	0003	36	58.3	76	21.5	7		1			*			06.0	C	24.36	C	21.34		*		*	*		
01	07	64	11.0	LA	0003	36	58.3	76	21.5	*7		2	33	20	03	1.2		00.0	C	25.38	C	20.52	L	23	D	0.29	11.3		
01	07	64	11.0	LA	0003	36	58.3	76	21.5	*7		2	33	20	03	1.2		02.0	C	24.54	C	21.11	U	25	U	0.50	11.2		
01	07	64	11.0	LA	0003	36	58.3	76	21.5	*7		2	33	20	03	1.2		03.0	C	24.44	C	21.28	U	24	U	0.51	11.2		
01	07	64	11.0	LA	0003	36	58.3	76	21.5	*7		2	33	20	03	1.2		04.0	C	24.26	C	21.55	U	23	U	0.37	11.2		
01	07	64	11.0	LA	0003	36	58.3	76	21.5	*7		2	33	20	03	1.2		05.0	C	23.78	C	22.24	U	23	U	0.22	11.2		
01	07	64	11.0	LA	0003	36	58.3	76	21.5	*7		2	33	20	03	1.2		06.0	C	23.63	C	22.42		*		*	*		
01	07	64	11.5	LA	0003	36	58.3	76	21.5	7		3			*			00.0	C	25.44	C	20.43	L	25	D	0.34	11.7		
01	07	64	11.5	LA	0003	36	58.3	76	21.5	7		3			*			02.0	C	24.68	C	20.90	U	26	U	0.52	11.6		
01	07	64	11.5	LA	0003	36	58.3	76	21.5	7		3			*			03.0	C	24.62	C	21.02	U	24	U	0.52	11.6		
01	07	64	11.5	LA	0003	36	58.3	76	21.5	7		3			*			04.0	C	24.22	C	21.59	U	22	U	0.49	11.6		
01	07	64	11.5	LA	0003	36	58.3	76	21.5	7		3			*			05.0	C	24.10	C	21.76	U	23	U	0.32	11.6		
01	07	64	11.5	LA	0003	36	58.3	76	21.5	7		3			*			06.0	C	24.02	C	21.87		*		*	*		
01	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	34	23	02	1.6		00.0	C	25.22	C	20.79	L	23	D	0.54	12.3		
01	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	34	23	02	1.6		02.0	C	24.70	C	21.07	U	25	U	0.60	12.2		
01	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	34	23	02	1.6		03.0	C	24.36	C	21.53	U	25	U	0.38	12.2		
01	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	34	23	02	1.6		04.0	C	24.28	C	21.69	U	25	U	0.36	12.2		
01	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	34	23	02	1.6		05.0	C	24.20	C	21.81	U	23	U	0.27	12.2		
01	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		2	34	23	02	1.6		06.0	C	24.16	C	21.83		*		*	*		
01	07	64	12.5	LA	0003	36	58.3	76	21.5	7		2			*			00.0	C	25.36	C	20.72	L	22	D	0.61	12.6		
01	07	64	12.5	LA	0003	36	58.3	76	21.5	7		2			*			02.0	C	24.84	C	21.19	U	25	U	0.56	12.5		
01	07	64	12.5	LA	0003	36	58.3	76	21.5	7		2			*			03.0	C	24.66	C	21.34	U	24	U	0.45	12.5		
01	07	64	12.5	LA	0003	36	58.3	76	21.5	7		2			*			04.0	C	24.46	C	21.50	U	23	U	0.38	12.5		
01	07	64	12.5	LA	0003	36	58.3	76	21.5	7		2			*			05.0	C	24.42	C	21.57	U	23	1	0.25	12.5		
01	07	64	12.5	LA	0003	36	58.3	76	21.5	7		2			*			06.0	C	24.32	C	21.68		*		*	*		
01	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	03	1.6		00.0	C	25.42	C	21.15	L	22	D	0.49	13.2		
01	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	03	1.6		02.0	C	24.82	C	21.41	U	24	U	0.60	13.1		
01	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	03	1.6		03.0	C	24.80	C	21.41	U	23	U	0.50	13.1		
01	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	03	1.6		04.0	C	24.70	C	21.45	U	23	U	0.45	13.1		
01	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	03	1.6		05.0	C	24.54	C	21.55	U	23	U	0.30	13.1		
01	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	32	23	03	1.6		06.0	C	24.00	C	22.13		*		*	*		
01	07	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			00.0	C	24.94	C	21.34	L	22	D	0.58	13.6		
01	07	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			02.0	C	24.76	C	21.43	U	23	U	0.50	13.5		
01	07	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			03.0	C	24.76	C	21.43	U	21	U	0.40	13.5		
01	07	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			04.0	C	24.74	C	21.46	U	21	U	0.40	13.5		
01	07	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			05.0	C	24.72	C	21.46	U	21	U	0.30	13.5		
01	07	64	13.5	LA	0003	36	58.3	76	21.5	7		*			*			06.0	C	24.72	C	21.49		*		*	*		
01	07	64	14.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	03	1.8		00.0	C	24.94	C	21.02	L	21	D	0.41	14.0		
01	07	64	14.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	03	1.8		02.0	C	24.84	C	21.38	U	22	U	0.38	14.2		
01	07	64	14.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	03	1.8		03.0	C	24.80	C	21.39	U	22	U	0.30	14.2		
01	07	64	14.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	03	1.8		04.0	C	24.76	C	21.40	U	22	U	0.25	14.2		
01	07	64	14.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	03	1.8		05.0	C	24.76	C	21.40	U	22	U	0.25	14.2		
01	07	64	14.0	LA	0003	36	58.3	76	21.5	*7		3	33	23	03	1.8		06.0	C	24.74	C	21.41		*		*	*		
01	07	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			00.0	C	24.96	C	21.34	L	21	D	0.31	14.6		
01	07	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			02.0	C	24.90	C	21.31	U	21	U	0.23	14.7		
01	07	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			03.0	C	24.90	C	21.31	U	21	U	0.19	14.7		
01	07	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			04.0	C	24.90	C	21.31	U	22	U	0.15	14.7		
01	07	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			05.0	C	24.88	C	21.36	U	21	U	0.15	14.7		
01	07	64	14.5	LA	0003	36	58.3	76	21.5	7		4			*			06.0	C	24.88	C	21.36		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
01	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	30	21	03	1.8		00.0	C	25.16	C	20.98	L	17	D	0.10	15.1		
01	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	30	21	03	1.8		02.0	C	25.12	C	21.19	U	12	U	0.00	15.3		
01	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	30	21	03	1.8		03.0	C	25.00	C	21.32	U	17	U	0.00	15.3		
01	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	30	21	03	1.8		04.0	C	24.94	C	21.34	U	19	U	0.02	15.3		
01	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	30	21	03	1.8		05.0	C	24.92	C	21.35	U	19	U	0.00	15.3		
01	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		4	30	21	03	1.8		06.0	C	24.80	C	21.41		*		*	*		
01	07	64	15.5	LA	0003	36	58.3	76	21.5	7		4			*			00.0	C	25.26	C	20.96	U	12	D	0.14	15.6		
01	07	64	15.5	LA	0003	36	58.3	76	21.5	7		4			*			02.0	C	25.24	C	20.98	U	08	U	0.00	15.5		
01	07	64	15.5	LA	0003	36	58.3	76	21.5	7		4			*			03.0	C	25.08	C	20.99	U	10	U	0.00	15.5		
01	07	64	15.5	LA	0003	36	58.3	76	21.5	7		4			*			04.0	C	25.08	C	21.19	U	15	U	0.00	15.5		
01	07	64	15.5	LA	0003	36	58.3	76	21.5	7		4			*			05.0	C	25.02	C	21.30	U	20	U	0.00	15.5		
01	07	64	15.5	LA	0003	36	58.3	76	21.5	7		4			*			06.0	C	24.88	C	21.36		*		*	*		
01	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		4	28	15	05	1.6		00.0	C	25.10	C	21.29	L	05	D	0.11	16.0		
01	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		4	28	15	05	1.6		02.0	C	25.02	C	21.33	U	05	U	0.00	16.0		
01	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		4	28	15	05	1.6		03.0	C	25.02	C	21.36	U	05	U	0.00	16.0		
01	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		4	28	15	05	1.6		04.0	C	24.98	C	21.41	U	05	U	0.00	16.0		
01	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		4	28	15	05	1.6		05.0	C	24.92	C	21.41	U	05	U	0.00	16.0		
01	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		4	28	15	05	1.6		06.0	C	24.66	C	21.50		*		*	*		
01	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			00.0	C	25.00	C	21.34	L	04	D	0.21	16.6		
01	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			02.0	C	24.94	C	21.34	U	04	U	0.23	16.5		
01	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			03.0	C	24.94	C	21.36	U	04	U	0.24	16.5		
01	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			04.0	C	24.92	C	21.35	U	04	U	0.23	16.5		
01	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			05.0	C	24.86	C	21.37	U	04	U	0.19	16.5		
01	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			06.0	C	24.64	C	21.52		*		*	*		
01	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		5	29	14	02	1.6		00.0	C	25.18	C	21.80		*	D	0.48	*		
01	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		5	29	14	02	1.6		02.0	C	24.90	C	21.43	U	04	U	0.47	17.1		
01	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		5	29	14	02	1.6		03.0	C	24.76	C	21.45	U	05	U	0.30	17.1		
01	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		5	29	14	02	1.6		04.0	C	24.76	C	21.43	U	05	U	0.25	17.1		
01	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		5	29	14	02	1.6		05.0	C	24.64	C	21.47		*		*	*		
01	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		5	29	14	02	1.6		06.0	C	24.66	C	21.45		*		*	*		
01	07	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			00.0	C	25.02	C	21.32	L	04	D	0.56	17.7		
01	07	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			02.0	C	25.02	C	21.36	U	04	U	0.50	17.7		
01	07	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			03.0	C	24.82	C	21.55	U	04	U	0.40	17.7		
01	07	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			04.0	C	24.62	C	21.65	U	04	U	0.38	17.7		
01	07	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			05.0	C	24.56	C	21.73	U	05	U	0.38	17.7		
01	07	64	17.5	LA	0003	36	58.3	76	21.5	7		6			*			06.0	C	24.50	C	21.79		*		*	*		
01	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6		21	03			00.0	C	24.50	C	21.00	L	03	D	0.76	18.2		
01	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6		21	03			02.0	C	24.46	C	21.50	U	04	U	0.58	18.1		
01	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6		21	03			03.0	C	24.42	C	21.81	U	04	U	0.45	18.1		
01	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6		21	03			04.0	C	24.50	C	21.77	U	04	U	0.23	18.1		
01	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6		21	03			05.0	C	24.50	C	21.77	U	05	U	0.32	18.1		
01	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6		21	03			06.0	C	24.20	C	21.76		*		*	*		
01	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			00.0	C	25.16	C	20.93	L	03	D	0.44	18.6		
01	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			02.0	C	25.00	C	21.17	U	04	U	0.22	18.7		
01	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			03.0	C	24.84	C	21.33	U	04	U	0.10	18.7		
01	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			04.0					U	04	U	0.00	18.7		
01	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			05.0					U	05	U	0.00	18.7		
01	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			06.0						*		*	*		
01	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		7		20	03			00.0					U	04	U	0.20	19.2		
01	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		7		20	03			02.0	C	24.88	C	21.30	U	05	U	0.22	19.1		
01	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		7		20	03			03.0	C	24.86	C	21.36	U	04	U	0.07	19.1		
01	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		7		20	03			04.0	C	24.84	C	21.33	U	04	U	0.00	19.1		
01	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		7		20	03			05.0	C	24.64	C	21.59	U	04	U	0.00	19.1		
01	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		7		20	03			06.0	C	24.56	C	21.66		*		*	*		
01	07	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			00.0	C	24.98	C	21.12		*	D	0.22	19.7		
01	07	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			02.0	C	24.98	C	21.12	U	04	U	0.11	19.6		
01	07	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			03.0	C	24.92	C	21.21	U	05	U	0.01	19.6		
01	07	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			04.0	C	24.56	C	21.63	U	04	U	0.00	19.6		
01	07	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			05.0	C	24.50	C	21.71	U	04	U	0.00	19.6		
01	07	64	19.5	LA	0003	36	58.3	76	21.5	7		7			*			06.0	C	24.50	C	21.71		*		*	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
01	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		*		20	03			00.0	C	25.04	C	20.99	L	04	D	0.15	20.0	
01	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		*		20	03			02.0	C	24.94	C	21.16	U	04	U	0.03	20.1	
01	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		*		20	03			03.0	C	24.54	C	21.66	U	04	U	0.00	20.1	
01	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		*		20	03			04.0	C	24.46	C	21.74	U	03	U	0.00	20.1	
01	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		*		20	03			05.0	C	24.36	C	21.83	U	02	U	0.00	20.1	
01	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		*		20	03			06.0	C	24.34	C	21.82		*		*	*	
01	07	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			00.0	C	24.80	C	21.21	L	00	D	0.00	20.6	
01	07	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			02.0	C	24.74	C	21.44	U	07	U	0.00	20.6	
01	07	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			03.0	C	24.56	C	21.66	U	18	U	0.01	20.6	
01	07	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			04.0	C	24.48	C	21.75	U	27	U	0.00	20.6	
01	07	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			05.0	C	24.40	C	21.82	U	24	U	0.00	20.6	
01	07	64	20.5	LA	0003	36	58.3	76	21.5	7		8			*			06.0	C	24.34	C	21.85		*		*	*	
01	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8		20	03	,		00.0	C	24.82	C	21.16		*	D	0.00	21.1	
01	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8		20	03	,		02.0	C	24.84	C	21.16		*		*	*	
01	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8		20	03	,		03.0	C	24.54	C	21.97		*		*	*	
01	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8		20	03	,		04.0	C	24.44	C	21.79		*		*	*	
01	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8		20	03	,		05.0	C	24.32	C	21.90		*		*	*	
01	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8		20	03	,		06.0	C	24.14	C	22.02		*		*	*	
01	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1		15	08	,		00.0	C	24.42	C	21.54		*		*	22.3	
01	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1		15	08	,		02.0	C	24.72	C	21.45	U	24	U	0.27	22.2	
01	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1		15	08	,		03.0	C	24.70	C	21.54	U	23	U	0.30	22.2	
01	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1		15	08	,		04.0	C	24.64	C	21.62	U	22	U	0.27	22.2	
01	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1		15	08	,		05.0	C	24.32	C	21.86	U	19	U	0.10	22.2	
01	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1		15	08	,		06.0	C	24.22	C	21.96		*		*	22.2	
01	07	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			00.0	C	24.94	C	21.01	L	28	D	0.27	22.7	
01	07	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			02.0	C	24.96	C	21.00	U	27	U	0.35	22.6	
01	07	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			03.0	C	24.94	C	21.13	U	26	U	0.35	22.6	
01	07	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			04.0	C	24.70	C	21.41	U	23	U	0.32	22.6	
01	07	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			05.0	C	24.60	C	21.62	U	22	U	0.20	22.6	
01	07	64	22.5	LA	0003	36	58.3	76	21.5	7		2			*			06.0	C	24.54	C	21.66		*		*	*	
01	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		2		19	08			00.0	C	25.10	C	20.78	L	20	D	0.38	23.2	
01	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		2		19	08			02.0	C	25.08	C	20.93	U	26	U	0.40	23.1	
01	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		2		19	08			03.0	C	24.78	C	21.44	U	25	U	0.38	23.1	
01	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		2		19	08			04.0	C	24.64	C	21.56	U	24	U	0.30	23.1	
01	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		2		19	08			05.0	C	24.62	C	21.57	U	23	U	0.25	23.1	
01	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		2		19	08			06.0	C	24.64	C	21.53		*		*	*	
01	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			00.0	C	25.12	C	20.78	L	00	D	0.00	23.7	
01	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			02.0	C	25.10	C	20.83	U	27	U	0.40	23.5	
01	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			03.0	C	24.66	C	21.59	U	24	U	0.38	23.5	
01	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			04.0	C	23.72	C	22.51	U	23	U	0.30	23.5	
01	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			05.0	C	23.52	C	22.73	U	24	U	0.25	23.5	
01	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			06.0	C	23.46	C	22.77		*		*	*	
02	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	25	19	08			00.0	C	25.06	R	21.84	L	27	D	0.42	00.2	
02	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	25	19	08			02.0	C	25.04	C	21.88	U	27	U	0.45	00.1	
02	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	25	19	08			03.0	C	24.98	C	22.00	U	25	U	0.50	00.1	
02	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	25	19	08			04.0	C	24.08	C	23.03	U	23	U	0.35	00.1	
02	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	25	19	08			05.0	C	23.80	C	23.32	U	22	U	0.20	00.1	
02	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		3	25	19	08			06.0	C	23.60	C	23.38		*		*	*	
02	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			00.0	C	25.02	C	20.80	L	23	D	0.47	00.6	
02	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			02.0	C	25.02	C	20.81	U	27	U	0.45	00.6	
02	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			03.0	C	25.02	C	20.86	U	27	U	0.45	00.6	
02	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			04.0	C	24.58	C	21.45	U	24	U	0.40	00.5	
02	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			05.0	C	24.22	C	21.81	U	23	U	0.28	00.5	
02	07	64	00.5	LA	0003	36	58.3	76	21.5	7		3			*			06.0	C	24.12	C	21.96		*		*	*	
02	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	24	21	09			00.0	C	24.96	C	20.83	L	23	D	0.38	01.2	
02	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	24	21	09			02.0	C	24.84	C	21.16	U	25	U	0.38	01.1	
02	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	24	21	09			03.0	C	24.66	C	21.36	U	23	U	0.27	01.1	
02	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	24	21	09			04.0	C	24.44	C	21.58	U	23	U	0.15	01.1	
02	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	24	21	09			05.0	C	24.18	C	21.90	U	25	U	0.00	01.1	
02	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		3	24	21	09			06.0	C	24.06	C	22.04		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
02	07	64	01.5	LA	0003	36	58.3	76	21.5	7		3			*			00.0	C	24.84	C	21.01	L	23	D	0.31	01.7		
02	07	64	01.5	LA	0003	36	58.3	76	21.5	7		3			*			02.0	C	24.82	C	21.03	U	24	U	0.31	01.6		
02	07	64	01.5	LA	0003	36	58.3	76	21.5	7		3			*			03.0	C	24.52	C	21.51	U	23	U	0.23	01.6		
02	07	64	01.5	LA	0003	36	58.3	76	21.5	7		3			*			04.0	C	23.88	C	22.58	U	22	U	0.25	01.6		
02	07	64	01.5	LA	0003	36	58.3	76	21.5	7		3			*			05.0	C	23.54	C	23.29	U	22	U	0.05	01.6		
02	07	64	01.5	LA	0003	36	58.3	76	21.5	7		3			*			06.0	C	22.78	C	23.42		*		*	*		
02	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	07			00.0	C	24.78	C	20.54	L	20	D	0.31	02.2		
02	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	07			02.0	C	24.74	C	20.69	U	23	D	0.35	02.1		
02	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	07			03.0	C	24.66	C	21.27	U	24	D	0.35	02.1		
02	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	07			04.0	C	24.62	C	21.36	U	23	D	0.30	02.1		
02	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	07			05.0	C	24.56	C	21.54	U	21	D	0.17	02.1		
02	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	07			06.0	C	24.28	C	21.78		*		*	*		
02	07	64	02.5	LA	0003	36	58.3	76	21.5	7		4			*			00.0	C	24.68	C	21.02	L	21	D	0.15	02.8		
02	07	64	02.5	LA	0003	36	58.3	76	21.5	7		4			*			02.0	C	24.64	C	21.14	U	22	U	0.18	02.6		
02	07	64	02.5	LA	0003	36	58.3	76	21.5	7		4			*			03.0	C	24.54	C	21.38	U	22	U	0.20	02.6		
02	07	64	02.5	LA	0003	36	58.3	76	21.5	7		4			*			04.0	C	24.46	C	21.27	U	20	U	0.06	02.6		
02	07	64	02.5	LA	0003	36	58.3	76	21.5	7		4			*			05.0	C	24.42	C	21.60	U	19	U	0.00	02.6		
02	07	64	02.5	LA	0003	36	58.3	76	21.5	7		4			*			06.0	C	24.34	C	21.69		*		*	*		
02	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		4	23	20	07			00.0	C	24.84	R	21.13	L	16	D	0.00	03.2		
02	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		4	23	20	07			02.0	C	24.76	C	21.04	U	10	U	0.00	03.1		
02	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		4	23	20	07			03.0	C	24.56	C	21.39	U	16	U	0.00	03.1		
02	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		4	23	20	07			04.0	C	24.54	C	21.43	U	23	U	0.00	03.1		
02	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		4	23	20	07			05.0	C	24.50	C	21.49	U	23	U	0.00	03.1		
02	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		4	23	20	07			06.0	C	24.48	C	21.54		*		*	*		
02	07	64	03.5	LA	0003	36	58.3	76	21.5	7		*			*			00.0	C	24.78	C	20.92	L	10	D	0.16	03.6		
02	07	64	03.5	LA	0003	36	58.3	76	21.5	7		*			*			02.0	C	24.80	C	20.95	U	06	U	0.00	03.5		
02	07	64	03.5	LA	0003	36	58.3	76	21.5	7		*			*			03.0	C	24.74	C	21.09	U	07	U	0.00	03.5		
02	07	64	03.5	LA	0003	36	58.3	76	21.5	7		*			*			04.0	C	24.44	C	21.52	U	09	U	0.00	03.5		
02	07	64	03.5	LA	0003	36	58.3	76	21.5	7		*			*			05.0	C	24.40	C	21.59	U	02	U	0.00	03.5		
02	07	64	03.5	LA	0003	36	58.3	76	21.5	7		*			*			06.0	C	23.98	C	22.10		*		*	*		
02	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		4	23	21	06			00.0	C	24.74	C	20.95	L	09	D	0.16	04.2		
02	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		4	23	21	06			02.0	C	24.68	C	21.25	U	05	U	0.10	04.1		
02	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		4	23	21	06			03.0	C	24.44	C	21.58	U	05	U	0.05	04.1		
02	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		4	23	21	06			04.0	C	24.20	C	21.81	U	04	U	0.00	04.1		
02	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		4	23	21	06			05.0	C	24.10	C	21.87	U	04	U	0.00	04.1		
02	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		4	23	21	06			06.0	C	24.10	C	21.94		*		*	*		
02	07	64	04.5	LA	0003	36	58.3	76	21.5	7		5			*			00.0	C	24.58	C	21.26	L	07	D	0.33	04.6		
02	07	64	04.5	LA	0003	36	58.3	76	21.5	7		5			*			02.0	C	24.58	C	21.26	U	04	U	0.31	04.5		
02	07	64	04.5	LA	0003	36	58.3	76	21.5	7		5			*			03.0	C	24.50	C	21.49	U	04	U	0.33	04.5		
02	07	64	04.5	LA	0003	36	58.3	76	21.5	7		5			*			04.0	C	24.44	C	21.58	U	04	U	0.26	04.5		
02	07	64	04.5	LA	0003	36	58.3	76	21.5	7		5			*			05.0	C	24.36	C	21.65	U	04	U	0.18	04.5		
02	07	64	04.5	LA	0003	36	58.3	76	21.5	7		5			*			06.0	C	24.34	C	21.69		*		*	*		
02	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	23	21	06			00.0	C	24.40	C	21.49	L	05	D	0.44	05.1		
02	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	23	21	06			02.0	C	24.40	C	21.47	U	04	U	0.35	05.3		
02	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	23	21	06			03.0	C	24.40	C	21.49	U	03	U	0.35	05.3		
02	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	23	21	06			04.0	C	24.34	C	21.60	U	03	U	0.37	05.3		
02	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	23	21	06			05.0	C	24.34	C	21.63	U	04	U	0.30	05.3		
02	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	23	21	06			06.0	C	24.32	C	21.65		*		*	*		
02	07	64	05.5	LA	0003	36	58.3	76	21.5	7		6			*			00.0	C	24.42	C	21.38	L	06	D	0.57	05.8		
02	07	64	05.5	LA	0003	36	58.3	76	21.5	7		6			*			02.0	C	24.40	C	21.43	U	03	U	0.46	05.7		
02	07	64	05.5	LA	0003	36	58.3	76	21.5	7		6			*			03.0	C	24.34	C	21.51	U	04	U	0.40	05.7		
02	07	64	05.5	LA	0003	36	58.3	76	21.5	7		6			*			04.0	C	24.34	C	21.52	U	04	U	0.35	05.7		
02	07	64	05.5	LA	0003	36	58.3	76	21.5	7		6			*			05.0	C	24.30	C	21.60	U	C4	U	0.30	05.7		
02	07	64	05.5	LA	0003	36	58.3	76	21.5	7		6			*			06.0	C	24.30	C	21.61		*		*	*		
02	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		6	24	20	08			00.0	C	24.36	C	21.41	L	04	D	0.42	06.2		
02	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		6	24	20	08			02.0	C	24.34	C	21.43	U	03	U	0.05	06.1		
02	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		6	24	20	08			03.0	C	24.34	C	21.51	U	03	U	0.05	06.1		
02	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		6	24	20	08			04.0	C	24.32	C	21.51	U	04	U	0.05	06.1		
02	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		6	24	20	08			05.0	C	24.32	C	21.51	U	04	U	0.03	06.1		
02	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		6	24	20	08			06.0	C	24.32	C	21.51		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
02	07	64	06.5	LA	0003	36	58.3	76	21.5	7		6			*			00.0	C	24.42	C	21.01	L	04	D	0.40	06.7		
02	07	64	06.5	LA	0003	36	58.3	76	21.5	7		6			*			02.0	C	24.40	C	21.05	U	04	U	0.50	06.6		
02	07	64	06.5	LA	0003	36	58.3	76	21.5	7		6			*			03.0	C	24.40	C	21.07	U	05	U	0.44	06.6		
02	07	64	06.5	LA	0003	36	58.3	76	21.5	7		6			*			04.0	C	24.38	C	21.13	U	04	U	0.30	06.6		
02	07	64	06.5	LA	0003	36	58.3	76	21.5	7		6			*			05.0	C	24.38	C	21.16	U	04	U	0.40	06.6		
02	07	64	06.5	LA	0003	36	58.3	76	21.5	7		6			*			06.0	C	24.38	C	21.07		*		*	*		
02	07	64	07.0	LA	0003	36	58.3	76	21.5	*7		7	27	24	08	1.6		00.0	C	24.50	C	20.76	L	05	D	0.25	07.2		
02	07	64	07.0	LA	0003	36	58.3	76	21.5	*7		7	27	24	08	1.6		02.0	C	24.52	C	20.78	U	04	U	0.30	07.1		
02	07	64	07.0	LA	0003	36	58.3	76	21.5	*7		7	27	24	08	1.6		03.0	C	24.54	C	20.79	U	04	U	0.25	07.1		
02	07	64	07.0	LA	0003	36	58.3	76	21.5	*7		7	27	24	08	1.6		04.0	C	24.46	C	22.07	U	05	U	0.20	07.1		
02	07	64	07.0	LA	0003	36	58.3	76	21.5	*7		7	27	24	08	1.6		05.0	C	23.96	C	22.07	U	04	U	0.15	07.1		
02	07	64	07.0	LA	0003	36	58.3	76	21.5	*7		7	27	24	08	1.6		06.0	C	23.84	C	22.25		*		*	*		
02	07	64	07.5	LA	0003	36	58.3	76	21.5	7		7			*			00.0	C	24.60	C	20.82	L	05	D	0.11	07.7		
02	07	64	07.5	LA	0003	36	58.3	76	21.5	7		7			*			02.0	C	24.32	C	21.75	U	05	U	0.12	07.6		
02	07	64	07.5	LA	0003	36	58.3	76	21.5	7		7			*			03.0	C	23.90	C	22.22	U	04	U	0.05	07.6		
02	07	64	07.5	LA	0003	36	58.3	76	21.5	7		7			*			04.0	C	23.82	C	22.42	U	04	U	0.03	07.6		
02	07	64	07.5	LA	0003	36	58.3	76	21.5	7		7			*			05.0	C	23.74	C	22.49	U	04	U	0.00	07.6		
02	07	64	07.5	LA	0003	36	58.3	76	21.5	7		7			*			06.0	C	23.72	C	22.51		*		*	*		
02	07	64	08.0	LA	0003	36	58.3	76	21.5	*7		7	27	22	08	1.3		00.0	C	24.62	C	20.80	L	08	D	0.10	08.3		
02	07	64	08.0	LA	0003	36	58.3	76	21.5	*7		7	27	22	08	1.3		02.0	C	24.58	C	20.82	U	06	U	0.00	08.1		
02	07	64	08.0	LA	0003	36	58.3	76	21.5	*7		7	27	22	08	1.3		03.0	C	24.24	C	21.67	U	05	U	0.01	08.1		
02	07	64	08.0	LA	0003	36	58.3	76	21.5	*7		7	27	22	08	1.3		04.0	C	23.98	C	22.11	U	04	U	0.00	08.1		
02	07	64	08.0	LA	0003	36	58.3	76	21.5	*7		7	27	22	08	1.3		05.0	C	23.90	C	22.25	U	04	U	0.00	08.1		
02	07	64	08.0	LA	0003	36	58.3	76	21.5	*7		7	27	22	08	1.3		06.0	C	23.88	C	22.24		*		*	*		
02	07	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*	1.7		00.0	C	24.68	C	21.49	L	11	D	0.00	08.6		
02	07	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*	1.7		02.0	C	24.08	C	22.01	U	06	U	0.00	08.6		
02	07	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*	1.7		03.0	C	23.96	C	22.19	U	09	U	0.00	08.6		
02	07	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*	1.7		04.0	C	23.86	C	22.28	U	02	U	0.00	08.6		
02	07	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*	1.7		05.0	C	23.84	C	22.30	U	02	U	0.00	08.6		
02	07	64	08.5	LA	0003	36	58.3	76	21.5	7		8			*	1.7		06.0	C	23.84	C	22.31		*		*	*		
02	07	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	23	22	06	1.1		00.0	C	24.68	C	20.87	L	11	D	0.00	09.2		
02	07	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	23	22	06	1.1		02.0	C	24.62	C	20.93	U	06	U	0.00	09.1		
02	07	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	23	22	06	1.1		03.0	C	24.54	C	21.03	U	12	U	0.02	09.1		
02	07	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	23	22	06	1.1		04.0	C	24.28	C	21.48	U	19	U	0.01	09.1		
02	07	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	23	22	06	1.1		05.0	C	24.12	C	21.65	U	19	U	0.01	09.1		
02	07	64	09.0	LA	0003	36	58.3	76	21.5	*7		8	23	22	06	1.1		06.0	C	23.84	C	22.34		*		*	*		
02	07	64	09.5	LA	0003	36	58.3	76	21.5	6		8			*			00.0	C	24.82	C	20.88		*		*	09.6		
02	07	64	09.5	LA	0003	36	58.3	76	21.5	6		8			*			02.0	C	24.58	C	21.14	U	23	U	0.02	09.6		
02	07	64	09.5	LA	0003	36	58.3	76	21.5	6		8			*			03.0	C	24.40	C	21.44	U	24	U	0.17	09.6		
02	07	64	09.5	LA	0003	36	58.3	76	21.5	6		8			*			04.0	C	24.32	C	21.51	U	24	U	0.17	09.6		
02	07	64	09.5	LA	0003	36	58.3	76	21.5	6		8			*			05.0	C	24.22	C	21.65	U	23	U	0.10	09.6		
02	07	64	09.5	LA	0003	36	58.3	76	21.5	6		8			*			06.0	C	23.88	C	22.27		*		*	*		
02	07	64	10.0	LA	0003	36	58.3	76	21.5	*6		1	29	24	03	1.0		00.0	C	24.60	C	21.14		*	D	0.17	10.3		
02	07	64	10.0	LA	0003	36	58.3	76	21.5	*6		1	29	24	03	1.0		02.0	C	24.60	C	21.30	U	23	U	0.30	10.2		
02	07	64	10.0	LA	0003	36	58.3	76	21.5	*6		1	29	24	03	1.0		03.0	C	24.56	C	21.45	U	23	U	0.32	10.2		
02	07	64	10.0	LA	0003	36	58.3	76	21.5	*6		1	29	24	03	1.0		04.0	C	24.30	C	21.63	U	23	U	0.30	10.2		
02	07	64	10.0	LA	0003	36	58.3	76	21.5	*6		1	29	24	03	1.0		05.0	C	24.28	C	21.65	U	23	U	0.25	10.2		
02	07	64	10.0	LA	0003	36	58.3	76	21.5	*6		1	29	24	03	1.0		06.0	C	24.26	C	21.67		*		*	*		
02	07	64	10.5	LA	0003	36	58.3	76	21.5	6		1			*			00.0		,		4	L	23	D	0.20	10.6		
02	07	64	10.5	LA	0003	36	58.3	76	21.5	6		1			*			02.0	C	24.46	C	21.33	U	26	U	0.35	10.5		
02	07	64	10.5	LA	0003	36	58.3	76	21.5	6		1			*			03.0	C	24.26	C	21.62	U	25	U	0.38	10.5		
02	07	64	10.5	LA	0003	36	58.3	76	21.5	6		1			*			04.0	C	24.22	C	21.69	U	23	U	0.30	10.5		
02	07	64	10.5	LA	0003	36	58.3	76	21.5	6		1			*			05.0	C	24.20	C	21.73	U	23	U	0.22	10.5		
02	07	64	10.5	LA	0003	36	58.3	76	21.5	6		1			*			06.0	C	24.20	C	21.73		*		*	*		
02	07	64	11.0	LA	0003	36	58.3	76	21.5	*7		1	29	23	03	1.1		00.0	C	25.00	C	21.00	L	25	D	0.20	11.2		
02	07	64	11.0	LA	0003	36	58.3	76	21.5	*7		1	29	23	03	1.1		02.0	C	24.34	C	21.36	U	25	U	0.39	11.1		
02	07	64	11.0	LA	0003	36	58.3	76	21.5	*7		1	29	23	03	1.1		03.0	C	24.20	C	21.67	U	25	U	0.40	11.1		
02	07	64	11.0	LA	0003	36	58.3	76	21.5	*7		1	29	23	03	1.1		04.0	C	24.16	C	21.86	U	25	U	0.37	11.1		
02	07	64	11.0	LA	0003	36	58.3	76	21.5	*7		1	29	23	03	1.1		05.0	C	24.14	C	21.87	U	25	U	0.29	11.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
02	07	64	11.5	LA	0003	36	58.3	76	21.5	7		2			*			00.0	C	24.14	C	20.83	L	25	D	0.34	11.8		
02	07	64	11.5	LA	0003	36	58.3	76	21.5	7		2			*			02.0	C	25.14	C	20.82	U	29	U	0.40	11.6		
02	07	64	11.5	LA	0003	36	58.3	76	21.5	7		2			*			03.0	C	24.38	C	21.37	U	25	U	0.47	11.6		
02	07	64	11.5	LA	0003	36	58.3	76	21.5	7		2			*			04.0	C	23.66	C	22.51	U	23	U	0.40	11.6		
02	07	64	11.5	LA	0003	36	58.3	76	21.5	7		2			*			05.0	C	22.66	C	23.69	U	22	U	0.27	11.6		
02	07	64	11.5	LA	0003	36	58.3	76	21.5	7		2			*			06.0	C	22.74	C	23.60		*		*	*		
02	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		3	30	20	05	1.6		00.0	C	24.96	C	20.69	L	26	D	0.40	12.2		
02	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		3	30	20	05	1.6		02.0	C	24.40	C	21.31	U	26	U	0.55	12.1		
02	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		3	30	20	05	1.6		03.0	C	24.20	C	21.51	U	25	U	0.63	12.1		
02	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		3	30	20	05	1.6		04.0	C	23.74	C	22.25	U	24	U	0.55	12.1		
02	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		3	30	20	05	1.6		05.0	C	23.06	C	23.09	U	23	U	0.38	12.1		
02	07	64	12.0	LA	0003	36	58.3	76	21.5	*7		3	30	20	05	1.6		06.0	C	22.64	C	23.60		*		*	*		
02	07	64	12.5	LA	0003	36	58.3	76	21.5	2		6			*			00.0	C	24.98	C	20.67	L	25	D	0.49	12.7		
02	07	64	12.5	LA	0003	36	58.3	76	21.5	2		6			*			02.0	C	24.58	C	21.04	U	26	U	0.55	12.5		
02	07	64	12.5	LA	0003	36	58.3	76	21.5	2		6			*			03.0	C	24.02	C	21.74	U	24	U	0.70	12.5		
02	07	64	12.5	LA	0003	36	58.3	76	21.5	2		6			*			04.0	C	23.48	C	22.46	U	24	U	0.65	12.5		
02	07	64	12.5	LA	0003	36	58.3	76	21.5	2		6			*			05.0	C	23.02	C	23.00	U	22	U	0.45	12.5		
02	07	64	12.5	LA	0003	36	58.3	76	21.5	2		6			*			06.0	C	22.82	C	23.28		*		*	*		
02	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	28	19	05	1.8		00.0	C	24.84	C	20.81	L	25	D	0.53	13.0		
02	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	28	19	05	1.8		02.0	C	23.84	C	22.15	U	24	U	0.75	13.0		
02	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	28	19	05	1.8		03.0	C	23.56	C	22.42	U	25	U	0.70	13.0		
02	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	28	19	05	1.8		04.0	C	23.46	C	22.46	U	24	U	0.62	13.0		
02	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	28	19	05	1.8		05.0	C	22.76	C	23.22	U	24	U	0.50	13.0		
02	07	64	13.0	LA	0003	36	58.3	76	21.5	*7		2	28	19	05	1.8		06.0	C	22.70	C	23.40		*		*	*		
02	07	64	13.5	LA	0003	36	58.3	76	21.5	7		2			*			00.0	C	24.90	C	21.11	L	23	D	0.78	13.6		
02	07	64	13.5	LA	0003	36	58.3	76	21.5	7		2			*			02.0	C	24.86	C	21.17	U	23	U	0.73	13.6		
02	07	64	13.5	LA	0003	36	58.3	76	21.5	7		2			*			03.0	C	24.36	C	21.65	U	23	U	0.63	13.6		
02	07	64	13.5	LA	0003	36	58.3	76	21.5	7		2			*			04.0	C	24.04	C	21.91	U	22	U	0.60	13.6		
02	07	64	13.5	LA	0003	36	58.3	76	21.5	7		2			*			05.0	C	23.66	C	22.26	U	20	U	0.38	13.5		
02	07	64	13.5	LA	0003	36	58.3	76	21.5	7		2			*			06.0	C	23.24	C	22.79		*		*	*		
02	07	64	14.0	LA	0003	36	58.3	76	21.5	7		2	31		*	1.6		00.0	C	25.02	C	21.47	L	23	D	1.01	14.3		
02	07	64	14.0	LA	0003	36	58.3	76	21.5	7		2	31		*	1.6		02.0	C	24.54	C	21.73	U	23	U	0.63	14.2		
02	07	64	14.0	LA	0003	36	58.3	76	21.5	7		2	31		*	1.6		03.0	C	24.46	C	21.79	U	23	U	0.55	14.2		
02	07	64	14.0	LA	0003	36	58.3	76	21.5	7		2	31		*	1.6		04.0	C	24.42	C	21.84	U	22	U	0.50	14.2		
02	07	64	14.0	LA	0003	36	58.3	76	21.5	7		2	31		*	1.6		05.0	C	24.26	C	21.97	U	20	U	0.43	14.2		
02	07	64	14.0	LA	0003	36	58.3	76	21.5	7		2	31		*	1.6		06.0	C	23.98	C	22.21		*		*	*		
02	07	64	14.5	LA	0003	36	58.3	76	21.5	7		*			*			00.0	C	24.58	C	21.82	L	24	D	0.90	14.6		
02	07	64	14.5	LA	0003	36	58.3	76	21.5	7		*			*			02.0	C	24.36	C	21.95	U	21	U	0.55	14.6		
02	07	64	14.5	LA	0003	36	58.3	76	21.5	7		*			*			03.0	C	24.30	C	22.00	U	21	U	0.45	14.5		
02	07	64	14.5	LA	0003	36	58.3	76	21.5	7		*			*			04.0	C	24.32	C	21.98	U	21	U	0.40	14.5		
02	07	64	14.5	LA	0003	36	58.3	76	21.5	7		*			*			05.0	C	24.28	C	22.01	U	20	U	0.30	14.5		
02	07	64	14.5	LA	0003	36	58.3	76	21.5	7		*			*			06.0	C	24.28	C	22.01		*		*	*		
02	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		2	31	19	06	1.6		00.0	C	25.16	C	21.47	L	23	D	0.59	15.4		
02	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		2	31	19	06	1.6		02.0	C	24.42	C	21.84	U	22	U	0.40	15.3		
02	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		2	31	19	06	1.6		03.0	C	24.40	C	21.88	U	20	U	0.38	15.3		
02	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		2	31	19	06	1.6		04.0	C	24.40	C	21.88	U	20	U	0.26	15.3		
02	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		2	31	19	06	1.6		05.0	C	24.36	C	21.92	U	20	U	0.19	15.3		
02	07	64	15.0	LA	0003	36	58.3	76	21.5	*7		2	31	19	06	1.6		06.0	C	24.12	C	22.13		*		*	*		
02	07	64	15.5	LA	0003	36	58.3	76	21.5	7		*			*			00.0	C	25.02	C	21.44	L	24	D	0.53	*		
02	07	64	15.5	LA	0003	36	58.3	76	21.5	7		*			*			02.0	C	24.44	C	21.79	U	21	U	0.25	15.6		
02	07	64	15.5	LA	0003	36	58.3	76	21.5	7		*			*			03.0	C	24.46	C	21.80	U	21	U	0.20	15.6		
02	07	64	15.5	LA	0003	36	58.3	76	21.5	7		*			*			04.0	C	24.42	C	21.84	U	19	U	0.15	15.6		
02	07	64	15.5	LA	0003	36	58.3	76	21.5	7		*			*			05.0	C	24.42	C	21.84	U	21	U	0.15	15.6		
02	07	64	15.5	LA	0003	36	58.3	76	21.5	7		*			*			06.0	C	24.38	C	21.57		*		*	*		
02	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		3	30	18	06	1.9		00.0	C	24.74	C	21.68	L	23	D	0.25	16.1		
02	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		3	30	18	06	1.9		02.0	C	24.52	C	21.80	U	19	U	0.20	16.1		
02	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		3	30	18	06	1.9		03.0	C	24.34	C	21.94	U	18	U	0.15	16.1		
02	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		3	30	18	06	1.9		04.0	C	24.28	C	21.98	U	18	U	0.15	16.1		
02	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		3	30	18	06	1.9		05.0	C	24.26	C	21.98	U	21	U	0.20	16.1		
02	07	64	16.0	LA	0003	36	58.3	76	21.5	*7		3	30	18	06	1.9		06.0	C	24.26	C	21.97		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
02	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			00.0	C	24.76	C	21.75	L	16	D	0.00	16.7	
02	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			02.0	C	24.72	C	21.78	U	11	U	0.00	16.6	
02	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			03.0	C	24.72	C	21.78	U	12	U	0.00	16.6	
02	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			04.0	C	24.58	C	21.84	U	12	U	0.00	16.6	
02	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			05.0	C	24.40	C	21.91	V	15	V	0.00	16.6	
02	07	64	16.5	LA	0003	36	58.3	76	21.5	7		4			*			06.0	C	24.08	C	22.08		*		*	*	
02	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		*	30	18	08	1.8		00.0	C	24.90	C	21.25	L	07	D	0.30	17.2	
02	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		*	30	18	08	1.8		02.0	C	24.90	C	21.25	U	05	U	0.18	17.2	
02	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		*	30	18	08	1.8		03.0	C	24.88	C	21.27	U	05	U	0.00	17.2	
02	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		*	30	18	08	1.8		04.0	C	24.68	C	21.75	U	05	U	0.00	17.1	
02	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		*	30	18	08	1.8		05.0	C	24.22	C	22.02	U	04	U	0.00	17.1	
02	07	64	17.0	LA	0003	36	58.3	76	21.5	*7		*	30	18	08	1.8		06.0	C	24.16	C	22.09		*		*	*	
02	07	64	17.5	LA	0003	36	58.3	76	21.5	7		5			*			00.0	C	25.00	C	21.13	L	06	D	0.47	17.5	
02	07	64	17.5	LA	0003	36	58.3	76	21.5	7		5			*			02.0	C	24.86	C	21.28	U	04	U	0.45	17.5	
02	07	64	17.5	LA	0003	36	58.3	76	21.5	7		5			*			03.0	C	24.72	C	21.64	U	04	U	0.35	17.5	
02	07	64	17.5	LA	0003	36	58.3	76	21.5	7		5			*			04.0	C	24.72	C	21.71	U	05	U	0.24	17.5	
02	07	64	17.5	LA	0003	36	58.3	76	21.5	7		5			*			05.0	C	24.44	C	21.87	U	05	U	0.15	17.5	
02	07	64	17.5	LA	0003	36	58.3	76	21.5	7		5			*			06.0	C	23.60	C	22.73		*		*	*	
02	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	30	18	06	2.0		00.0	C	25.08	C	21.16	L	06	D	0.59	18.3	
02	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	30	18	06	2.0		02.0	C	24.96	C	21.23	U	04	U	0.50	18.2	
02	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	30	18	06	2.0		03.0	C	24.68	C	21.44	U	04	U	0.35	18.2	
02	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	30	18	06	2.0		04.0	C	24.66	C	21.66	U	05	U	0.25	18.2	
02	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	30	18	06	2.0		05.0	C	24.04	C	22.27	U	05	U	0.25	18.2	
02	07	64	18.0	LA	0003	36	58.3	76	21.5	*7		6	30	18	06	2.0		06.0	C	24.00	C	22.28		*		*	*	
02	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			00.0	C	24.86	C	21.31	L	06	D	0.68	*	
02	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			02.0	C	24.64	C	21.53	U	04	U	0.53	*	
02	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			03.0	C	24.52	C	21.72	U	04	U	0.53	*	
02	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			04.0	C	24.46	C	21.77	U	04	U	0.50	*	
02	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			05.0	C	24.44	C	21.79	U	04	U	0.47	*	
02	07	64	18.5	LA	0003	36	58.3	76	21.5	7		6			*			06.0	C	24.42	C	21.83		*		*	*	
02	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		6	28	21	05	1.9		00.0	C	24.46	C	21.92	L	07	D	0.56	19.3	
02	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		6	28	21	05	1.9		02.0	C	24.44	C	21.94	U	03	U	0.50	19.2	
02	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		6	28	21	05	1.9		03.0	C	24.38	C	22.01	U	03	U	0.50	19.2	
02	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		6	28	21	05	1.9		04.0	C	24.14	C	22.23	U	04	U	0.35	19.2	
02	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		6	28	21	05	1.9		05.0	C	24.10	C	22.28	U	04	U	0.25	19.2	
02	07	64	19.0	LA	0003	36	58.3	76	21.5	*7		6	28	21	05	1.9		06.0	C	24.08	C	22.28		*		*	*	
02	07	64	19.5	LA	0003	36	58.3	76	21.5	*7		6	28	21	05			00.0	C	24.72	C	21.36	L	05	D	0.58	19.7	
02	07	64	19.5	LA	0003	36	58.3	76	21.5	*7		6	28	21	05			02.0	C	24.70	C	21.45	U	04	U	0.50	19.6	
02	07	64	19.5	LA	0003	36	58.3	76	21.5	*7		6	28	21	05			03.0	C	24.64	C	21.65	U	04	U	0.43	19.6	
02	07	64	19.5	LA	0003	36	58.3	76	21.5	*7		6	28	21	05			04.0	C	24.62	C	21.60	U	04	U	0.40	19.6	
02	07	64	19.5	LA	0003	36	58.3	76	21.5	*7		6	28	21	05			05.0	C	24.62	C	21.60	U	04	U	0.28	19.6	
02	07	64	19.5	LA	0003	36	58.3	76	21.5	*7		6	28	21	05			06.0	C	24.62	C	21.63		*		*	*	
02	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		7	27	18	05			00.0	C	24.48	C	21.67	L	08	D	0.25	20.2	
02	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		7	27	18	05			02.0	C	24.48	C	21.69	U	05	U	0.20	20.1	
02	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		7	27	18	05			03.0	C	24.46	C	21.68	U	05	U	0.17	20.1	
02	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		7	27	18	05			04.0	C	24.38	C	21.78	U	05	U	0.13	20.1	
02	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		7	27	18	05			05.0	C	24.20	C	22.06	U	04	U	0.05	20.1	
02	07	64	20.0	LA	0003	36	58.3	76	21.5	*7		7	27	18	05			06.0	C	24.06	C	22.25		*		*	* 1	
02	07	64	20.5	LA	0003	36	58.3	76	21.5	7		7			*			00.0	C	24.54	C	21.57	L	07	D	0.18	20.7	
02	07	64	20.5	LA	0003	36	58.3	76	21.5	7		7			*			02.0	C	24.08	C	22.13	U	05	U	0.20	20.6	
02	07	64	20.5	LA	0003	36	58.3	76	21.5	7		7			*			03.0	C	24.12	C	22.22	U	05	U	0.10	20.6	
02	07	64	20.5	LA	0003	36	58.3	76	21.5	7		7			*			04.0	C	23.92	C	22.26	U	04	U	0.03	20.6	
02	07	64	20.5	LA	0003	36	58.3	76	21.5	7		7			*			05.0	C	23.38	C	22.87	U	02	U	0.01	20.6	
02	07	64	20.5	LA	0003	36	58.3	76	21.5	7		7			*			06.0	C	23.34	C	22.94		*		*	*	
02	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8	27	15	09			00.0	C	24.58	R	21.73	L	11	D	0.23	21.2	
02	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8	27	15	09			02.0	C	23.94	C	22.54	U	06	U	0.12	21.1	
02	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8	27	15	09			03.0	C	23.44	C	22.60	U	05	U	0.01	21.1	
02	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8	27	15	09			04.0	C	23.16	C	23.46	U	05	U	0.01	21.1	
02	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8	27	15	09			05.0	C	23.14	C	23.35	U	32	U	0.00	21.1	
02	07	64	21.0	LA	0003	36	58.3	76	21.5	*7		8	27	15	09			06.0	C	22.98	C	23.50		*		*	*	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
02	07	64	21.5	LA	0003	36	58.3	76	21.5	7		8			*			00.0	C	24.54	C	21.53	L	00	D	0.00	21.6	
02	07	64	21.5	LA	0003	36	58.3	76	21.5	7		8			*			02.0	C	24.32	C	21.72	U	00	U	0.00	21.6	
02	07	64	21.5	LA	0003	36	58.3	76	21.5	7		8			*			03.0	C	23.80	C	22.33	U	09	U	0.00	21.6	
02	07	64	21.5	LA	0003	36	58.3	76	21.5	7		8			*			04.0	C	23.36	C	22.84	U	17	U	0.01	21.6	
02	07	64	21.5	LA	0003	36	58.3	76	21.5	7		8			*			05.0	C	23.08	C	23.23	U	23	U	0.00	21.6	
02	07	64	21.5	LA	0003	36	58.3	76	21.5	7		8			*			06.0	C	24.58	C	23.48		*		*	*	
02	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	26	16	09			00.0	C	24.46	C	21.65	L	00	D	0.00	22.2	
02	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	26	16	09			02.0	C	24.42	C	21.72	U	22	U	0.01	22.1	
02	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	26	16	09			03.0	C	24.28	C	21.84	U	18	U	0.03	22.1	
02	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	26	16	09			04.0	C	24.10	C	22.16	U	22	U	0.10	22.1	
02	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	26	16	09			05.0	C	23.84	C	22.46	U	23	U	0.00	22.1	
02	07	64	22.0	LA	0003	36	58.3	76	21.5	*7		1	26	16	09			06.0	C	23.14	C	23.13		*		*	*	
02	07	64	22.5	LA	0003	36	58.3	76	21.5	7		1			*			00.0	C	24.42	C	21.68	L	00	D	0.00	22.7	
02	07	64	22.5	LA	0003	36	58.3	76	21.5	7		1			*			02.0	C	24.40	C	21.73	U	29	U	0.00	22.6	
02	07	64	22.5	LA	0003	36	58.3	76	21.5	7		1			*			03.0	C	24.38	C	21.75	U	23	U	0.05	22.6	
02	07	64	22.5	LA	0003	36	58.3	76	21.5	7		1			*			04.0	C	24.08	C	22.23	U	25	U	0.10	22.6	
02	07	64	22.5	LA	0003	36	58.3	76	21.5	7		1			*			05.0	C	23.82	C	22.45	U	23	U	0.12	22.6	
02	07	64	22.5	LA	0003	36	58.3	76	21.5	7		1			*			06.0	C	23.56	C	22.76		*		*	*	
02	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		1	26	18	09			00.0	C	24.42	C	21.69	L	28	D	0.15	23.3	
02	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		1	26	18	09			02.0	C	24.40	C	21.70	U	28	U	0.15	23.2	
02	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		1	26	18	09			03.0	C	24.40	C	21.76	U	26	U	0.20	23.2	
02	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		1	26	18	09			04.0	C	24.04	C	22.24	U	26	U	0.25	23.2	
02	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		1	26	18	09			05.0	C	23.56	C	22.67	U	25	U	0.22	23.2	
02	07	64	23.0	LA	0003	36	58.3	76	21.5	*7		1	26	18	09			06.0	C	23.54	C	22.75		*		*	*	
02	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			00.0	C	24.44	C	21.55	L	31	D	0.22	23.7	
02	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			02.0	C	24.40	C	21.64	U	00	U	0.20	23.7	
02	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			03.0	C	24.12	C	22.13	U	29	U	0.30	23.7	
02	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			04.0	C	23.80	C	22.46	U	27	U	0.25	23.7	
02	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			05.0	C	23.62	C	22.67	U	23	U	0.15	23.7	
02	07	64	23.5	LA	0003	36	58.3	76	21.5	7		2			*			06.0	C	23.62	C	22.69		*		*	*	
03	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		2	26	19	08			00.0	C	24.45	C	21.54		*		*	*	
03	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		2	26	19	08			02.0	C	24.10	C	22.24	U	28	U	0.18	00.1	
03	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		2	26	19	08			03.0	C	23.70	C	22.62	U	23	U	0.25	00.1	
03	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		2	26	19	08			04.0	C	23.10	C	23.26	U	21	U	0.18	00.1	
03	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		2	26	19	08			05.0	C	21.80	C	24.60	U	30	U	0.34	00.1	
03	07	64	00.0	LA	0003	36	58.3	76	21.5	*7		2	26	19	08			06.0	C	21.65	C	24.76		*		*	*	
03	07	64	00.5	LA	0003	36	58.3	76	21.5	7		2			*			00.0	C	24.45	C	21.50		*		*	*	
03	07	64	00.5	LA	0003	36	58.3	76	21.5	7		2			*			02.0	C	24.40	C	21.53	U	30	U	0.19	00.5	
03	07	64	00.5	LA	0003	36	58.3	76	21.5	7		2			*			03.0	C	24.35	C	21.81	U	25	U	0.30	00.5	
03	07	64	00.5	LA	0003	36	58.3	76	21.5	7		2			*			04.0	C	23.00	C	23.35	U	23	U	0.38	00.5	
03	07	64	00.5	LA	0003	36	58.3	76	21.5	7		2			*			05.0	C	20.80	C	25.62	U	20	U	0.25	00.5	
03	07	64	00.5	LA	0003	36	58.3	76	21.5	7		2			*			06.0	C	20.76	C	25.69		*		*	*	
03	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		2	25	18	08			00.0	C	24.45	C	21.51	L	26	D	0.27	01.2	
03	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		2	25	18	08			02.0	C	24.45	C	21.60	U	26	U	0.24	01.1	
03	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		2	25	18	08			03.0	C	24.40	C	21.68	U	26	U	0.30	01.1	
03	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		2	25	18	08			04.0	C	24.15	C	22.14	U	24	U	0.44	01.1	
03	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		2	25	18	08			05.0	C	21.80	C	24.63	U	19	U	0.25	01.1	
03	07	64	01.0	LA	0003	36	58.3	76	21.5	*7		2	25	18	08			06.0	C	20.70	C	25.78		*		*	*	
03	07	64	01.5	LA	0003	36	58.3	76	21.5	7		2			*			00.0	C	24.40	C	21.55	L	27	D	0.32	01.6	
03	07	64	01.5	LA	0003	36	58.3	76	21.5	7		2			*			02.0	C	24.40	C	21.77	U	27	U	0.30	01.5	
03	07	64	01.5	LA	0003	36	58.3	76	21.5	7		2			*			03.0	C	24.20	C	21.97	U	25	U	0.45	01.5	
03	07	64	01.5	LA	0003	36	58.3	76	21.5	7		2			*			04.0	C	23.30	C	23.00	U	25	U	0.61	01.5	
03	07	64	01.5	LA	0003	36	58.3	76	21.5	7		2			*			05.0	C	22.10	C	24.31	U	23	U	0.43	01.5	
03	07	64	01.5	LA	0003	36	58.3	76	21.5	7		2			*			06.0	C	21.65	C	24.76		*		*	*	
03	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	25	20	05			00.0	C	24.45	C	21.65	L	26	D	0.35	02.1	
03	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	25	20	05			02.0	C	24.40	C	21.73	U	26	U	0.35	02.1	
03	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	25	20	05			03.0	C	24.15	C	21.96	U	24	U	0.38	02.1	
03	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	25	20	05			04.0	C	22.60	C	23.79	U	23	U	0.38	02.1	
03	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	25	20	05			05.0	C	22.15	C	24.29	U	20	U	0.45	02.1	
03	07	64	02.0	LA	0003	36	58.3	76	21.5	*7		3	25	20	05			06.0	C	21.90	C	24.54		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
03	07	64	02.5	LA	0003	36	58.3	76	21.5	7		3			*			00.0	C	24.40	C	21.62	L	26	D	0.34	*		
03	07	64	02.5	LA	0003	36	58.3	76	21.5	7		3			*			02.0	C	24.40	C	21.65	U	27	U	0.25	*		
03	07	64	02.5	LA	0003	36	58.3	76	21.5	7		3			*			03.0	C	24.25	C	21.84	U	26	U	0.37	*		
03	07	64	02.5	LA	0003	36	58.3	76	21.5	7		3			*			04.0	C	23.40	C	22.88	U	25	U	0.37	*		
03	07	64	02.5	LA	0003	36	58.3	76	21.5	7		3			*			05.0	C	22.80	C	23.62	U	20	U	0.25	*		
03	07	64	02.5	LA	0003	36	58.3	76	21.5	7		3			*			06.0	C	21.60	C	24.84		*		*	*		
03	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	05			00.0	C	24.30	C	21.70	L	24		*	*		
03	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	05			02.0	C	24.25	C	21.86	U	27	U	0.25	03.1		
03	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	05			03.0	C	23.75	C	22.48	U	23	U	0.38	03.1		
03	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	05			04.0	C	23.55	C	22.70	U	21	U	0.27	03.1		
03	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	05			05.0	C	23.10	C	23.24	U	21	U	0.25	03.1		
03	07	64	03.0	LA	0003	36	58.3	76	21.5	*7		3	24	20	05			06.0	C	22.15	C	24.23		*		*	*		
03	07	64	03.5	LA	0003	36	58.3	76	21.5	7		4			*			00.0	C	24.20	C	21.84	L	25	D	0.18	03.9		
03	07	64	03.5	LA	0003	36	58.3	76	21.5	7		4			*			02.0	C	24.20	C	21.91	U	21	U	0.20	03.7		
03	07	64	03.5	LA	0003	36	58.3	76	21.5	7		4			*			03.0	C	24.00	C	22.13	U	24	U	0.23	03.7		
03	07	64	03.5	LA	0003	36	58.3	76	21.5	7		4			*			04.0	C	23.45	C	22.84	U	20	U	0.25	03.7		
03	07	64	03.5	LA	0003	36	58.3	76	21.5	7		4			*			05.0	C	23.25	C	23.16	U	22	U	0.05	03.7		
03	07	64	03.5	LA	0003	36	58.3	76	21.5	7		4			*			06.0	C	22.45	C	24.06		*		*	*		
03	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	04			00.0	C	24.15	C	21.89	L	25	D	0.00	04.3		
03	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	04			02.0	C	24.15	C	21.92	U	23	U	0.05	04.2		
03	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	04			03.0	C	23.90	C	22.31	U	22	U	0.05	04.2		
03	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	04			04.0	C	23.45	C	22.84	U	21	U	0.13	04.2		
03	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	04			05.0	C	22.85	C	23.60	U	22	U	0.00	04.2		
03	07	64	04.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	04			06.0	C	21.30	C	25.23		*		*	*		
03	07	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			00.0	C	24.10	C	21.94	L	27	D	0.00	04.6		
03	07	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			02.0	C	24.05	C	21.98	U	08	U	0.00	04.5		
03	07	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			03.0	C	23.70	C	22.53	U	27	U	0.00	04.5		
03	07	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			04.0	C	23.10	C	23.21	U	27	U	0.00	04.5		
03	07	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			05.0	C	22.75	C	23.61	U	11	U	0.00	04.5		
03	07	64	04.5	LA	0003	36	58.3	76	21.5	7		*			*			06.0	C	20.95	C	25.63		*		*	*		
03	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	24	20	07			00.0	C	24.05	C	21.99	L	04	D	0.21	05.2		
03	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	24	20	07			02.0	C	24.05	C	22.04	U	03	U	0.02	05.1		
03	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	24	20	07			03.0	C	23.30	C	23.06	U	03	U	0.05	05.1		
03	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	24	20	07			04.0	C	23.20	C	23.10	U	05	U	0.00	05.1		
03	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	24	20	07			05.0	C	23.15	C	23.19	U	05	U	0.00	05.1		
03	07	64	05.0	LA	0003	36	58.3	76	21.5	*7		5	24	20	07			06.0	C	22.35	C	24.11		*		*	*		
03	07	64	05.5	LA	0003	36	58.3	76	21.5	7		5			*			00.0	C	24.05	C	21.89	L	04	D	0.34	05.7		
03	07	64	05.5	LA	0003	36	58.3	76	21.5	7		5			*			02.0	C	24.05	C	22.02	U	04	U	0.23	05.5		
03	07	64	05.5	LA	0003	36	58.3	76	21.5	7		5			*			03.0	C	24.00	C	22.04	U	04	U	0.24	05.5		
03	07	64	05.5	LA	0003	36	58.3	76	21.5	7		5			*			04.0	C	23.70	C	22.47	U	04	U	0.23	05.5		
03	07	64	05.5	LA	0003	36	58.3	76	21.5	7		5			*			05.0	C	23.55	C	22.70	U	04	U	0.11	05.5		
03	07	64	05.5	LA	0003	36	58.3	76	21.5	7		5			*			06.0	C	22.70	C	23.65		*		*	*		
03	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	07			00.0	C	24.10	C	21.85	L	04	D	0.51	06.3		
03	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	07			02.0	C	24.10	C	21.85	U	04	U	0.50	06.2		
03	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	07			03.0	C	24.10	C	21.88	U	05	U	0.40	06.2		
03	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	07			04.0	C	23.95	C	22.11	U	05	U	0.45	06.2		
03	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	07			05.0	C	23.85	C	22.26	U	04	U	0.25	06.2		
03	07	64	06.0	LA	0003	36	58.3	76	21.5	*7		*	24	20	07			06.0	C	22.95	C	23.39		*		*	*		
29	06	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	27	12	04	1.9		00.0			A	21.22	L	07	D	0.34	15.0		
29	06	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	27	12	04	1.9		01.0			A	21.24		*	P	0.42	15.2		
29	06	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	27	12	04	1.9		02.0	B	24.48	A	21.24		*	P	0.36	15.2		
29	06	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	27	12	04	1.9		03.0			A	21.35		*	P	0.32	15.2		
29	06	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	27	12	04	1.9		04.0	B	24.48	A	21.38		*		*	*		
29	06	64	15.5	PA	0003	36	58.4	76	21.7	4		6			*			00.0			A	21.11	L	08	D	0.44	15.6		
29	06	64	15.5	PA	0003	36	58.4	76	21.7	4		6			*			01.0			A	21.12		*	P	0.44	15.7		
29	06	64	15.5	PA	0003	36	58.4	76	21.7	4		6			*			02.0			A	21.39		*	P	0.38	15.7		
29	06	64	15.5	PA	0003	36	58.4	76	21.7	4		6			*			03.0			A	21.42		*	P	0.29	15.7		
29	06	64	15.5	PA	0003	36	58.4	76	21.7	4		6			*			03.5			A	21.42		*		*	*		
29	06	64	15.5	PA	0003	36	58.4	76	21.7	4		6			*			03.5			A	21.42		*		*	*		

DATE DAY	MONTH	YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	MIN. & TENTHS	LONGITUDE WEST DEGREES	MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	°C	SALINITY INSTR.	‰	CURRENT DIRXN INSTR.	CODE	VELOCITY INSTR.	M/SEC.	SAMPLE TIME (E.S.T.)		
29	06	64	16.0	PA	0003	36	58.4	76	21.7	*4		6	26	12	04			00.0			A	21.18	L	07	D	0.47	16.2		
29	06	64	16.0	PA	0003	36	58.4	76	21.7	*4		6	26	12	04			01.0	B	24.24	A	21.34		*	P	0.40	16.2		
29	06	64	16.0	PA	0003	36	58.4	76	21.7	*4		6	26	12	04			02.0			A	21.34		*	P	0.30	16.2		
29	06	64	16.0	PA	0003	36	58.4	76	21.7	*4		6	26	12	04			03.0	B	24.24	A	21.42		*	P	0.26	16.2		
29	06	64	16.0	PA	0003	36	58.4	76	21.7	*4		6	26	12	04			03.5			A	21.42		*		*	*		
29	06	64	16.5	PA	0003	36	58.4	76	21.7	4		7			*			00.0			A	21.18	L	07	D	0.39	16.6		
29	06	64	16.5	PA	0003	36	58.4	76	21.7	4		7			*			01.0			A	21.34		*	P	0.31	16.7		
29	06	64	16.5	PA	0003	36	58.4	76	21.7	4		7			*			02.0			A	21.41		*	P	0.28	16.7		
29	06	64	16.5	PA	0003	36	58.4	76	21.7	4		7			*			03.0			A	21.43		*	P	0.19	16.7		
29	06	64	16.5	PA	0003	36	58.4	76	21.7	4		7			*			03.5			A	21.43		*		*	*		
29	06	64	17.0	PA	0003	36	58.4	76	21.7	*4		7	26	10	04	1.8		00.0			A	21.32	L	08	D	0.18	17.1		
29	06	64	17.0	PA	0003	36	58.4	76	21.7	*4		7	26	10	04	1.8		01.0	B	24.52	A	21.32		*	P	0.24	17.2		
29	06	64	17.0	PA	0003	36	58.4	76	21.7	*4		7	26	10	04	1.8		02.0			A	21.40		*	P	0.23	17.2		
29	06	64	17.0	PA	0003	36	58.4	76	21.7	*4		7	26	10	04	1.8		03.0	B	24.40	A	21.40		*	P	0.18	17.2		
29	06	64	17.0	PA	0003	36	58.4	76	21.7	*4		7	26	10	04	1.8		03.5			A	21.40		*		*	*		
29	06	64	17.5	PA	0003	36	58.4	76	21.7	3		7			*			00.0			A	21.38	L	09	D	0.13	17.6		
29	06	64	17.5	PA	0003	36	58.4	76	21.7	3		7			*			01.0			A	21.28		*	P	0.19	17.6		
29	06	64	17.5	PA	0003	36	58.4	76	21.7	3		7			*			02.0			A	21.36		*	P	0.14	17.6		
29	06	64	17.5	PA	0003	36	58.4	76	21.7	3		7			*			03.0			A	21.35		*	P	0.16	17.6		
29	06	64	18.0	PA	0003	36	58.4	76	21.7	*3		8	28	32	06			00.0			A	21.40	L	12	D	0.00	18.1		
29	06	64	18.0	PA	0003	36	58.4	76	21.7	*3		8	28	32	06			01.0	B	24.48	A	21.40		*	P	0.17	18.2		
29	06	64	18.0	PA	0003	36	58.4	76	21.7	*3		8	28	32	06			02.0			A	21.39		*	P	0.15	18.2		
29	06	64	18.0	PA	0003	36	58.4	76	21.7	*3		8	28	32	06			03.0	B	24.48	A	21.39		*	P	0.16	18.2		
29	06	64	18.5	PA	0003	36	58.4	76	21.7	3		8			*			00.0			A	21.47		*	D	0.00	18.6		
29	06	64	18.5	PA	0003	36	58.4	76	21.7	3		8			*			01.0			A	21.42		*	P	0.14	18.7		
29	06	64	18.5	PA	0003	36	58.4	76	21.7	3		8			*			02.0			A	21.40		*	P	0.12	18.7		
29	06	64	18.5	PA	0003	36	58.4	76	21.7	3		8			*			03.0			A	21.41		*	P	0.12	18.7		
29	06	64	19.0	PA	0003	36	58.4	76	21.7	3		8	26	1	05			00.0			A	21.39	L	22	D	0.00	19.1		
29	06	64	19.0	PA	0003	36	58.4	76	21.7	3		8	26	1	05			01.0	B	24.52	A	21.36		*	P	0.16	19.2		
29	06	64	19.0	PA	0003	36	58.4	76	21.7	3		8	26	1	05			02.0			A	21.31		*	P	0.16	19.2		
29	06	64	19.0	PA	0003	36	58.4	76	21.7	3		8	26	1	05			03.0	B	24.64	A	21.38		*		*	*		
29	06	64	19.5	PA	0003	36	58.4	76	21.7	3		1			*			00.0			A	21.28	L	24	D	0.15	19.6		
29	06	64	19.5	PA	0003	36	58.4	76	21.7	3		1			*			01.0			A	21.31		*	P	0.21	19.7		
29	06	64	19.5	PA	0003	36	58.4	76	21.7	3		1			*			02.0			A	21.25		*	P	0.18	19.7		
29	06	64	19.5	PA	0003	36	58.4	76	21.7	3		1			*			03.0			A	21.24		*		*	*		
29	06	64	20.0	PA	0003	36	58.4	76	21.7	*3		1	25	32	03			00.0			A	21.27	L	27	D	0.19	20.1		
29	06	64	20.0	PA	0003	36	58.4	76	21.7	*3		1	25	32	03			01.0	B	24.52	A	21.25		*	P	0.25	20.2		
29	06	64	20.0	PA	0003	36	58.4	76	21.7	*3		1	25	32	03			02.0			A	21.26		*	P	0.25	20.2		
29	06	64	20.0	PA	0003	36	58.4	76	21.7	*3		1	25	32	03			03.0	B	24.60	A	21.25		*		*	*		
29	06	64	20.5	PA	0003	36	58.4	76	21.7	3		2			*			00.0			A	21.27	L	28	D	0.30	20.6		
29	06	64	20.5	PA	0003	36	58.4	76	21.7	3		2			*			01.0			A	21.20		*	P	0.27	20.7		
29	06	64	20.5	PA	0003	36	58.4	76	21.7	3		2			*			02.0			A	21.19		*	P	0.27	20.7		
29	06	64	20.5	PA	0003	36	58.4	76	21.7	3		2			*			03.0			A	21.21		*		*	*		
29	06	64	21.0	PA	0003	36	58.4	76	21.7	*3		2	25	32	05			00.0			A	20.84	L	28	D	0.41	21.1		
29	06	64	21.0	PA	0003	36	58.4	76	21.7	*3		2	25	32	05			01.0	B	24.64	A	20.80		*	P	0.35	21.2		
29	06	64	21.0	PA	0003	36	58.4	76	21.7	*3		2	25	32	05			02.0			A	20.70		*	P	0.29	21.2		
29	06	64	21.0	PA	0003	36	58.4	76	21.7	*3		2	25	32	05			03.0	B	24.68	A	20.87		*		*	21.2		
29	06	64	21.5	PA	0003	36	58.4	76	21.7	3		2			*			00.0			A	20.55	L	29	D	0.46	21.6		
29	06	64	21.5	PA	0003	36	58.4	76	21.7	3		2			*			01.0			A	20.52		*	P	0.35	21.7		
29	06	64	21.5	PA	0003	36	58.4	76	21.7	3		2			*			02.0			A	20.71		*	P	0.29	21.7		
29	06	64	21.5	PA	0003	36	58.4	76	21.7	3		2			*			03.0			A	20.84		*	P	0.25	21.7		
29	06	64	22.0	PA	0003	36	58.4	76	21.7	*3		2	24	34	06			00.0			A	20.57	L	29	D	0.51	22.1		
29	06	64	22.0	PA	0003	36	58.4	76	21.7	*3		2	24	34	06			01.0	B	24.84	A	20.54		*	P	0.40	22.2		
29	06	64	22.0	PA	0003	36	58.4	76	21.7	*3		2	24	34	06			02.0			A	20.86		*	P	0.25	22.2		
29	06	64	22.0	PA	0003	36	58.4	76	21.7	*3		2	24	34	06			03.0	B	24.64	A	21.09		*	P	0.23	22.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT					SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
29	06	64	22.5	PA	0003	36	58.4	76	21.7	3		2			*			00.0			A	20.61	L	29	D	0.57		22.6	
29	06	64	22.5	PA	0003	36	58.4	76	21.7	3		2			*			01.0			A	20.63		*	P	0.44		22.7	
29	06	64	22.5	PA	0003	36	58.4	76	21.7	3		2			*			02.0			A	20.76		*	P	0.35		22.7	
29	06	64	22.5	PA	0003	36	58.4	76	21.7	3		2			*			03.0			A	20.87		*	P	0.15		22.7	
29	06	64	23.0	PA	0003	36	58.4	76	21.7	*3		3	24	32	07			00.0			A	20.90	L	29	D	0.39		23.1	
29	06	64	23.0	PA	0003	36	58.4	76	21.7	*3		3	24	32	07			01.0	B	24.64	A	20.88		*	P	0.31		23.2	
29	06	64	23.0	PA	0003	36	58.4	76	21.7	*3		3	24	32	07			02.0			A	20.89		*	P	0.33		23.2	
29	06	64	23.0	PA	0003	36	58.4	76	21.7	*3		3	24	32	07			03.0	B	24.64	A	20.94		*	P	0.27		23.2	
29	06	64	23.5	PA	0003	36	58.4	76	21.7	3		3			*			00.0			A	21.02	L	26	D	0.35		23.6	
29	06	64	23.5	PA	0003	36	58.4	76	21.7	3		3			*			01.0			A	21.05		*	P	0.27		23.7	
29	06	64	23.5	PA	0003	36	58.4	76	21.7	3		3			*			02.0			A	21.03		*	P	0.25		23.7	
29	06	64	23.5	PA	0003	36	58.4	76	21.7	3		3			*			03.0			A	21.15		*	P	0.23		23.7	
30	06	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	23	19	07			00.0			A	21.06	L	27	D	0.22		00.1	
30	06	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	23	19	07			01.0	B	24.44	A	21.06		*	P	0.20		00.2	
30	06	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	23	19	07			02.0			A	21.04		*	P	0.18		00.2	
30	06	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	23	19	07			03.0	B	24.32	A	21.03		*	P	0.18		00.2	
30	06	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	23	19	07			04.0			A	21.03		*		*		*	
30	06	64	00.5	PA	0003	36	58.4	76	21.7	4		4			*			00.0			A	21.07	L	22	D	0.00		00.6	
30	06	64	00.5	PA	0003	36	58.4	76	21.7	4		4			*			01.0			A	21.05		*	P	0.20		00.6	
30	06	64	00.5	PA	0003	36	58.4	76	21.7	4		4			*			02.0			A	20.99		*	P	0.17		00.6	
30	06	64	00.5	PA	0003	36	58.4	76	21.7	4		4			*			03.0			A	20.98		*	P	0.14		00.6	
30	06	64	00.5	PA	0003	36	58.4	76	21.7	4		4			*			04.0			A	21.03		*		*		*	
30	06	64	01.0	PA	0003	36	58.4	76	21.7	*4		4	22	20	06			00.0			A	20.90	L	08	D	0.00		01.1	
30	06	64	01.0	PA	0003	36	58.4	76	21.7	*4		4	22	20	06			01.0	B	24.44	A	20.88		*	P	0.00		01.1	
30	06	64	01.0	PA	0003	36	58.4	76	21.7	*4		4	22	20	06			02.0			A	20.90		*	P	0.14		01.1	
30	06	64	01.0	PA	0003	36	58.4	76	21.7	*4		4	22	20	06			03.0	B	24.44	A	21.03		*	P	0.12		01.1	
30	06	64	01.0	PA	0003	36	58.4	76	21.7	*4		4	22	20	06			04.0			A	21.06		*		*		*	
30	06	64	01.5	PA	0003	36	58.4	76	21.7	4		5			*			00.0			A	20.73	L	08	D	0.19		01.6	
30	06	64	01.5	PA	0003	36	58.4	76	21.7	4		5			*			01.0			A	20.71		*	P	0.20		01.7	
30	06	64	01.5	PA	0003	36	58.4	76	21.7	4		5			*			02.0			A	20.87		*	P	0.16		01.7	
30	06	64	01.5	PA	0003	36	58.4	76	21.7	4		5			*			03.0			A	20.98		*	P	0.10		01.7	
30	06	64	01.5	PA	0003	36	58.4	76	21.7	4		5			*			04.0			A	21.02		*		*		*	
30	06	64	02.0	PA	0003	36	58.4	76	21.7	*4		5	23	13	05			00.0			A	21.02	L	08	D	0.28		02.0	
30	06	64	02.0	PA	0003	36	58.4	76	21.7	*4		5	23	13	05			01.0	B	24.44	A	21.01		*	P	0.30		02.1	
30	06	64	02.0	PA	0003	36	58.4	76	21.7	*4		5	23	13	05			02.0			A	20.89		*	P	0.26		02.1	
30	06	64	02.0	PA	0003	36	58.4	76	21.7	*4		5	23	13	05			03.0	B	24.32	A	21.18		*	P	0.25		02.1	
30	06	64	02.0	PA	0003	36	58.4	76	21.7	*4		5	23	13	05			04.0			A	21.05		*		*		*	
30	06	64	02.5	PA	0003	36	58.4	76	21.7	4		5			*			00.0			A	21.15	L	07	D	0.35		02.5	
30	06	64	02.5	PA	0003	36	58.4	76	21.7	4		5			*			01.0			A	21.14		*	P	0.36		02.6	
30	06	64	02.5	PA	0003	36	58.4	76	21.7	4		5			*			02.0			A	21.18		*	P	0.34		02.6	
30	06	64	02.5	PA	0003	36	58.4	76	21.7	4		5			*			03.0			A	21.18		*	P	0.25		02.6	
30	06	64	02.5	PA	0003	36	58.4	76	21.7	4		5			*			04.0			A	21.17		*		*		*	
30	06	64	03.0	PA	0003	36	58.4	76	21.7	*4		6	23	22	04			00.0			A	21.16	L	08	D	0.51		03.0	
30	06	64	03.0	PA	0003	36	58.4	76	21.7	*4		6	23	22	04			01.0	B	24.12	A	21.18		*	P	0.50		03.1	
30	06	64	03.0	PA	0003	36	58.4	76	21.7	*4		6	23	22	04			02.0			A	21.23		*	P	0.43		03.1	
30	06	64	03.0	PA	0003	36	58.4	76	21.7	*4		6	23	22	04			03.0	B	24.08	A	21.29		*	P	0.43		03.1	
30	06	64	03.0	PA	0003	36	58.4	76	21.7	*4		6	23	22	04			04.0			A	21.30		*		*		*	
30	06	64	03.5	PA	0003	36	58.4	76	21.7	3		6			*			00.0			A	21.61	L	08	D	0.52		03.5	
30	06	64	03.5	PA	0003	36	58.4	76	21.7	3		6			*			01.0			A	21.63		*	P	0.50		03.6	
30	06	64	03.5	PA	0003	36	58.4	76	21.7	3		6			*			02.0			A	21.63		*	P	0.50		03.6	
30	06	64	03.5	PA	0003	36	58.4	76	21.7	3		6			*			03.0			A	21.60		*	P	0.40		03.6	
30	06	64	04.0	PA	0003	36	58.4	76	21.7	*3		6	23	23	04			00.0			A	21.64	L	08	D	0.52		04.0	
30	06	64	04.0	PA	0003	36	58.4	76	21.7	*3		6	23	23	04			01.0	B	23.68	A	21.62		*	P	0.44		04.1	
30	06	64	04.0	PA	0003	36	58.4	76	21.7	*3		6	23	23	04			02.0			A	21.56		*	P	0.40		04.1	
30	06	64	04.0	PA	0003	36	58.4	76	21.7	*3		6	23	23	04			03.0	B	23.72	A	21.62		*	P	0.34		04.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
30	06	64	04.5	PA	0003	36	58.4	76	21.7	3		6			*			00.0			A	21.55	L	08	D	0.39	04.5	
30	06	64	04.5	PA	0003	36	58.4	76	21.7	3		6			*			01.0			A	21.62		*	P	0.36	04.6	
30	06	64	04.5	PA	0003	36	58.4	76	21.7	3		6			*			02.0			A	21.54		*	P	0.32	04.6	
30	06	64	04.5	PA	0003	36	58.4	76	21.7	3		6			*			03.0			A	21.54		*	P	0.29	04.6	
30	06	64	05.0	PA	0003	36	58.4	76	21.7	*3		7	22	21	07			00.0			A	21.36	L	08	D	0.34	05.0	
30	06	64	05.0	PA	0003	36	58.4	76	21.7	*3		7	22	21	07			01.0	B	23.76	A	21.35		*	P	0.36	05.1	
30	06	64	05.0	PA	0003	36	58.4	76	21.7	*3		7	22	21	07			02.0			A	21.36		00	P	0.30	05.1	
30	06	64	05.0	PA	0003	36	58.4	76	21.7	*3		7	22	21	07			03.0	B	23.76	A	21.38		*	P	0.27	05.1	
30	06	64	05.5	PA	0003	36	58.4	76	21.7	3		7			*			00.0			A	21.40	L	08	D	0.28	05.5	
30	06	64	05.5	PA	0003	36	58.4	76	21.7	3		7			*			01.0			A	21.33		*	P	0.33	05.6	
30	06	64	05.5	PA	0003	36	58.4	76	21.7	3		7			*			02.0			A	21.38		*	P	0.29	05.6	
30	06	64	05.5	PA	0003	36	58.4	76	21.7	3		7			*			03.0			A	21.46		*	P	0.29	05.6	
30	06	64	06.0	PA	0003	36	58.4	76	21.7	4		7	23	1	05	1.4		00.0			A	21.32	L	08	D	0.30	06.1	
30	06	64	06.0	PA	0003	36	58.4	76	21.7	4		7	23	1	05	1.4		01.0	B	23.64	A	21.28		*	P	0.23	06.2	
30	06	64	06.0	PA	0003	36	58.4	76	21.7	4		7	23	1	05	1.4		02.0			A	21.28		*	P	0.20	06.2	
30	06	64	06.0	PA	0003	36	58.4	76	21.7	4		7	23	1	05	1.4		03.0	B	23.68	A	21.30		*		*	06.2	
30	06	64	06.5	PA	0003	36	58.4	76	21.7	4		7			*			00.0			A	21.05	L	08	D	0.14	06.6	
30	06	64	06.5	PA	0003	36	58.4	76	21.7	4		7			*			01.0			A	21.06		*	P	0.18	06.7	
30	06	64	06.5	PA	0003	36	58.4	76	21.7	4		7			*			02.0			A	21.17		*	P	0.12	06.7	
30	06	64	06.5	PA	0003	36	58.4	76	21.7	4		7			*			03.0			A	21.23		*		*	*	
30	06	64	07.0	PA	0003	36	58.4	76	21.7	4		7	26	4	05	1.3		00.0			A	20.87	L	07	D	0.16	07.1	
30	06	64	07.0	PA	0003	36	58.4	76	21.7	4		7	26	4	05	1.3		01.0	B	24.04	A	20.83		*	P	0.14	07.2	
30	06	64	07.0	PA	0003	36	58.4	76	21.7	4		7	26	4	05	1.3		02.0			A	21.03		*	P	0.12	07.2	
30	06	64	07.0	PA	0003	36	58.4	76	21.7	4		7	26	4	05	1.3		03.0	B	23.88	A	21.25		*		*	07.2	
30	06	64	07.5	PA	0003	36	58.4	76	21.7	4		8			*			00.0				20.83	L	04	D	0.00	07.6	
30	06	64	07.5	PA	0003	36	58.4	76	21.7	4		8			*			01.0				20.78		*	P	0.10	07.7	
30	06	64	07.5	PA	0003	36	58.4	76	21.7	4		8			*			02.0				20.82		*	P	0.11	07.7	
30	06	64	07.5	PA	0003	36	58.4	76	21.7	4		8			*			03.0				21.05		*		*	*	
30	06	64	08.0	PA	0003	36	58.4	76	21.7	4		8	24	3	04	1.3		00.0	B	24.00	A	20.81	L	05	D	0.00	08.1	
30	06	64	08.0	PA	0003	36	58.4	76	21.7	4		8	24	3	04	1.3		01.0	B	23.84	A	20.76		*	P	0.10	08.2	
30	06	64	08.0	PA	0003	36	58.4	76	21.7	4		8	24	3	04	1.3		02.0			A	20.77		*	P	0.14	08.2	
30	06	64	08.0	PA	0003	36	58.4	76	21.7	4		8	24	3	04	1.3		03.0	B	23.96	A	21.27		*		*	*	
30	06	64	08.5	PA	0003	36	58.4	76	21.7	4		8			*			00.0			A	20.95	L	05	D	0.00	08.6	
30	06	64	08.5	PA	0003	36	58.4	76	21.7	4		8			*			01.0			A	20.87		*	P	0.20	08.7	
30	06	64	08.5	PA	0003	36	58.4	76	21.7	4		8			*			02.0			A	20.94		*	P	0.14	08.7	
30	06	64	08.5	PA	0003	36	58.4	76	21.7	4		8			*			03.0			A	21.24		*		*	*	
30	06	64	09.0	PA	0003	36	58.4	76	21.7	*4		8	27	21	07	1.4		00.0			A	20.84	L	32	D	0.00	09.1	
30	06	64	09.0	PA	0003	36	58.4	76	21.7	*4		8	27	21	07	1.4		01.0	B	24.16	A	20.83		*	P	0.15	09.2	
30	06	64	09.0	PA	0003	36	58.4	76	21.7	*4		8	27	21	07	1.4		02.0			A	20.86		*	P	0.18	09.2	
30	06	64	09.0	PA	0003	36	58.4	76	21.7	*4		8	27	21	07	1.4		03.0	B	24.08	A	21.03		*	P	0.16	09.2	
30	06	64	09.5	PA	0003	36	58.4	76	21.7	3		1			*			00.0			A	20.88	L	27	D	0.14	09.6	
30	06	64	09.5	PA	0003	36	58.4	76	21.7	3		1			*			01.0			A	20.86		*	P	0.23	09.7	
30	06	64	09.5	PA	0003	36	58.4	76	21.7	3		1			*			02.0			A	20.88		*	P	0.23	09.7	
30	06	64	09.5	PA	0003	36	58.4	76	21.7	3		1			*			03.0			A	21.20		*	P	0.23	09.7	
30	06	64	10.0	PA	0003	36	58.4	76	21.7	*4		2	25	31	10	1.6		00.0			A	21.17	L	26	D	0.34	10.1	
30	06	64	10.0	PA	0003	36	58.4	76	21.7	*4		2	25	31	10	1.6		01.0	B	23.96	A	21.28		*	P	0.27	10.2	
30	06	64	10.0	PA	0003	36	58.4	76	21.7	*4		2	25	31	10	1.6		02.0			A	21.36		*	P	0.27	10.3	
30	06	64	10.0	PA	0003	36	58.4	76	21.7	*4		2	25	31	10	1.6		03.0	B	23.80	A	21.34		*	P	0.23	10.4	
30	06	64	10.5	PA	0003	36	58.4	76	21.7	4		2			*			00.0			A	21.04	L	26	D	0.34	10.6	
30	06	64	10.5	PA	0003	36	58.4	76	21.7	4		2			*			01.0			A	21.01		*	P	0.33	10.7	
30	06	64	10.5	PA	0003	36	58.4	76	21.7	4		2			*			02.0			A	21.29		*	P	0.37	10.7	
30	06	64	10.5	PA	0003	36	58.4	76	21.7	4		2			*			03.0			A	21.50		*	P	0.21	10.7	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT					SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
30	06	64	11.0	PA	0003	36	58.4	76	21.7	*4		2	32	25	10	1.6		00.0		24.20	A	21.05	L	26	D	0.30	11.1		
30	06	64	11.0	PA	0003	36	58.4	76	21.7	*4		2	32	25	10	1.6		01.0	B	24.20	A	21.06		*	P	0.29	11.2		
30	06	64	11.0	PA	0003	36	58.4	76	21.7	*4		2	32	25	10	1.6		02.0			A	21.44		*	P	0.27	11.2		
30	06	64	11.0	PA	0003	36	58.4	76	21.7	*4		2	32	25	10	1.6		03.0	B	23.80	A	21.45		*	P	0.21	11.2		
30	06	64	11.5	PA	0003	36	58.4	76	21.7	4		3			*			00.0			A	21.08	L	27	D	0.31	11.6		
30	06	64	11.5	PA	0003	36	58.4	76	21.7	4		3			*			01.0			A	21.09		*	P	0.33	11.7		
30	06	64	11.5	PA	0003	36	58.4	76	21.7	4		3			*			02.0			A	21.28		*	P	0.26	11.7		
30	06	64	11.5	PA	0003	36	58.4	76	21.7	4		3			*			03.0			A	21.34		*	P	0.25	11.7		
30	06	64	11.5	PA	0003	36	58.4	76	21.7	4		3			*			04.0			A	21.35		*		*	11.7		
30	06	64	12.0	PA	0003	36	58.4	76	21.7	*4		3	32	23	05	1.9		00.0			A	21.26	L	27	D	0.31	12.0		
30	06	64	12.0	PA	0003	36	58.4	76	21.7	*4		3	32	23	05	1.9		01.0	B	24.28	A	21.28		*	P	0.29	12.1		
30	06	64	12.0	PA	0003	36	58.4	76	21.7	*4		3	32	23	05	1.9		02.0			A	21.48		*	P	0.29	12.1		
30	06	64	12.0	PA	0003	36	58.4	76	21.7	*4		3	32	23	05	1.9		03.0	B	23.92	A	21.52		*	P	0.26	12.1		
30	06	64	12.5	PA	0003	36	58.4	76	21.7	4		3			*			00.0			A	21.27	L	27	D	0.32	12.5		
30	06	64	12.5	PA	0003	36	58.4	76	21.7	4		3			*			01.0			A	21.27		*	P	0.32	12.6		
30	06	64	12.5	PA	0003	36	58.4	76	21.7	4		3			*			02.0			A	21.48		*	P	0.20	12.6		
30	06	64	12.5	PA	0003	36	58.4	76	21.7	4		3			*			03.0			A	21.54		*	P	0.16	12.6		
30	06	64	12.5	PA	0003	36	58.4	76	21.7	4		3			*			04.0			A	21.56		*		*	*		
30	06	64	13.0	PA	0003	36	58.4	76	21.7	*4		3	33	23	04	2.0		00.0			A	21.19	L	27	D	0.18	13.0		
30	06	64	13.0	PA	0003	36	58.4	76	21.7	*4		3	33	23	04	2.0		01.0	B	24.36	A	21.27		*	P	0.20	13.1		
30	06	64	13.0	PA	0003	36	58.4	76	21.7	*4		3	33	23	04	2.0		02.0			A	21.43		*	P	0.17	13.1		
30	06	64	13.0	PA	0003	36	58.4	76	21.7	*4		3	33	23	04	2.0		03.0	B	23.76	A	21.49		*	P	0.14	13.1		
30	06	64	13.0	PA	0003	36	58.4	76	21.7	*4		3	33	23	04	2.0		04.0			A	21.51		*		*	*		
30	06	64	13.5	PA	0003	36	58.4	76	21.7	4		4			*			00.0			A	21.23	L	27	D	0.00	13.5		
30	06	64	13.5	PA	0003	36	58.4	76	21.7	4		4			*			01.0			A	21.34		*	P	0.16	13.6		
30	06	64	13.5	PA	0003	36	58.4	76	21.7	4		4			*			02.0			A	21.39		*	P	0.12	13.6		
30	06	64	13.5	PA	0003	36	58.4	76	21.7	4		4			*			03.0			A	21.47		*	P	0.13	13.6		
30	06	64	13.5	PA	0003	36	58.4	76	21.7	4		4			*			04.0			A	21.49		*		*	*		
30	06	64	14.0	PA	0003	36	58.4	76	21.7	*4		4	33	21	04			00.0			A	21.20	L	07	D	0.00	14.0		
30	06	64	14.0	PA	0003	36	58.4	76	21.7	*4		4	33	21	04			01.0	B	24.20	A	21.39		*	P	0.16	14.1		
30	06	64	14.0	PA	0003	36	58.4	76	21.7	*4		4	33	21	04			02.0			A	21.48		*	P	0.16	14.1		
30	06	64	14.0	PA	0003	36	58.4	76	21.7	*4		4	33	21	04			03.0	B	23.96	A	21.49	L	*	P	0.16	14.1		
30	06	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	33	23	03			01.0	B	24.72	A	21.33		*	P	0.34	15.1		
30	06	64	14.0	PA	0003	36	58.4	76	21.7	*4		4	33	21	04			04.0			A	21.51		*		*	*		
30	06	64	14.5	PA	0003	36	58.4	76	21.7	4		5			*			00.0			A	21.18	L	07	D	0.23	14.6		
30	06	64	14.5	PA	0003	36	58.4	76	21.7	4		5			*			01.0			A	21.25		*	P	0.20	14.6		
30	06	64	14.5	PA	0003	36	58.4	76	21.7	4		5			*			02.0			A	21.39		*	P	0.23	14.6		
30	06	64	14.5	PA	0003	36	58.4	76	21.7	4		5			*			03.0			A	21.47		*	P	0.23	14.6		
30	06	64	14.5	PA	0003	36	58.4	76	21.7	4		5			*			04.0			A	21.52		*		*	*		
30	06	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	33	23	03			00.0			A	21.21	L	07	D	0.30	15.0		
30	06	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	33	23	03			02.0			A	21.44		*	P	0.32	15.1		
30	06	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	33	23	03			03.0	B	24.00	A	21.43		*	P	0.28	15.1		
30	06	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	33	23	03			04.0			A	21.41		*		*	*		
30	06	64	15.5	PA	0003	36	58.4	76	21.7	3		5			*			00.0			A	21.31	L	08	D	0.39	15.5		
30	06	64	15.5	PA	0003	36	58.4	76	21.7	3		5			*			01.0			A	21.34		*	P	0.43	15.6		
30	06	64	15.5	PA	0003	36	58.4	76	21.7	3		5			*			02.0			A	21.46		*	P	0.39	15.6		
30	06	64	15.5	PA	0003	36	58.4	76	21.7	3		5			*			03.0			A	21.48		*	P	0.34	15.6		
30	06	64	16.0	PA	0003	36	58.4	76	21.7	*3		6	32	21	03	2.0		00.0			A	21.33	L	07	D	0.49	16.0		
30	06	64	16.0	PA	0003	36	58.4	76	21.7	*3		6	32	21	03	2.0		01.0	B	24.08	A	21.35		*	P	0.38	16.1		
30	06	64	16.0	PA	0003	36	58.4	76	21.7	*3		6	32	21	03	2.0		02.0			A	21.53		*	P	0.36	16.1		
30	06	64	16.0	PA	0003	36	58.4	76	21.7	*3		6	32	21	03	2.0		03.0	B	23.92	A	21.58		*	P	0.29	16.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
30	06	64	16.5	PA	0003	36	58.4	76	21.7	3		6			*			00.0			A	21.29	L	07	D	0.46	16.5	
30	06	64	16.5	PA	0003	36	58.4	76	21.7	3		6			*			01.0			A	21.40		*	P	0.42	16.7	
30	06	64	16.5	PA	0003	36	58.4	76	21.7	3		6			*			02.0			A	21.56		*	P	0.32	16.7	
30	06	64	16.5	PA	0003	36	58.4	76	21.7	3		6			*			03.0			A	21.63		*	P	0.25	16.7	
30	06	64	17.0	PA	0003	36	58.4	76	21.7	3		6	32		*	1.8		00.0			A	21.27	L	07	D	0.43	17.0	
30	06	64	17.0	PA	0003	36	58.4	76	21.7	3		6	32		*	1.8		01.0	B	24.32	A	21.42		*	P	0.40	17.1	
30	06	64	17.0	PA	0003	36	58.4	76	21.7	3		6	32		*	1.8		02.0			A	21.52		*	P	0.29	17.1	
30	06	64	17.0	PA	0003	36	58.4	76	21.7	3		6	32		*	1.8		03.0	B	23.92	A	21.63		*	P	0.23	17.1	
30	06	64	17.5	PA	0003	36	58.4	76	21.7	3		7			*			00.0			A	21.28	L	07	D	0.32	17.5	
30	06	64	17.5	PA	0003	36	58.4	76	21.7	3		7			*			01.0			A	21.31		*	P	0.34	17.6	
30	06	64	17.5	PA	0003	36	58.4	76	21.7	3		7			*			02.0			A	21.33		*	P	0.26	17.6	
30	06	64	17.5	PA	0003	36	58.4	76	21.7	3		7			*			03.0			A	21.46		*	P	0.20	17.6	
30	06	64	18.0	PA	0003	36	58.4	76	21.7	*3		7	29	19	08			00.0			A	21.32	L	08	D	0.23	18.1	
30	06	64	18.0	PA	0003	36	58.4	76	21.7	*3		7	29	19	08			01.0	B	24.36	A	21.30		*	P	0.25	18.2	
30	06	64	18.0	PA	0003	36	58.4	76	21.7	*3		7	29	19	08			02.0			A	21.35		*	P	0.19	18.2	
30	06	64	18.0	PA	0003	36	58.4	76	21.7	*3		7	29	19	08			03.0	B	24.32	A	21.39		*	P	0.12	18.2	
30	06	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			00.0			A	21.28	L	09	D	0.17	18.6	
30	06	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			01.0			A	21.25		*	P	0.21	18.7	
30	06	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			02.0			A	21.29		*	P	0.14	18.7	
30	06	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			03.0			A	21.33		*	P	0.10	18.7	
30	06	64	19.0	PA	0003	36	58.4	76	21.7	*3		7	29	19	06			00.0			A	21.19	L	08	D	0.00	19.1	
30	06	64	19.0	PA	0003	36	58.4	76	21.7	*3		7	29	19	06			01.0	B	24.52	A	21.18		*	P	0.14	19.2	
30	06	64	19.0	PA	0003	36	58.4	76	21.7	*3		7	29	19	06			02.0			A	21.21		*	P	0.12	19.2	
30	06	64	19.0	PA	0003	36	58.4	76	21.7	*3		7	29	19	06			03.0	B	24.48	A	21.23		*	P	0.10	19.2	
30	06	64	19.5	PA	0003	36	58.4	76	21.7	3		8			*			00.0			A	21.21	L	10	D	0.00	19.6	
30	06	64	19.5	PA	0003	36	58.4	76	21.7	3		8			*			01.0			A	21.23		*	T	0.20	19.8	
30	06	64	19.5	PA	0003	36	58.4	76	21.7	3		8			*			02.0			A	21.23		*		*	19.8	
30	06	64	19.5	PA	0003	36	58.4	76	21.7	3		8			*			03.0			A	21.33		*		*	19.8	
30	06	64	20.0	PA	0003	36	58.4	76	21.7	*3		8	28	21	04			00.0	B	24.44	A	21.30		*	D	0.00	20.1	
30	06	64	20.0	PA	0003	36	58.4	76	21.7	*3		8	28	21	04			01.0	B	24.04	A	21.26		*	T	0.00	20.2	
30	06	64	20.0	PA	0003	36	58.4	76	21.7	*3		8	28	21	04			02.0			A	21.32	T	35	T	0.12	20.2	
30	06	64	20.0	PA	0003	36	58.4	76	21.7	*3		8	28	21	04			03.0	B	24.04	A	21.39	T	24	T	0.11	20.2	
30	06	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			00.0			A	21.45	L	26	D	0.00	20.6	
30	06	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			01.0			A	21.43	T	32	T	0.15	20.7	
30	06	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			02.0			A	21.43	T	27	T	0.20	20.7	
30	06	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			03.0			A	21.46	T	27	T	0.22	20.7	
30	06	64	21.0	PA	0003	36	58.4	76	21.7	*3		1	28	17	04			00.0			A	21.49	L	27	D	0.29	21.1	
30	06	64	21.0	PA	0003	36	58.4	76	21.7	*3		1	28	17	04			01.0	B	24.00	A	21.47	T	29	T	0.32	21.2	
30	06	64	21.0	PA	0003	36	58.4	76	21.7	*3		1	28	17	04			02.0			A	21.47	T	29	T	0.30	21.2	
30	06	64	21.0	PA	0003	36	58.4	76	21.7	*3		1	28	17	04			03.0	B	24.08	A	21.48	T	28	T	0.35	21.2	
30	06	64	21.5	PA	0003	36	58.4	76	21.7	3		2			*			00.0			A	21.35	L	28	D	0.40	21.6	
30	06	64	21.5	PA	0003	36	58.4	76	21.7	3		2			*			01.0			A	21.37	T	29	T	0.40	21.6	
30	06	64	21.5	PA	0003	36	58.4	76	21.7	3		2			*			02.0			A	21.40	T	29	T	0.35	21.6	
30	06	64	21.5	PA	0003	36	58.4	76	21.7	3		2			*			03.0			A	21.47	T	27	T	0.25	21.6	
30	06	64	22.0	PA	0003	36	58.4	76	21.7	*3		2	29	23	06			00.0			A	20.96	L	29	D	0.40	22.1	
30	06	64	22.0	PA	0003	36	58.4	76	21.7	*3		2	29	23	06			01.0	B	24.32	A	20.92	T	29	T	0.40	22.1	
30	06	64	22.0	PA	0003	36	58.4	76	21.7	*3		2	29	23	06			02.0			A	20.85	T	28	T	0.30	22.1	
30	06	64	22.0	PA	0003	36	58.4	76	21.7	*3		2	29	23	06			03.0	B	24.36	A	21.24	T	29	T	0.22	22.1	
30	06	64	22.5	PA	0003	36	58.4	76	21.7	4		3			*			00.0			A	20.89	L	29	D	0.37	22.6	
30	06	64	22.5	PA	0003	36	58.4	76	21.7	4		3			*			01.0			A	20.80	T	29	T	0.40	22.6	
30	06	64	22.5	PA	0003	36	58.4	76	21.7	4		3			*			02.0			A	20.81	T	28	T	0.30	22.6	
30	06	64	22.5	PA	0003	36	58.4	76	21.7	4		3			*			03.0			A	21.16	T	28	T	0.22	26.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
30	06	64	23.0	PA	0003	36	58.4	76	21.7	*4		3	27	29	07			00.0	B	24.40	A	20.82	L	29	D	0.38	23.1		
30	06	64	23.0	PA	0003	36	58.4	76	21.7	*4		3	27	29	07			01.0	B	24.44	A	20.79	T	29	T	0.42	23.1		
30	06	64	23.0	PA	0003	36	58.4	76	21.7	*4		3	27	29	07			02.0			A	21.10	T	28	T	0.32	23.1		
30	06	64	23.0	PA	0003	36	58.4	76	21.7	*4		3	27	29	07			03.0	B	24.20	A	21.28	T	28	T	0.20	23.1		
30	06	64	23.5	PA	0003	36	58.4	76	21.7	4		3			*			00.0			A	20.71	L	29	D	0.47	23.6		
30	06	64	23.5	PA	0003	36	58.4	76	21.7	4		3			*			01.0			A	20.67	T	29	T	0.42	23.7		
30	06	64	23.5	PA	0003	36	58.4	76	21.7	4		3			*			02.0			A	20.89	T	28	T	0.35	23.7		
30	06	64	23.5	PA	0003	36	58.4	76	21.7	4		3			*			03.0			A	20.98	T	32	T	0.35	23.7		
30	06	64	23.5	PA	0003	36	58.4	76	21.7	4		3			*			04.0			A	21.02		*		*	23.7		
01	07	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	26	21	04			00.0			A	20.72	L	27	D	0.38	00.1		
01	07	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	26	21	04			01.0	B	24.44	A	20.76	T	29	T	0.40	00.2		
01	07	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	26	21	04			02.0			A	20.99	T	29	T	0.26	00.2		
01	07	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	26	21	04			03.0	B	24.36	A	21.23	T	29	T	0.20	00.2		
01	07	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	26	21	04			04.0			A	21.39		*		*	*		
01	07	64	00.5	PA	0003	36	58.4	76	21.7	4		3			*			00.0			A	20.79	L	26	D	0.38	00.5		
01	07	64	00.5	PA	0003	36	58.4	76	21.7	4		3			*			01.0			A	20.78	T	29	T	0.38	00.6		
01	07	64	00.5	PA	0003	36	58.4	76	21.7	4		3			*			02.0			A	20.97	T	28	T	0.28	00.6		
01	07	64	00.5	PA	0003	36	58.4	76	21.7	4		3			*			03.0			A	21.21	T	29	T	0.20	00.6		
01	07	64	00.5	PA	0003	36	58.4	76	21.7	4		3			*			04.0			A	21.25		*		*	*		
01	07	64	01.0	PA	0003	36	58.4	76	21.7	*4		3	26	21	05			00.0			A	20.97	L	26	D	0.22	01.0		
01	07	64	01.0	PA	0003	36	58.4	76	21.7	*4		3	26	21	05			01.0	B	24.32	A	20.96	T	28	T	0.18	01.2		
01	07	64	01.0	PA	0003	36	58.4	76	21.7	*4		3	26	21	05			02.0			A	20.99	T	27	T	0.15	01.2		
01	07	64	01.0	PA	0003	36	58.4	76	21.7	*4		3	26	21	05			03.0	B	24.32	A	20.98	T	27	T	0.25	01.2		
01	07	64	01.0	PA	0003	36	58.4	76	21.7	*4		3	26	21	05			04.0			A	21.00		*		*	*		
01	07	64	01.5	PA	0003	36	58.4	76	21.7	4		4			*			00.0			A	21.37	L	25	D	0.00	01.5		
01	07	64	01.5	PA	0003	36	58.4	76	21.7	4		4			*			01.0			A	21.37	T	29	T	0.08	01.6		
01	07	64	01.5	PA	0003	36	58.4	76	21.7	4		4			*			02.0			A	21.18	T	22	T	0.10	01.6		
01	07	64	01.5	PA	0003	36	58.4	76	21.7	4		4			*			03.0			A	21.17	T	23	T	0.20	01.6		
01	07	64	01.5	PA	0003	36	58.4	76	21.7	4		4			*			04.0			A	21.26		*		*	*		
01	07	64	02.0	PA	0003	36	58.4	76	21.7	*4		5	24	22	06			00.0			A	21.39	L	10	D	0.15	02.0		
01	07	64	02.0	PA	0003	36	58.4	76	21.7	*4		5	24	22	06			01.0	B	24.40	A	21.18	T	14	T	0.10	02.1		
01	07	64	02.0	PA	0003	36	58.4	76	21.7	*4		5	24	22	06			02.0			A	21.17	T	15	T	0.13	02.1		
01	07	64	02.0	PA	0003	36	58.4	76	21.7	*4		5	24	22	06			03.0	B	24.28	A	21.22	T	14	T	0.14	02.1		
01	07	64	02.0	PA	0003	36	58.4	76	21.7	*4		5	24	22	06			04.0			A	21.29		*		*	*		
01	07	64	03.0	PA	0003	36	58.4	76	21.7	*4		5	25	23	06			00.0			A	21.26	L	08	D	0.44	03.0		
01	07	64	03.0	PA	0003	36	58.4	76	21.7	*4		5	25	23	06			01.0	B	24.20	A	21.26	T	10	T	0.42	03.1		
01	07	64	03.0	PA	0003	36	58.4	76	21.7	*4		5	25	23	06			02.0			A	21.26	T	10	T	0.32	03.1		
01	07	64	03.0	PA	0003	36	58.4	76	21.7	*4		5	25	23	06			03.0	B	24.16	A	21.31	T	10	T	0.21	03.1		
01	07	64	03.0	PA	0003	36	58.4	76	21.7	*4		5	25	23	06			04.0			A	21.29		*		*	*		
01	07	64	03.5	PA	0003	36	58.4	76	21.7	3		6			*			00.0			A	21.31	L	08	D	0.50	03.5		
01	07	64	03.5	PA	0003	36	58.4	76	21.7	3		6			*			01.0			A	21.29	T	09	T	0.45	03.6		
01	07	64	03.5	PA	0003	36	58.4	76	21.7	3		6			*			02.0			A	21.31	T	10	T	0.35	03.6		
01	07	64	03.5	PA	0003	36	58.4	76	21.7	3		6			*			03.0			A	21.29	T	10	T	0.26	03.6		
01	07	64	04.0	PA	0003	36	58.4	76	21.7	*3		6	24	22	05			00.0			A	21.29	L	08	D	0.56	04.0		
01	07	64	04.0	PA	0003	36	58.4	76	21.7	*3		6	24	22	05			01.0	B	23.84	A	21.31	T	10	T	0.52	04.1		
01	07	64	04.0	PA	0003	36	58.4	76	21.7	*3		6	24	22	05			02.0			A	21.28	T	10	T	0.50	04.1		
01	07	64	04.0	PA	0003	36	58.4	76	21.7	*3		6	24	22	05			03.0	B	23.92	A	21.30	T	10	T	0.44	04.1		
01	07	64	04.5	PA	0003	36	58.4	76	21.7	3		6			*			00.0			A	21.31	L	08	D	0.58	04.5		
01	07	64	04.5	PA	0003	36	58.4	76	21.7	3		6			*			01.0			A	21.30	T	09	T	0.52	04.6		
01	07	64	04.5	PA	0003	36	58.4	76	21.7	3		6			*			02.0			A	21.30	T	09	T	0.46	04.6		
01	07	64	04.5	PA	0003	36	58.4	76	21.7	3		6			*			03.0			A	21.27	T	09	T	0.40	04.6		
01	07	64	05.0	PA	0003	36	58.4	76	21.7	*3		6	24	22	06			00.0			A	21.28	L	08	D	0.56	05.0		
01	07	64	05.0	PA	0003	36	58.4	76	21.7	*3		6	24	22	06			01.0	B	23.76	A	21.26	T	09	T	0.45	05.1		
01	07	64	05.0	PA	0003	36	58.4	76	21.7	*3		6	24	22	06			02.0			A	21.31	T	10	T	0.42	05.1		
01	07	64	05.0	PA	0003	36	58.4	76	21.7	*3		6	24	22	06			03.0	B	23.76	A	21.31	T	04	T	0.23	05.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
01	07	64	05.5	PA	0003	36	58.4	76	21.7	3		7			*			00.0			A	21.29	L	08	D	0.38	05.5	
01	07	64	05.5	PA	0003	36	58.4	76	21.7	3		7			*			01.0			A	21.29	T	10	T	0.33	05.6	
01	07	64	05.5	PA	0003	36	58.4	76	21.7	3		7			*			02.0			A	21.34	T	11	T	0.31	05.6	
01	07	64	05.5	PA	0003	36	58.4	76	21.7	3		7			*			03.0			A	21.33	T	09	T	0.20	05.6	
01	07	64	06.0	PA	0003	36	58.4	76	21.7	*3		7	25	19	07	1.7		00.0			A	21.32	L	08	D	0.25	06.1	
01	07	64	06.0	PA	0003	36	58.4	76	21.7	*3		7	25	19	07	1.7		01.0	B	23.80	A	21.34	T	10	T	0.25	06.1	
01	07	64	06.0	PA	0003	36	58.4	76	21.7	*3		7	25	19	07	1.7		02.0			A	21.38	T	10	T	0.20	06.1	
01	07	64	06.0	PA	0003	36	58.4	76	21.7	*3		7	25	19	07	1.7		03.0	B	23.64	A	21.35		*		*	*	
01	07	64	06.5	PA	0003	36	58.4	76	21.7	3		*			*			00.0			A	21.35	L	08	D	0.20	06.6	
01	07	64	06.5	PA	0003	36	58.4	76	21.7	3		*			*			01.0			A	21.35	T	10	T	0.30	06.6	
01	07	64	06.5	PA	0003	36	58.4	76	21.7	3		*			*			02.0			A	21.35	T	11	T	0.25	06.6	
01	07	64	06.5	PA	0003	36	58.4	76	21.7	3		*			*			03.0			A	21.34		*		*	*	
01	07	64	07.0	PA	0003	36	58.4	76	21.7	*3		7	27	23	05	1.7		00.0	B	23.96	A	21.34	L	09	D	0.22	07.2	
01	07	64	07.0	PA	0003	36	58.4	76	21.7	*3		7	27	23	05	1.7		01.0	B	23.96	A	21.36	T	09	T	0.25	07.3	
01	07	64	07.0	PA	0003	36	58.4	76	21.7	*3		7	27	23	05	1.7		02.0			A	20.90	T	14	T	0.15	07.3	
01	07	64	07.0	PA	0003	36	58.4	76	21.7	*3		7	27	23	05	1.7		03.0	B	23.84	A	20.99		*		*	*	
01	07	64	07.5	PA	0003	36	58.4	76	21.7	3		8			*			00.0			A	20.64	L	09	D	0.00	07.6	
01	07	64	07.5	PA	0003	36	58.4	76	21.7	3		8			*			01.0			A	20.60	T	09	T	0.12	07.7	
01	07	64	07.5	PA	0003	36	58.4	76	21.7	3		8			*			02.0			A	20.74	T	10	T	0.10	07.7	
01	07	64	07.5	PA	0003	36	58.4	76	21.7	3		8			*			03.0			A	20.88		*		*	*	
01	07	64	08.0	PA	0003	36	58.4	76	21.7	3		8			*	1.8		00.0	B	24.04	A	20.57		*	D	0.00	08.1	
01	07	64	08.0	PA	0003	36	58.4	76	21.7	3		8			*	1.8		01.0	B	24.00	A	20.55	T	09	T	0.10	08.2	
01	07	64	08.0	PA	0003	36	58.4	76	21.7	3		8			*	1.8		02.0			A	20.87	T	18	T	0.20	08.2	
01	07	64	08.0	PA	0003	36	58.4	76	21.7	3		8			*	1.8		03.0	B	23.92	A	21.03		*		*	08.2	
01	07	64	08.5	PA	0003	36	58.4	76	21.7	3		8			*			00.0			A	20.63		*	D	0.00	08.6	
01	07	64	08.5	PA	0003	36	58.4	76	21.7	3		8			*			01.0			A	20.65	T	27	T	0.07	08.7	
01	07	64	08.5	PA	0003	36	58.4	76	21.7	3		8			*			02.0			A	20.69	T	25	T	0.15	08.7	
01	07	64	08.5	PA	0003	36	58.4	76	21.7	3		8			*			03.0			A	21.05		*		*	08.7	
01	07	64	09.0	PA	0003	36	58.4	76	21.7	*3		8	28	22	05	1.4		00.0			A	20.67	L	29	D	0.00	09.1	
01	07	64	09.0	PA	0003	36	58.4	76	21.7	*3		8	28	22	05	1.4		01.0	B	23.92	A	20.67	T	27	T	0.20	09.2	
01	07	64	09.0	PA	0003	36	58.4	76	21.7	*3		8	28	22	05	1.4		02.0			A	20.86	T	32	T	0.20	09.2	
01	07	64	09.0	PA	0003	36	58.4	76	21.7	*3		8	28	22	05	1.4		03.0	B	24.00	A	21.09		*		*	09.2	
01	07	64	09.5	PA	0003	36	58.4	76	21.7	3		1			*			00.0			A	21.27	L	29	D	0.28	09.6	
01	07	64	09.5	PA	0003	36	58.4	76	21.7	3		1			*			01.0			A	21.24	T	28	T	0.30	09.7	
01	07	64	09.5	PA	0003	36	58.4	76	21.7	3		1			*			02.0			A	21.23	T	27	T	0.27	09.7	
01	07	64	09.5	PA	0003	36	58.4	76	21.7	3		1			*			03.0			A	21.24		*		*	09.7	
01	07	64	10.0	PA	0003	36	58.4	76	21.7	*4		1	30	22	06	1.5		00.0			A	21.29	L	26	D	0.47	10.1	
01	07	64	10.0	PA	0003	36	58.4	76	21.7	*4		1	30	22	06	1.5		01.0	B	23.92	A	21.30	T	27	T	0.45	10.2	
01	07	64	10.0	PA	0003	36	58.4	76	21.7	*4		1	30	22	06	1.5		02.0			A	21.36	T	28	T	0.35	10.2	
01	07	64	10.0	PA	0003	36	58.4	76	21.7	*4		1	30	22	06	1.5		03.0	B	23.96	A	21.37	T	27	T	0.30	10.2	
01	07	64	10.5	PA	0003	36	58.4	76	21.7	4		2			*			00.0			A	21.13	L	29	D	0.51	10.6	
01	07	64	10.5	PA	0003	36	58.4	76	21.7	4		2			*			01.0			A	21.03	T	29	T	0.50	10.7	
01	07	64	10.5	PA	0003	36	58.4	76	21.7	4		2			*			02.0			A	21.28	T	28	T	0.35	10.7	
01	07	64	10.5	PA	0003	36	58.4	76	21.7	4		2			*			03.0			A	21.36	T	28	T	0.30	10.7	
01	07	64	11.0	PA	0003	36	58.4	76	21.7	*4		3	33	20	03	1.5		00.0	B	24.48	A	20.86	L	26	D	0.40	11.1	
01	07	64	11.0	PA	0003	36	58.4	76	21.7	*4		3	33	20	03	1.5		01.0	B	23.84	A	20.84	T	27	T	0.40	11.2	
01	07	64	11.0	PA	0003	36	58.4	76	21.7	*4		3	33	20	03	1.5		02.0			A	21.21	T	28	T	0.35	11.2	
01	07	64	11.0	PA	0003	36	58.4	76	21.7	*4		3	33	20	03	1.5		03.0	B	23.84	A	21.24	T	28	T	0.32	11.2	
01	07	64	11.5	PA	0003	36	58.4	76	21.7	4		2			*			00.0			A	20.62	L	29	D	0.51	11.6	
01	07	64	11.5	PA	0003	36	58.4	76	21.7	4		2			*			01.0			A	20.62	T	29	T	0.45	11.7	
01	07	64	11.5	PA	0003	36	58.4	76	21.7	4		2			*			02.0			A	21.05	T	29	T	0.37	11.7	
01	07	64	11.5	PA	0003	36	58.4	76	21.7	4		2			*			03.0			A	21.17	T	30	T	0.25	11.7	
01	07	64	11.5	PA	0003	36	58.4	76	21.7	4		2			*			04.0			A	21.21		*		*	11.7	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
01	07	64	12.0	PA	0003	36	58.4	76	21.7	*4		2	34	23	02	1.6		00.0			A	20.77	L	26	D	0.51	12.1			
01	07	64	12.0	PA	0003	36	58.4	76	21.7	*4		2	34	23	02	1.6		01.0	B	24.00	A	20.93	T	29	T	0.42	12.2			
01	07	64	12.0	PA	0003	36	58.4	76	21.7	*4		2	34	23	02	1.6		02.0			A	21.16	T	29	T	0.40	12.2			
01	07	64	12.0	PA	0003	36	58.4	76	21.7	*4		2	34	23	02	1.6		03.0	B	23.96	A	21.17	T	28	T	0.35	12.2			
01	07	64	12.0	PA	0003	36	58.4	76	21.7	*4		2	34	23	02	1.6		04.0			A	21.20		*		*	12.2			
01	07	64	12.5	PA	0003	36	58.4	76	21.7	4		2			*			00.0			A	20.73	L	26	D	0.57	12.5			
01	07	64	12.5	PA	0003	36	58.4	76	21.7	4		2			*			01.0			A	21.03	T	28	T	0.44	12.6			
01	07	64	12.5	PA	0003	36	58.4	76	21.7	4		2			*			02.0			A	21.13	T	28	T	0.35	12.6			
01	07	64	12.5	PA	0003	36	58.4	76	21.7	4		2			*			03.0			A	21.24	T	28	T	0.29	12.6			
01	07	64	12.5	PA	0003	36	58.4	76	21.7	4		2			*			04.0			A	21.23		*		*	*			
01	07	64	13.0	PA	0003	36	58.4	76	21.7	*4		3	32	23	03			00.0			A	20.86	L	26	D	0.48	13.0			
01	07	64	13.0	PA	0003	36	58.4	76	21.7	*4		3	32	23	03			01.0	B	24.00	A	21.02	T	29	T	0.38	13.1			
01	07	64	13.0	PA	0003	36	58.4	76	21.7	*4		3	32	23	03			02.0			A	21.20	T	28	T	0.37	13.1			
01	07	64	13.0	PA	0003	36	58.4	76	21.7	*4		3	32	23	03			03.0	B	23.92	A	21.26	T	28	T	0.35	13.1			
01	07	64	13.0	PA	0003	36	58.4	76	21.7	*4		3	32	23	03			04.0			A	21.28		*		*	*			
01	07	64	13.5	PA	0003	36	58.4	76	21.7	4		3			*			00.0			A	21.41	L	25	D	0.27	13.5			
01	07	64	13.5	PA	0003	36	58.4	76	21.7	4		3			*			01.0			A	21.44	T	28	T	0.24	13.6			
01	07	64	13.5	PA	0003	36	58.4	76	21.7	4		3			*			02.0			A	21.44	T	27	T	0.29	13.6			
01	07	64	13.5	PA	0003	36	58.4	76	21.7	4		3			*			03.0			A	21.44	T	29	T	0.30	13.6			
01	07	64	13.5	PA	0003	36	58.4	76	21.7	4		3			*			04.0			A	21.43		*		*	*			
01	07	64	14.0	PA	0003	36	58.4	76	21.7	*4		4	33	23	03			00.0			A	21.48	L	23	D	0.00	14.0			
01	07	64	14.0	PA	0003	36	58.4	76	21.7	*4		4	33	23	03			01.0	B	24.20	A	21.47	T	32	T	0.09	14.1			
01	07	64	14.0	PA	0003	36	58.4	76	21.7	*4		4	33	23	03			02.0			A	21.43	T	21	T	0.15	14.1			
01	07	64	14.0	PA	0003	36	58.4	76	21.7	*4		4	33	23	03			03.0	B	24.08	A	21.51	T	23	T	0.26	14.1			
01	07	64	14.0	PA	0003	36	58.4	76	21.7	*4		4	33	23	03			04.0			A	21.47		*		*	*			
01	07	64	14.5	PA	0003	36	58.4	76	21.7	4		4			*			00.0			A	21.10	L	17	D	0.00	14.1			
01	07	64	14.5	PA	0003	36	58.4	76	21.7	4		4			*			01.0			A	21.05	T	19	T	0.10	14.1			
01	07	64	14.5	PA	0003	36	58.4	76	21.7	4		4			*			02.0			A	21.05	T	19	T	0.12	14.1			
01	07	64	14.5	PA	0003	36	58.4	76	21.7	4		4			*			03.0			A	21.20	T	19	T	0.26	14.1			
01	07	64	14.5	PA	0003	36	58.4	76	21.7	4		4			*			04.0			A	21.38		*		*	*			
01	07	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	30	27	03	1.9		00.0			A	21.08	L	12	D	0.16	15.0			
01	07	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	30	27	03	1.9		01.0			A	21.04	T	15	T	0.15	15.1			
01	07	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	30	27	03	1.9		02.0			A	21.07	T	14	T	0.12	15.1			
01	07	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	30	27	03	1.9		03.0			A	21.30	T	14	T	0.16	15.1			
01	07	64	15.0	PA	0003	36	58.4	76	21.7	*4		5	30	27	03	1.9		04.0			A	21.47		*		*	*			
01	07	64	15.5	PA	0003	36	58.4	76	21.7	4		5			*			00.0			A	21.05	L	10	D	0.25	15.5			
01	07	64	15.5	PA	0003	36	58.4	76	21.7	4		5			*			01.0			A	21.03	T	12	T	0.29	15.6			
01	07	64	15.5	PA	0003	36	58.4	76	21.7	4		5			*			02.0			A	21.09	T	13	T	0.21	15.6			
01	07	64	15.5	PA	0003	36	58.4	76	21.7	4		5			*			03.0			A	21.35	T	12	T	0.13	15.6			
01	07	64	15.5	PA	0003	36	58.4	76	21.7	4		5			*			04.0			A	21.46		*		*	*			
01	07	64	16.0	PA	0003	36	58.4	76	21.7	*3		5	28	15	01			00.0			A	21.18	L	08	D	0.35	16.0			
01	07	64	16.0	PA	0003	36	58.4	76	21.7	*3		5	28	15	01			01.0	B	24.56	A	21.16	T	12	T	0.32	16.1			
01	07	64	16.0	PA	0003	36	58.4	76	21.7	*3		5	28	15	01			02.0			A	21.34	T	10	T	0.30	16.1			
01	07	64	16.0	PA	0003	36	58.4	76	21.7	*3		5	28	15	01			03.0	B	24.24	A	21.40	T	10	T	0.20	16.1			
01	07	64	16.5	PA	0003	36	58.4	76	21.7	3		5			*			00.0			A	21.18	L	08	D	0.44	16.5			
01	07	64	16.5	PA	0003	36	58.4	76	21.7	3		5			*			01.0			A	21.20	T	10	T	0.35	16.6			
01	07	64	16.5	PA	0003	36	58.4	76	21.7	3		5			*			02.0			A	21.28	T	10	T	0.30	16.6			
01	07	64	16.5	PA	0003	36	58.4	76	21.7	3		5			*			03.0			A	21.33	T	11	T	0.26	16.6			
01	07	64	17.0	PA	0003	36	58.4	76	21.7	*3		5	29	14	02			00.0			A	21.34	L	08	D	0.46	17.0			
01	07	64	17.0	PA	0003	36	58.4	76	21.7	*3		5	29	14	02			01.0	B	24.04	A	21.33	T	11	T	0.42	17.1			
01	07	64	17.0	PA	0003	36	58.4	76	21.7	*3		5	29	14	02			02.0			A	21.32	T	12	T	0.41	17.1			
01	07	64	17.0	PA	0003	36	58.4	76	21.7	*3		5	29	14	02			03.0	B	23.92	A	21.30	T	11	T	0.36	17.1			
01	07	64	17.5	PA	0003	36	58.4	76	21.7	3		6			*			00.0			A	21.50	L	08	D	0.46	17.4			
01	07	64	17.5	PA	0003	36	58.4	76	21.7	3		6			*			01.0			A	21.47	T	11	T	0.47	17.5			
01	07	64	17.5	PA	0003	36	58.4	76	21.7	3		6			*			02.0			A	21.49	T	11	T	0.42	17.5			
01	07	64	17.5	PA	0003	36	58.4	76	21.7	3		6			*			03.0			A	21.56	T	11	T	0.32	17.5			

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
01	07	64	18.0	PA	0003	36	58.4	76	21.7	*3		6		21	03			00.0			A	21.76	L	08	D	0.47	18.1		
01	07	64	18.0	PA	0003	36	58.4	76	21.7	*3		6		21	03			01.0	B	23.80	A	21.76	T	09	T	0.45	18.2		
01	07	64	18.0	PA	0003	36	58.4	76	21.7	*3		6		21	03			02.0			A	21.76	T	09	T	0.40	18.2		
01	07	64	18.0	PA	0003	36	58.4	76	21.7	*3		6		21	03			03.0	B	23.72	A	21.77		*		*	18.2		
01	07	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			00.0			A	21.60	L	08	D	0.29	18.6		
01	07	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			01.0			A	21.57	T	09	T	0.32	18.7		
01	07	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			02.0			A	21.55	T	09	T	0.25	18.7		
01	07	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			03.0			A	21.58		*		*	18.7		
01	07	64	19.0	PA	0003	36	58.4	76	21.7	*3		7		20	03			00.0			A	21.47	L	07	D	0.27	19.1		
01	07	64	19.0	PA	0003	36	58.4	76	21.7	*3		7		20	03			01.0	B	23.96	A	21.47	T	09	T	0.27	19.2		
01	07	64	19.0	PA	0003	36	58.4	76	21.7	*3		7		20	03			02.0			A	21.58	T	14	T	0.17	19.3		
01	07	64	19.0	PA	0003	36	58.4	76	21.7	*3		7		20	03			03.0	B	23.88	A	21.68		*		*	19.4		
01	07	64	19.5	PA	0003	36	58.4	76	21.7	3		7			*			00.0			A	21.34	L	07	D	0.19	19.6		
01	07	64	19.5	PA	0003	36	58.4	76	21.7	3		7			*			01.0			A	21.30	T	09	T	0.20	19.7		
01	07	64	19.5	PA	0003	36	58.4	76	21.7	3		7			*			02.0			A	21.42	T	14	T	0.12	19.7		
01	07	64	19.5	PA	0003	36	58.4	76	21.7	3		7			*			03.0			A	21.62		*		*	19.7		
01	07	64	20.0	PA	0003	36	58.4	76	21.7	*3		8		20	03			00.0	B	24.16	A	21.26	L	07	D	0.00	20.1		
01	07	64	20.0	PA	0003	36	58.4	76	21.7	*3		8		20	03			01.0	B	24.12	A	21.20	T	09	T	0.10	20.2		
01	07	64	20.0	PA	0003	36	58.4	76	21.7	*3		8		20	03			02.0			A	21.39	T	14	T	0.15	20.2		
01	07	64	20.0	PA	0003	36	58.4	76	21.7	*3		8		20	03			03.0	B	23.80	A	21.56		*		*	20.2		
01	07	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			00.0			A	21.12	L	08	D	0.00	20.6		
01	07	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			01.0			A	21.11	T	14	T	0.05	20.7		
01	07	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			02.0			A	21.14	T	22	T	0.15	20.7		
01	07	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			03.0			A	21.63		*		*	*		
01	07	64	21.0	PA	0003	36	58.4	76	21.7	*3		8		20	03			00.0			A	21.23		*	D	0.00	21.1		
01	07	64	21.0	PA	0003	36	58.4	76	21.7	*3		8		20	03			01.0	B	24.12	A	21.21	T	27	T	0.10	21.2		
01	07	64	21.0	PA	0003	36	58.4	76	21.7	*3		8		20	03			02.0			A	21.33	T	27	T	0.15	21.2		
01	07	64	21.0	PA	0003	36	58.4	76	21.7	*3		8		20	03			03.0	B	23.92	A	21.65		*		*	21.2		
01	07	64	21.5	PA	0003	36	58.4	76	21.7	3		8			*			00.0			A	21.23	L	26	D	0.00	21.6		
01	07	64	21.5	PA	0003	36	58.4	76	21.7	3		8			*			01.0			A	21.23	T	27	T	0.15	21.7		
01	07	64	21.5	PA	0003	36	58.4	76	21.7	3		8			*			02.0			A	21.32	T	27	T	0.25	21.7		
01	07	64	21.5	PA	0003	36	58.4	76	21.7	3		8			*			03.0			A	21.51		*		*	21.7		
01	07	64	22.0	PA	0003	36	58.4	76	21.7	*3		1		15	08			00.0			A	21.50	L	29	D	0.25	22.1		
01	07	64	22.0	PA	0003	36	58.4	76	21.7	*3		1		15	08			03.0	B	23.84	A	21.52		*		*	22.2		
01	07	64	22.0	PA	0003	36	58.4	76	21.7	*3		1		15	08			02.0			A	21.36	T	30	T	0.35	22.2		
01	07	64	22.0	PA	0003	36	58.4	76	21.7	*3		1		15	08			01.0	B	23.88	A	21.50	T	27	T	0.27	22.2		
01	07	64	22.5	PA	0003	36	58.4	76	21.7	3		1			*			00.0			A	21.55	L	29	D	0.40	22.6		
01	07	64	22.5	PA	0003	36	58.4	76	21.7	3		1			*			01.0			A	21.58	T	29	T	0.45	22.7		
01	07	64	22.5	PA	0003	36	58.4	76	21.7	3		1			*			02.0			A	21.63	T	28	T	0.37	22.7		
01	07	64	22.5	PA	0003	36	58.4	76	21.7	3		1			*			03.0			A	21.68	T	27	T	0.35	22.7		
01	07	64	23.0	PA	0003	36	58.4	76	21.7	*4		2		19	08			00.0	B	24.20	A	21.05	L	30	D	0.39	23.1		
01	07	64	23.0	PA	0003	36	58.4	76	21.7	*4		2		19	08			01.0	B	24.16	A	20.97	T	30	T	0.40	23.2		
01	07	64	23.0	PA	0003	36	58.4	76	21.7	*4		2		19	08			02.0			A	20.97	T	29	T	0.34	23.2		
01	07	64	23.0	PA	0003	36	58.4	76	21.7	*4		2		19	08			03.0	B	24.04	A	21.08	T	28	T	0.35	23.2		
01	07	64	23.5	PA	0003	36	58.4	76	21.7	3		3			*			00.0			A	20.95	L	28	D	0.34	23.6		
01	07	64	23.5	PA	0003	36	58.4	76	21.7	3		3			*			01.0			A	20.94	T	29	T	0.35	23.7		
01	07	64	23.5	PA	0003	36	58.4	76	21.7	3		3			*			02.0			A	20.94	T	29	T	0.35	23.7		
01	07	64	23.5	PA	0003	36	58.4	76	21.7	3		3			*			03.0			A	20.94	T	27	T	0.30	23.7		
02	07	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	25	18	08			00.0			A	20.98	L	27	D	0.36	00.0		
02	07	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	25	18	08			01.0	B	24.24	A	20.95	T	28	T	0.37	00.1		
02	07	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	25	18	08			02.0			A	20.95	T	28	T	0.33	00.1		
02	07	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	25	18	08			03.0	B	24.24	A	21.03	T	27	T	0.31	00.1		
02	07	64	00.0	PA	0003	36	58.4	76	21.7	*4		3	25	18	08			04.0			A	21.13		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
02	07	64	00.5	PA	0003	36	58.4	76	21.7	4	3			*		00.0			A	21.00	L	28	D	0.34	00.6
02	07	64	00.5	PA	0003	36	58.4	76	21.7	4	3			*		01.0			A	21.00	T	29	T	0.33	00.6
02	07	64	00.5	PA	0003	36	58.4	76	21.7	4	3			*		02.0			A	21.00	T	29	T	0.30	00.6
02	07	64	00.5	PA	0003	36	58.4	76	21.7	4	3			*		03.0			A	21.07	T	29	T	0.35	00.6
02	07	64	00.5	PA	0003	36	58.4	76	21.7	4	3			*		04.0			A	21.17		*		*	*
02	07	64	01.0	PA	0003	36	58.4	76	21.7	*4	3	24	21	09		00.0			A	20.98	L	27	D	0.22	01.0
02	07	64	01.0	PA	0003	36	58.4	76	21.7	*4	3	24	21	09		01.0	B	24.12	A	20.94	T	28	T	0.25	01.1
02	07	64	01.0	PA	0003	36	58.4	76	21.7	*4	3	24	21	09		02.0			A	20.97	T	28	T	0.22	01.1
02	07	64	01.0	PA	0003	36	58.4	76	21.7	*4	3	24	21	09		03.0	B	24.12	A	20.97	T	27	T	0.27	01.1
02	07	64	01.0	PA	0003	36	58.4	76	21.7	*4	3	24	21	09		04.0			A	20.93		*		*	*
02	07	64	01.5	PA	0003	36	58.4	76	21.7	4	3			*		00.0			A	20.94	L	26	D	0.11	01.6
02	07	64	01.5	PA	0003	36	58.4	76	21.7	4	3			*		01.0			A	20.91	T	28	T	0.20	01.6
02	07	64	01.5	PA	0003	36	58.4	76	21.7	4	3			*		02.0			A	20.95	T	29	T	0.18	01.6
02	07	64	01.5	PA	0003	36	58.4	76	21.7	4	3			*		03.0			A	20.99	T	27	T	0.30	01.6
02	07	64	01.5	PA	0003	36	58.4	76	21.7	4	3			*		04.0			A	21.01		*		*	*
02	07	64	02.0	PA	0003	36	58.4	76	21.7	*4	4	24	20	07		00.0			A	21.01		*	D	0.00	02.0
02	07	64	02.0	PA	0003	36	58.4	76	21.7	*4	4	24	20	07		01.0	B	24.04	A	20.90	T	26	T	0.10	02.1
02	07	64	02.0	PA	0003	36	58.4	76	21.7	*4	4	24	20	07		02.0			A	20.95	T	28	T	0.10	02.1
02	07	64	02.0	PA	0003	36	58.4	76	21.7	*4	4	24	20	07		03.0	B	24.04	A	20.99	T	27	T	0.12	02.1
02	07	64	02.0	PA	0003	36	58.4	76	21.7	*4	4	24	20	07		04.0			A	21.03		*		*	*
02	07	64	02.5	PA	0003	36	58.4	76	21.7	4	4			*		00.0			A	20.95	L	15	D	0.00	02.6
02	07	64	02.5	PA	0003	36	58.4	76	21.7	4	4			*		01.0			A	20.93	T	17	T	0.12	02.6
02	07	64	02.5	PA	0003	36	58.4	76	21.7	4	4			*		02.0			A	20.92	T	16	T	0.10	02.6
02	07	64	02.5	PA	0003	36	58.4	76	21.7	4	4			*		03.0			A	20.98	T	17	T	0.10	02.6
02	07	64	02.5	PA	0003	36	58.4	76	21.7	4	4			*		04.0			A	21.42		*		*	*
02	07	64	03.0	PA	0003	36	58.4	76	21.7	*4	5	23	20	07		00.0			A	20.95	L	08	D	0.18	03.1
02	07	64	03.0	PA	0003	36	58.4	76	21.7	*4	5	23	20	07		01.0	B	24.04	A	20.91	T	12	T	0.16	03.1
02	07	64	03.0	PA	0003	36	58.4	76	21.7	*4	5	23	20	07		02.0			A	20.93	T	13	T	0.10	03.1
02	07	64	03.0	PA	0003	36	58.4	76	21.7	*4	5	23	20	07		03.0	B	24.00	A	20.96	T	11	T	0.15	03.1
02	07	64	03.0	PA	0003	36	58.4	76	21.7	*4	5	23	20	07		04.0			A	21.55		*		*	*
02	07	64	03.5	PA	0003	36	58.4	76	21.7	4	5			*		00.0			A	21.00	L	08	D	0.25	03.5
02	07	64	03.5	PA	0003	36	58.4	76	21.7	4	5			*		01.0			A	20.97	T	14	T	0.25	03.6
02	07	64	03.5	PA	0003	36	58.4	76	21.7	4	5			*		02.0			A	21.00	T	12	T	0.21	03.6
02	07	64	03.5	PA	0003	36	58.4	76	21.7	4	5			*		03.0			A	21.08	T	12	T	0.17	03.6
02	07	64	03.5	PA	0003	36	58.4	76	21.7	4	5			*		04.0			A	21.56		*		*	*
02	07	64	04.0	PA	0003	36	58.4	76	21.7	*4	5	23	21	06		00.0			A	21.14	L	08	D	0.40	04.0
02	07	64	04.0	PA	0003	36	58.4	76	21.7	*4	5	23	21	06		01.0	B	23.80	A	21.12	T	11	T	0.41	04.1
02	07	64	04.0	PA	0003	36	58.4	76	21.7	*4	5	23	21	06		02.0			A	21.15	T	11	T	0.40	04.1
02	07	64	04.0	PA	0003	36	58.4	76	21.7	*4	5	23	21	06		03.0	B	23.80	A	21.33	T	12	T	0.25	04.1
02	07	64	04.0	PA	0003	36	58.4	76	21.7	*4	5	23	21	06		04.0			A	21.37		*		*	*
02	07	64	04.5	PA	0003	36	58.4	76	21.7	3	6			*		00.0			A	21.37	L	08	D	0.48	04.5
02	07	64	04.5	PA	0003	36	58.4	76	21.7	3	6			*		01.0			A	21.29	T	17	T	0.47	04.5
02	07	64	04.5	PA	0003	36	58.4	76	21.7	3	6			*		02.0			A	21.38	T	17	T	0.41	04.5
02	07	64	04.5	PA	0003	36	58.4	76	21.7	3	6			*		03.0			A	21.38	T	17	T	0.35	04.5
02	07	64	05.0	PA	0003	36	58.4	76	21.7	*3	5	23	21	06		00.0			A	21.55	L	08	D	0.51	05.0
02	07	64	05.0	PA	0003	36	58.4	76	21.7	*3	5	23	21	06		01.0	B	23.60	A	21.54	T	18	T	0.50	05.0
02	07	64	05.0	PA	0003	36	58.4	76	21.7	*3	5	23	21	06		02.0			A	21.53	T	17	T	0.47	05.0
02	07	64	05.0	PA	0003	36	58.4	76	21.7	*3	5	23	21	06		03.0	B	23.60	A	21.50	T	17	T	0.40	05.0
02	07	64	05.5	PA	0003	36	58.4	76	21.7	3	6			*		00.0			A	21.56	L	08	D	0.50	05.5
02	07	64	05.5	PA	0003	36	58.4	76	21.7	3	6			*		01.0			A	21.54	T	19	T	0.45	05.6
02	07	64	05.5	PA	0003	36	58.4	76	21.7	3	6			*		02.0			A	21.56	T	18	T	0.43	05.6
02	07	64	05.5	PA	0003	36	58.4	76	21.7	3	6			*		03.0			A	21.54	T	18	T	0.33	05.6
02	07	64	06.0	PA	0003	36	58.4	76	21.7	*3	6	24	20	08	1.4	00.0			A	21.56	L	08	D	0.40	06.1
02	07	64	06.0	PA	0003	36	58.4	76	21.7	*3	6	24	20	08	1.4	01.0	B	23.44	A	21.58	T	18	T	0.37	06.2
02	07	64	06.0	PA	0003	36	58.4	76	21.7	*3	6	24	20	08	1.4	02.0			A	21.58	T	18	T	0.37	06.2
02	07	64	06.0	PA	0003	36	58.4	76	21.7	*3	6	24	20	08	1.4	03.0	B	23.48	A	21.50		*		*	06.2

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
02	07	64	06.5	PA	0003	36	58.4	76	21.7	3		6			*			00.0			A	21.44	L	08	D	0.29	06.6	
02	07	64	06.5	PA	0003	36	58.4	76	21.7	3		6			*			01.0			A	21.41	T	22	T	0.30	06.7	
02	07	64	06.5	PA	0003	36	58.4	76	21.7	3		6			*			02.0			A	21.41	T	18	T	0.25	06.7	
02	07	64	06.5	PA	0003	36	58.4	76	21.7	3		6			*			03.0			A	21.41		*		*	*	
02	07	64	07.0	PA	0003	36	58.4	76	21.7	*3		7	27	24	08	1.8		00.0			A	21.41	L	08	D	0.25	07.1	
02	07	64	07.0	PA	0003	36	58.4	76	21.7	*3		7	27	24	08	1.8		01.0	B	23.52	A	21.40	T	12	T	0.22	07.2	
02	07	64	07.0	PA	0003	36	58.4	76	21.7	*3		7	27	24	08	1.8		02.0			A	21.39	T	18	T	0.22	07.2	
02	07	64	07.0	PA	0003	36	58.4	76	21.7	*3		7	27	24	08	1.8		03.0	B	23.52	A	21.38		*		*	*	
02	07	64	07.5	PA	0003	36	58.4	76	21.7	3		7			*			00.0			A	21.39	L	08	D	0.27	07.6	
02	07	64	07.5	PA	0003	36	58.4	76	21.7	3		7			*			01.0			A	21.38	T	18	T	0.20	07.7	
02	07	64	07.5	PA	0003	36	58.4	76	21.7	3		7			*			02.0			A	21.38	T	18	T	0.20	07.7	
02	07	64	07.5	PA	0003	36	58.4	76	21.7	3		7			*			03.0			A	21.36		*		*	*	
02	07	64	08.0	PA	0003	36	58.4	76	21.7	*3		7	27	22	08	1.6		00.0	B	23.84	A	20.82	L	08	D	0.21	08.1	
02	07	64	08.0	PA	0003	36	58.4	76	21.7	*3		7	27	22	08	1.6		01.0	B	23.84	A	20.77	T	16	T	0.15	08.2	
02	07	64	08.0	PA	0003	36	58.4	76	21.7	*3		7	27	22	08	1.6		02.0			A	20.84	T	13	T	0.10	08.2	
02	07	64	08.0	PA	0003	36	58.4	76	21.7	*3		7	27	22	08	1.6		03.0	B	23.80	A	21.05		*		*	08.2	
02	07	64	08.5	PA	0003	36	58.4	76	21.7	3		8			*			00.0			A	20.69	L	07	D	0.00	08.6	
02	07	64	08.5	PA	0003	36	58.4	76	21.7	3		8			*			01.0			A	20.80	T	18	T	0.02	08.7	
02	07	64	08.5	PA	0003	36	58.4	76	21.7	3		8			*			02.0			A	20.82	T	18	T	0.10	08.7	
02	07	64	08.5	PA	0003	36	58.4	76	21.7	3		8			*			03.0			A	20.96		*		*	08.7	
02	07	64	09.0	PA	0003	36	58.4	76	21.7	*3		8	23	22	06	1.5		00.0			A	20.89		*	D	0.00	09.1	
02	07	64	09.0	PA	0003	36	58.4	76	21.7	*3		8	23	22	06	1.5		01.0	B	23.84	A	20.86	T	27	T	0.00	09.2	
02	07	64	09.0	PA	0003	36	58.4	76	21.7	*3		8	23	22	06	1.5		02.0			A	20.95	T	27	T	0.15	08.2	
02	07	64	09.0	PA	0003	36	58.4	76	21.7	*3		8	23	22	06	1.5		03.0	B	23.68	A	21.35		*		*	09.2	
02	07	64	09.5	PA	0003	36	58.4	76	21.7	3		8			*			00.0			A	20.84		*	D	0.00	09.6	
02	07	64	09.5	PA	0003	36	58.4	76	21.7	3		8			*			01.0			A	20.89	T	27	T	0.02	09.7	
02	07	64	09.5	PA	0003	36	58.4	76	21.7	3		8			*			02.0			A	21.03	T	27	T	0.00	09.7	
02	07	64	09.5	PA	0003	36	58.4	76	21.7	3		8			*			03.0			A	21.45		*		*	09.7	
02	07	64	10.0	PA	0003	36	58.4	76	21.7	*3		1	29	24	03	1.6		00.0			A	20.92	L	26	D	0.13	10.1	
02	07	64	10.0	PA	0003	36	58.4	76	21.7	*3		1	29	24	03	1.6		01.0	B	23.96	A	20.94	T	27	T	0.20	10.2	
02	07	64	10.0	PA	0003	36	58.4	76	21.7	*3		1	29	24	03	1.6		02.0			A	21.14	T	27	T	0.10	10.2	
02	07	64	10.0	PA	0003	36	58.4	76	21.7	*3		1	29	24	03	1.6		03.0	B	23.92	A	21.54		*		*	10.2	
02	07	64	10.5	PA	0003	36	58.4	76	21.7	3		1			*			00.0			A	21.34	L	29	D	0.47	10.6	
02	07	64	10.5	PA	0003	36	58.4	76	21.7	3		1			*			01.0			A	21.42	T	30	T	0.37	10.7	
02	07	64	10.5	PA	0003	36	58.4	76	21.7	3		1			*			02.0			A	21.58	T	28	T	0.10	10.7	
02	07	64	10.5	PA	0003	36	58.4	76	21.7	3		1			*			03.0			A	21.59		*		*	10.7	
02	07	64	11.0	PA	0003	36	58.4	76	21.7	*4		2	29	23	03	1.7		00.0	B	24.12	A	21.28	L	29	D	0.45	11.1	
02	07	64	11.0	PA	0003	36	58.4	76	21.7	*4		2	29	23	03	1.7		01.0	B	23.68	A	21.28	T	29	T	0.37	11.2	
02	07	64	11.0	PA	0003	36	58.4	76	21.7	*4		2	29	23	03	1.7		02.0			A	21.47	T	28	T	0.32	11.2	
02	07	64	11.0	PA	0003	36	58.4	76	21.7	*4		2	29	23	03	1.7		03.0	B	23.60	A	21.53	T	27	T	0.15	11.2	
02	07	64	11.5	PA	0003	36	58.4	76	21.7	4		2			*			00.0			A	21.33	L	26	D	0.40	11.6	
02	07	64	11.5	PA	0003	36	58.4	76	21.7	4		2			*			01.0			A	21.40	T	29	T	0.30	11.7	
02	07	64	11.5	PA	0003	36	58.4	76	21.7	4		2			*			02.0			A	21.63	T	30	T	0.30	11.7	
02	07	64	11.5	PA	0003	36	58.4	76	21.7	4		2			*			03.0			A	21.70	T	28	T	0.25	11.7	
02	07	64	12.0	PA	0003	36	58.4	76	21.7	*4		2	30	20	05	1.7		00.0			A	20.87	L	26	D	0.49	12.0	
02	07	64	12.0	PA	0003	36	58.4	76	21.7	*4		2	30	20	05	1.7		01.0	B	23.88	A	20.87	T	29	T	0.52	12.1	
02	07	64	12.0	PA	0003	36	58.4	76	21.7	*4		2	30	20	05	1.7		02.0			A	21.37	T	29	T	0.44	12.1	
02	07	64	12.0	PA	0003	36	58.4	76	21.7	*4		2	30	20	05	1.7		03.0	B	23.44	A	21.95	T	28	T	0.28	12.1	
02	07	64	12.0	PA	0003	36	58.4	76	21.7	*4		2	30	20	05	1.7		04.0			A	22.31		*		*	*	
02	07	64	12.5	PA	0003	36	58.4	76	21.7	4		2			*			00.0			A	21.04	L	26	D	0.58	12.5	
02	07	64	12.5	PA	0003	36	58.4	76	21.7	4		2			*			01.0			A	21.17	T	29	T	0.45	12.6	
02	07	64	12.5	PA	0003	36	58.4	76	21.7	4		2			*			02.0			A	21.40	T	29	T	0.33	12.6	
02	07	64	12.5	PA	0003	36	58.4	76	21.7	4		2			*			03.0			A	21.48	T	29	T	0.20	12.6	
02	07	64	12.5	PA	0003	36	58.4	76	21.7	4		2			*			04.0			A	21.49		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
02	07	64	13.0	PA	0003	36	58.4	76	21.7	*4		2	28	19	05	1.7		00.0			A	21.05	L	26	D	0.61	13.0	
02	07	64	13.0	PA	0003	36	58.4	76	21.7	*4		2	28	19	05	1.7		01.0	B	23.88	A	21.01	T	29	T	0.35	13.2	
02	07	64	13.0	PA	0003	36	58.4	76	21.7	*4		2	28	19	05	1.7		02.0			A	21.23	T	28	T	0.26	13.2	
02	07	64	13.0	PA	0003	36	58.4	76	21.7	*4		2	28	19	05	1.7		03.0	B	23.72	A	21.44	T	27	T	0.16	13.2	
02	07	64	13.0	PA	0003	36	58.4	76	21.7	*4		2	28	19	05	1.7		04.0			A	21.77		*		*	*	
02	07	64	13.5	PA	0003	36	58.4	76	21.7	4		2			*			00.0			A	20.99	L	26	D	0.59	13.5	
02	07	64	13.5	PA	0003	36	58.4	76	21.7	4		2			*			01.0			A	21.00	T	29	T	0.43	13.6	
02	07	64	13.5	PA	0003	36	58.4	76	21.7	4		2			*			02.0			A	21.25	T	27	T	0.29	13.6	
02	07	64	13.5	PA	0003	36	58.4	76	21.7	4		2			*			03.0			A	21.45	T	29	T	0.25	13.6	
02	07	64	13.5	PA	0003	36	58.4	76	21.7	4		2			*			04.0			A	21.54		*		*	*	
02	07	64	14.0	PA	0003	36	58.4	76	21.7	4		3	31		*			00.0			A	21.36	L	23	D	0.33	14.0	
02	07	64	14.0	PA	0003	36	58.4	76	21.7	4		3	31		*			01.0	B	23.72	A	21.35	T	28	T	0.10	14.1	
02	07	64	14.0	PA	0003	36	58.4	76	21.7	4		3	31		*			02.0			A	21.35	T	27	T	0.02	14.1	
02	07	64	14.0	PA	0003	36	58.4	76	21.7	4		3	31		*			03.0	B	23.68	A	21.38	T	27	T	0.02	14.1	
02	07	64	14.0	PA	0003	36	58.4	76	21.7	4		3	31		*			04.0			A	21.42		*		*	*	
02	07	64	14.5	PA	0003	36	58.4	76	21.7	4		3			*			00.0			A	21.72	L	24	D	0.39	14.5	
02	07	64	14.5	PA	0003	36	58.4	76	21.7	4		3			*			01.0			A	21.70	T	28	T	0.17	14.6	
02	07	64	14.5	PA	0003	36	58.4	76	21.7	4		3			*			02.0			A	21.70	T	28	T	0.15	14.6	
02	07	64	14.5	PA	0003	36	58.4	76	21.7	4		3			*			03.0			A	21.70	T	27	T	0.00	14.6	
02	07	64	14.5	PA	0003	36	58.4	76	21.7	4		3			*			04.0			A	21.66		*		*	*	
02	07	64	15.0	PA	0003	36	58.4	76	21.7	*4		3	31	19	06	1.8		00.0			A	21.87	L	20	D	0.20	15.0	
02	07	64	15.0	PA	0003	36	58.4	76	21.7	*4		3	31	19	06	1.8		01.0	B	24.00	A	21.85	T	27	T	0.05	15.1	
02	07	64	15.0	PA	0003	36	58.4	76	21.7	*4		3	31	19	06	1.8		02.0			A	21.89	T	27	T	0.05	15.1	
02	07	64	15.0	PA	0003	36	58.4	76	21.7	*4		3	31	19	06	1.8		03.0	B	23.88	A	21.89	T	26	T	0.10	15.1	
02	07	64	15.0	PA	0003	36	58.4	76	21.7	*4		3	31	19	06	1.8		04.0			A	21.90		*		*	*	
02	07	64	15.5	PA	0003	36	58.4	76	21.7	4		3			*			00.0			A	21.90	L	26	D	0.14	15.5	
02	07	64	15.5	PA	0003	36	58.4	76	21.7	4		3			*			01.0			A	21.88	T	27	T	0.04	15.6	
02	07	64	15.5	PA	0003	36	58.4	76	21.7	4		3			*			02.0			A	21.89	T	27	T	0.02	15.6	
02	07	64	15.5	PA	0003	36	58.4	76	21.7	4		3			*			03.0			A	21.90	T	26	T	0.02	15.6	
02	07	64	15.5	PA	0003	36	58.4	76	21.7	4		3			*			04.0			A	21.90		*		*	*	
02	07	64	16.0	PA	0003	36	58.4	76	21.7	*4		4	30	18	06	1.7		00.0			A	21.90	L	08	D	0.00	16.0	
02	07	64	16.0	PA	0003	36	58.4	76	21.7	*4		4	30	18	06	1.7		01.0	B	24.16	A	21.86	T	22	T	0.00	16.1	
02	07	64	16.0	PA	0003	36	58.4	76	21.7	*4		4	30	18	06	1.7		02.0			A	21.83	T	18	T	0.01	16.1	
02	07	64	16.0	PA	0003	36	58.4	76	21.7	*4		4	30	18	06	1.7		03.0	B	23.84	A	21.89	T	18	T	0.20	16.1	
02	07	64	16.0	PA	0003	36	58.4	76	21.7	*4		4	30	18	06	1.7		04.0			A	21.91		*		*	*	
02	07	64	16.5	PA	0003	36	58.4	76	21.7	4		5			*			00.0			A	21.41	L	08	D	0.23	16.5	
02	07	64	16.5	PA	0003	36	58.4	76	21.7	4		5			*			01.0			A	21.39	T	16	T	0.03	16.6	
02	07	64	16.5	PA	0003	36	58.4	76	21.7	4		5			*			02.0			A	21.68	T	17	T	0.00	16.6	
02	07	64	16.5	PA	0003	36	58.4	76	21.7	4		5			*			03.0			A	21.69	T	16	T	0.00	16.6	
02	07	64	16.5	PA	0003	36	58.4	76	21.7	4		5			*			04.0			A	21.88		*		*	*	
02	07	64	17.0	PA	0003	36	58.4	76	21.7	*4		5	30	18	08			00.0			A	21.30	L	08	D	0.40	17.0	
02	07	64	17.0	PA	0003	36	58.4	76	21.7	*4		5	30	18	08			01.0	B	24.16	A	21.20	T	16	T	0.25	17.1	
02	07	64	17.0	PA	0003	36	58.4	76	21.7	*4		5	30	18	08			02.0			A	21.27	T	15	T	0.05	17.1	
02	07	64	17.0	PA	0003	36	58.4	76	21.7	*4		5	30	18	08			03.0	B	23.80	A	21.50	T	14	T	0.05	17.1	
02	07	64	17.0	PA	0003	36	58.4	76	21.7	*4		5	30	18	08			04.0			A	21.81		*		*	*	
02	07	64	17.5	PA	0003	36	58.4	76	21.7	4		6			*			00.0			A	21.22	L	08	D	0.53	17.5	
02	07	64	17.5	PA	0003	36	58.4	76	21.7	4		6			*			01.0			A	21.18	T	15	T	0.42	17.5	
02	07	64	17.5	PA	0003	36	58.4	76	21.7	4		6			*			02.0			A	21.24	T	13	T	0.20	17.5	
02	07	64	17.5	PA	0003	36	58.4	76	21.7	4		6			*			03.0			A	21.65	T	14	T	0.00	17.5	
02	07	64	17.5	PA	0003	36	58.4	76	21.7	4		6			*			04.0			A	21.71		*		*	*	
02	07	64	18.0	PA	0003	36	58.4	76	21.7	*3		6	30	18	06	1.5		00.0			A	21.28	L	08	D	0.58	18.1	
02	07	64	18.0	PA	0003	36	58.4	76	21.7	*3		6	30	18	06	1.5		01.0	B	24.04	A	21.26	T	09	T	0.45	18.2	
02	07	64	18.0	PA	0003	36	58.4	76	21.7	*3		6	30	18	06	1.5		02.0			A	21.39	T	14	T	0.40	18.2	
02	07	64	18.0	PA	0003	36	58.4	76	21.7	*3		6	30	18	06	1.5		03.0	B	23.88	A	21.45	T	10	T	0.25	18.2	
02	07	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			00.0			A	21.44	L	08	D	0.36	18.5	
02	07	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			01.0			A	21.51	T	09	T	0.45	18.6	
02	07	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			02.0			A	21.44	T	11	T	0.05	18.6	
02	07	64	18.5	PA	0003	36	58.4	76	21.7	3		7			*			03.0			A	21.71	T	10	T	0.25	18.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
02	07	64	19.0	PA	0003	36	58.4	76	21.7	*3		7	28	21	05			00.0			A	21.63	L	08	D	0.46	19.1		
02	07	64	19.0	PA	0003	36	58.4	76	21.7	*3		7	28	21	05			01.0	B	23.44	A	21.71	T	14	T	0.37	19.2		
02	07	64	19.0	PA	0003	36	58.4	76	21.7	*3		7	28	21	05			02.0			A	22.29	T	14	T	0.00	19.2		
02	07	64	19.0	PA	0003	36	58.4	76	21.7	*3		7	28	21	05			03.0	B	23.20	A	22.41		*		*	19.2		
02	07	64	19.5	PA	0003	36	58.4	76	21.7	3		7			*			00.0			A	21.85	L	09	D	0.48	19.5		
02	07	64	19.5	PA	0003	36	58.4	76	21.7	3		7			*			01.0			A	21.97	T	14	T	0.22	19.6		
02	07	64	19.5	PA	0003	36	58.4	76	21.7	3		7			*			02.0			A	22.17	T	14	T	0.05	19.6		
02	07	64	19.5	PA	0003	36	58.4	76	21.7	3		7			*			03.0			A	22.37		*		*	*		
02	07	64	20.0	PA	0003	36	58.4	76	21.7	*3		7	27	18	05			00.0			A	21.77	L	08	D	0.27	20.0		
02	07	64	20.0	PA	0003	36	58.4	76	21.7	*3		7	27	18	05			01.0	B	23.60	A	21.82	T	14	T	0.05	20.1		
02	07	64	20.0	PA	0003	36	58.4	76	21.7	*3		7	27	18	05			02.0			A	21.96	T	13	T	0.00	20.1		
02	07	64	20.0	PA	0003	36	58.4	76	21.7	*3		7	27	18	05			03.0	B	23.40	A	22.33		*		*	*		
02	07	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			00.0			A	21.84		*	D	0.00	20.5		
02	07	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			01.0			A	21.88	T	09	T	0.00	20.6		
02	07	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			02.0			A	22.05	T	14	T	0.00	20.6		
02	07	64	20.5	PA	0003	36	58.4	76	21.7	3		8			*			03.0			A	22.14		*		*	*		
02	07	64	21.0	PA	0003	36	58.4	76	21.7	*3		8	27	15	09			00.0			A	21.85		*	D	0.00	21.1		
02	07	64	21.0	PA	0003	36	58.4	76	21.7	*3		8	27	15	09			01.0	B	23.44	A	21.81	T	18	T	0.00	21.2		
02	07	64	21.0	PA	0003	36	58.4	76	21.7	*3		8	27	15	09			02.0			A	21.84	T	18	T	0.00	21.2		
02	07	64	21.0	PA	0003	36	58.4	76	21.7	*3		8	27	15	09			03.0	B	23.20	A	22.21		*		*	*		
02	07	64	21.5	PA	0003	36	58.4	76	21.7	3		8			*			00.0			A	21.82		*	D	0.00	21.5		
02	07	64	21.5	PA	0003	36	58.4	76	21.7	3		8			*			01.0			A	21.80	T	15	T	0.10	21.6		
02	07	64	21.5	PA	0003	36	58.4	76	21.7	3		8			*			02.0			A	21.86	T	26	T	0.00	21.6		
02	07	64	21.5	PA	0003	36	58.4	76	21.7	3		8			*			03.0			A	21.95		*		*	21.6		
02	07	64	22.0	PA	0003	36	58.4	76	21.7	*3		8	26	16	09			00.0			A	21.86	L	26	D	0.00	22.1		
02	07	64	22.0	PA	0003	36	58.4	76	21.7	*3		8	26	16	09			01.0	B	23.42	A	21.81	T	26	T	0.05	22.2		
02	07	64	22.0	PA	0003	36	58.4	76	21.7	*3		8	26	16	09			02.0			A	21.77	T	27	T	0.10	22.2		
02	07	64	22.0	PA	0003	36	58.4	76	21.7	*3		8	26	16	09			03.0	B	23.60	A	21.88		*		*	22.2		
02	07	64	22.5	PA	0003	36	58.4	76	21.7	3		1			*			00.0			A	21.90	L	27	D	0.13	22.5		
02	07	64	22.5	PA	0003	36	58.4	76	21.7	3		1			*			01.0			A	21.89	T	27	T	0.05	22.6		
02	07	64	22.5	PA	0003	36	58.4	76	21.7	3		1			*			02.0			A	21.88	T	30	T	0.05	22.6		
02	07	64	22.5	PA	0003	36	58.4	76	21.7	3		1			*			03.0			A	21.88		*		*	*		
02	07	64	23.0	PA	0003	36	58.4	76	21.7	*3		1	26	18	09			00.0	B	23.32	A	21.87	L	29	D	0.20	23.1		
02	07	64	23.0	PA	0003	36	58.4	76	21.7	*3		1	26	18	09			01.0	B	23.40	A	21.92	T	30	T	0.10	23.2		
02	07	64	23.0	PA	0003	36	58.4	76	21.7	*3		1	26	18	09			02.0			A	21.92	T	28	T	0.22	23.2		
02	07	64	23.0	PA	0003	36	58.4	76	21.7	*3		1	26	18	09			03.0	B	23.56	A	21.92		*		*	23.2		
02	07	64	23.5	PA	0003	36	58.4	76	21.7	3		1			*			00.0			A	21.97	L	27	D	0.29	23.6		
02	07	64	23.5	PA	0003	36	58.4	76	21.7	3		1			*			01.0			A	22.01	T	30	T	0.20	23.7		
02	07	64	23.5	PA	0003	36	58.4	76	21.7	3		1			*			02.0			A	22.02	T	27	T	0.10	23.7		
02	07	64	23.5	PA	0003	36	58.4	76	21.7	3		1			*			03.0			A	22.17		*		*	23.7		
03	07	64	00.0	PA	0003	36	58.4	76	21.7	*3		1	26	19	08			00.0			A	22.01	L	29	D	0.24	00.1		
03	07	64	00.0	PA	0003	36	58.4	76	21.7	*3		1	26	19	08			01.0	B	23.28	A	21.96	T	32	T	0.15	00.1		
03	07	64	00.0	PA	0003	36	58.4	76	21.7	*3		1	26	19	08			02.0			A	21.97	T	30	T	0.12	00.1		
03	07	64	00.0	PA	0003	36	58.4	76	21.7	*3		1	26	19	08			03.0	B	23.16	A	21.98	T	27	T	0.15	00.1		
03	07	64	00.5	PA	0003	36	58.4	76	21.7	3		1			*			00.0			A	21.86	L	28	D	0.19	00.1		
03	07	64	00.5	PA	0003	36	58.4	76	21.7	3		1			*			01.0			A	21.81	T	35	T	0.10	00.1		
03	07	64	00.5	PA	0003	36	58.4	76	21.7	3		1			*			02.0			A	21.85	T	34	T	0.10	00.1		
03	07	64	00.5	PA	0003	36	58.4	76	21.7	3		1			*			03.0			A	22.06	T	28	T	0.01	00.1		
03	07	64	01.0	PA	0003	36	58.4	76	21.7	*3		1	25	18	08			00.0			A	21.78	L	26	D	0.26	01.1		
03	07	64	01.0	PA	0003	36	58.4	76	21.7	*3		1	25	18	08			01.0	B	23.40	A	21.78	T	29	T	0.15	01.1		
03	07	64	01.0	PA	0003	36	58.4	76	21.7	*3		1	25	18	08			02.0			A	21.85	T	29	T	0.15	01.1		
03	07	64	01.0	PA	0003	36	58.4	76	21.7	*3		1	25	18	08			03.0	B	23.44	A	21.95	T	28	T	0.05	01.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.				
03	07	64	01.5	PA	0003	36	58.4	76	21.7	4		1			*			00.0			A	21.73	L	26	D	0.30	01.6		
03	07	64	01.5	PA	0003	36	58.4	76	21.7	4		1			*			01.0			A	21.74	T	29	T	0.20	01.6		
03	07	64	01.5	PA	0003	36	58.4	76	21.7	4		1			*			02.0			A	21.75	T	30	T	0.25	01.6		
03	07	64	01.5	PA	0003	36	58.4	76	21.7	4		1			*			03.0			A	21.86	T	29	T	0.04	01.6		
03	07	64	01.5	PA	0003	36	58.4	76	21.7	4		1			*			04.0			A	21.90		*		*	*		
03	07	64	02.0	PA	0003	36	58.4	76	21.7	*4		1	25	20	05			00.0	B	23.48	A	21.81	L	26	D	0.33	02.1		
03	07	64	02.0	PA	0003	36	58.4	76	21.7	*4		1	25	20	05			01.0	B	23.48	A	21.81	T	29	T	0.15	02.1		
03	07	64	02.0	PA	0003	36	58.4	76	21.7	*4		1	25	20	05			02.0			A	21.85	T	28	T	0.10	02.1		
03	07	64	02.0	PA	0003	36	58.4	76	21.7	*4		1	25	20	05			03.0	B	23.48	A	21.92	T	30	T	0.01	02.1		
03	07	64	02.0	PA	0003	36	58.4	76	21.7	*4		1	25	20	05			04.0			A	21.96		*		*	*		
03	07	64	02.5	PA	0003	36	58.4	76	21.7	4		*			*			00.0			A	21.87	L	25	D	0.26	02.5		
03	07	64	02.5	PA	0003	36	58.4	76	21.7	4		*			*			01.0			A	21.86	T	31	T	0.15	02.6		
03	07	64	02.5	PA	0003	36	58.4	76	21.7	4		*			*			02.0			A	21.85	T	31	T	0.18	02.6		
03	07	64	02.5	PA	0003	36	58.4	76	21.7	4		*			*			03.0			A	21.86	T	29	T	0.10	02.6		
03	07	64	02.5	PA	0003	36	58.4	76	21.7	4		*			*			04.0			A	22.37		*		*	*		
03	07	64	03.0	PA	0003	36	58.4	76	21.7	*4		1	24	20	05			00.0			A	21.85	L	26	D	0.24	03.1		
03	07	64	03.0	PA	0003	36	58.4	76	21.7	*4		1	24	20	05			01.0	B	23.32	A	21.83		*		*	*		
03	07	64	03.0	PA	0003	36	58.4	76	21.7	*4		1	24	20	05			02.0			A	21.98		*		*	*		
03	07	64	03.0	PA	0003	36	58.4	76	21.7	*4		1	24	20	05			03.0	B	23.28	A	22.24		*		*	*		
03	07	64	03.0	PA	0003	36	58.4	76	21.7	*4		1	24	20	05			04.0			A	22.33		*		*	*		
03	07	64	03.5	PA	0003	36	58.4	76	21.7	4		3			*			00.0			A	21.84	L	26	D	0.10	03.6		
03	07	64	03.5	PA	0003	36	58.4	76	21.7	4		3			*			01.0			A	21.83		*		*	*		
03	07	64	03.5	PA	0003	36	58.4	76	21.7	4		3			*			02.0			A	21.82		*		*	*		
03	07	64	03.5	PA	0003	36	58.4	76	21.7	4		3			*			03.0			A	21.86		*		*	*		
03	07	64	03.5	PA	0003	36	58.4	76	21.7	4		3			*			04.0			A	22.37		*		*	*		
03	07	64	04.0	PA	0003	36	58.4	76	21.7	*4		4	24	20	04			00.0			A	21.86	L	08	D	0.00	04.1		
03	07	64	04.0	PA	0003	36	58.4	76	21.7	*4		4	24	20	04			01.0	B	23.40	A	21.86		*		*	*		
03	07	64	04.0	PA	0003	36	58.4	76	21.7	*4		4	24	20	04			02.0			A	22.02		*		*	*		
03	07	64	04.0	PA	0003	36	58.4	76	21.7	*4		4	24	20	04			03.0	B	23.20	A	22.34		*		*	*		
03	07	64	04.0	PA	0003	36	58.4	76	21.7	*4		4	24	20	04			04.0			A	22.49		*		*	*		
03	07	64	04.5	PA	0003	36	58.4	76	21.7	4		5			*			00.0			A	21.86	L	09	D	0.22	04.6		
03	07	64	04.5	PA	0003	36	58.4	76	21.7	4		5			*			01.0			A	21.97		*		*	04.6		
03	07	64	04.5	PA	0003	36	58.4	76	21.7	4		5			*			02.0			A	21.87		*		*	04.6		
03	07	64	04.5	PA	0003	36	58.4	76	21.7	4		5			*			03.0			A	22.18		*		*	04.6		
03	07	64	04.5	PA	0003	36	58.4	76	21.7	4		5			*			04.0			A	22.45		*		*	04.6		
03	07	64	05.0	PA	0003	36	58.4	76	21.7	*4		5	24	20	07			00.0	B	23.20	A	21.95	L	08	D	0.35	05.1		
03	07	64	05.0	PA	0003	36	58.4	76	21.7	*4		5	24	20	07			01.0	B	23.24	A	21.92	T	16	T	0.25	05.1		
03	07	64	05.0	PA	0003	36	58.4	76	21.7	*4		5	24	20	07			02.0			A	21.95	T	14		*	*		
03	07	64	05.0	PA	0003	36	58.4	76	21.7	*4		5	24	20	07			03.0	B	23.20	A	22.21	T	14		*	*		
03	07	64	05.0	PA	0003	36	58.4	76	21.7	*4		5	24	20	07			04.0			A	22.36		*		*	*		
03	07	64	05.5	PA	0003	36	58.4	76	21.7	4		6			*			00.0			A	21.99	L	09	D	0.48	05.6		
03	07	64	05.5	PA	0003	36	58.4	76	21.7	4		6			*			01.0			A	21.97		*		*	*		
03	07	64	05.5	PA	0003	36	58.4	76	21.7	4		6			*			02.0			A	22.02		*		*	*		
03	07	64	05.5	PA	0003	36	58.4	76	21.7	4		6			*			03.0			A	22.13		*		*	*		
03	07	64	05.5	PA	0003	36	58.4	76	21.7	4		6			*			04.0			A	22.19		*		*	*		
01	07	64	11.0	IN	0003	36	58.8	76	22.2	*3		2	33	20	03	1.6		00.0	O	26.53	R	21.23	S	01	S	0.23	11.3		
01	07	64	11.0	IN	0003	36	58.8	76	22.2	*3		2	33	20	03	1.6		01.0	O	26.31	R	21.23	S	01	S	0.20	11.3		
01	07	64	11.0	IN	0003	36	58.8	76	22.2	*3		2	33	20	03	1.6		02.0	O	26.27	R	21.21	S	36	S	0.20	11.3		
01	07	64	11.0	IN	0003	36	58.8	76	22.2	*3		2	33	20	03	1.6		03.0	O	26.20	R	21.21	S	36	S	0.16	11.3		
01	07	64	11.5	IN	0003	36	58.8	76	22.2	3		2			*			00.0	O	27.10	R	21.02	S	01	S	0.12	11.8		
01	07	64	11.5	IN	0003	36	58.8	76	22.2	3		2			*			01.0	O	26.61	R	21.12	S	01	S	0.17	11.8		
01	07	64	11.5	IN	0003	36	58.8	76	22.2	3		2			*			02.0	O	26.36	R	21.19	S	01	S	0.20	11.8		
01	07	64	11.5	IN	0003	36	58.8	76	22.2	3		2			*			03.0	O	26.30	R	21.15	S	01	S	0.25	11.8		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
01	07	64	12.0	IN	0003	36	58.8	76	22.2	*3		3	34	23	02	1.5		00.0	0	26.74	R	20.82	S	01	S	0.19	12.1		
01	07	64	12.0	IN	0003	36	58.8	76	22.2	*3		3	34	23	02	1.5		01.0	0	26.54	R	20.94	S	01	S	0.18	12.1		
01	07	64	12.0	IN	0003	36	58.8	76	22.2	*3		3	34	23	02	1.5		02.0	0	26.38	R	21.06	S	01	S	0.15	12.2		
01	07	64	12.0	IN	0003	36	58.8	76	22.2	*3		3	34	23	02	1.5		03.0	0	26.33	R	21.11	S	36	S	0.10	12.2		
01	07	64	12.5	IN	0003	36	58.8	76	22.2	3		2			*			00.0	0	26.96	R	21.04	S	01	S	0.15	*		
01	07	64	12.5	IN	0003	36	58.8	76	22.2	3		2			*			01.0	0	26.61	R	21.01	S	01	S	0.10	12.6		
01	07	64	12.5	IN	0003	36	58.8	76	22.2	3		2			*			02.0	0	26.49	R	21.03	S	01	S	0.09	12.6		
01	07	64	12.5	IN	0003	36	58.8	76	22.2	3		2			*			03.0	0	26.32	R	21.03	S	01	S	0.08	12.6		
01	07	64	13.0	IN	0003	36	58.8	76	22.2	*3		5	32	23	03	1.6		00.0	0	26.27	R	21.10	S	01	S	0.08	13.1		
01	07	64	13.0	IN	0003	36	58.8	76	22.2	*3		5	32	23	03	1.6		01.0	0	26.66	R	21.08	S	01	S	0.09	13.1		
01	07	64	13.0	IN	0003	36	58.8	76	22.2	*3		5	32	23	03	1.6		02.0	0	26.41	R	21.10	S	36	S	0.08	13.1		
01	07	64	13.0	IN	0003	36	58.8	76	22.2	*3		5	32	23	03	1.6		03.0	0	26.29	R	21.17	S	36	S	0.08	13.1		
01	07	64	13.5	IN	0003	36	58.8	76	22.2	3		5			*			00.0	0	27.05	R	21.09	S	08	S	0.05	13.6		
01	07	64	13.5	IN	0003	36	58.8	76	22.2	3		5			*			01.0	0	26.72	R	21.11	S	02	S	0.03	13.6		
01	07	64	13.5	IN	0003	36	58.8	76	22.2	3		5			*			02.0	0	26.41	R	21.13	S	01	S	0.08	13.6		
01	07	64	13.5	IN	0003	36	58.8	76	22.2	3		5			*			03.0	0	26.27	R	21.18	S	36	S	0.05	13.6		
01	07	64	14.0	IN	0003	36	58.8	76	22.2	*3		5	33	23	03	1.4		00.0	0	26.86	R	21.01	S	08	S	0.05	14.0		
01	07	64	14.0	IN	0003	36	58.8	76	22.2	*3		5	33	23	03	1.4		01.0		26.60	R	21.09	S	08	S	0.03	14.0		
01	07	64	14.0	IN	0003	36	58.8	76	22.2	*3		5	33	23	03	1.4		02.0	0	26.45	R	21.07	S	08	S	0.02	14.0		
01	07	64	14.0	IN	0003	36	58.8	76	22.2	*3		5	33	23	03	1.4		03.0	0	26.28	R	21.13	S	08	S	0.04	14.0		
01	07	64	14.5	IN	0003	36	58.8	76	22.2	3		5			*			00.0	0	27.00	R	21.09	S	09	S	0.13	14.6		
01	07	64	14.5	IN	0003	36	58.8	76	22.2	3		5			*			01.0	0	26.69	R	21.07	S	10	S	0.10	14.6		
01	07	64	14.5	IN	0003	36	58.8	76	22.2	3		5			*			02.0	0	26.58	R	21.07	S	11	S	0.08	14.6		
01	07	64	14.5	IN	0003	36	58.8	76	22.2	3		5			*			03.0	0	26.37	R	21.26	S	18	S	0.08	14.6		
01	07	64	15.0	IN	0003	36	58.8	76	22.2	*3		5	30	21	03	1.7		00.0	0	26.89	R	21.09	S	09	S	0.20	15.0		
01	07	64	15.0	IN	0003	36	58.8	76	22.2	*3		5	30	21	03	1.7		01.0	0	26.69	R	21.05	S	09	S	0.15	15.0		
01	07	64	15.0	IN	0003	36	58.8	76	22.2	*3		5	30	21	03	1.7		02.0		26.55	R	21.06	S	09	S	0.15	15.0		
01	07	64	15.0	IN	0003	36	58.8	76	22.2	*3		5	30	21	03	1.7		03.0	0	26.38	R	21.11	S	10	S	0.10	15.0		
01	07	64	15.5	IN	0003	36	58.8	76	22.2	3		5			*			00.0	0	26.88	R	21.12	S	09	S	0.26	15.5		
01	07	64	15.5	IN	0003	36	58.8	76	22.2	3		5			*			01.0	0	26.59	R	21.08	S	10	S	0.26	15.5		
01	07	64	15.5	IN	0003	36	58.8	76	22.2	3		5			*			02.0	0	26.54	R	21.10	S	10	S	0.20	15.5		
01	07	64	15.5	IN	0003	36	58.8	76	22.2	3		5			*			03.0	0	26.48	R	21.15	S	11	S	0.15	15.5		
01	07	64	16.0	IN	0003	36	58.8	76	22.2	*3		6	28	15	05	1.6		00.0	0	26.77			S	09	S	0.35	16.0		
01	07	64	16.0	IN	0003	36	58.8	76	22.2	*3		6	28	15	05	1.6		01.0	0	26.59	R	21.70	S	09	S	0.33	16.0		
01	07	64	16.0	IN	0003	36	58.8	76	22.2	*3		6	28	15	05	1.6		02.0	0	26.49	R	21.15	S	09	S	0.29	16.0		
01	07	64	16.0	IN	0003	36	58.8	76	22.2	*3		6	28	15	05	1.6		03.0	0	26.46	R	21.14	S	09	S	0.25	16.0		
01	07	64	16.5	IN	0003	36	58.8	76	22.2	3		6			*			00.0	0	26.63	R	21.16	S	09	S	0.30	16.5		
01	07	64	16.5	IN	0003	36	58.8	76	22.2	3		6			*			01.0	0	26.49	R	21.16	S	09	S	0.28	16.5		
01	07	64	16.5	IN	0003	36	58.8	76	22.2	3		6			*			02.0	0	26.41	R	21.15	S	09	S	0.25	16.5		
01	07	64	16.5	IN	0003	36	58.8	76	22.2	3		6			*			03.0	0	26.40	R	21.14	S	09	S	0.22	16.5		
01	07	64	17.0	IN	0003	36	58.8	76	22.2	*3		6	29	14	15	1.6		00.0	0	26.56	R	21.21	S	09	S	0.30	17.0		
01	07	64	17.0	IN	0003	36	58.8	76	22.2	*3		6	29	14	15	1.6		01.0	0	26.47	R	21.20	S	09	S	0.33	17.0		
01	07	64	17.0	IN	0003	36	58.8	76	22.2	*3		6	29	14	15	1.6		02.0	0	26.42	R	21.17	S	09	S	0.28	17.0		
01	07	64	17.0	IN	0003	36	58.8	76	22.2	*3		6	29	14	15	1.6		03.0	0	26.40	R	21.16	S	09	S	0.25	17.0		
01	07	64	17.5	IN	0003	36	58.8	76	22.2	3		6			*			00.0	0	25.95	R	21.18	S	09	S	0.32	17.5		
01	07	64	17.5	IN	0003	36	58.8	76	22.2	3		6			*			01.0	0	25.92	R	21.16	S	08	S	0.35	17.5		
01	07	64	17.5	IN	0003	36	58.8	76	22.2	3		6			*			02.0	0	25.93	R	21.24	S	09	S	0.30	17.5		
01	07	64	17.5	IN	0003	36	58.8	76	22.2	3		6			*			03.0	0	25.92	R	21.14	S	09	S	0.29	17.5		
01	07	64	18.0	IN	0003	36	58.8	76	22.2	*3		6		21	03	1.6		00.0	0	26.59	R	21.32	S	08	S	0.19	18.1		
01	07	64	18.0	IN	0003	36	58.8	76	22.2	*3		6		21	03	1.6		01.0	0	26.44	R	21.35	S	08	S	0.19	18.1		
01	07	64	18.0	IN	0003	36	58.8	76	22.2	*3		6		21	03	1.6		02.0	0	26.42	R	21.34	S	08	S	0.18	18.1		
01	07	64	18.0	IN	0003	36	58.8	76	22.2	*3		6		21	03	1.6		03.0	0	26.36	R	21.36	S	09	S	0.12	18.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
01	07	64	18.5	IN	0003	36	58.8	76	22.2	3		7			*			00.0	0	26.19	R	21.50	S	08	S	0.15	18.6		
01	07	64	18.5	IN	0003	36	58.8	76	22.2	3		7			*			01.0	0	26.07	R	21.56	S	09	S	0.15	18.6		
01	07	64	18.5	IN	0003	36	58.8	76	22.2	3		7			*			02.0	0	26.01	R	21.66	S	09	S	0.10	18.6		
01	07	64	18.5	IN	0003	36	58.8	76	22.2	3		7			*			02.5	0	25.96	R	21.38		*		*	*		
01	07	64	19.0	IN	0003	36	58.8	76	22.2	*3		7		20	03			00.0	0	25.92	R	21.76	S	08	S	0.11	19.1		
01	07	64	19.0	IN	0003	36	58.8	76	22.2	*3		7		20	03			01.0	0	25.91	R	21.75	S	09	S	0.05	19.1		
01	07	64	19.0	IN	0003	36	58.8	76	22.2	*3		7		20	03			02.0	0	25.93	R	21.76	S	09	S	0.10	19.1		
01	07	64	19.0	IN	0003	36	58.8	76	22.2	*3		7		20	03			02.5	0	25.93	R	21.79	S	10	S	0.06	19.1		
01	07	64	19.5	IN	0003	36	58.8	76	22.2	3		7			*			00.0	0	25.96	R	21.68	S	12	S	0.20	19.5		
01	07	64	19.5	IN	0003	36	58.8	76	22.2	3		7			*			01.0	0	25.93	R	21.62	S	11	S	0.10	19.5		
01	07	64	19.5	IN	0003	36	58.8	76	22.2	3		7			*			02.0	0	25.98	R	21.62	S	10	S	0.06	19.5		
01	07	64	19.5	IN	0003	36	58.8	76	22.2	3		7			*			02.5	0	25.91	R	21.69	S	10	S	0.05	19.5		
01	07	64	20.0	IN	0003	36	58.8	76	22.2	*3		8		20	03			00.0	0	25.96	R	21.54	S	06	S	0.05	20.1		
01	07	64	20.0	IN	0003	36	58.8	76	22.2	*3		8		20	03			01.0	0	26.11	R	21.55	S	22	S	0.05	20.1		
01	07	64	20.0	IN	0003	36	58.8	76	22.2	*3		8		20	03			02.0	0	26.09	R	21.56	S	15	S	0.00	20.1		
01	07	64	20.0	IN	0003	36	58.8	76	22.2	*3		8		20	03			02.5	0	26.05	R	21.61	S	02	S	0.03	20.1		
01	07	64	20.5	IN	0003	36	58.8	76	22.2	3		8			*			00.0	0	26.07	R	21.57	S	36	S	0.40	20.6		
01	07	64	20.5	IN	0003	36	58.8	76	22.2	3		8			*			01.0	0	26.00	R	21.56	S	32	S	0.60	20.6		
01	07	64	20.5	IN	0003	36	58.8	76	22.2	3		8			*			02.0	0	25.97	R	21.54	S	36	S	0.25	20.6		
01	07	64	20.5	IN	0003	36	58.8	76	22.2	3		8			*			03.0	0	25.86	R	21.71	S	36	S	0.03	20.6		
01	07	64	21.0	IN	0003	36	58.8	76	22.2	*3		8		20	03			00.0	0	26.25	R	21.30	S	36	S	0.10	21.1		
01	07	64	21.0	IN	0003	36	58.8	76	22.2	*3		8		20	03			01.0	0	26.21	R	21.23	S	36	S	0.11	21.1		
01	07	64	21.0	IN	0003	36	58.8	76	22.2	*3		8		20	03			02.0	0	26.02	R	21.25	S	36	S	0.13	21.1		
01	07	64	21.0	IN	0003	36	58.8	76	22.2	*3		8		20	03			03.0	0	25.91	R	21.69	S	01	S	0.09	21.1		
01	07	64	21.5	IN	0003	36	58.8	76	22.2	3		8			*			00.0	0	26.29	R	21.24	S	01	S	0.25	21.6		
01	07	64	21.5	IN	0003	36	58.8	76	22.2	3		8			*			01.0	0	26.21	R	21.24	S	01	S	0.25	21.6		
01	07	64	21.5	IN	0003	36	58.8	76	22.2	3		8			*			02.0	0	26.05	R	21.24	S	01	S	0.18	21.6		
01	07	64	21.5	IN	0003	36	58.8	76	22.2	3		8			*			03.0	0	25.90	R	21.53	S	01	S	0.10	21.6		
01	07	64	22.0	IN	0003	36	58.8	76	22.2	*3		1		15	08			00.0	0	26.36	R	21.14	S	27	S	0.28	22.1		
01	07	64	22.0	IN	0003	36	58.8	76	22.2	*3		1		15	08			01.0	0	26.30	R	21.11	S	01	S	0.30	22.1		
01	07	64	22.0	IN	0003	36	58.8	76	22.2	*3		1		15	08			02.0	0	26.19	R	21.15	S	01	S	0.20	22.1		
01	07	64	22.0	IN	0003	36	58.8	76	22.2	*3		1		15	08			03.0	0	26.05	R	21.36	S	01	S	0.15	22.1		
01	07	64	22.5	IN	0003	36	58.8	76	22.2	3		1			*			00.0	0	26.20	R	21.14	S	02	S	0.25	22.6		
01	07	64	22.5	IN	0003	36	58.8	76	22.2	3		1			*			01.0	0	26.31	R	21.13	S	01	S	0.25	22.6		
01	07	64	22.5	IN	0003	36	58.8	76	22.2	3		1			*			02.0	0	26.33	R	21.12	S	36	S	0.20	22.6		
01	07	64	22.5	IN	0003	36	58.8	76	22.2	3		1			*			03.0	0	26.32	R	21.20	S	36	S	0.25	22.6		
01	07	64	23.0	IN	0003	36	58.8	76	22.2	*3		2		19	08			00.0	0	26.13	R	21.12	S	36	S	0.25	23.1		
01	07	64	23.0	IN	0003	36	58.8	76	22.2	*3		2		19	08			01.0	0	26.25	R	21.10	S	01	S	0.20	23.1		
01	07	64	23.0	IN	0003	36	58.8	76	22.2	*3		2		19	08			02.0	0	26.32	R	21.09	S	01	S	0.20	23.1		
01	07	64	23.0	IN	0003	36	58.8	76	22.2	*3		2		19	08			03.0	0	26.27	R	21.12	S	01	S	0.21	23.1		
01	07	64	23.5	IN	0003	36	58.8	76	22.2	3		3			*			00.0	0	26.11	R	21.28	S	02	S	0.23	23.6		
01	07	64	23.5	IN	0003	36	58.8	76	22.2	3		3			*			01.0	0	26.00	R	21.35	S	01	S	0.15	23.6		
01	07	64	23.5	IN	0003	36	58.8	76	22.2	3		3			*			02.0	0	26.01	R	21.41	S	01	S	0.12	23.6		
01	07	64	23.5	IN	0003	36	58.8	76	22.2	3		3			*			03.0	0	20.00	R	21.49	S	01	S	0.23	23.6		
02	07	64	00.0	IN	0003	36	58.8	76	22.2	*3		3	25	18	*			00.0	0	26.12	R	21.24	S	03	S	0.19	00.0		
02	07	64	00.0	IN	0003	36	58.8	76	22.2	*3		3	25	18	*			01.0	0	26.01	R	21.19	S	01	S	0.17	00.0		
02	07	64	00.0	IN	0003	36	58.8	76	22.2	*3		3	25	18	*			02.0	0	26.10	R	21.25	S	01	S	0.15	00.0		
02	07	64	00.0	IN	0003	36	58.8	76	22.2	*3		3	25	18	*			03.0	0	25.98	R	21.32	S	01	S	0.13	00.0		
02	07	64	00.5	IN	0003	36	58.8	76	22.2	3		*			*			00.0	0	26.15	R	21.12	S	01	S	0.20	00.5		
02	07	64	00.5	IN	0003	36	58.8	76	22.2	3		*			*			01.0	0	26.15	R	21.12	S	01	S	0.20	00.5		
02	07	64	00.5	IN	0003	36	58.8	76	22.2	3		*			*			02.0	0	26.13	R	21.12	S	01	S	0.15	00.6		
02	07	64	00.5	IN	0003	36	58.8	76	22.2	3		*			*			03.0	0	26.04	R	21.13	S	01	S	0.15	00.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
02	07	64	01.0	IN	0003	36	58.8	76	22.2	*3		4	24	21	09			00.0	0	26.21	R	21.10	S	03	S	0.16	01.1		
02	07	64	01.0	IN	0003	36	58.8	76	22.2	*3		4	24	21	09			01.0	0	26.15	R	21.08	S	03	S	0.05	01.1		
02	07	64	01.0	IN	0003	36	58.8	76	22.2	*3		4	24	21	09			02.0	0	26.15	R	21.08	S	36	S	0.04	01.1		
02	07	64	01.0	IN	0003	36	58.8	76	22.2	*3		4	24	21	09			03.0	0	26.12	R	21.11	S	36	S	0.05	01.1		
02	07	64	01.5	IN	0003	36	58.8	76	22.2	3		4			*			00.0	0	26.24	R	21.05	S	08	S	0.15	01.5		
02	07	64	01.5	IN	0003	36	58.8	76	22.2	3		4			*			01.0	0	26.16	R	21.07	S	08	S	0.21	01.5		
02	07	64	01.5	IN	0003	36	58.8	76	22.2	3		4			*			02.0	0	26.15	R	21.07	S	06	S	0.22	01.6		
02	07	64	01.5	IN	0003	36	58.8	76	22.2	3		4			*			03.0	0	26.12	R	21.08	S	01	S	0.13	01.6		
02	07	64	02.0	IN	0003	36	58.8	76	22.2	*3		4	24	20	07			00.0	0	26.04	R	21.08	S	09	S	0.20	02.2		
02	07	64	02.0	IN	0003	36	58.8	76	22.2	*3		4	24	20	07			01.0	0	26.13	R	21.10	S	08	S	0.15	02.2		
02	07	64	02.0	IN	0003	36	58.8	76	22.2	*3		4	24	20	07			02.0	0	26.13	R	21.08	S	08	S	0.17	02.2		
02	07	64	02.0	IN	0003	36	58.8	76	22.2	*3		4	24	20	07			03.0	0	26.01	R	21.09	S	08	S	0.15	02.2		
02	07	64	02.5	IN	0003	36	58.8	76	22.2	3		5			*			00.0	0	25.98	R	20.92	S	07	S	0.37	02.5		
02	07	64	02.5	IN	0003	36	58.8	76	22.2	3		5			*			01.0	0	26.06	R	21.03	S	07	S	0.30	02.5		
02	07	64	02.5	IN	0003	36	58.8	76	22.2	3		5			*			02.0	0	26.10	R	21.03	S	08	S	0.30	02.6		
02	07	64	02.5	IN	0003	36	58.8	76	22.2	3		5			*			03.0	0	26.10	R	21.09	S	09	S	0.18	02.6		
02	07	64	03.0	IN	0003	36	58.8	76	22.2	*3		5	23	20	07			00.0	0	26.11	R	20.68	S	09	S	0.20	03.1		
02	07	64	03.0	IN	0003	36	58.8	76	22.2	*3		5	23	20	07			01.0	0	26.16	R	20.95	S	08	S	0.21	03.1		
02	07	64	03.0	IN	0003	36	58.8	76	22.2	*3		5	23	20	07			02.0	0	26.13	R	20.92	S	09	S	0.20	03.1		
02	07	64	03.0	IN	0003	36	58.8	76	22.2	*3		5	23	20	07			03.0	0	26.08	R	21.04	S	09	S	0.16	03.1		
02	07	64	03.5	IN	0003	36	58.8	76	22.2	3		5			*			00.0	0	25.97	R	21.07	S	09	S	0.57	03.5		
02	07	64	03.5	IN	0003	36	58.8	76	22.2	3		5			*			01.0	0	26.11	R	21.06	S	08	S	0.52	03.5		
02	07	64	03.5	IN	0003	36	58.8	76	22.2	3		5			*			02.0	0	26.11	R	21.06	S	08	S	0.46	03.6		
02	07	64	03.5	IN	0003	36	58.8	76	22.2	3		5			*			03.0	0	26.09	R	21.04	S	08	S	0.37	03.6		
02	07	64	04.0	IN	0003	36	58.8	76	22.2	*3		6	23	21	07			00.0	0	26.00	R	21.01	S	08	S	0.28	04.1		
02	07	64	04.0	IN	0003	36	58.8	76	22.2	*3		6	23	21	07			01.0	0	26.00	R	21.06	S	08	S	0.27	04.1		
02	07	64	04.0	IN	0003	36	58.8	76	22.2	*3		6	23	21	07			02.0	0	26.06	R	21.06	S	09	S	0.25	04.1		
02	07	64	04.0	IN	0003	36	58.8	76	22.2	*3		6	23	21	07			03.0	0	26.06	R	21.05	S	09	S	0.25	04.1		
02	07	64	04.5	IN	0003	36	58.8	76	22.2	3		6			*			00.0	0	25.97	R	21.11	S	08	S	0.71	04.5		
02	07	64	04.5	IN	0003	36	58.8	76	22.2	3		6			*			01.0	0	26.03	R	21.08	S	08	S	0.62	04.5		
02	07	64	04.5	IN	0003	36	58.8	76	22.2	3		6			*			02.0	0	26.07	R	21.10	S	08	S	0.61	04.6		
02	07	64	04.5	IN	0003	36	58.8	76	22.2	3		6			*			03.0	0	26.11	R	21.10	S	08	S	0.58	04.6		
02	07	64	05.0	IN	0003	36	58.8	76	22.2	*3		6	23	21	06			00.0	0	25.95	R	21.20	S	09	S	0.24	05.0		
02	07	64	05.0	IN	0003	36	58.8	76	22.2	*3		6	23	21	06			01.0	0	25.88	R	21.19	S	09	S	0.33	05.0		
02	07	64	05.0	IN	0003	36	58.8	76	22.2	*3		6	23	21	06			02.0	0	25.90	R	21.21	S	09	S	0.32	05.0		
02	07	64	05.0	IN	0003	36	58.8	76	22.2	*3		6	23	21	06			03.0	0	25.89	R	21.21	S	08	S	0.30	05.0		
02	07	64	05.5	IN	0003	36	58.8	76	22.2	·3		7			*			00.0	0	25.76	R	21.25	S	08	S	0.52	05.5		
02	07	64	05.5	IN	0003	36	58.8	76	22.2	3		7			*			01.0	0	25.82	R	21.27	S	08	S	0.47	05.5		
02	07	64	05.5	IN	0003	36	58.8	76	22.2	3		7			*			02.0	0	25.87	R	21.27	S	08	S	0.55	05.5		
02	07	64	05.5	IN	0003	36	58.8	76	22.2	3		7			*			03.0	0	25.93	R	21.27	S	08	S	0.47	05.5		
02	07	64	06.0	IN	0003	36	58.8	76	22.2	*3		7	24	20	08			00.0	0	26.06	R	21.26	S	09	S	0.15	06.1		
02	07	64	06.0	IN	0003	36	58.8	76	22.2	*3		7	24	20	08			01.0	0	25.89	R	21.31	S	09	S	0.23	06.1		
02	07	64	06.0	IN	0003	36	58.8	76	22.2	*3		7	24	20	08			02.0	0	25.90	R	21.34	S	09	S	0.28	06.1		
02	07	64	06.0	IN	0003	36	58.8	76	22.2	*3		7	24	20	08			03.0	0	25.87	R	21.34	S	09	S	0.25	06.1		
02	07	64	06.5	IN	0003	36	58.8	76	22.2	3		7			*			00.0	0	25.49	R	21.34	S	09	S	0.20	06.6		
02	07	64	06.5	IN	0003	36	58.8	76	22.2	3		7			*			01.0	0	25.59	R	21.34	S	09	S	0.20	06.6		
02	07	64	06.5	IN	0003	36	58.8	76	22.2	3		7			*			02.0	0	25.66	R	21.36	S	09	S	0.17	06.6		
02	07	64	06.5	IN	0003	36	58.8	76	22.2	3		7			*			03.0	0	25.74	R	21.33	S	09	S	0.15	06.6		
02	07	64	07.0	IN	0003	36	58.8	76	22.2	*3		7	27	24	08			00.0	0	25.67	R	21.31	S	07	S	0.13	07.2		
02	07	64	07.0	IN	0003	36	58.8	76	22.2	*3		7	27	24	08			01.0	0	25.67	R	21.36	S	08	S	0.13	07.2		
02	07	64	07.0	IN	0003	36	58.8	76	22.2	*3		7	27	24	08			02.0	0	25.67	R	21.36	S	09	S	0.13	07.2		
02	07	64	07.0	IN	0003	36	58.8	76	22.2	*3		7	27	24	08			03.0	0	25.66	R	21.32		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
02	07	64	07.5	IN	0003	36	58.8	76	22.2	3	7			*		00.0	O	25.74	R	21.37	S	10	S	0.18	07.7
02	07	64	07.5	IN	0003	36	58.8	76	22.2	3	7			*		01.0	O	25.68	R	21.28	S	09	S	0.07	07.6
02	07	64	07.5	IN	0003	36	58.8	76	22.2	3	7			*		02.0	O	25.61	R	21.35	S	09	S	0.13	07.7
02	07	64	07.5	IN	0003	36	58.8	76	22.2	3	7			*		03.0	O	25.54	R	21.36		*		*	*
02	07	64	08.0	IN	0003	36	58.8	76	22.2	*3	7	27	22	08	1.4	00.0	O	25.59	R	21.32	S	09	S	0.13	08.2
02	07	64	08.0	IN	0003	36	58.8	76	22.2	*3	7	27	22	08	1.4	01.0	O	25.58	R	21.26	S	09	S	0.10	08.2
02	07	64	08.0	IN	0003	36	58.8	76	22.2	*3	7	27	22	08	1.4	02.0	O	25.54	R	21.34	S	09	S	0.08	08.1
02	07	64	08.0	IN	0003	36	58.8	76	22.2	*3	7	27	22	08	1.4	03.0	O	25.46	R	21.35		*		*	*
02	07	64	08.5	IN	0003	36	58.8	76	22.2	3	8			*		00.0	O	25.80	R	21.34	S	36	S	0.00	08.7
02	07	64	08.5	IN	0003	36	58.8	76	22.2	3	8			*		01.0	O	25.71	R	21.27	S	36	S	0.00	08.8
02	07	64	08.5	IN	0003	36	58.8	76	22.2	3	8			*		02.0	O	25.71	R	21.35	S	36	S	0.00	08.8
02	07	64	08.5	IN	0003	36	58.8	76	22.2	3	8			*		03.0	O	25.65	R	21.34		*		*	*
02	07	64	09.0	IN	0003	36	58.8	76	22.2	*3	8	23	22	06	1.4	00.0	O	25.36	R	21.36	S	36	S	0.00	09.2
02	07	64	09.0	IN	0003	36	58.8	76	22.2	*3	8	23	22	06	1.4	01.0	O	25.37	R	21.34	S	36	S	0.00	09.2
02	07	64	09.0	IN	0003	36	58.8	76	22.2	*3	8	23	22	06	1.4	02.0	O	25.39	R	21.35	S	36	S	0.00	09.3
02	07	64	09.0	IN	0003	36	58.8	76	22.2	*3	8	23	22	06	1.4	03.0	O	25.33	R	21.34		*		*	*
02	07	64	09.5	IN	0003	36	58.8	76	22.2	3	8			*		00.0	O	25.94	R	21.35	S	36	S	0.12	09.7
02	07	64	09.5	IN	0003	36	58.8	76	22.2	3	8			*		01.0	O	25.85	R	21.30	S	36	S	0.12	09.7
02	07	64	09.5	IN	0003	36	58.8	76	22.2	3	8			*		02.0	O	25.78	R	21.35	S	36	S	0.15	09.7
02	07	64	09.5	IN	0003	36	58.8	76	22.2	3	8			*		03.0	O	25.70	R	21.31	S	36	S	0.08	09.7
02	07	64	10.0	IN	0003	36	58.8	76	22.2	*3	1	29	24	03	1.8	00.0	O	26.05	R	21.36	S	01	S	0.18	10.3
02	07	64	10.0	IN	0003	36	58.8	76	22.2	*3	1	29	24	03	1.8	01.0	O	25.93	R	21.28	S	36	S	0.20	10.2
02	07	64	10.0	IN	0003	36	58.8	76	22.2	*3	1	29	24	03	1.8	02.0	O	25.77	R	21.29	S	36	S	0.15	10.2
02	07	64	10.0	IN	0003	36	58.8	76	22.2	*3	1	29	24	03	1.8	03.0	O	25.76	R	21.33	S	01	S	0.12	10.2
02	07	64	10.5	IN	0003	36	58.8	76	22.2	3	1			*		00.0	O	26.00	R	21.28	S	36	S	0.25	10.6
02	07	64	10.5	IN	0003	36	58.8	76	22.2	3	1			*		01.0	O	25.89	R	21.31	S	36	S	0.24	10.7
02	07	64	10.5	IN	0003	36	58.8	76	22.2	3	1			*		02.0	O	25.82	R	21.32	S	36	S	0.19	10.7
02	07	64	10.5	IN	0003	36	58.8	76	22.2	3	1			*		03.0	O	25.79	R	21.23	S	36	S	0.16	10.7
02	07	64	11.0	IN	0003	36	58.8	76	22.2	*3	1	29	23	03	1.4	00.0	O	26.35	R	21.25	S	36	S	0.25	11.1
02	07	64	11.0	IN	0003	36	58.8	76	22.2	*3	1	29	23	03	1.4	01.0	O	26.07	R	21.25	S	36	S	0.22	11.0
02	07	64	11.0	IN	0003	36	58.8	76	22.2	*3	1	29	23	03	1.4	02.0	O	26.00	R	21.25	S	36	S	0.20	11.0
02	07	64	11.0	IN	0003	36	58.8	76	22.2	*3	1	29	23	03	1.4	03.0	O	25.93	R	21.26	S	36	S	0.13	11.0
02	07	64	11.5	IN	0003	36	58.8	76	22.2	3	2			*		00.0	O	26.15	R	21.27	S	36	S	0.22	11.6
02	07	64	11.5	IN	0003	36	58.8	76	22.2	3	2			*		01.0	O	25.99	R	21.25	S	36	S	0.25	11.6
02	07	64	11.5	IN	0003	36	58.8	76	22.2	3	2			*		02.0	O	26.02	R	21.32	S	01	S	0.22	11.7
02	07	64	11.5	IN	0003	36	58.8	76	22.2	3	2			*		03.0	O	26.00	R	21.33	S	01	S	0.25	11.7
02	07	64	12.0	IN	0003	36	58.8	76	22.2	*3	2	30	20	05	1.4	00.0	O	25.86	R	21.28	S	01	S	0.27	12.2
02	07	64	12.0	IN	0003	36	58.8	76	22.2	*3	2	30	20	05	1.4	01.0	O	25.73	R	21.28	S	36	S	0.25	12.2
02	07	64	12.0	IN	0003	36	58.8	76	22.2	*3	2	30	20	05	1.4	02.0	O	25.65	R	21.33	S	36	S	0.21	12.1
02	07	64	12.0	IN	0003	36	58.8	76	22.2	*3	2	30	20	05	1.4	03.0	O	25.62	R	21.40	S	36	S	0.20	12.1
02	07	64	12.5	IN	0003	36	58.8	76	22.2	3	2			*		00.0	O	26.15	R	21.28	S	01	S	0.20	12.6
02	07	64	12.5	IN	0003	36	58.8	76	22.2	3	2			*		01.0	O	26.07	R	21.28	S	01	S	0.20	12.6
02	07	64	12.5	IN	0003	36	58.8	76	22.2	3	2			*		02.0	O	25.95	R	21.19	S	01	S	0.17	12.6
02	07	64	12.5	IN	0003	36	58.8	76	22.2	3	2			*		03.0	O	25.91	R	20.84	S	36	S	0.15	12.6
02	07	64	13.0	IN	0003	36	58.8	76	22.2	*3	3	28	19	05	1.5	00.0	O	26.12	R	20.92	S	01	S	0.19	13.2
02	07	64	13.0	IN	0003	36	58.8	76	22.2	*3	3	28	19	05	1.5	01.0	O	26.04	R	20.93	S	36	S	0.17	13.2
02	07	64	13.0	IN	0003	36	58.8	76	22.2	*3	3	28	19	05	1.5	02.0	O	26.01	R	20.94	S	36	S	0.15	13.2
02	07	64	13.0	IN	0003	36	58.8	76	22.2	*3	3	28	19	05	1.5	03.0	O	25.96	R	20.85	S	36	S	0.10	13.3
02	07	64	13.5	IN	0003	36	58.8	76	22.2	3	3			*		00.0	O	26.23	R	20.83	S	36	S	0.15	13.6
02	07	64	13.5	IN	0003	36	58.8	76	22.2	3	3			*		01.0	O	26.11	R	20.92	S	36	S	0.16	13.6
02	07	64	13.5	IN	0003	36	58.8	76	22.2	3	3			*		02.0	O	26.07	R	20.95	S	36	S	0.18	13.6
02	07	64	13.5	IN	0003	36	58.8	76	22.2	3	3			*		03.0	O	26.02	R	20.96	S	36	S	0.08	13.6

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
02	07	64	14.0	IN	0003	36	58.8	76	22.2	3		3	31		*	1.8		00.0	O	26.22	R	20.90	S	36	S	0.13	14.1		
02	07	64	14.0	IN	0003	36	58.8	76	22.2	3		3	31		*	1.8		01.0	O	26.21	R	20.89	S	36	S	0.12	14.1		
02	07	64	14.0	IN	0003	36	58.8	76	22.2	3		3	31		*	1.8		02.0	O	26.13	R	20.92	S	36	S	0.10	14.0		
02	07	64	14.0	IN	0003	36	58.8	76	22.2	3		3	31		*	1.8		03.0	O	26.09	R	20.93	S	36	S	0.10	14.0		
02	07	64	14.5	IN	0003	36	58.8	76	22.2	3		3			*			00.0	O	26.72	R	21.03	S	01	S	0.25	14.5		
02	07	64	14.5	IN	0003	36	58.8	76	22.2	3		3			*			01.0	O	26.31	R	20.94	S	01	S	0.22	14.5		
02	07	64	14.5	IN	0003	36	58.8	76	22.2	3		3			*			02.0	O	26.23	R	20.90	S	00	S	0.15	14.5		
02	07	64	14.5	IN	0003	36	58.8	76	22.2	3		3			*			03.0	O	26.16	R	21.02	S	00	S	0.18	14.5		
02	07	64	15.0	IN	0003	36	58.8	76	22.2	*3		3	31	19	06	1.9		00.0	O	26.54	R	21.23	S	00	S	0.12	15.0		
02	07	64	15.0	IN	0003	36	58.8	76	22.2	*3		3	31	19	06	1.9		01.0	O	26.20	R	21.32	S	00	S	0.13	15.0		
02	07	64	15.0	IN	0003	36	58.8	76	22.2	*3		3	31	19	06	1.9		02.0	O	26.09	R	21.22	S	00	S	0.10	15.0		
02	07	64	15.0	IN	0003	36	58.8	76	22.2	*3		3	31	19	06	1.9		03.0	O	26.08	R	21.27	S	00	S	0.10	15.0		
02	07	64	15.5	IN	0003	36	58.8	76	22.2	3		4			*			00.0	O	26.39	R	21.31	S	01	S	0.22	15.5		
02	07	64	15.5	IN	0003	36	58.8	76	22.2	3		4			*			01.0	O	26.28	R	21.34	S	01	S	0.19	15.5		
02	07	64	15.5	IN	0003	36	58.8	76	22.2	3		4			*			02.0	O	26.16	R	21.28	S	00	S	0.11	15.6		
02	07	64	15.5	IN	0003	36	58.8	76	22.2	3		4			*			03.0	O	26.11	R	21.27	S	32	S	0.11	15.6		
02	07	64	16.0	IN	0003	36	58.8	76	22.2	*3		5	30	18	06	1.5		00.0	O	26.56	R	21.28	S	10	S	0.15	16.1		
02	07	64	16.0	IN	0003	36	58.8	76	22.2	*3		5	30	18	06	1.5		01.0	O	26.39	R	21.28	S	09	S	0.16	16.1		
02	07	64	16.0	IN	0003	36	58.8	76	22.2	*3		5	30	18	06	1.5		02.0	O	26.22	R	21.50	S	10	S	0.35	16.1		
02	07	64	16.0	IN	0003	36	58.8	76	22.2	*3		5	30	18	06	1.5		03.0	O	26.08	R	21.49	S	09	S	0.41	16.1		
02	07	64	16.5	IN	0003	36	58.8	76	22.7	3		6			*			00.0	O	26.64	R	21.50	S	08	S	0.31	16.5		
02	07	64	16.5	IN	0003	36	58.8	76	22.7	3		6			*			01.0	O	26.22	R	21.50	S	08	S	0.30	16.5		
02	07	64	16.5	IN	0003	36	58.8	76	22.7	3		6			*			02.0	O	26.19	R	21.47	S	09	S	0.32	16.6		
02	07	64	16.5	IN	0003	36	58.8	76	22.7	3		6			*			03.0	O	26.10	R	21.46	S	11	S	0.30	16.6		
02	07	64	17.0	IN	0003	36	58.8	76	22.2	*3		6	30	18	08	1.2		00.0	O	27.01	R	21.47	S	09	S	0.60	17.0		
02	07	64	17.0	IN	0003	36	58.8	76	22.2	*3		6	30	18	08	1.2		01.0	O	26.63	R	21.48	S	08	S	0.62	17.0		
02	07	64	17.0	IN	0003	36	58.8	76	22.2	*3		6	30	18	08	1.2		02.0	O	26.46	R	21.39	S	09	S	0.42	17.1		
02	07	64	17.0	IN	0003	36	58.8	76	22.2	*3		6	30	18	08	1.2		03.0	O	26.35	R	21.34	S	09	S	0.22	17.1		
02	07	64	17.5	IN	0003	36	58.8	76	22.2	3		6			*			00.0	O	26.33	R	21.35	S	09	S	0.40	17.7		
02	07	64	17.5	IN	0003	36	58.8	76	22.2	3		6			*			01.0	O	26.27	R	21.34	S	09	S	0.30	17.7		
02	07	64	17.5	IN	0003	36	58.8	76	22.2	3		6			*			02.0	O	26.34	R	21.34	S	09	S	0.30	17.7		
02	07	64	17.5	IN	0003	36	58.8	76	22.2	3		6			*			03.0	O	26.36	R	21.22	S	09	S	0.30	17.8		
02	07	64	18.0	IN	0003	36	58.8	76	22.2	*3		6	30	18	06			00.0	O	26.25	R	21.22	S	09	S	0.35	18.1		
02	07	64	18.0	IN	0003	36	58.8	76	22.2	*3		6	30	18	06			01.0	O	26.25	R	21.23	S	08	S	0.26	18.1		
02	07	64	18.0	IN	0003	36	58.8	76	22.2	*3		6	30	18	06			02.0	O	26.28	R	21.22	S	09	S	0.25	18.2		
02	07	64	18.0	IN	0003	36	58.8	76	22.2	*3		6	30	18	06			03.0	O	26.29	R	21.21	S	09	S	0.20	18.2		
02	07	64	18.5	IN	0003	36	58.8	76	22.2	3		6			*			00.0	O	26.35	R	21.13	S	09	S	0.28	*		
02	07	64	18.5	IN	0003	36	58.8	76	22.2	3		6			*			01.0	O	26.35	R	21.18	S	09	S	0.25	*		
02	07	64	18.5	IN	0003	36	58.8	76	22.2	3		6			*			02.0	O	26.35	R	21.84	S	09	S	0.25	*		
02	07	64	18.5	IN	0003	36	58.8	76	22.2	3		6			*			03.0	O	26.35	R	21.87	S	09	S	0.22	*		
02	07	64	19.0	IN	0003	36	58.8	76	22.2	*3		7	28	21	05			00.0	O	26.33			S	08	S	0.22	19.2		
02	07	64	19.0	IN	0003	36	58.8	76	22.2	*3		7	28	21	05			01.0	O	26.30			S	08	S	0.20	19.2		
02	07	64	19.0	IN	0003	36	58.8	76	22.2	*3		7	28	21	05			02.0	O	26.30			S	08	S	0.21	19.1		
02	07	64	19.0	IN	0003	36	58.8	76	22.2	*3		7	28	21	05			03.0	O	26.30			S	08	S	0.15	19.1		
02	07	64	19.5	IN	0003	36	58.8	76	22.2	*3		7	28	21	05			00.0	O	26.21			S	09	S	0.15	*		
02	07	64	19.5	IN	0003	36	58.8	76	22.2	*3		7	28	21	05			01.0	O	26.20			S	09	S	0.10	*		
02	07	64	19.5	IN	0003	36	58.8	76	22.2	*3		7	28	21	05			02.0	O	26.17			S	08	S	0.10	*		
02	07	64	19.5	IN	0003	36	58.8	76	22.2	*3		7	28	21	05			03.0	O	26.17			S	07	S	0.11	*		
02	07	64	20.0	IN	0003	36	58.8	76	22.2	*3		7	27	18	05			00.0	O	26.10			S	10	S	0.08	20.3		
02	07	64	20.0	IN	0003	36	58.8	76	22.2	*3		7	27	18	05			01.0	O	26.10			S	15	S	0.04	20.3		
02	07	64	20.0	IN	0003	36	58.8	76	22.2	*3		7	27	18	05			02.0	O	25.65			S	09	S	0.07	20.2		
02	07	64	20.0	IN	0003	36	58.8	76	22.2	*3		7	27	18	05			03.0	O	25.40			S	05	S	0.05	20.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
02	07	64	20.5	IN	0003	36	58.8	76	22.2	3		8			*			00.0	0	26.28	R	21.39	S	36	S	0.05	20.6		
02	07	64	20.5	IN	0003	36	58.8	76	22.2	3		8			*			01.0	0	26.28	R	21.36	S	10	S	0.04	20.6		
02	07	64	20.5	IN	0003	36	58.8	76	22.2	3		8			*			02.0	0	26.12	R	21.38	S	36	S	0.06	20.7		
02	07	64	20.5	IN	0003	36	58.8	76	22.2	3		8			*			03.0	0	25.54	R	22.10	S	07	S	0.04	20.7		
02	07	64	21.0	IN	0003	36	58.8	76	22.2	*3		8	27	16	09			00.0	0	26.13	R	21.38	S	36	S	0.05	21.2		
02	07	64	21.0	IN	0003	36	58.8	76	22.2	*3		8	27	16	09			01.0	0	26.17	R	21.36	S	35	S	0.10	21.2		
02	07	64	21.0	IN	0003	36	58.8	76	22.2	*3		8	27	16	09			02.0	0	26.17	R	21.36	S	36	S	0.04	21.1		
02	07	64	21.0	IN	0003	36	58.8	76	22.2	*3		8	27	16	09			03.0	0	25.46	R	21.96	S	36	S	0.03	21.1		
02	07	64	21.5	IN	0003	36	58.8	76	22.2	3		8			*			00.0	0	26.29	R	21.40	S	36	S	0.08	21.6		
02	07	64	21.5	IN	0003	36	58.8	76	22.2	3		8			*			01.0	0	26.27	R	21.38	S	36	S	0.08	21.6		
02	07	64	21.5	IN	0003	36	58.8	76	22.2	3		8			*			02.0	0	26.23	R	21.38	S	36	S	0.10	21.6		
02	07	64	21.5	IN	0003	36	58.8	76	22.2	3		8			*			03.0	0	25.57	R	21.96		*	S	0.05	21.6		
02	07	64	22.0	IN	0003	36	58.8	76	22.2	*3		8	26	16	09			00.0	0	26.26	R	21.40	S	36	S	0.18	22.2		
02	07	64	22.0	IN	0003	36	58.8	76	22.2	*3		8	26	16	09			01.0	0	26.25	R	21.37	S	36	S	0.17	22.3		
02	07	64	22.0	IN	0003	36	58.8	76	22.2	*3		8	26	16	09			02.0	0	26.23	R	21.36	S	36	S	0.18	22.3		
02	07	64	22.0	IN	0003	36	58.8	76	22.2	*3		8	26	16	09			03.0	0	25.68	R	21.57		*		*	*		
02	07	64	22.5	IN	0003	36	58.8	76	22.2	3		1			*			00.0	0	26.35	R	21.38	S	36	S	0.25	22.6		
02	07	64	22.5	IN	0003	36	58.8	76	22.2	3		1			*			01.0	0	26.33	R	21.35	S	36	S	0.25	22.6		
02	07	64	22.5	IN	0003	36	58.8	76	22.2	3		1			*			02.0	0	26.31	R	21.35	S	36	S	0.20	22.6		
02	07	64	22.5	IN	0003	36	58.8	76	22.2	3		1			*			03.0	0	25.82	R	21.52		*		*	22.6		
02	07	64	23.0	IN	0003	36	58.8	76	22.2	*3		1	26	18	09			00.0	0	26.03	R	21.43	S	01	S	0.25	23.1		
02	07	64	23.0	IN	0003	36	58.8	76	22.2	*3		1	26	18	09			01.0	0	26.03	R	21.39	S	36	S	0.20	23.1		
02	07	64	23.0	IN	0003	36	58.8	76	22.2	*3		1	26	18	09			02.0	0	26.03	R	21.40	S	36	S	0.20	23.1		
02	07	64	23.0	IN	0003	36	58.8	76	22.2	*3		1	26	18	09			03.0	0	26.01	R	21.45		*		*	23.2		
02	07	64	23.5	IN	0003	36	58.8	76	22.2	3		1			*			00.0	0	26.19	R	21.41	S	36	S	0.23	23.6		
02	07	64	23.5	IN	0003	36	58.8	76	22.2	3		1			*			01.0	0	26.24	R	21.40	S	36	S	0.20	23.6		
02	07	64	23.5	IN	0003	36	58.8	76	22.2	3		1			*			02.0	0	26.21	R	21.40	S	36	S	0.22	23.6		
02	07	64	23.5	IN	0003	36	58.8	76	22.2	3		1			*			03.0	0	26.20	R	21.38		*		*	23.6		
03	07	64	00.0	IN	0003	36	58.8	76	22.2	*3		2	26	19	08			00.0	0	26.17	R	21.42	S	01	S	0.35	00.0		
03	07	64	00.0	IN	0003	36	58.8	76	22.2	*3		2	26	19	08			01.0	0	26.17	R	21.41	S	00	S	0.31	00.0		
03	07	64	00.0	IN	0003	36	58.8	76	22.2	*3		2	26	19	08			02.0	0	26.17	R	21.42	S	01	S	0.33	00.1		
03	07	64	00.0	IN	0003	36	58.8	76	22.2	*3		2	26	19	08			03.0	0	26.13	R	21.47	S	01	S	0.31	00.1		
03	07	64	00.5	IN	0003	36	58.8	76	22.2	*3		2	26	19	08			00.0	0	26.13	R	21.44	S	00	S	0.31	*		
03	07	64	00.5	IN	0003	36	58.8	76	22.2	*3		2	26	19	08			01.0	0	26.06	R	21.43	S	00	S	0.32	*		
03	07	64	00.5	IN	0003	36	58.8	76	22.2	*3		2	26	19	08			02.0	0	26.06	R	21.76	S	00	S	0.28	*		
03	07	64	00.5	IN	0003	36	58.8	76	22.2	*3		2	26	19	08			03.0	0	26.05	R	21.57	S	00	S	0.29	*		
03	07	64	01.0	IN	0003	36	58.8	76	22.2	*3		3	25	18	08			00.0	0	25.79	R	21.63	S	01	S	0.33	01.0		
03	07	64	01.0	IN	0003	36	58.8	76	22.2	*3		3	25	18	08			01.0	0	25.73	R	21.64	S	00	S	0.27	01.0		
03	07	64	01.0	IN	0003	36	58.8	76	22.2	*3		3	25	18	08			02.0	0	25.54	R	22.00	S	00	S	0.30	01.1		
03	07	64	01.0	IN	0003	36	58.8	76	22.2	*3		3	25	18	08			03.0	0	25.54	R	22.09	S	00	S	0.26	01.1		
03	07	64	01.5	IN	0003	36	58.8	76	22.2	3		3			*			00.0	0	25.18	R	21.98	S	01	S	0.27	01.5		
03	07	64	01.5	IN	0003	36	58.8	76	22.2	3		3			*			01.0	0	25.30	R	21.99	S	01	S	0.32	01.5		
03	07	64	01.5	IN	0003	36	58.8	76	22.2	3		3			*			02.0	0	25.31	R	21.99	S	00	S	0.33	01.6		
03	07	64	01.5	IN	0003	36	58.8	76	22.2	3		3			*			03.0	0	25.28	R	22.07	S	00	S	0.20	01.6		
03	07	64	02.0	IN	0003	36	58.8	76	22.2	*3		3	25	20	05			00.0	0	26.16	R	21.98	S	01	S	0.22	*		
03	07	64	02.0	IN	0003	36	58.8	76	22.2	*3		3	25	20	05			01.0	0	26.23	R	21.88	S	00	S	0.17	*		
03	07	64	02.0	IN	0003	36	58.8	76	22.2	*3		3	25	20	05			02.0	0	25.26	R	21.99	S	00	S	0.18	*		
03	07	64	02.0	IN	0003	36	58.8	76	22.2	*3		3	25	20	05			03.0	0	25.30	R	21.97	S	00	S	0.11	*		
03	07	64	02.5	IN	0003	36	58.8	76	22.2	3		4			*			00.0	0	25.88	R	21.94	S	02	S	0.16	02.5		
03	07	64	02.5	IN	0003	36	58.8	76	22.2	3		4			*			01.0	0	25.69	R	21.98	S	01	S	0.22	02.5		
03	07	64	02.5	IN	0003	36	58.8	76	22.2	3		4			*			02.0	0	25.68	R	21.80	S	01	S	0.16	02.6		
03	07	64	02.5	IN	0003	36	58.8	76	22.2	3		4			*			03.0	0	25.67	R	21.89	S	00	S	0.07	02.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
03	07	64	03.0	IN	0003	36	58.8	76	22.2	*3		*	24	20	05			00.0	0	25.78	R	21.80	S	06	S	0.10	03.0		
03	07	64	03.0	IN	0003	36	58.8	76	22.2	*3		*	24	20	05			01.0	0	25.72	R	21.85	S	03	S	0.15	03.0		
03	07	64	03.0	IN	0003	36	58.8	76	22.2	*3		*	24	20	05			02.0	0	25.72	R	21.92	S	03	S	0.10	03.1		
03	07	64	03.0	IN	0003	36	58.8	76	22.2	*3		*	24	20	05			03.0	0	25.67	R	21.94	S	03	S	0.12	03.1		
03	07	64	03.5	IN	0003	36	58.8	76	22.2	3		*			*			00.0	0	25.89	R	21.84	S	08	S	0.22	03.5		
03	07	64	03.5	IN	0003	36	58.8	76	22.2	3		*			*			01.0	0	25.69	R	21.78	S	08	S	0.21	03.5		
03	07	64	03.5	IN	0003	36	58.8	76	22.2	3		*			*			02.0	0	25.66	R	21.68	S	08	S	0.23	03.5		
03	07	64	03.5	IN	0003	36	58.8	76	22.2	3		*			*			03.0	0	25.68	R	21.70	S	08	S	0.13	03.5		
03	07	64	04.0	IN	0003	36	58.8	76	22.2	*3		*	24	20	04			00.0	0	25.68	R	21.69	S	09	S	0.51	04.0		
03	07	64	04.0	IN	0003	36	58.8	76	22.2	*3		*	24	20	04			01.0	0	25.64	R	21.65	S	09	S	0.43	04.0		
03	07	64	04.0	IN	0003	36	58.8	76	22.2	*3		*	24	20	04			02.0	0	25.65	R	21.73	S	09	S	0.32	04.1		
03	07	64	04.0	IN	0003	36	58.8	76	22.2	*3		*	24	20	04			03.0	0	25.65	R	21.70	S	09	S	0.37	04.1		
03	07	64	04.5	IN	0003	36	58.8	76	22.2	*3		6	24	20	04			00.0	0	25.61	R	21.77	S	09	S	0.35	04.6		
03	07	64	04.5	IN	0003	36	58.8	76	22.2	*3		6	24	20	04			01.0	0	25.54	R	21.81	S	09	S	0.36	04.6		
03	07	64	04.5	IN	0003	36	58.8	76	22.2	*3		6	24	20	04			02.0	0	25.57	R	21.83	S	07	S	0.40	04.6		
03	07	64	04.5	IN	0003	36	58.8	76	22.2	*3		6	24	20	04			03.0	0	25.57	R	21.85	S	08	S	0.80	04.6		
03	07	64	05.0	IN	0003	36	58.8	76	22.2	*3		6	24	20	07			00.0	0	25.97	R	21.75	S	09	S	0.45	05.1		
03	07	64	05.0	IN	0003	36	58.8	76	22.2	*3		6	24	20	07			01.0	0	25.77	R	21.85	S	09	S	0.47	05.1		
03	07	64	05.0	IN	0003	36	58.8	76	22.2	*3		6	24	20	07			02.0	0	25.72	R	21.87	S	08	S	0.47	05.1		
03	07	64	05.0	IN	0003	36	58.8	76	22.2	*3		6	24	20	07			03.0	0	25.55	R	21.87	S	08	S	0.35	05.1		
03	07	64	05.5	IN	0003	36	58.8	76	22.2	*3		6	24	20	07			00.0	0	25.71	R	21.70	S	07	S	0.57	05.5		
03	07	64	05.5	IN	0003	36	58.8	76	22.2	*3		6	24	20	07			01.0	0	25.66	R	21.78	S	07	S	0.57	05.5		
03	07	64	05.5	IN	0003	36	58.8	76	22.2	*3		6	24	20	07			02.0	0	25.60	R	21.77	S	08	S	0.57	05.6		
03	07	64	05.5	IN	0003	36	58.8	76	22.2	*3		6	24	20	07			03.0	0	25.56	R	21.82	S	08	S	0.43	05.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
06	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*	1.6		00.0			A	22.76	L	04	D	0.23	11.8	
06	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*	1.6		01.0			A	22.85	T	05	T	0.20	11.7	
06	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*	1.6		02.0			A	22.90	T	04	T	0.24	11.7	
06	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*	1.6		03.0			A	23.00	T	04	T	0.26	11.7	
06	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*	1.6		04.0			A	23.00	T	03	T	0.15	11.7	
06	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*	1.6		05.0			A	23.00		*		*	*	
06	07	64	12.0	PA	0003	36	57.9	76	24.2	5		7			*	1.6		00.0			A	22.76	L	04	D	0.11	12.3	
06	07	64	12.0	PA	0003	36	57.9	76	24.2	5		7			*	1.6		01.0	J	26.80	A	22.93	T	04	T	0.05	12.2	
06	07	64	12.0	PA	0003	36	57.9	76	24.2	5		7			*	1.6		02.0			A	23.00	T	04	T	0.09	12.2	
06	07	64	12.0	PA	0003	36	57.9	76	24.2	5		7			*	1.6		03.0	J	26.30	A	22.99	T	03	T	0.10	12.2	
06	07	64	12.0	PA	0003	36	57.9	76	24.2	5		7			*	1.6		04.0			A	22.99	T	03	T	0.08	12.2	
06	07	64	12.0	PA	0003	36	57.9	76	24.2	5		7			*	1.6		05.0	J	25.95	A	23.00		*		*	*	
06	07	64	12.5	PA	0003	36	57.9	76	24.2	5		8			*			00.0			A	22.81	L	25	D	0.00	12.8	
06	07	64	12.5	PA	0003	36	57.9	76	24.2	5		8			*			01.0			A	22.98	T	20	T	0.04	12.7	
06	07	64	12.5	PA	0003	36	57.9	76	24.2	5		8			*			02.0			A	22.98	T	20	T	0.04	12.7	
06	07	64	12.5	PA	0003	36	57.9	76	24.2	5		8			*			03.0			A	22.99	T	22	T	0.05	12.7	
06	07	64	12.5	PA	0003	36	57.9	76	24.2	5		8			*			04.0			A	23.01	T	22	T	0.05	12.7	
06	07	64	12.5	PA	0003	36	57.9	76	24.2	5		8			*			05.0			A	23.00		*		*	*	
06	07	64	13.0	PA	0003	36	57.9	76	24.2	5		1	3	9	03	1.8		00.0			A	22.74	L	23	D	0.18	13.3	
06	07	64	13.0	PA	0003	36	57.9	76	24.2	5		1	31	9	03	1.8		01.0	J	27.40	A	22.96	T	22	T	0.20	13.2	
06	07	64	13.0	PA	0003	36	57.9	76	24.2	5		1	31	9	03	1.8		02.0			A	22.96	T	22	T	0.24	13.2	
06	07	64	13.0	PA	0003	36	57.9	76	24.2	5		1	31	9	03	1.8		03.0	J	25.80	A	22.98	T	21	T	0.24	13.2	
06	07	64	13.0	PA	0003	36	57.9	76	24.2	5		1	31	9	03	1.8		05.0	J	25.50	A	22.99		*		*	*	
06	07	64	13.0	PA	0003	36	57.9	76	24.2	5		1	31	9	03	1.8		04.0			A	22.98	T	22	T	0.23	13.2	
06	07	64	13.5	PA	0003	36	57.9	76	24.2	5		2			*			00.0			A	22.77	L	24	D	0.57	13.7	
06	07	64	13.5	PA	0003	36	57.9	76	24.2	5		2			*			01.0			A	22.78	T	22	T	0.44	13.7	
06	07	64	13.5	PA	0003	36	57.9	76	24.2	5		2			*			02.0			A	22.87	T	22	T	0.41	13.7	
06	07	64	13.5	PA	0003	36	57.9	76	24.2	5		2			*			03.0			A	22.88	T	22	T	0.40	13.7	
06	07	64	13.5	PA	0003	36	57.9	76	24.2	5		2			*			04.0			A	22.88	T	22	T	0.32	13.7	
06	07	64	13.5	PA	0003	36	57.9	76	24.2	5		2			*			05.0			A	22.93		*		*	*	
06	07	64	14.0	PA	0003	36	57.9	76	24.2	5		2	29	9	06	1.6		00.0			A	22.81	L	24	D	0.75	14.2	
06	07	64	14.0	PA	0003	36	57.9	76	24.2	5		2	29	9	06	1.6		01.0			A	22.82	T	22	T	0.50	14.2	
06	07	64	14.0	PA	0003	36	57.9	76	24.2	5		2	29	9	06	1.6		02.0			A	22.82	T	22	T	0.51	14.2	
06	07	64	14.0	PA	0003	36	57.9	76	24.2	5		2	29	9	06	1.6		03.0			A	22.83	T	22	T	0.50	14.2	
06	07	64	14.0	PA	0003	36	57.9	76	24.2	5		2	29	9	06	1.6		04.0			A	22.82	T	22	T	0.41	14.2	
06	07	64	14.0	PA	0003	36	57.9	76	24.2	5		2	29	9	06	1.6		05.0			A	22.86		*		*	*	
06	07	64	14.5	PA	0003	36	57.9	76	24.2	6		2			*			00.0			A	22.96	L	24	D	0.76	14.7	
06	07	64	14.5	PA	0003	36	57.9	76	24.2	6		2			*			01.0			A	22.95	T	22	T	0.50	14.7	
06	07	64	14.5	PA	0003	36	57.9	76	24.2	6		2			*			02.0			A	22.96	T	23	T	0.51	14.7	
06	07	64	14.5	PA	0003	36	57.9	76	24.2	6		2			*			03.0			A	22.97	T	22	T	0.50	14.7	
06	07	64	14.5	PA	0003	36	57.9	76	24.2	6		2			*			04.0			A	22.98	T	22	T	0.50	14.7	
06	07	64	14.5	PA	0003	36	57.9	76	24.2	6		2			*			05.0			A	22.99		*		*	*	
06	07	64	14.5	PA	0003	36	57.9	76	24.2	6		2			*			06.0			A	22.98		*		*	*	
06	07	64	15.0	PA	0003	36	57.9	76	24.2	6		2	29	8	05	1.4		00.0			A	23.13	L	24	D	0.76	15.2	
06	07	64	15.0	PA	0003	36	57.9	76	24.2	6		2	29	8	05	1.4		01.0	J	25.37	A	23.12	T	22	T	0.55	15.1	
06	07	64	15.0	PA	0003	36	57.9	76	24.2	6		2	29	8	05	1.4		02.0			A	23.13	T	22	T	0.50	15.1	
06	07	64	15.0	PA	0003	36	57.9	76	24.2	6		2	29	8	05	1.4		03.0	J	25.42	A	23.14	T	22	T	0.55	15.1	
06	07	64	15.0	PA	0003	36	57.9	76	24.2	6		2	29	8	05	1.4		04.0			A	23.14	T	22	T	0.55	15.1	
06	07	64	15.0	PA	0003	36	57.9	76	24.2	6		2	29	8	05	1.4		05.0	J	25.34	A	23.15		*		*	*	
06	07	64	15.0	PA	0003	36	57.9	76	24.2	6		2	29	8	05	1.4		06.0			A	23.18		*		*	*	
06	07	64	15.5	PA	0003	36	57.9	76	24.2	6		2			*			00.0			A	22.98	L	24	D	0.87	15.8	
06	07	64	15.5	PA	0003	36	57.9	76	24.2	6		2			*			01.0			A	23.20	T	22	T	0.39	15.7	
06	07	64	15.5	PA	0003	36	57.9	76	24.2	6		2			*			02.0			A	23.25	T	22	T	0.40	15.7	
06	07	64	15.5	PA	0003	36	57.9	76	24.2	6		2			*			03.0			A	23.24	T	22	T	0.47	15.7	
06	07	64	15.5	PA	0003	36	57.9	76	24.2	6		2			*			04.0			A	23.18	T	21	T	0.55	15.7	
06	07	64	15.5	PA	0003	36	57.9	76	24.2	6		2			*			05.0			A	23.21		*		*	*	
06	07	64	15.5	PA	0003	36	57.9	76	24.2	6		2			*			06.0			A	23.24		*		*	*	
06	07	64	16.0	PA	0003	36	57.9	76	24.2	6		2	29	8	06	1.0		00.0			A	23.23	L	24	D	0.86	16.3	
06	07	64	16.0	PA	0003	36	57.9	76	24.2	6		2	29	8	06	1.0		01.0	J	25.56	A	23.25	T	21	T	0.37	16.2	
06	07	64	16.0	PA	0003	36	57.9	76	24.2	6		2	29	8	06	1.0		02.0			A	23.25	T	22	T	0.37	16.2	
06	07	64	16.0	PA	0003	36	57.9	76	24.2	6		2	29	8	06	1.0		03.0	J	25.42	A	23.23	T	21	T	0.45	16.2	
06	07	64	16.0	PA	0003	36	57.9	76	24.2	6		2	29	8	06	1.0		04.0			A	23.23	T	21	T	0.55	16.2	
06	07	64	16.0	PA	0003	36	57.9	76	24.2	6		2	29	8	06	1.0		05.0	J	25.46	A	23.23		*		*	*	
06	07	64	16.0	PA	0003	36	57.9	76	24.2	6		2	29	8	06	1.0		06.0			A	23.19		*		*	*	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
06	07	64	16.5	PA	0003	36	57.9	76	24.2	6		2			*			00.0			A	23.16	L	24	D	0.80	16.7		
06	07	64	16.5	PA	0003	36	57.9	76	24.2	6		2			*			01.0			A	23.16	T	22	T	0.50	16.6		
06	07	64	16.5	PA	0003	36	57.9	76	24.2	6		2			*			02.0			A	23.11	T	22	T	0.55	16.6		
06	07	64	16.5	PA	0003	36	57.9	76	24.2	6		2			*			03.0			A	23.16	T	22	T	0.55	16.6		
06	07	64	16.5	PA	0003	36	57.9	76	24.2	6		2			*			04.0			A	23.15	T	22	T	0.55	16.6		
06	07	64	16.5	PA	0003	36	57.9	76	24.2	6		2			*			05.0			A	23.00		*		*	*		
06	07	64	16.5	PA	0003	36	57.9	76	24.2	6		2			*			06.0			A	23.11		*		*	*		
06	07	64	17.0	PA	0003	36	57.9	76	24.2	6		2			*			00.0			A	23.06	L	24	D	0.69	17.1		
06	07	64	17.0	PA	0003	36	57.9	76	24.2	6		2	29	7	06	1.0		01.0	J	27.52	A	18.34	T	22	T	0.50	17.2		
06	07	64	17.0	PA	0003	36	57.9	76	24.2	6		2	29	7	06	1.0		02.0			A	22.94	T	22	T	0.50	17.2		
06	07	64	17.0	PA	0003	36	57.9	76	24.2	6		2	29	7	06	1.0		03.0	J	25.46	A	22.99	T	22	T	0.50	17.3		
06	07	64	17.0	PA	0003	36	57.9	76	24.2	6		2	29	7	06	1.0		04.0			A	23.02	T	19	T	0.50	17.3		
06	07	64	17.0	PA	0003	36	57.9	76	24.2	6		2	29	7	06	1.0		05.0	J	25.34	A	23.04		*		*	*		
06	07	64	17.0	PA	0003	36	57.9	76	24.2	6		2	29	7	06	1.0		06.0			A	22.16		*		*	*		
06	07	64	17.5	PA	0003	36	57.9	76	24.2	6		3			*			00.0			A	22.53	L	23	D	0.60	17.6		
06	07	64	17.5	PA	0003	36	57.9	76	24.2	6		3			*			01.0			A	22.81	T	19	T	0.50	17.7		
06	07	64	17.5	PA	0003	36	57.9	76	24.2	6		3			*			02.0			A	22.82	T	20	T	0.50	17.7		
06	07	64	17.5	PA	0003	36	57.9	76	24.2	6		3			*			03.0			A	22.83	T	18	T	0.50	17.8		
06	07	64	17.5	PA	0003	36	57.9	76	24.2	6		3			*			04.0			A	22.93	T	22	T	0.50	17.8		
06	07	64	17.5	PA	0003	36	57.9	76	24.2	6		3			*			05.0			A	22.94		*		*	*		
06	07	64	17.5	PA	0003	36	57.9	76	24.2	6		3			*			06.0			A	22.91		*		*	*		
06	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		3	29	11	08	1.1		00.0			A	22.73	L	23	D	0.51	18.1		
06	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		3	29	11	08	1.1		01.0	J	25.48	A	22.69	T	22	T	0.50	18.2		
06	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		3	29	11	08	1.1		02.0			A	22.69	T	22	T	0.44	18.2		
06	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		3	29	11	08	1.1		03.0	J	25.48	A	22.85	T	20	T	0.45	18.3		
06	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		3	29	11	08	1.1		04.0			A	22.78	T	21	T	0.45	18.3		
06	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		3	29	11	08	1.1		05.0	J	25.23	A	19.15		*		*	*		
06	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		3	29	11	08	1.1		06.0			A	22.76		*		*	*		
06	07	64	18.5	PA	0003	36	57.9	76	24.2	6		2			*			00.0			A	22.64	L	23	D	0.44	18.6		
06	07	64	18.5	PA	0003	36	57.9	76	24.2	6		2			*			01.0			A	22.57	T	22	T	0.42	18.6		
06	07	64	18.5	PA	0003	36	57.9	76	24.2	6		2			*			02.0			A	22.68	T	22	T	0.40	18.7		
06	07	64	18.5	PA	0003	36	57.9	76	24.2	6		2			*			03.0			A	22.76	T	19	T	0.40	18.7		
06	07	64	18.5	PA	0003	36	57.9	76	24.2	6		2			*			04.0			A	22.64	T	20	T	0.37	18.7		
06	07	64	18.5	PA	0003	36	57.9	76	24.2	6		2			*			05.0			A	22.76		*		*	*		
06	07	64	18.5	PA	0003	36	57.9	76	24.2	6		2			*			06.0			A	22.41		*		*	*		
06	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	11	07			00.0			A	22.57	L	23	D	0.25	19.1		
06	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	11	07			01.0	J	25.71	A	22.11	T	22	T	0.22	19.1		
06	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	11	07			02.0			A	22.56	T	22	T	0.25	19.1		
06	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	11	07			03.0	J	26.73	A	22.58	T	21	T	0.25	19.2		
06	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	11	07			04.0			A	22.40	T	18	T	0.22	19.2		
06	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	11	07			05.0	J	25.79	A	22.55		*		*	*		
06	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	11	07			06.0			A	22.51		*		*	*		
06	07	64	19.5	PA	0003	36	57.9	76	24.2	6		4			*			00.0			A	22.43	L	24	D	0.00	19.6		
06	07	64	19.5	PA	0003	36	57.9	76	24.2	6		4			*			01.0			A	22.48	T	26	T	0.07	19.7		
06	07	64	19.5	PA	0003	36	57.9	76	24.2	6		4			*			02.0			A	22.58	T	23	T	0.10	19.7		
06	07	64	19.5	PA	0003	36	57.9	76	24.2	6		4			*			03.0			A	22.66	T	18	T	0.07	19.7		
06	07	64	19.5	PA	0003	36	57.9	76	24.2	6		4			*			04.0			A	22.34	T	22	T	0.08	19.8		
06	07	64	19.5	PA	0003	36	57.9	76	24.2	6		4			*			05.0			A	22.65		*		*	*		
06	07	64	19.5	PA	0003	36	57.9	76	24.2	6		4			*			06.0			A	22.77		*		*	*		
06	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		4	24	13	07			00.0			A	22.58	L	03	D	0.00	20.1		
06	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		4	24	13	07			01.0	J	27.50	A	22.61	T	04	T	0.07	20.2		
06	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		4	24	13	07			02.0			A	22.63	T	03	T	0.16	20.2		
06	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		4	24	13	07			03.0	J	25.85	A	22.68	T	03	T	0.09	20.2		
06	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		4	24	13	07			04.0			A	22.68	T	03	T	0.10	20.2		
06	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		4	24	13	07			05.0	J	25.55	A	22.71		*		*	*		
06	07	64	20.5	PA	0003	36	57.9	76	24.2	6		5			*			00.0			A	22.68	L	04	D	0.46	20.8		
06	07	64	20.5	PA	0003	36	57.9	76	24.2	6		5			*			01.0			A	22.68	T	04	T	0.30	20.7		
06	07	64	20.5	PA	0003	36	57.9	76	24.2	6		5			*			02.0			A	22.68	T	03	T	0.35	20.7		
06	07	64	20.5	PA	0003	36	57.9	76	24.2	6		5			*			03.0			A	22.68	T	03	T	0.35	20.7		
06	07	64	20.5	PA	0003	36	57.9	76	24.2	6		5			*			04.0			A	22.72	T	03	T	0.30	20.7		
06	07	64	20.5	PA	0003	36	57.9	76	24.2	6		5			*			05.0			A	22.73		*		*	*		
06	07	64	20.5	PA	0003	36	57.9	76	24.2	6		5			*			06.0			A	22.70		*		*	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
06	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		6	23	16	07			00.0			A	23.03	L	05	D	0.48	21.2	
06	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		6	23	16	07			01.0			A	23.00	T	04	T	0.50	21.3	
06	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		6	23	16	07			02.0			A	23.09	T	04	T	0.47	21.3	
06	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		6	23	16	07			03.0			A	23.13	T	03	T	0.47	21.3	
06	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		6	23	16	07			04.0			A	23.14	T	03	T	0.45	21.3	
06	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		6	23	16	07			05.0			A	23.09		*		*	*	
06	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		6	23	16	07			06.0			A	23.14		*		*	*	
06	07	64	21.5	PA	0003	36	57.9	76	24.2	5		6			*			00.0			A	23.18	L	05	D	0.56	21.7	
06	07	64	21.5	PA	0003	36	57.9	76	24.2	5		6			*			01.0			A	23.23	T	03	T	0.50	21.8	
06	07	64	21.5	PA	0003	36	57.9	76	24.2	5		6			*			02.0			A	23.24	T	04	T	0.50	21.8	
06	07	64	21.5	PA	0003	36	57.9	76	24.2	5		6			*			03.0			A	23.25	T	03	T	0.50	21.8	
06	07	64	21.5	PA	0003	36	57.9	76	24.2	5		6			*			04.0			A	23.30	T	03	T	0.50	21.8	
06	07	64	21.5	PA	0003	36	57.9	76	24.2	5		6			*			05.0			A	23.33		*		*	*	
06	07	64	22.0	PA	0003	36	57.9	76	24.2	*5		6	23	17	05			00.0			A	23.27	L	05	D	0.57	22.2	
06	07	64	22.0	PA	0003	36	57.9	76	24.2	*5		6	23	17	05			01.0			A	23.31	T	03	T	0.50	22.3	
06	07	64	22.0	PA	0003	36	57.9	76	24.2	*5		6	23	17	05			02.0			A	23.33	T	03	T	0.50	22.3	
06	07	64	22.0	PA	0003	36	57.9	76	24.2	*5		6	23	17	05			03.0			A	23.40	T	02	T	0.50	22.3	
06	07	64	22.0	PA	0003	36	57.9	76	24.2	*5		6	23	17	05			04.0			A	23.39	T	02	T	0.47	22.3	
06	07	64	22.0	PA	0003	36	57.9	76	24.2	*5		6	23	17	05			05.0			A	23.39		*		*	*	
06	07	64	22.5	PA	0003	36	57.9	76	24.2	5		6			*			00.0			A	23.21	L	05	D	0.69	22.7	
06	07	64	22.5	PA	0003	36	57.9	76	24.2	5		6			*			01.0			A	23.20	T	03	T	0.52	22.8	
06	07	64	22.5	PA	0003	36	57.9	76	24.2	5		6			*			02.0			A	23.17	T	03	T	0.50	22.8	
06	07	64	22.5	PA	0003	36	57.9	76	24.2	5		6			*			03.0			A	23.19	T	03	T	0.50	22.8	
06	07	64	22.5	PA	0003	36	57.9	76	24.2	5		6			*			04.0			A	23.17	T	03	T	0.50	22.8	
06	07	64	22.5	PA	0003	36	57.9	76	24.2	5		6			*			05.0			A	23.19		*		*	*	
06	07	64	23.0	PA	0003	36	57.9	76	24.2	*5		6	23	15	05			00.0			A	22.99	L	05	D	0.57	23.2	
06	07	64	23.0	PA	0003	36	57.9	76	24.2	*5		6	23	15	05			01.0			A	22.96	T	03	T	0.50	23.2	
06	07	64	23.0	PA	0003	36	57.9	76	24.2	*5		6	23	15	05			02.0			A	22.96	T	03	T	0.55	23.2	
06	07	64	23.0	PA	0003	36	57.9	76	24.2	*5		6	23	15	05			03.0			A	23.00	T	03	T	0.45	23.2	
06	07	64	23.0	PA	0003	36	57.9	76	24.2	*5		6	23	15	05			04.0			A	23.03	T	03	T	0.35	23.2	
06	07	64	23.0	PA	0003	36	57.9	76	24.2	*5		6	23	15	05			05.0			A	23.02		*		*	*	
06	07	64	23.5	PA	0003	36	57.9	76	24.2	5		7			*			00.0			A	22.95	L	05	D	0.42	23.7	
06	07	64	23.5	PA	0003	36	57.9	76	24.2	5		7			*			01.0			A	22.95	T	03	T	0.30	23.6	
06	07	64	23.5	PA	0003	36	57.9	76	24.2	5		7			*			02.0			A	22.90	T	03	T	0.20	23.6	
06	07	64	23.5	PA	0003	36	57.9	76	24.2	5		7			*			03.0			A	22.97	T	03	T	0.30	23.6	
06	07	64	23.5	PA	0003	36	57.9	76	24.2	5		7			*			04.0			A	22.94	T	03	T	0.20	23.6	
06	07	64	23.5	PA	0003	36	57.9	76	24.2	5		7			*			05.0			A	22.96		*		*	*	
07	07	64	00.0	PA	0003	36	57.9	76	24.2	*5		7	23	15	04			00.0			A	22.87	L	05	D	0.35	00.2	
07	07	64	00.0	PA	0003	36	57.9	76	24.2	*5		7	23	15	04			01.0			A	22.86	T	03	T	0.30	00.1	
07	07	64	00.0	PA	0003	36	57.9	76	24.2	*5		7	23	15	04			02.0			A	22.94	T	03	T	0.30	00.1	
07	07	64	00.0	PA	0003	36	57.9	76	24.2	*5		7	23	15	04			03.0			A	22.96	T	03	T	0.20	00.1	
07	07	64	00.0	PA	0003	36	57.9	76	24.2	*5		7	23	15	04			04.0			A	22.96	T	03	T	0.20	00.1	
07	07	64	00.0	PA	0003	36	57.9	76	24.2	*5		7	23	15	04			05.0			A	22.96		*		*	*	
07	07	64	00.5	PA	0003	36	57.9	76	24.2	5		7			*			00.0			A	23.49	L	05	D	0.30	00.7	
07	07	64	00.5	PA	0003	36	57.9	76	24.2	5		7			*			01.0			A	22.75	T	03	T	0.30	00.6	
07	07	64	00.5	PA	0003	36	57.9	76	24.2	5		7			*			02.0			A	22.84	T	03	T	0.20	00.6	
07	07	64	00.5	PA	0003	36	57.9	76	24.2	5		7			*			03.0			A	22.84	T	03	T	0.20	00.6	
07	07	64	00.5	PA	0003	36	57.9	76	24.2	5		7			*			04.0			A	22.85	T	02	T	0.15	00.6	
07	07	64	00.5	PA	0003	36	57.9	76	24.2	5		7			*			05.0			A	22.85		*		*	*	
07	07	64	01.0	PA	0003	36	57.9	76	24.2	*5		7	23	16	03			00.0			A	22.72	L	04	D	0.22	01.2	
07	07	64	01.0	PA	0003	36	57.9	76	24.2	*5		7	23	16	03			01.0			A	22.69	T	03	T	0.20	01.2	
07	07	64	01.0	PA	0003	36	57.9	76	24.2	*5		7	23	16	03			02.0			A	22.70	T	02	T	0.15	01.2	
07	07	64	01.0	PA	0003	36	57.9	76	24.2	*5		7	23	16	03			03.0			A	22.77	T	02	T	0.15	01.2	
07	07	64	01.0	PA	0003	36	57.9	76	24.2	*5		7	23	16	03			04.0			A	22.76	T	03	T	0.10	01.2	
07	07	64	01.0	PA	0003	36	57.9	76	24.2	*5		7	23	16	03			05.0			A	22.81		*		*	*	
07	07	64	01.5	PA	0003	36	57.9	76	24.2	*5		7	23	16	03			00.0			A	22.71	L	03	D	0.00	01.6	
07	07	64	01.5	PA	0003	36	57.9	76	24.2	5		7			*			01.0			A	22.70	T	02	T	0.10	01.6	
07	07	64	01.5	PA	0003	36	57.9	76	24.2	*5		7	23	16	03			02.0			A	22.71	T	02	T	0.10	01.6	
07	07	64	01.5	PA	0003	36	57.9	76	24.2	*5		7	23	16	03			03.0			A	22.73	T	03	T	0.10	01.6	
07	07	64	01.5	PA	0003	36	57.9	76	24.2	*5		7	23	16	03			04.0			A	22.77	T	03	T	0.10	01.6	
07	07	64	01.5	PA	0003	36	57.9	76	24.2	*5		7	23	16	03			05.0			A	22.48		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
07	07	64	02.0	PA	0003	36	57.9	76	24.2	*5		8	23	14	07			00.0			A	22.56		*	D	0.00	02.1		
07	07	64	02.0	PA	0003	36	57.9	76	24.2	*5		8	23	14	07			02.0			A	22.51	T	22	T	0.00	02.2		
07	07	64	02.0	PA	0003	36	57.9	76	24.2	*5		8	23	14	07			03.0			A	22.67	T	22	T	0.00	02.2		
07	07	64	02.0	PA	0003	36	57.9	76	24.2	*5		8	23	14	07			04.0			A	22.54	T	20	T	0.00	02.2		
07	07	64	02.0	PA	0003	36	57.9	76	24.2	*5		8	23	14	07			05.0			A	22.68		*		*	*		
07	07	64	02.0	PA	0003	36	57.9	76	24.2	*5		8	23	14	07			01.0			A	22.61	T	25	T	0.00	02.1		
07	07	64	02.5	PA	0003	36	57.9	76	24.2	5		1			*			00.0			A	22.54	L	24	D	0.28	02.6		
07	07	64	02.5	PA	0003	36	57.9	76	24.2	5		1			*			01.0			A	22.52	T	22	T	0.20	02.6		
07	07	64	02.5	PA	0003	36	57.9	76	24.2	5		1			*			02.0			A	22.57	T	22	T	0.20	02.7		
07	07	64	02.5	PA	0003	36	57.9	76	24.2	5		1			*			03.0			A	22.54	T	22	T	0.20	02.7		
07	07	64	02.5	PA	0003	36	57.9	76	24.2	5		1			*			04.0			A	22.64	T	22	T	0.22	02.7		
07	07	64	02.5	PA	0003	36	57.9	76	24.2	5		1			*			05.0			A	22.53		*		*	*		
07	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		1	23	18	06			00.0			A	22.59	L	24	D	0.40	03.1		
07	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		1	23	18	06			01.0			A	22.54	T	22	T	0.42	03.1		
07	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		1	23	18	06			02.0			A	22.63	T	19	T	0.40	03.2		
07	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		1	23	18	06			03.0			A	22.31	T	20	T	0.41	03.2		
07	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		1	23	18	06			04.0			A	22.62	T	20	T	0.35	03.3		
07	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		1	23	18	06			05.0			A	22.59		*		*	*		
07	07	64	03.5	PA	0003	36	57.9	76	24.2	5		1			*			00.0			A	22.69	L	26	D	0.48	03.6		
07	07	64	03.5	PA	0003	36	57.9	76	24.2	5		1			*			01.0			A	22.56	T	20	T	0.45	03.6		
07	07	64	03.5	PA	0003	36	57.9	76	24.2	5		1			*			02.0			A	22.66	T	22	T	0.45	03.6		
07	07	64	03.5	PA	0003	36	57.9	76	24.2	5		1			*			03.0			A	22.55	T	19	T	0.40	03.7		
07	07	64	03.5	PA	0003	36	57.9	76	24.2	5		1			*			04.0			A	22.71	T	18	T	0.42	03.7		
07	07	64	03.5	PA	0003	36	57.9	76	24.2	5		1			*			05.0			A	22.60		*		*	*		
07	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	06			00.0			A	22.54	L	26	D	0.53	04.1		
07	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	06			01.0			A	22.31	T	18	T	0.48	04.1		
07	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	06			02.0			A	22.45	T	18	T	0.47	04.2		
07	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	06			03.0			A	22.69	T	18	T	0.47	04.2		
07	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	06			04.0			A	22.71	T	18	T	0.40	04.2		
07	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	06			05.0			A	22.70		*		*	*		
07	07	64	04.5	PA	0003	36	57.9	76	24.2	5		2			*			00.0			A	22.78	L	25	D	0.58	04.6		
07	07	64	04.5	PA	0003	36	57.9	76	24.2	5		2			*			01.0			A	22.66	T	22	T	0.50	04.6		
07	07	64	04.5	PA	0003	36	57.9	76	24.2	5		2			*			02.0			A	22.79	T	21	T	0.50	04.6		
07	07	64	04.5	PA	0003	36	57.9	76	24.2	5		2			*			03.0			A	22.75	T	18	T	0.51	04.7		
07	07	64	04.5	PA	0003	36	57.9	76	24.2	5		2			*			04.0			A	22.76	T	21	T	0.47	04.7		
07	07	64	04.5	PA	0003	36	57.9	76	24.2	5		2			*			05.0			A	22.76		*		*	*		
07	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		2	22	17	04			00.0			A	22.92	L	26	D	0.65	05.2		
07	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		2	22	17	04			01.0			A	22.89	T	21	T	0.50	05.2		
07	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		2	22	17	04			02.0			A	22.94	T	20	T	0.50	05.3		
07	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		2	22	17	04			03.0			A	22.95	T	20	T	0.47	05.3		
07	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		2	22	17	04			04.0			A	22.96	T	19	T	0.46	05.3		
07	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		2	22	17	04			05.0			A	22.98		*		*	*		
07	07	64	05.5	PA	0003	36	57.9	76	24.2	5		2			*			00.0			A	23.06	L	25	D	0.53	05.6		
07	07	64	05.5	PA	0003	36	57.9	76	24.2	5		2			*			01.0			A	23.06	T	20	T	0.45	05.7		
07	07	64	05.5	PA	0003	36	57.9	76	24.2	5		2			*			02.0			A	23.09	T	19	T	0.43	05.7		
07	07	64	05.5	PA	0003	36	57.9	76	24.2	5		2			*			03.0			A	23.10	T	20	T	0.47	05.7		
07	07	64	05.5	PA	0003	36	57.9	76	24.2	5		2			*			04.0			A	23.11	T	20	T	0.40	05.7		
07	07	64	05.5	PA	0003	36	57.9	76	24.2	5		2			*			05.0			A	23.13		*		*	*		
07	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		2	22	18	03	1.6		00.0			A	23.28	L	26	D	0.51	06.1		
07	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		2	22	18	03	1.6		01.0			A	23.29	T	20	T	0.47	06.2		
07	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		2	22	18	03	1.6		02.0			A	23.31	T	20	T	0.46	06.2		
07	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		2	22	18	03	1.6		03.0			A	23.29	T	20	T	0.45	06.2		
07	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		2	22	18	03	1.6		04.0			A	23.28	T	19	T	0.42	06.2		
07	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		2	22	18	03	1.6		05.0			A	23.29		*		*	*		
07	07	64	06.5	PA	0003	36	57.9	76	24.2	5		3			*			00.0			A	23.08	L	26	D	0.39	06.6		
07	07	64	06.5	PA	0003	36	57.9	76	24.2	5		3			*			01.0			A	23.10	T	19	T	0.37	06.7		
07	07	64	06.5	PA	0003	36	57.9	76	24.2	5		3			*			03.0			A	23.18	T	20	T	0.34	06.7		
07	07	64	06.5	PA	0003	36	57.9	76	24.2	5		3			*			04.0			A	23.21	T	18	T	0.32	06.7		
07	07	64	06.5	PA	0003	36	57.9	76	24.2	5		3			*			02.0			A	23.15	T	20	T	0.35	06.7		
07	07	64	06.5	PA	0003	36	57.9	76	24.2	5		3			*			05.0			A	23.22		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
07	07	64	07.0	PA	0003	36	57.9	76	24.2	*6		3	22	18	02	1.6		00.0			A	22.88	L	27	D	0.23	07.1	
07	07	64	07.0	PA	0003	36	57.9	76	24.2	*6		3	22	18	02	1.6		01.0			A	22.91	T	20	T	0.20	07.2	
07	07	64	07.0	PA	0003	36	57.9	76	24.2	*6		3	22	18	02	1.6		02.0			A	23.02	T	20	T	0.21	07.2	
07	07	64	07.0	PA	0003	36	57.9	76	24.2	*6		3	22	18	02	1.6		03.0			A	23.02	T	18	T	0.25	07.2	
07	07	64	07.0	PA	0003	36	57.9	76	24.2	*6		3	22	18	02	1.6		04.0			A	23.10	T	17	T	0.21	07.2	
07	07	64	07.0	PA	0003	36	57.9	76	24.2	*6		3	22	18	02	1.6		05.0			A	23.10		*		*	*	
07	07	64	07.0	PA	0003	36	57.9	76	24.2	*6		3	22	18	02	1.6		06.0			A	23.13		*		*	*	
07	07	64	07.5	PA	0003	36	57.9	76	24.2	6		4			*			00.0			A	22.80	L	25	D	0.00	07.7	
07	07	64	07.5	PA	0003	36	57.9	76	24.2	6		4			*			02.0			A	22.92	T	26	T	0.04	07.8	
07	07	64	07.5	PA	0003	36	57.9	76	24.2	6		4			*			01.0			A	23.00	T	28	T	0.05	07.8	
07	07	64	07.5	PA	0003	36	57.9	76	24.2	6		4			*			03.0			A	22.92	T	17	T	0.03	07.8	
07	07	64	07.5	PA	0003	36	57.9	76	24.2	6		4			*			04.0			A	22.98	T	18	T	0.03	07.8	
07	07	64	07.5	PA	0003	36	57.9	76	24.2	6		4			*			05.0			A	22.99		*		*	07.8	
07	07	64	07.5	PA	0003	36	57.9	76	24.2	6		4			*			06.0			A	22.99		*		*	*	
07	07	64	08.0	PA	0003	36	57.9	76	24.2	*6		5	25	16	01	1.6		00.0			A	22.86	L	04	D	0.17	08.3	
07	07	64	08.0	PA	0003	36	57.9	76	24.2	*6		5	25	16	01	1.6		01.0			A	22.83	T	02	T	0.11	08.1	
07	07	64	08.0	PA	0003	36	57.9	76	24.2	*6		5	25	16	01	1.6		02.0			A	22.83	T	03	T	0.12	08.1	
07	07	64	08.0	PA	0003	36	57.9	76	24.2	*6		5	25	16	01	1.6		03.0			A	22.90	T	05	T	0.15	08.1	
07	07	64	08.0	PA	0003	36	57.9	76	24.2	*6		5	25	16	01	1.6		04.0			A	22.91	T	06	T	0.20	08.1	
07	07	64	08.0	PA	0003	36	57.9	76	24.2	*6		5	25	16	01	1.6		05.0			A	23.03		*		*	*	
07	07	64	08.0	PA	0003	36	57.9	76	24.2	*6		5	25	16	01	1.6		06.0			A	23.06		*		*	*	
07	07	64	08.5	PA	0003	36	57.9	76	24.2	6		5			*			00.0			A	22.91	L	04	D	0.36	08.7	
07	07	64	08.5	PA	0003	36	57.9	76	24.2	6		5			*			01.0			A	22.91	T	03	T	0.28	08.6	
07	07	64	08.5	PA	0003	36	57.9	76	24.2	6		5			*			02.0			A	23.02	T	03	T	0.30	08.6	
07	07	64	08.5	PA	0003	36	57.9	76	24.2	6		5			*			03.0			A	23.06	T	03	T	0.28	08.6	
07	07	64	08.5	PA	0003	36	57.9	76	24.2	6		5			*			04.0			A	23.06	T	03	T	0.28	08.6	
07	07	64	08.5	PA	0003	36	57.9	76	24.2	6		5			*			05.0			A	23.08		*		*	*	
07	07	64	08.5	PA	0003	36	57.9	76	24.2	6		5			*			06.0			A	23.08		*		*	*	
07	07	64	09.0	PA	0003	36	57.9	76	24.2	*6		6	27	18	01	1.6		00.0			A	22.74	L	04	D	0.62	09.2	
07	07	64	09.0	PA	0003	36	57.9	76	24.2	*6		6	27	18	01	1.6		01.0			A	22.76	T	03	T	0.45	09.1	
07	07	64	09.0	PA	0003	36	57.9	76	24.2	*6		6	27	18	01	1.6		02.0			A	22.91	T	03	T	0.47	09.1	
07	07	64	09.0	PA	0003	36	57.9	76	24.2	*6		6	27	18	01	1.6		03.0			A	22.98	T	03	T	0.43	09.1	
07	07	64	09.0	PA	0003	36	57.9	76	24.2	*6		6	27	18	01	1.6		04.0			A	22.98	T	03	T	0.42	09.1	
07	07	64	09.0	PA	0003	36	57.9	76	24.2	*6		6	27	18	01	1.6		05.0			A	23.02		*		*	*	
07	07	64	09.0	PA	0003	36	57.9	76	24.2	*6		6	27	18	01	1.6		06.0			A	23.02		*		*	*	
07	07	64	09.5	PA	0003	36	57.9	76	24.2	6		6			*			00.0			A	22.83	L	04	D	0.58	09.7	
07	07	64	09.5	PA	0003	36	57.9	76	24.2	6		6			*			01.0			A	22.87	T	04	T	0.50	09.6	
07	07	64	09.5	PA	0003	36	57.9	76	24.2	6		6			*			02.0			A	22.99	T	03	T	0.51	09.6	
07	07	64	09.5	PA	0003	36	57.9	76	24.2	6		6			*			03.0			A	23.02	T	03	T	0.49	09.6	
07	07	64	09.5	PA	0003	36	57.9	76	24.2	6		6			*			04.0			A	23.02	T	02	T	0.39	09.6	
07	07	64	09.5	PA	0003	36	57.9	76	24.2	6		6			*			05.0			A	23.03		*		*	*	
07	07	64	09.5	PA	0003	36	57.9	76	24.2	6		6			*			06.0			A	23.03		*		*	*	
07	07	64	10.0	PA	0003	36	57.9	76	24.2	6		6	31		00	1.5		00.0			A	22.72	L	04	D	0.57	10.2	
07	07	64	10.0	PA	0003	36	57.9	76	24.2	6		6	31		00	1.5		01.0			A	22.83	T	04	T	0.49	10.1	
07	07	64	10.0	PA	0003	36	57.9	76	24.2	6		6	31		00	1.5		02.0			A	22.91	T	03	T	0.50	10.1	
07	07	64	10.0	PA	0003	36	57.9	76	24.2	6		6	31		00	1.5		03.0			A	22.91	T	03	T	0.47	10.1	
07	07	64	10.0	PA	0003	36	57.9	76	24.2	6		6	31		00	1.5		04.0			A	22.91	T	03	T	0.45	10.1	
07	07	64	10.0	PA	0003	36	57.9	76	24.2	6		6	31		00	1.5		05.0			A	22.90		*		*	10.1	
07	07	64	10.0	PA	0003	36	57.9	76	24.2	6		6	31		00	1.5		06.0			A	22.90		*		*	*	
07	07	64	10.5	PA	0003	36	57.9	76	24.2	5		6			*			00.0			A	22.60	L	04	D	0.57	10.7	
07	07	64	10.5	PA	0003	36	57.9	76	24.2	5		6			*			00.0			A	22.53		*		*	*	
07	07	64	10.5	PA	0003	36	57.9	76	24.2	5		6			*			01.0			A	22.57	T	04	T	0.47	10.6	
07	07	64	10.5	PA	0003	36	57.9	76	24.2	5		6			*			02.0			A	22.57	T	03	T	0.48	10.6	
07	07	64	10.5	PA	0003	36	57.9	76	24.2	5		6			*			03.0			A	22.57	T	03	T	0.40	10.6	
07	07	64	10.5	PA	0003	36	57.9	76	24.2	5		6			*			04.0			A	22.57	T	03	T	0.43	10.6	
07	07	64	11.0	PA	0003	36	57.9	76	24.2	5		6	34		00	0.8		00.0			A	22.36	L	05	D	0.47	11.1	
07	07	64	11.0	PA	0003	36	57.9	76	24.2	5		6	34		00	0.8		01.0			A	22.33	T	04	T	0.42	11.2	
07	07	64	11.0	PA	0003	36	57.9	76	24.2	5		6	34		00	0.8		02.0			A	22.31	T	02	T	0.41	11.2	
07	07	64	11.0	PA	0003	36	57.9	76	24.2	5		6	34		00	0.8		03.0			A	21.35	T	04	T	0.41	11.2	
07	07	64	11.0	PA	0003	36	57.9	76	24.2	5		6	34		00	0.8		04.0			A	22.41	T	02	T	0.40	11.2	
07	07	64	11.0	PA	0003	36	57.9	76	24.2	5		6	34		00	0.8		05.0			A	22.41		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
07	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*			02.0			A	22.36	T	02	T	0.40	11.6	
07	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*			03.0			A	22.45	T	04	T	0.33	11.6	
07	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*			05.0			A	22.49		*		*	*	
07	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*			00.0			A	22.43	L	05	D	0.38	11.6	
07	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*			01.0			A	22.40	T	01	T	0.40	11.7	
07	07	64	11.5	PA	0003	36	57.9	76	24.2	5		7			*			04.0			A	22.42	T	03	T	0.35	11.6	
07	07	64	12.0	PA	0003	36	57.9	76	24.2	*5		7	29	21	00	1.0		00.0			A	22.37	L	05	D	0.30	12.1	
07	07	64	12.0	PA	0003	36	57.9	76	24.2	*5		7	29	21	00	1.0		01.0			A	22.43	T	03	T	0.30	12.1	
07	07	64	12.0	PA	0003	36	57.9	76	24.2	*5		7	29	21	00	1.0		02.0			A	22.42	T	02	T	0.37	12.1	
07	07	64	12.0	PA	0003	36	57.9	76	24.2	*5		7	29	21	00	1.0		03.0			A	22.54	T	03	T	0.35	12.2	
07	07	64	12.0	PA	0003	36	57.9	76	24.2	*5		7	29	21	00	1.0		04.0			A	22.55	T	03	T	0.30	12.2	
07	07	64	12.0	PA	0003	36	57.9	76	24.2	*5		7	29	21	00	1.0		05.0			A	22.48		*		*	*	
07	07	64	12.5	PA	0003	36	57.9	76	24.2	5		7			*			00.0			A	22.17	L	04	D	0.23	12.6	
07	07	64	12.5	PA	0003	36	57.9	76	24.2	5		7			*			01.0			A	22.45	T	02	T	0.22	12.6	
07	07	64	12.5	PA	0003	36	57.9	76	24.2	5		7			*			02.0			A	22.56	T	03	T	0.26	12.7	
07	07	64	12.5	PA	0003	36	57.9	76	24.2	5		7			*			03.0			A	22.49	T	00	T	0.25	12.7	
07	07	64	12.5	PA	0003	36	57.9	76	24.2	5		7			*			04.0			A	22.51	T	01	T	0.25	12.7	
07	07	64	12.5	PA	0003	36	57.9	76	24.2	5		7			*			05.0			A	22.44		*		*	*	
07	07	64	13.0	PA	0003	36	57.9	76	24.2	*5		8	29	15	01			00.0			A	22.46	L	05	D	0.00	13.1	
07	07	64	13.0	PA	0003	36	57.9	76	24.2	*5		8	29	15	01			01.0			A	22.37	T	03	T	0.10	13.2	
07	07	64	13.0	PA	0003	36	57.9	76	24.2	*5		8	29	15	01			02.0			A	22.49	T	04	T	0.10	13.2	
07	07	64	13.0	PA	0003	36	57.9	76	24.2	*5		8	29	15	01			03.0			A	22.48	T	04	T	0.05	13.3	
07	07	64	13.0	PA	0003	36	57.9	76	24.2	*5		8	29	15	01			04.0			A	22.49	T	04	T	0.10	13.3	
07	07	64	13.0	PA	0003	36	57.9	76	24.2	*5		8	29	15	01			05.0			A	22.42		*		*	*	
07	07	64	13.5	PA	0003	36	57.9	76	24.2	5		8			*			00.0			A	16.82	L	22	D	0.00	13.6	
07	07	64	13.5	PA	0003	36	57.9	76	24.2	5		8			*			01.0			A	21.99	T	22	T	0.10	13.6	
07	07	64	13.5	PA	0003	36	57.9	76	24.2	5		8			*			02.0			A	22.18	T	20	T	0.10	13.7	
07	07	64	13.5	PA	0003	36	57.9	76	24.2	5		8			*			03.0			A	22.40	T	22	T	0.05	13.7	
07	07	64	13.5	PA	0003	36	57.9	76	24.2	5		8			*			04.0			A	22.35	T	22	T	0.05	13.7	
07	07	64	13.5	PA	0003	36	57.9	76	24.2	5		8			*			05.0			A	22.48		*		*	*	
07	07	64	14.0	PA	0003	36	57.9	76	24.2	*5		1	31	18	01	1.6		00.0			A	22.44	L	23	D	0.27	14.1	
07	07	64	14.0	PA	0003	36	57.9	76	24.2	*5		1	31	18	01	1.6		01.0			A	22.50	T	22	T	0.20	14.2	
07	07	64	14.0	PA	0003	36	57.9	76	24.2	*5		1	31	18	01	1.6		02.0			A	22.51	T	20	T	0.25	14.2	
07	07	64	14.0	PA	0003	36	57.9	76	24.2	*5		1	31	18	01	1.6		03.0			A	22.55	T	20	T	0.32	14.2	
07	07	64	14.0	PA	0003	36	57.9	76	24.2	*5		1	31	18	01	1.6		04.0			A	22.58	T	21	T	0.30	14.2	
07	07	64	14.0	PA	0003	36	57.9	76	24.2	*5		1	31	18	01	1.6		05.0			A	22.54		*		*	*	
07	07	64	14.5	PA	0003	36	57.9	76	24.2	5		2			*			00.0			A	22.35	L	26	D	0.54	14.6	
07	07	64	14.5	PA	0003	36	57.9	76	24.2	5		2			*			01.0			A	22.31	T	22	T	0.45	14.7	
07	07	64	14.5	PA	0003	36	57.9	76	24.2	5		2			*			02.0			A	22.51	T	19	T	0.50	14.7	
07	07	64	14.5	PA	0003	36	57.9	76	24.2	5		2			*			03.0			A	22.51	T	20	T	0.46	14.7	
07	07	64	14.5	PA	0003	36	57.9	76	24.2	5		2			*			04.0			A	22.55	T	19	T	0.43	14.7	
07	07	64	14.5	PA	0003	36	57.9	76	24.2	5		2			*			05.0			A	22.55		*		*	*	
07	07	64	15.0	PA	0003	36	57.9	76	24.2	*5		2	36	19	02	1.4		00.0			A	22.34	L	25	D	0.69	15.2	
07	07	64	15.0	PA	0003	36	57.9	76	24.2	*5		2	36	19	02	1.4		01.0			A	22.38	T	20	T	0.55	15.3	
07	07	64	15.0	PA	0003	36	57.9	76	24.2	*5		2	36	19	02	1.4		02.0			A	22.40	T	19	T	0.50	15.3	
07	07	64	15.0	PA	0003	36	57.9	76	24.2	*5		2	36	19	02	1.4		03.0			A	22.43	T	20	T	0.50	15.3	
07	07	64	15.0	PA	0003	36	57.9	76	24.2	*5		2	36	19	02	1.4		04.0			A	22.53	T	19	T	0.50	15.3	
07	07	64	15.0	PA	0003	36	57.9	76	24.2	*5		2	36	19	02	1.4		05.0			A	22.53		*		*	*	
07	07	64	15.5	PA	0003	36	57.9	76	24.2	5		2			*			00.0			A	22.33	L	24	D	0.65	15.6	
07	07	64	15.5	PA	0003	36	57.9	76	24.2	5		2			*			01.0			A	22.35	T	20	T	0.52	15.7	
07	07	64	15.5	PA	0003	36	57.9	76	24.2	5		2			*			02.0			A	22.45	T	19	T	0.52	15.7	
07	07	64	15.5	PA	0003	36	57.9	76	24.2	5		2			*			03.0			A	22.46	T	19	T	0.50	15.7	
07	07	64	15.5	PA	0003	36	57.9	76	24.2	5		2			*			04.0			A	22.47	T	19	T	0.46	15.7	
07	07	64	15.5	PA	0003	36	57.9	76	24.2	5		2			*			05.0			A	22.48		*		*	*	
07	07	64	16.0	PA	0003	36	57.9	76	24.2	5		2	32	4	09			00.0			A	22.57	L	25	D	0.74	16.0	
07	07	64	16.0	PA	0003	36	57.9	76	24.2	5		2	32	4	09			01.0			A	22.57	T	20	T	0.55	16.2	
07	07	64	16.0	PA	0003	36	57.9	76	24.2	5		2	32	4	09			02.0			A	22.54	T	19	T	0.60	16.2	
07	07	64	16.0	PA	0003	36	57.9	76	24.2	5		2	32	4	09			03.0			A	22.62	T	19	T	0.51	16.2	
07	07	64	16.0	PA	0003	36	57.9	76	24.2	5		2	32	4	09			04.0			A	22.56	T	19	T	0.55	16.2	
07	07	64	16.0	PA	0003	36	57.9	76	24.2	5		2	32	4	09			05.0			A	22.61		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
07	07	64	16.5	PA	0003	36	57.9	76	24.2	5		2			*			00.0			A	22.79	L	26	D	0.87	16.1	
07	07	64	16.5	PA	0003	36	57.9	76	24.2	5		2			*			01.0			A	22.80	T	20	T	0.55	16.2	
07	07	64	16.5	PA	0003	36	57.9	76	24.2	5		2			*			03.0			A	22.83	T	19	T	0.50	16.2	
07	07	64	16.5	PA	0003	36	57.9	76	24.2	5		2			*			02.0			A	22.81	T	20	T	0.60	16.2	
07	07	64	16.5	PA	0003	36	57.9	76	24.2	5		2			*			04.0			A	22.83	T	19	T	0.55	16.2	
07	07	64	16.5	PA	0003	36	57.9	76	24.2	5		2			*			05.0			A	22.84		*		*	*	
07	07	64	17.0	PA	0003	36	57.9	76	24.2	*6		2	31	14	13			01.0			A	22.93	T	19	T	0.50	17.1	
07	07	64	17.0	PA	0003	36	57.9	76	24.2	*6		2	31	14	13			02.0			A	22.94	T	19	T	0.50	17.1	
07	07	64	17.0	PA	0003	36	57.9	76	24.2	*6		2	31	14	13			03.0			A	22.95	T	19	T	0.50	17.1	
07	07	64	17.0	PA	0003	36	57.9	76	24.2	*6		2	31	14	13			04.0			A	22.92	T	19	T	0.50	17.1	
07	07	64	17.0	PA	0003	36	57.9	76	24.2	*6		2	31	14	13			05.0			A	22.95		*		*	*	
07	07	64	17.0	PA	0003	36	57.9	76	24.2	*6		2	31	14	13			00.0			A	22.94	L	24	D	0.90	17.2	
07	07	64	17.5	PA	0003	36	57.9	76	24.2	6		2			*			00.0			A	23.01	L	24	D	0.78	17.7	
07	07	64	17.5	PA	0003	36	57.9	76	24.2	6		2			*			01.0			A	23.05	T	19	T	0.50	17.6	
07	07	64	17.5	PA	0003	36	57.9	76	24.2	6		2			*			02.0			A	22.99	T	19	T	0.50	17.6	
07	07	64	17.5	PA	0003	36	57.9	76	24.2	6		2			*			03.0			A	22.95	T	19	T	0.50	17.6	
07	07	64	17.5	PA	0003	36	57.9	76	24.2	6		2			*			04.0			A	22.99	T	19	T	0.50	17.6	
07	07	64	17.5	PA	0003	36	57.9	76	24.2	6		2			*			05.0			A	22.96		*		*	*	
07	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		2	29	15	03			00.0			A	23.01	L	25	D	0.62	18.2	
07	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		2	29	15	03			01.0			A	22.99	T	23	T	0.55	18.1	
07	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		2	29	15	03			02.0			A	22.93	T	23	T	0.55	18.1	
07	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		2	29	15	03			03.0			A	22.99	T	23	T	0.55	18.1	
07	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		2	29	15	03			04.0			A	22.97	T	22	T	0.49	18.1	
07	07	64	18.0	PA	0003	36	57.9	76	24.2	*6		2	29	15	03			05.0			A	22.98		*		*	*	
07	07	64	18.5	PA	0003	36	57.9	76	24.2	6		3			*			00.0			A	22.92	L	25	D	0.53	18.7	
07	07	64	18.5	PA	0003	36	57.9	76	24.2	6		3			*			01.0			A	22.96	T	22	T	0.40	18.6	
07	07	64	18.5	PA	0003	36	57.9	76	24.2	6		3			*			02.0			A	22.95	T	20	T	0.45	18.6	
07	07	64	18.5	PA	0003	36	57.9	76	24.2	6		3			*			03.0			A	22.95	T	20	T	0.54	18.6	
07	07	64	18.5	PA	0003	36	57.9	76	24.2	6		3			*			04.0			A	22.94	T	20	T	0.42	18.6	
07	07	64	18.5	PA	0003	36	57.9	76	24.2	6		3			*			05.0			A	22.91		*		*	*	
07	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	17	09			00.0			A	22.98	L	23	D	0.44	19.2	
07	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	17	09			01.0			A	22.92	T	20	T	0.39	19.1	
07	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	17	09			02.0			A	22.94	T	20	T	0.38	19.1	
07	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	17	09			03.0			A	22.93	T	21	T	0.42	19.1	
07	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	17	09			04.0			A	22.94	T	19	T	0.45	19.1	
07	07	64	19.0	PA	0003	36	57.9	76	24.2	*6		3	26	17	09			05.0			A	22.94		*		*	*	
07	07	64	19.5	PA	0003	36	57.9	76	24.2	6		3			*			00.0			A	22.90	L	24	D	0.38	19.7	
07	07	64	19.5	PA	0003	36	57.9	76	24.2	6		3			*			01.0			A	22.88	T	22	T	0.35	19.7	
07	07	64	19.5	PA	0003	36	57.9	76	24.2	6		3			*			02.0			A	22.88	T	20	T	0.34	19.7	
07	07	64	19.5	PA	0003	36	57.9	76	24.2	6		3			*			03.0			A	22.84	T	21	T	0.32	19.7	
07	07	64	19.5	PA	0003	36	57.9	76	24.2	6		3			*			04.0			A	22.87	T	21	T	0.33	19.7	
07	07	64	19.5	PA	0003	36	57.9	76	24.2	6		3			*			05.0			A	22.84		*		*	*	
07	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		3	26	15	12			00.0			A	23.09	L	25	D	0.24	20.1	
07	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		3	26	15	12			01.0			A	22.58	T	18	T	0.20	20.1	
07	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		3	26	15	12			02.0			A	22.47	T	18	T	0.20	20.2	
07	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		3	26	15	12			03.0			A	22.59	T	18	T	0.20	20.2	
07	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		3	26	15	12			04.0			A	22.21	T	18	T	0.18	20.2	
07	07	64	20.0	PA	0003	36	57.9	76	24.2	*6		3	26	15	12			05.0			A	22.76		*		*	*	
07	07	64	20.5	PA	0003	36	57.9	76	24.2	6		3			*			00.0			A	22.41	L	25	D	0.00	20.6	
07	07	64	20.5	PA	0003	36	57.9	76	24.2	6		3			*			01.0			A	22.80	T	18	T	0.08	20.7	
07	07	64	20.5	PA	0003	36	57.9	76	24.2	6		3			*			02.0			A	22.20	T	18	T	0.10	20.7	
07	07	64	20.5	PA	0003	36	57.9	76	24.2	6		3			*			03.0			A	21.99	T	20	T	0.11	20.7	
07	07	64	20.5	PA	0003	36	57.9	76	24.2	6		3			*			04.0			A	22.54	T	18	T	0.15	20.7	
07	07	64	20.5	PA	0003	36	57.9	76	24.2	6		3			*			05.0			A	22.20		*		*	*	
07	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		4	25	17	11			00.0			A	22.27	L	34	D	0.00	21.1	
07	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		4	25	17	11			01.0			A	22.18	T	06	T	0.07	21.1	
07	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		4	25	17	11			02.0			A	21.89	T	36	T	0.05	21.2	
07	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		4	25	17	11			03.0			A	21.69	T	04	T	0.07	21.2	
07	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		4	25	17	11			04.0			A	20.84	T	04	T	0.05	21.2	
07	07	64	21.0	PA	0003	36	57.9	76	24.2	*6		4	25	17	11			05.0			A	22.45		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
07	07	64	21.5	PA	0003	36	57.9	76	24.2	6		4			*			00.0			A	22.74	L	05	D	0.00	21.6	
07	07	64	21.5	PA	0003	36	57.9	76	24.2	6		4			*			02.0			A	22.26	T	09	T	0.10	21.6	
07	07	64	21.5	PA	0003	36	57.9	76	24.2	6		4			*			03.0			A	22.74	T	36	T	0.25	21.7	
07	07	64	21.5	PA	0003	36	57.9	76	24.2	6		4			*			04.0			A	22.71	T	03	T	0.20	21.7	
07	07	64	21.5	PA	0003	36	57.9	76	24.2	6		4			*			05.0			A	22.84		*		*	*	
07	07	64	21.5	PA	0003	36	57.9	76	24.2	6		4			*			01.0			A	22.74	T	03	T	0.10	21.6	
07	07	64	22.0	PA	0003	36	57.9	76	24.2	*6		4	24	19	10			01.0			A	21.10	T	23	T	0.25	22.2	
07	07	64	22.0	PA	0003	36	57.9	76	24.2	*6		4	24	19	10			02.0			A	22.47	T	03	T	0.30	22.2	
07	07	64	22.0	PA	0003	36	57.9	76	24.2	*6		4	24	19	10			03.0			A	22.09	T	36	T	0.50	22.3	
07	07	64	22.0	PA	0003	36	57.9	76	24.2	*6		4	24	19	10			04.0			A	22.29	T	04	T	0.50	22.3	
07	07	64	22.0	PA	0003	36	57.9	76	24.2	*6		4	24	19	10			05.0			A	22.33		*		*	*	
07	07	64	22.0	PA	0003	36	57.9	76	24.2	*6		4	24	19	10			00.0			A	22.47	L	33	D	0.00	22.1	
07	07	64	22.5	PA	0003	36	57.9	76	24.2	6		6			*			00.0			A	22.72	L	03	D	0.65	22.6	
07	07	64	22.5	PA	0003	36	57.9	76	24.2	6		6			*			01.0			A	21.81	T	36	T	0.50	22.6	
07	07	64	22.5	PA	0003	36	57.9	76	24.2	6		6			*			02.0					T	01	T	0.52	22.7	
07	07	64	22.5	PA	0003	36	57.9	76	24.2	6		6			*			03.0					T	36	T	0.50	22.7	
07	07	64	22.5	PA	0003	36	57.9	76	24.2	6		6			*			04.0					T	03	T	0.51	22.7	
07	07	64	22.5	PA	0003	36	57.9	76	24.2	6		6			*			05.0						*		*	*	
07	07	64	23.0	PA	0003	36	57.9	76	24.2	*		6	24	19	05			00.0			A	23.06	L	01	D	0.66	23.1	
07	07	64	23.0	PA	0003	36	57.9	76	24.2	*		6	24	19	05			01.0			A	23.09	T	02	T	0.50	23.1	
07	07	64	23.0	PA	0003	36	57.9	76	24.2	*		6	24	19	05			02.0			A	23.07	T	01	T	0.50	23.2	
07	07	64	23.0	PA	0003	36	57.9	76	24.2	*		6	24	19	05			03.0					T	01	T	0.50	23.2	
07	07	64	23.0	PA	0003	36	57.9	76	24.2	*		6	24	19	05			04.0					T	02	T	0.45	23.2	
07	07	64	23.0	PA	0003	36	57.9	76	24.2	*		6	24	19	05			05.0						*		*	*	
07	07	64	23.5	PA	0003	36	57.9	76	24.2			6			*			00.0			A	22.91	L	01	D	0.71	23.0	
07	07	64	23.5	PA	0003	36	57.9	76	24.2			6			*			01.0					T	01	T	0.65	23.1	
07	07	64	23.5	PA	0003	36	57.9	76	24.2			6			*			02.0					T	01	T	0.60	23.1	
07	07	64	23.5	PA	0003	36	57.9	76	24.2			6			*			03.0					T	01	T	0.50	23.1	
07	07	64	23.5	PA	0003	36	57.9	76	24.2			6			*			04.0					T	01	T	0.50	23.1	
08	07	64	00.0	PA	0003	36	57.9	76	24.2	*		6	24	17	06			00.0					L	01	D	0.58	00.2	
08	07	64	00.0	PA	0003	36	57.9	76	24.2	*		6	24	17	06			01.0					T	01	T	0.50	00.3	
08	07	64	00.0	PA	0003	36	57.9	76	24.2	*		6	24	17	06			02.0					T	01	T	0.50	00.3	
08	07	64	00.0	PA	0003	36	57.9	76	24.2	*		6	24	17	06			03.0					T	01	T	0.50	03.0	
08	07	64	00.0	PA	0003	36	57.9	76	24.2	*		6	24	17	06			04.0					T	01	T	0.45	00.3	
08	07	64	00.0	PA	0003	36	57.9	76	24.2	*		6	24	17	06			05.0						*		*	*	
08	07	64	00.5	PA	0003	36	57.9	76	24.2			6			*			00.0			A	22.91	L	01	D	0.51	00.6	
08	07	64	00.5	PA	0003	36	57.9	76	24.2			6			*			01.0					T	00	T	0.55	00.7	
08	07	64	00.5	PA	0003	36	57.9	76	24.2			6			*			02.0					T	01	T	0.50	00.7	
08	07	64	00.5	PA	0003	36	57.9	76	24.2			6			*			03.0					T	31	T	0.47	00.7	
08	07	64	00.5	PA	0003	36	57.9	76	24.2			6			*			04.0					T	01	T	0.45	00.7	
08	07	64	01.0	PA	0003	36	57.9	76	24.2	*		6	23	18	07			00.0			A	22.80	L	02	D	0.42	01.1	
08	07	64	01.0	PA	0003	36	57.9	76	24.2	*		6	23	18	07			01.0					T	01	T	0.47	01.2	
08	07	64	01.0	PA	0003	36	57.9	76	24.2	*		6	23	18	07			02.0					T	01	T	0.47	01.2	
08	07	64	01.0	PA	0003	36	57.9	76	24.2	*		6	23	18	07			03.0					T	01	T	0.45	01.2	
08	07	64	01.0	PA	0003	36	57.9	76	24.2	*		6	23	18	07			04.0					T	02	T	0.45	01.2	
08	07	64	01.0	PA	0003	36	57.9	76	24.2	*		6	23	18	07			05.0						*		*	*	
08	07	64	01.5	PA	0003	36	57.9	76	24.2			7			*			00.0			A	22.80	L	02	D	0.30	01.6	
08	07	64	01.5	PA	0003	36	57.9	76	24.2			7			*			01.0					T	01	T	0.38	01.7	
08	07	64	01.5	PA	0003	36	57.9	76	24.2			7			*			02.0					T	01	T	0.35	01.7	
08	07	64	01.5	PA	0003	36	57.9	76	24.2			7			*			03.0					T	01	T	0.40	01.7	
08	07	64	01.5	PA	0003	36	57.9	76	24.2			7			*			04.0					T	01	T	0.30	01.7	
08	07	64	02.0	PA	0003	36	57.9	76	24.2	*		7	23	19	15			00.0			A	22.62	L	03	D	0.31	02.2	
08	07	64	02.0	PA	0003	36	57.9	76	24.2	*		7	23	19	15			01.0					T	04	T	0.22	02.3	
08	07	64	02.0	PA	0003	36	57.9	76	24.2	*		7	23	19	15			02.0					T	02	T	0.20	02.3	
08	07	64	02.0	PA	0003	36	57.9	76	24.2	*		7	23	19	15			03.0					T	03	T	0.15	02.3	
08	07	64	02.0	PA	0003	36	57.9	76	24.2	*		7	23	19	15			04.0					T	02	T	0.12	02.3	
08	07	64	02.0	PA	0003	36	57.9	76	24.2	*		7	23	19	15			05.0						*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
08	07	64	02.5	PA	0003	36	57.9	76	24.2			7			*			00.0			A	22.54	L	03	D	0.14	02.7	
08	07	64	02.5	PA	0003	36	57.9	76	24.2			7			*			01.0					T	04	T	0.11	02.6	
08	07	64	02.5	PA	0003	36	57.9	76	24.2			7			*			02.0					T	04	T	0.08	02.6	
08	07	64	02.5	PA	0003	36	57.9	76	24.2			7			*			03.0					T	04	T	0.07	02.6	
08	07	64	02.5	PA	0003	36	57.9	76	24.2			7			*			04.0					T	04	T	0.09	02.6	
08	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		8	23	18	10			00.0			A	22.52	L	29	D	0.00	03.1	
08	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		8	23	18	10			01.0					T	24	T	0.07	03.1	
08	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		8	23	18	10			02.0					T	26	T	0.06	03.1	
08	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		8	23	18	10			03.0					T	08	T	0.10	03.1	
08	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		8	23	18	10			04.0					T	18	T	0.04	03.1	
08	07	64	03.0	PA	0003	36	57.9	76	24.2	*5		8	23	18	10			05.0						*		*	*	
08	07	64	03.5	PA	0003	36	57.9	76	24.2			1			*			00.0			A	22.53	L	22	D	0.16	03.6	
08	07	64	03.5	PA	0003	36	57.9	76	24.2			1			*			01.0					T	20	T	0.21	03.7	
08	07	64	03.5	PA	0003	36	57.9	76	24.2			1			*			02.0					T	22	T	0.20	03.7	
08	07	64	03.5	PA	0003	36	57.9	76	24.2			1			*			03.0					T	22	T	0.18	03.7	
08	07	64	03.5	PA	0003	36	57.9	76	24.2			1			*			04.0					T	21	T	0.25	03.7	
08	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	23	19	08			00.0			A	22.59	L	22	D	0.51	04.0	
08	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	23	19	08			01.0					T	21	T	0.34	04.1	
08	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	23	19	08			02.0					T	20	T	0.40	04.1	
08	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	23	19	08			03.0					T	20	T	0.38	04.1	
08	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	23	19	08			04.0					T	20	T	0.29	04.1	
08	07	64	04.0	PA	0003	36	57.9	76	24.2	*5		1	23	19	08			05.0						*		*	*	
08	07	64	04.5	PA	0003	36	57.9	76	24.2			1			*			00.0			A	22.66	L	21	D	0.47	04.5	
08	07	64	04.5	PA	0003	36	57.9	76	24.2			1			*			01.0					T	21	T	0.42	04.6	
08	07	64	04.5	PA	0003	36	57.9	76	24.2			1			*			02.0					T	22	T	0.42	04.6	
08	07	64	04.5	PA	0003	36	57.9	76	24.2			1			*			03.0					T	21	T	0.38	04.6	
08	07	64	04.5	PA	0003	36	57.9	76	24.2			1			*			04.0					T	20	T	0.34	04.6	
08	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		1	22	19	10			00.0			A	22.62	L	23	D	0.41	05.1	
08	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		1	22	19	10			01.0			A	22.62	T	18	T	0.42	05.2	
08	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		1	22	19	10			02.0			A	22.19	T	18	T	0.32	05.2	
08	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		1	22	19	10			03.0			A	22.58	T	18	T	0.47	05.2	
08	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		1	22	19	10			04.0			A	22.57	T	18	T	0.42	05.2	
08	07	64	05.0	PA	0003	36	57.9	76	24.2	*5		1	22	19	10			05.0			A	21.88		*		*	*	
08	07	64	05.5	PA	0003	36	57.9	76	24.2	5		1			*			00.0			A	21.93	L	24	D	0.40	05.6	
08	07	64	05.5	PA	0003	36	57.9	76	24.2	5		1			*			01.0			A	21.72	T	36	T	0.47	05.6	
08	07	64	05.5	PA	0003	36	57.9	76	24.2	5		1			*			02.0			A	21.90	T	36	T	0.47	05.6	
08	07	64	05.5	PA	0003	36	57.9	76	24.2	5		1			*			03.0			A	21.78	T	36	T	0.42	05.7	
08	07	64	05.5	PA	0003	36	57.9	76	24.2	5		1			*			04.0			A	22.35	T	36	T	0.40	05.7	
08	07	64	05.5	PA	0003	36	57.9	76	24.2	5		1			*			05.0			A	22.62		*		*	*	
08	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	09			00.0			A	21.68	L	23	D	0.34	06.1	
08	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	09			01.0			A	22.22	T	18	T	0.45	06.1	
08	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	09			02.0			A	22.80	T	18	T	0.45	06.2	
08	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	09			03.0			A	22.54	T	18	T	0.45	06.2	
08	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	09			04.0			A	22.79	T	18	T	0.47	06.3	
08	07	64	06.0	PA	0003	36	57.9	76	24.2	*5		1	22	17	09			05.0			A	22.83		*		*	*	
08	07	64	06.5	PA	0003	36	57.9	76	24.2	5		1			*			00.0			A	22.86	L	24	D	0.35	06.6	
08	07	64	06.5	PA	0003	36	57.9	76	24.2	5		1			*			01.0			A	22.67	T	18	T	0.37	06.6	
08	07	64	06.5	PA	0003	36	57.9	76	24.2	5		1			*			02.0			A	22.43	T	17	T	0.42	06.7	
08	07	64	06.5	PA	0003	36	57.9	76	24.2	5		1			*			03.0			A	22.60	T	19	T	0.42	06.7	
08	07	64	06.5	PA	0003	36	57.9	76	24.2	5		1			*			04.0			A	22.84	T	18	T	0.40	06.7	
08	07	64	06.5	PA	0003	36	57.9	76	24.2	5		1			*			05.0			A	22.75		*		*	*	
08	07	64	07.0	PA	0003	36	57.9	76	24.2	*5		2	23	17	11	,		00.0			A	22.82	L	22	D	0.35	07.1	
08	07	64	07.0	PA	0003	36	57.9	76	24.2	*5		2	23	17	11	,		01.0			A	22.66	T	20	T	0.35	07.1	
08	07	64	07.0	PA	0003	36	57.9	76	24.2	*5		2	23	17	11	,		02.0			A	22.60	T	18	T	0.35	07.2	
08	07	64	07.0	PA	0003	36	57.9	76	24.2	*5		2	23	17	11	,		03.0			A	22.69	T	18	T	0.35	07.2	
08	07	64	07.0	PA	0003	36	57.9	76	24.2	*5		2	23	17	11	,		04.0			A	22.43	T	18	T	0.30	07.3	
08	07	64	07.0	PA	0003	36	57.9	76	24.2	*5		2	23	17	11	,		05.0			A	22.85		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
06	07	64	12.5	LA	0003	36	57.5	76	23.7	6		7	32	9	05	1.6		00.0	C	23.92	C	22.39		*		*	*		
06	07	64	12.5	LA	0003	36	57.5	76	23.7	6		7	32	9	05	1.6		02.0	C	23.22	C	22.84		*		*	*		
06	07	64	12.5	LA	0003	36	57.5	76	23.7	6		7	32	9	05	1.6		04.0	C	23.18	C	22.86		*		*	*		
06	07	64	12.5	LA	0003	36	57.5	76	23.7	6		7	32	9	05	1.6		05.0	C	23.17	C	22.85		*		*	*		
06	07	64	12.5	LA	0003	36	57.5	76	23.7	6		7	32	9	05	1.6		06.0	C	23.16	C	22.88		*		*	*		
06	07	64	13.0	LA	0003	36	57.6	76	23.7	6		7	31	9	03	1.8		00.0	C	24.08	C	21.95		*	U	0.00	13.2		
06	07	64	13.0	LA	0003	36	57.5	76	23.7	6		7	31	9	03	1.8		02.0	C	23.44	C	22.82		*		*	*		
06	07	64	13.0	LA	0003	36	57.5	76	23.7	6		7	31	9	03	1.8		04.0	C	23.22	C	22.90		*		*	*		
06	07	64	13.0	LA	0003	36	57.5	76	23.7	6		7	31	9	03	1.8		05.0	C	23.18	C	22.89		*		*	*		
06	07	64	13.0	LA	0003	36	57.5	76	23.7	6		7	31	9	03	1.8		06.0	C	23.16	C	22.89		*		*	*		
06	07	64	13.5	LA	0003	36	57.5	76	23.7	6		8			*	2.0		00.0	C	23.76	C	22.73		*	U	0.00	13.6		
06	07	64	13.5	LA	0003	36	57.5	76	23.7	6		8			*			02.0	C	23.38	C	22.88	U	27	U	0.17	13.6		
06	07	64	13.5	LA	0003	36	57.5	76	23.7	6		8			*			04.0	C	23.28	C	22.91	U	27	U	0.15	13.7		
06	07	64	13.5	LA	0003	36	57.5	76	23.7	6		8			*			05.0	C	23.20	C	22.91	U	28	U	0.13	13.7		
06	07	64	13.5	LA	0003	36	57.5	76	23.7	6		8			*	2.0		06.0	C	23.18	C	22.93		*		*	*		
06	07	64	14.0	LA	0003	36	57.5	76	23.7	6		1	29	9	06	1.5		00.0	C	23.96	C	23.82	D	26	D	0.32	14.0		
06	07	64	14.0	LA	0003	36	57.5	76	23.7	6		1	29	9	06	1.5		02.0	C	23.42	C	22.95	V	27	V	0.35	14.0		
06	07	64	14.0	LA	0003	36	57.5	76	23.7	6		1	29	9	06	1.5		04.0	C	23.46	C	22.82	V	27	V	0.21	14.0		
06	07	64	14.0	LA	0003	36	57.5	76	23.7	6		1	29	9	06	1.5		05.0	C	23.32	C	22.89	V	27	V	0.20	14.0		
06	07	64	14.0	LA	0003	36	57.5	76	23.7	6		1	29	9	06	1.5		06.0	C	23.32	C	22.90		*		*	*		
06	07	64	14.5	LA	0003	36	57.5	76	23.7	6		2			*	1.2		00.0	C	23.88	C	22.67	V	27	V	0.45	14.6		
06	07	64	14.5	LA	0003	36	57.5	76	23.7	6		2			*	1.2		02.0	C	23.80	C	22.69	V	26	V	0.40	14.6		
06	07	64	14.5	LA	0003	36	57.5	76	23.7	6		2			*	1.2		04.0	C	23.76	C	22.71	V	26	V	0.42	14.6		
06	07	64	14.5	LA	0003	36	57.5	76	23.7	6		2			*	1.2		05.0	C	23.76	C	22.70	V	26	V	0.42	14.6		
06	07	64	14.5	LA	0003	36	57.5	76	23.7	6		2			*	1.2		06.0	C	23.74	C	22.71		*		*	*		
06	07	64	15.0	LA	0003	36	57.5	76	23.7	6		2	29	8	05	2.0		00.0	C	23.96	C	22.76	D	27	D	0.38	15.1		
06	07	64	15.0	LA	0003	36	57.5	76	23.7	6		2	29	8	05	2.0		02.0	C	23.92	C	22.78	V	27	V	0.55	15.1		
06	07	64	15.0	LA	0003	36	57.5	76	23.7	6		2	29	8	05	2.0		04.0	C	23.92	C	22.79	V	27	V	0.50	15.1		
06	07	64	15.0	LA	0003	36	57.5	76	23.7	6		2	29	8	05	2.0		05.0	C	23.92	C	22.81	V	27	V	0.50	15.1		
06	07	64	15.0	LA	0003	36	57.5	76	23.7	6		2	29	8	05	2.0		06.0	C	23.92	C	22.79		*		*	15.1		
06	07	64	15.5	LA	0003	36	57.5	76	23.7	6		2			*	1.5		00.0	C	24.26	C	23.12	D	26	D	0.65	15.6		
06	07	64	15.5	LA	0003	36	57.5	76	23.7	6		2			*	1.5		02.0	C	24.20	C	23.16	U	25	U	0.62	15.6		
06	07	64	15.5	LA	0003	36	57.5	76	23.7	6		2			*	1.5		04.0	C	24.22	C	23.15	U	25	U	0.50	15.6		
06	07	64	15.5	LA	0003	36	57.5	76	23.7	6		2			*	1.5		05.0	C	24.18	C	23.16	U	25	U	0.60	15.6		
06	07	64	15.5	LA	0003	36	57.5	76	23.7	6		2			*	1.5		06.0	C	24.18	C	23.17		*		*	15.6		
06	07	64	16.0	LA	0003	36	57.5	76	23.7	6		2	29	8	06	1.8		00.0	C	24.28	C	22.77	U	27	U	0.60	16.1		
06	07	64	16.0	LA	0003	36	57.5	76	23.7	6		2	29	8	06	1.8		02.0	C	24.24	C	22.84	U	26	U	0.62	16.1		
06	07	64	16.0	LA	0003	36	57.5	76	23.7	.6		2	29	8	06	1.8		04.0	C	24.22	C	22.96	U	27	U	0.62	16.1		
06	07	64	16.0	LA	0003	36	57.5	76	23.7	6		2	29	8	06	1.8		05.0	C	24.18	C	23.02	U	27	U	0.35	16.1		
06	07	64	16.0	LA	0003	36	57.5	76	23.7	6		2	29	8	06	1.8		06.0	C	24.18	C	23.01		*		*	16.1		
06	07	64	16.5	LA	0003	36	57.5	76	23.7	6		2			*	1.6		00.0	C	24.16	C	22.64	U	24	U	0.61	16.6		
06	07	64	16.5	LA	0003	36	57.5	76	23.7	6		2			*	1.6		02.0	C	24.08	C	22.70	U	25	U	0.61	16.6		
06	07	64	16.5	LA	0003	36	57.5	76	23.7	6		2			*	1.6		04.0	C	23.90	C	22.79	U	26	U	0.50	16.6		
06	07	64	16.5	LA	0003	36	57.6	76	24.0	6		2			*	1.6		05.0	C	23.94	C	22.78	U	26	U	0.50	16.6		
06	07	64	16.5	LA	0003	36	57.5	76	23.7	6		2			*	1.6		06.0	C	23.92	C	22.79		*		*	16.6		
06	07	64	17.0	LA	0003	36	57.5	76	23.7	6		3	29	7	06	1.4		00.0	C	23.72	C	22.80	U	25	U	0.58	17.1		
06	07	64	17.0	LA	0003	36	57.5	76	23.7	6		3	29	7	06	1.4		02.0	C	23.72	C	22.81	U	26	U	0.50	17.1		
06	07	64	17.0	LA	0003	36	57.5	76	23.7	6		3	29	7	06	1.4		04.0	C	23.70	C	22.82	U	26	U	0.50	17.1		
06	07	64	17.0	LA	0003	36	57.5	76	23.7	6		3	29	7	06	1.4		05.0	C	23.70	C	22.82	U	27	U	0.50	17.1		
06	07	64	17.0	LA	0003	36	57.5	76	23.7	6		3	29	7	06	1.4		06.0	C	23.70	C	22.82		*		*	17.1		
06	07	64	17.5	LA	0003	36	57.5	76	23.7	6		3			*	1.2		00.0	C	23.78	C	22.69	U	25	U	0.50	17.6		
06	07	64	17.5	LA	0003	36	57.5	76	23.7	6		3			*	1.2		02.0	C	23.74	C	22.77	U	27	U	0.50	17.6		
06	07	64	17.5	LA	0003	36	57.5	76	23.7	6		3			*	1.2		04.0	C	23.54	C	22.91	U	27	U	0.36	17.6		
06	07	64	17.5	LA	0003	36	57.5	76	23.7	6		3			*	1.2		05.0	C	23.50	C	22.96	U	27	U	0.36	17.6		
06	07	64	17.5	LA	0003	36	57.5	76	23.7	6		3			*	1.2		06.0	C	23.50	C	22.99		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
06	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		3	29	11	08	1.2		00.0	C	23.66	C	22.77	U	28	U	0.40	18.3		
06	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		3	29	11	08	1.2		02.0	C	23.56	C	22.87	U	27	U	0.41	18.3		
06	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		3	29	11	08	1.2		04.0	C	23.48	C	22.01	U	27	U	0.35	18.3		
06	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		3	29	11	08	1.2		05.0	C	23.48	C	23.01	U	27	U	0.31	18.3		
06	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		3	29	11	08	1.2		06.0	C	23.48	C	23.01		*		*	*		
06	07	64	18.5	LA	0003	36	57.5	76	23.7	7		3			*			00.0	C	23.52	C	22.92	U	26	U	0.31	18.6		
06	07	64	18.5	LA	0003	36	57.5	76	23.7	7		3			*			02.0	C	23.48	C	23.07	U	26	U	0.27	18.6		
06	07	64	18.5	LA	0003	36	57.5	76	23.7	7		3			*			03.0	C	23.48	C	23.09	U	26	U	0.32	18.7		
06	07	64	18.5	LA	0003	36	57.5	76	23.7	7		3			*			04.0	C	23.50	C	23.10	U	25	U	0.32	18.7		
06	07	64	18.5	LA	0003	36	57.5	76	23.7	7		3			*			05.0	C	23.50	C	23.12	U	25	U	0.30	18.7		
06	07	64	18.5	LA	0003	36	57.5	76	23.7	7		3			*			06.0	C	23.50	C	23.12		*		*	*		
06	07	64	19.1	LA	0003	36	57.5	76	23.7	*7		7	26	11	07			00.0	C	23.90	C	22.44	U	23	U	0.21	19.2		
06	07	64	19.1	LA	0003	36	57.5	76	23.7	*7		7	26	11	07			02.0	C	23.86	C	22.67	U	24	U	0.25	19.3		
06	07	64	19.1	LA	0003	36	57.5	76	23.7	*7		7	26	11	07			03.0	C	23.78	C	23.17	U	26	U	0.18	19.3		
06	07	64	19.1	LA	0003	36	57.5	76	23.7	*7		7	26	11	07			04.0	C	23.80	C	23.27	U	26	U	0.15	19.4		
06	07	64	19.1	LA	0003	36	57.5	76	23.7	*7		7	26	11	07			05.0	C	23.80	C	23.31	U	24	U	0.14	19.4		
06	07	64	19.1	LA	0003	36	57.5	76	23.7	*7		7	26	11	07			06.0	C	23.80	C	23.31	U	24	U	0.06	19.4		
06	07	64	19.1	LA	0003	36	57.5	76	23.7	*7		7	26	11	07			07.0	C	23.80	C	23.31		*		*	*		
06	07	64	19.6	LA	0003	36	57.5	76	23.7	7		4			*			00.0	C	23.84	C	22.47		*	U	0.05	19.8		
06	07	64	19.6	LA	0003	36	57.5	76	23.7	7		4			*			02.0	C	23.70	C	22.89	U	28	U	0.01	19.9		
06	07	64	19.6	LA	0003	36	57.5	76	23.7	7		4			*			04.0	C	23.78	C	23.23	U	27	U	0.01	19.9		
06	07	64	19.6	LA	0003	36	57.5	76	23.7	7		4			*			05.0	C	23.78	C	23.25	U	00	U	0.00	19.9		
06	07	64	19.6	LA	0003	36	57.5	76	23.7	7		4			*			06.0	C	23.78	C	23.25	U	00	U	0.00	19.9		
06	07	64	19.6	LA	0003	36	57.5	76	23.7	7		4			*			07.0	C	23.78	C	23.25		*		*	*		
06	07	64	20.2	LA	0003	36	57.5	76	23.7	*7		4	24	13	07			00.0	C	23.78	C	22.50	U	13	U	0.05	20.3		
06	07	64	20.2	LA	0003	36	57.5	76	23.7	*7		4	24	13	07			02.0	C	23.76	C	22.65	U	09	U	0.07	20.3		
06	07	64	20.2	LA	0003	36	57.5	76	23.7	*7		4	24	13	07			03.0	C	23.80	C	23.11	U	05	U	0.07	20.3		
06	07	64	20.2	LA	0003	36	57.5	76	23.7	*7		4	24	13	07			04.0	C	23.80	C	22.49	U	07	U	0.07	20.4		
06	07	64	20.2	LA	0003	36	57.5	76	23.7	*7		4	24	13	07			05.0	C	23.78	C	23.25	U	09	U	0.05	20.4		
06	07	64	20.2	LA	0003	36	57.5	76	23.7	*7		4	24	13	07			06.0	C	23.78	C	23.25	U	09	U	0.10	20.4		
06	07	64	20.5	LA	0003	36	57.5	76	23.7	7		5			*			00.0	C	23.71	C	22.82	U	07	U	0.16	20.6		
06	07	64	20.5	LA	0003	36	57.5	76	23.7	7		5			*			02.0	C	23.72	C	23.26	U	08	U	0.18	20.6		
06	07	64	20.5	LA	0003	36	57.5	76	23.7	7		5			*			03.0	C	23.84	C	23.24	U	08	U	0.25	20.6		
06	07	64	20.5	LA	0003	36	57.5	76	23.7	7		5			*			04.0	C	23.84	C	23.26	U	09	U	0.26	20.7		
06	07	64	20.5	LA	0003	36	57.5	76	23.7	7		5			*			05.0	C	23.82	C	23.27	U	08	U	0.24	20.7		
06	07	64	20.5	LA	0003	36	57.5	76	23.7	7		5			*			06.0	C	23.83	C	23.25	U	09	U	0.20	20.7		
06	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		5	23	16	07			00.0	C	23.70	C	22.76	U	09	U	0.46	21.2		
06	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		5	23	16	07			02.0	C	23.80	C	22.99	U	08	U	0.41	21.3		
06	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		5	23	16	07			03.0	C	23.80	C	23.03	U	07	U	0.40	21.3		
06	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		5	23	16	07			04.0	C	23.80	C	23.06	U	07	U	0.37	21.4		
06	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		5	23	16	07			05.0	C	23.80	C	23.16	U	08	U	0.30	21.4		
06	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		5	23	16	07			06.0	C	23.80	C	23.21	U	08	U	0.30	21.4		
06	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		5	23	16	07			07.0	C	23.80	C	23.20		*		*	*		
06	07	64	21.7	LA	0003	36	57.5	76	23.7	7		6			*			00.0	C	23.82	C	23.02	U	08	U	0.60	21.7		
06	07	64	21.7	LA	0003	36	57.5	76	23.7	7		6			*			02.0	C	23.80	C	23.04	U	07	U	0.55	21.7		
06	07	64	21.7	LA	0003	36	57.5	76	23.7	7		6			*			03.0	C	23.80	C	23.06	U	07	U	0.55	21.8		
06	07	64	21.7	LA	0003	36	57.5	76	23.7	7		6			*			04.0	C	23.80	C	23.06	U	08	U	0.50	21.8		
06	07	64	21.7	LA	0003	36	57.5	76	23.7	7		6			*			05.0	C	23.80	C	23.07	U	07	U	0.50	21.8		
06	07	64	21.7	LA	0003	36	57.5	76	23.7	7		6			*			06.0	C	23.80	C	23.07	U	07	U	0.49	21.8		
06	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		6	23	17	05			00.0	C	23.74	C	23.04	D	04	D	1.01	22.2		
06	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		6	23	17	05			02.0	C	23.66	C	23.10	U	04	U	0.75	22.2		
06	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		6	23	17	05			04.0	C	23.62	C	23.12	U	06	U	0.61	22.2		
06	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		6	23	17	05			05.0	C	23.58	C	23.19	U	06	U	0.61	22.2		
06	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		6	23	17	05			06.0	C	23.60	C	23.20		*		*	*		
06	07	64	22.5	LA	0003	36	57.5	76	23.7	6		6			*			00.0	C	23.58	C	22.92	D	06	D	1.01	*		
06	07	64	22.5	LA	0003	36	57.5	76	23.7	6		6			*			02.0	C	23.60	C	22.98	U	06	U	0.75	22.6		
06	07	64	22.5	LA	0003	36	57.5	76	23.7	6		6			*			04.0	C	23.62	C	23.02	U	04	U	0.62	22.6		
06	07	64	22.5	LA	0003	36	57.5	76	23.7	6		6			*			05.0	C	23.62	C	23.02	U	06	U	0.61	22.6		
06	07	64	22.5	LA	0003	36	57.5	76	23.7	6		6			*			06.0	C	23.62	C	23.02		*		*	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
06	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		6	23	15	05			00.0	C	23.66	C	22.49	D	06	D	1.01	23.2	
06	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		6	23	15	05			02.0	C	23.68	C	22.35	U	06	U	0.75	23.1	
06	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		6	23	15	05			04.0	C	23.68	C	22.82	U	06	U	0.61	23.1	
06	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		6	23	15	05			05.0	C	23.68	C	22.85	U	09	U	0.50	23.1	
06	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		6	23	15	05			06.0	C	23.68	C	22.85		*		*	*	
06	07	64	23.5	LA	0003	36	57.5	76	23.7	6		6			*			00.0	C	23.70	C	22.66	D	06	D	1.26	23.6	
06	07	64	23.5	LA	0003	36	57.5	76	23.7	6		6			*			02.0	C	23.66	C	22.41	U	06	U	0.75	23.6	
06	07	64	23.5	LA	0003	36	57.5	76	23.7	6		6			*			04.0	C	23.66	C	22.47	U	07	U	0.61	23.6	
06	07	64	23.5	LA	0003	36	57.5	76	23.7	6		6			*			05.0	C	23.64	C	22.52	U	09	U	0.35	23.6	
06	07	64	23.5	LA	0003	36	57.5	76	23.7	6		6			*			06.0	C	23.64	C	22.52		*		*	*	
07	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		6	23	15	04			00.0	C	23.58	C	22.46	D	06	D	1.01	00.2	
07	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		6	23	15	04			02.0	C	23.58	C	22.50	U	06	U	0.75	00.1	
07	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		6	23	15	04			04.0	C	23.58	C	22.50	U	09	U	0.60	00.1	
07	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		6	23	15	04			05.0	C	23.58	C	22.52	U	09	U	0.58	00.1	
07	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		6	23	15	04			06.0	C	23.58	C	22.53		*		*	*	
07	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			00.0	C	23.56	C	22.73	D	06	D	0.88	00.7	
07	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			02.0	C	23.56	C	22.74	U	08	U	0.50	00.6	
07	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			04.0	C	23.58	C	22.73	U	07	U	0.41	00.6	
07	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			05.0	C	23.58	C	22.75	U	09	U	0.50	00.6	
07	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			06.0	C	23.58	C	22.73		*		*	*	
07	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		6	23	16	03			00.0	C	23.64	C	22.72	D	06	D	0.88	01.2	
07	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		6	23	16	03			02.0	C	23.64	C	22.72	U	09	U	0.50	01.1	
07	07	64	01.0	LA	0003	36	57.5	76	23.M	*6		6	23	16	03			04.0	C	23.64	C	22.72	U	08	U	0.48	01.1	
07	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		6	23	16	03			05.0	C	23.64	C	22.72	U	07	U	0.48	01.1	
07	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		6	23	16	03			06.0	C	23.64	C	22.72		*		*	*	
07	07	64	01.5	LA	0003	36	57.5	76	23.7	6		7			*			00.0	C	23.68	C	22.67	D	06	D	0.44	01.7	
07	07	64	01.5	LA	0003	36	57.5	76	23.7	6		7			*			02.0	C	23.70	C	22.65	U	09	U	0.26	01.6	
07	07	64	01.5	LA	0003	36	57.5	76	23.7	6		7			*			04.0	C	23.70	C	22.66	U	09	U	0.23	01.6	
07	07	64	01.5	LA	0003	36	57.5	76	23.7	6		7			*			05.0	C	23.70	C	22.66	U	08	U	0.23	01.6	
07	07	64	01.5	LA	0003	36	57.5	76	23.7	6		7			*			06.0	C	23.70	C	22.66		*		*	*	
07	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		7	23	14	07			00.0	C	23.72	C	23.30	L	06	D	0.25	02.3	
07	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		7	23	14	07			02.0	C	23.74	C	23.28	U	10	U	0.11	02.1	
07	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		7	23	14	07			04.0	C	23.76	C	22.59	U	10	U	0.08	02.1	
07	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		7	23	14	07			05.0	C	23.76	C	22.59	U	10	U	0.09	02.1	
07	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		7	23	14	07			06.0	C	23.76	C	22.59		*		*	*	
07	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			00.0	C	23.70	C	22.51	L	00	D	0.00	02.8	
07	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			02.0	C	23.74	C	22.50	U	36	U	0.10	02.5	
07	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			04.0	C	23.74	C	22.55	U	15	U	0.08	02.5	
07	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			05.0	C	23.74	C	22.56	U	19	U	0.00	02.6	
07	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			06.0	C	23.75	C	22.56		*		*	*	
07	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		8	23	18	06			00.0	C	23.71	C	22.58	L	26	D	0.27	03.1	
07	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		8	23	18	06			02.0	C	23.71	C	22.58	U	26	U	0.22	03.0	
07	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		8	23	18	06			04.0	C	23.72	C	22.59	U	26	U	0.24	03.0	
07	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		8	23	18	06			05.0	C	23.72	C	22.60	U	26	U	0.21	03.0	
07	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		8	23	18	06			06.0	C	23.72	C	22.60		*		*	*	
07	07	64	03.5	LA	0003	36	57.5	76	23.7	6		1			*			00.0	C	23.62	C	22.66	L	27	D	0.66	03.5	
07	07	64	03.5	LA	0003	36	57.5	76	23.7	6		1			*			02.0	C	23.64	C	22.65	U	27	U	0.40	03.5	
07	07	64	03.5	LA	0003	36	57.5	76	23.7	6		1			*			04.0	C	23.64	C	22.66	U	27	U	0.30	03.6	
07	07	64	03.5	LA	0003	36	57.5	76	23.7	6		1			*			05.0	C	23.64	C	22.67	U	26	U	0.35	03.6	
07	07	64	03.5	LA	0003	36	57.5	76	23.7	6		1			*			06.0	C	23.64	C	22.66		*		*	*	
07	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		1	22	17	06			00.0	C	23.30	C	22.81	L	27	D	0.71	04.1	
07	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		1	22	17	06			02.0	C	23.29	C	22.82	U	26	U	0.55	04.0	
07	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		1	22	17	06			04.0	C	23.29	C	22.82	U	26	U	0.45	04.0	
07	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		1	22	17	06			05.0	C	23.29	C	22.75	U	26	U	0.47	04.0	
07	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		1	22	17	06			06.0	C	23.30	C	22.72		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
													DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS																
07	07	64	04.5	LA	0003	36	57.5	76	23.7	6	1			*		00.0	C	23.38	C	23.33	L	26	D	0.73	04.6
07	07	64	04.5	LA	0003	36	57.5	76	23.7	6	1			*		02.0	C	23.39	C	23.34	U	26	U	0.40	04.5
07	07	64	04.5	LA	0003	36	57.5	76	23.7	6	1			*		04.0	C	23.39	C	23.35	U	25	U	0.40	04.5
07	07	64	04.5	LA	0003	36	57.5	76	23.7	6	1			*		05.0	C	23.39	C	23.37	U	26	U	0.40	04.6
07	07	64	04.5	LA	0003	36	57.5	76	23.7	6	1			*		06.0	C	23.39	C	23.37		*		*	*
07	07	64	05.0	LA	0003	36	57.5	76	23.7	*6	2	22	17	04		00.0	C	23.38	C	22.73	L	27	D	0.74	05.1
07	07	64	05.0	LA	0003	36	57.5	76	23.7	*6	2	22	17	04		02.0	C	23.38	C	22.74	U	26	U	0.55	05.0
07	07	64	05.0	LA	0003	36	57.5	76	23.7	*6	2	22	17	04		04.0	C	23.38	C	22.75	U	26	U	0.65	05.0
07	07	64	05.0	LA	0003	36	57.5	76	23.7	*6	2	22	17	04		05.0	C	23.39	C	22.74	U	26	U	0.65	05.0
07	07	64	05.0	LA	0003	36	57.5	76	23.7	*6	2	22	17	04		06.0	C	23.38	C	22.75		*		*	*
07	07	64	05.5	LA	0003	36	57.5	76	23.7	6	3			*		00.0	C	23.37	C	22.87	L	27	D	0.68	05.6
07	07	64	05.5	LA	0003	36	57.5	76	23.7	6	3			*		02.0	C	23.38	C	22.88	U	25	U	0.45	05.5
07	07	64	05.5	LA	0003	36	57.5	76	23.7	6	3			*		04.0	C	23.36	C	22.76	U	24	U	0.40	05.5
07	07	64	05.5	LA	0003	36	57.5	76	23.7	6	3			*		05.0	C	23.36	C	22.76	U	25	U	0.47	05.5
07	07	64	05.5	LA	0003	36	57.5	76	23.7	6	3			*		06.0	C	23.36	C	22.76		*		*	*
07	07	64	06.0	LA	0003	36	57.5	76	23.7	*7	3	22	18	03		00.0	C	23.37	C	22.91	L	28	D	0.29	*
07	07	64	06.0	LA	0003	36	57.5	76	23.7	*7	3	22	18	03		02.0	C	23.38	C	22.96	U	26	U	0.48	06.1
07	07	64	06.0	LA	0003	36	57.5	76	23.7	*7	3	22	18	03		04.0	C	23.38	C	22.98	U	27	U	0.45	06.1
07	07	64	06.0	LA	0003	36	57.5	76	23.7	*7	3	22	18	03		05.0	C	23.38	C	22.98	U	26	U	0.43	06.2
07	07	64	06.0	LA	0003	36	57.5	76	23.7	*7	3	22	18	03		06.0	C	23.38	C	22.98	U	26	U	0.40	06.2
07	07	64	06.5	LA	0003	36	57.5	76	23.7	7	3			*		00.0	C	23.36	C	22.90	L	30	D	0.31	06.7
07	07	64	06.5	LA	0003	36	57.5	76	23.7	7	3			*		02.0	C	23.36	C	22.97	U	27	U	0.37	06.6
07	07	64	06.5	LA	0003	36	57.5	76	23.7	7	3			*		03.0	C	23.36	C	22.97	U	25	U	0.35	06.6
07	07	64	06.5	LA	0003	36	57.5	76	23.7	7	3			*		04.0	C	23.36	C	22.98	U	26	U	0.32	06.6
07	07	64	06.5	LA	0003	36	57.5	76	23.7	7	3			*		06.0	C	23.36	C	23.00	U	25	U	0.21	06.6
07	07	64	07.1	LA	0003	36	57.5	76	23.7	*7	3	22	18	02		00.0	C	23.40	C	22.84	L	27	D	0.21	07.3
07	07	64	07.1	LA	0003	36	57.5	76	23.7	*7	3	22	18	02		02.0	C	23.40	C	22.85	U	27	U	0.20	07.2
07	07	64	07.1	LA	0003	36	57.5	76	23.7	*7	3	22	18	02		03.0	C	23.40	C	22.84	U	26	U	0.16	07.2
07	07	64	07.1	LA	0003	36	57.5	76	23.7	*7	3	22	18	02		04.0	C	23.40	C	22.85	U	26	U	0.16	07.2
07	07	64	07.1	LA	0003	36	57.5	76	23.7	*7	3	22	18	02		06.0	C	23.38	C	22.88	U	27	U	0.12	07.3
07	07	64	07.6	LA	0003	36	57.5	76	23.7	7	4			*	1.5	00.0	C	23.44	C	22.86	U	29	U	0.04	07.6
07	07	64	07.6	LA	0003	36	57.5	76	23.7	7	4			*	1.5	02.0	C	23.42	C	22.89	U	31	U	0.01	07.7
07	07	64	07.6	LA	0003	36	57.5	76	23.7	7	4			*	1.5	03.0	C	23.42	C	22.89	U	31	U	0.05	07.7
07	07	64	07.6	LA	0003	36	57.5	76	23.7	7	4			*	1.5	04.0	C	23.42	C	22.89	U	28	U	0.05	07.7
07	07	64	07.6	LA	0003	36	57.5	76	23.7	7	4			*	1.5	06.0	C	23.42	C	22.89	U	32	U	0.01	07.7
07	07	64	08.1	LA	0003	36	57.5	76	23.7	*7	5	25	16	01	1.6	00.0	C	23.43	C	22.93	U	07	U	0.08	08.2
07	07	64	08.1	LA	0003	36	57.5	76	23.7	*7	5	25	16	01	1.6	02.0	C	23.43	C	22.94	U	04	U	0.06	08.2
07	07	64	08.1	LA	0003	36	57.5	76	23.7	*7	5	25	16	01	1.6	03.0	C	23.42	C	22.97	U	04	U	0.09	08.3
07	07	64	08.1	LA	0003	36	57.5	76	23.7	*7	5	25	16	01	1.6	04.0	C	23.40	C	22.97	U	06	U	0.10	08.3
07	07	64	08.1	LA	0003	36	57.5	76	23.7	*7	5	25	16	01	1.6	06.0	C	23.39	C	22.98	U	04	U	0.11	08.3
07	07	64	08.6	LA	0003	36	57.5	76	23.7	7	5			*		00.0	C	23.54	C	22.95	U	05	U	0.17	08.7
07	07	64	08.6	LA	0003	36	57.5	76	23.7	7	5			*		02.0	C	23.44	C	22.95	U	05	U	0.17	08.7
07	07	64	08.6	LA	0003	36	57.5	76	23.7	7	5			*		03.0	C	23.42	C	22.96	U	06	U	0.18	08.7
07	07	64	08.6	LA	0003	36	57.5	76	23.7	7	5			*		04.0	C	23.40	C	22.97	U	07	U	0.20	08.7
07	07	64	08.6	LA	0003	36	57.5	76	23.7	7	5			*		06.0	C	23.40	C	22.97	U	08	U	0.20	08.7
07	07	64	09.1	LA	0003	36	57.5	76	23.7	*7	5	27	18	01	1.7	00.0	C	23.58	C	22.92	U	08	U	0.29	09.2
07	07	64	09.1	LA	0003	36	57.5	76	23.7	*7	5	27	18	01	1.7	02.0	C	23.60	C	22.89	U	08	U	0.31	09.2
07	07	64	09.1	LA	0003	36	57.5	76	23.7	*7	5	27	18	01	1.7	03.0	C	23.52	C	22.92	U	07	U	0.32	09.2
07	07	64	09.1	LA	0003	36	57.5	76	23.7	*7	5	27	18	01	1.7	04.0	C	23.36	C	23.01	U	07	U	0.32	09.2
07	07	64	09.1	LA	0003	36	57.5	76	23.7	*7	5	27	18	01	1.7	06.0	C	23.32	C	23.08	U	08	U	0.22	09.2
07	07	64	09.7	LA	0003	36	57.5	76	23.7	7	5			*		00.0	C	23.62	C	22.74	U	09	U	0.51	09.7
07	07	64	09.7	LA	0003	36	57.5	76	23.7	7	5			*		02.0	C	23.60	C	22.78	U	09	U	0.52	09.7
07	07	64	09.7	LA	0003	36	57.5	76	23.7	7	5			*		03.0	C	23.52	C	22.85	U	09	U	0.40	09.7
07	07	64	09.7	LA	0003	36	57.5	76	23.7	7	5			*		04.0	C	23.49	C	22.92	U	09	U	0.39	09.7
07	07	64	09.7	LA	0003	36	57.5	76	23.7	7	5			*		06.0	C	23.42	C	23.00	U	09	U	0.45	09.7

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
07	07	64	10.0	LA	0003	36	57.5	76	23.7	6		6	31		00	1.7		00.0	C	23.78	C	22.11	U	09	U	0.27	10.2	
07	07	64	10.0	LA	0003	36	57.5	76	23.7	6		6	31		00	1.7		02.0	C	23.52	C	22.63	U	08	U	0.60	10.2	
07	07	64	10.0	LA	0003	36	57.5	76	23.7	6		6	31		00	1.7		03.0	C	23.52	C	22.62	U	09	U	0.50	10.2	
07	07	64	10.0	LA	OQ03	36	57.5	76	23.7	6		6	31		00	1.7		04.0	C	23.50	C	22.64	U	07	U	0.34	10.2	
07	07	64	10.0	LA	0003	36	57.5	76	23.7	6		6	31		00	1.7		06.0	C	23.50	C	22.68		*		*	*	
07	07	64	10.5	LA	0003	36	57.5	76	23.7	6		6			*	1.3		00.0	C	23.98	C	22.17	U	09	U	0.76	10.6	
07	07	64	10.5	LA	0003	36	57.5	76	23.7	6		6			*	1.3		02.0	C	23.80	C	22.27	U	08	U	0.72	10.6	
07	07	64	10.5	LA	0003	36	57.5	76	23.7	6		6			*	1.3		03.0	C	23.70	C	22.34	U	07	U	0.60	10.6	
07	07	64	10.5	LA	0003	36	57.5	76	23.7	6		6			*	1.3		04.0	C	23.68	C	22.37	U	08	U	0.50	10.6	
07	07	64	10.5	LA	0003	36	57.5	76	23.7	6		6			*	1.3		06.0	C	23.64	C	22.41		*		*	*	
07	07	64	11.0	LA	0003	36	57.5	76	23.7	6		6	34		00	1.6		00.0	C	24.46	C	21.59		*		*	*	
07	07	64	11.0	LA	0003	36	57.5	76	23.7	6		6	34		00	1.6		02.0	C	23.78	C	22.02		*		*	*	
07	07	64	11.0	LA	0003	36	57.5	76	23.7	6		6	34		00	1.6		03.0	C	23.80	C	22.02		*		*	*	
07	07	64	11.0	LA	0003	36	57.5	76	23.7	6		6	34		00	1.6		04.0	C	23.70	C	22.17		*		*	*	
07	07	64	11.0	LA	0003	36	57.5	76	23.7	6		6	34		00	1.6		06.0	C	23.70	C	22.19		*		*	*	
07	07	64	11.5	LA	0003	36	57.5	76	23.7	6		6			*			00.0	C	23.90	C	21.14	U	06	U	0.76	*	
07	07	64	11.5	LA	0003	36	57.5	76	23.7	6		6			*	1.2		02.0	C	23.70	C	22.27		*		*	*	
07	07	64	11.5	LA	0003	36	57.5	76	23.7	6		6			*	1.2		03.0	C	23.66	C	22.28		*		*	*	
07	07	64	11.5	LA	0003	36	57.5	76	23.7	6		6			*	1.2		04.0	C	23.68	C	22.28		*		*	*	
07	07	64	11.5	LA	0003	36	57.5	76	23.7	6		6			*	1.2		06.0	C	23.64	C	22.33		*		*	*	
07	07	64	12.0	LA	0003	36	57.5	76	23.7	*6		6	29	21	00	1.0		00.0	C	23.91	C	22.17	U	06	U	0.60	12.0	
07	07	64	12.0	LA	0003	36	57.5	76	23.7	*6		6	29	21	00	1.0		02.0	C	23.70	C	22.24	U	01	U	0.58	12.0	
07	07	64	12.0	LA	0003	36	57.5	76	23.7	*6		6	29	21	00	1.0		03.0	C	23.68	C	22.33	U	03	U	0.37	12.1	
07	07	64	12.0	LA	0003	36	57.5	76	23.7	*6		6	29	21	00	1.0		04.0	C	23.68	C	22.33	U	03	U	0.35	12.1	
07	07	64	12.0	LA	0003	36	57.5	76	23.7	*6		6	29	21	00	1.0		06.0	C	23.66	C	22.36		*		*	*	
07	07	64	12.5	LA	0003	36	57.5	76	23.7	6		7			*	1.0		00.0	C	24.04	C	22.09	U	06	U	0.61	12.6	
07	07	64	12.5	LA	0003	36	57.5	76	23.7	6		7			*	1.0		02.0	C	23.70	C	22.31	U	06	U	0.35	12.6	
07	07	64	12.5	LA	0003	36	57.5	76	23.7	6		7			*	1.0		03.0	C	23.66	C	22.65	U	06	U	0.32	12.6	
07	07	64	12.5	LA	0003	36	57.5	76	23.7	6		7			*	1.0		04.0	C	23.62	C	22.37	U	06	U	0.25	12.6	
07	07	64	12.5	LA	0003	36	57.5	76	23.7	6		7			*	1.0		05.0	C	23.62	C	22.38		*		*	*	
07	07	64	13.0	LA	0003	36	57.5	76	23.7	*6		7	29	15	01	1.2		00.0	C	24.02	C	22.05	U	06	U	0.34	13.1	
07	07	64	13.0	LA	0003	36	57.5	76	23.7	*6		7	29	15	01	1.2		02.0	C	23.70	C	22.25	U	06	U	0.23	13.1	
07	07	64	13.0	LA	0003	36	57.5	76	23.7	*6		7	29	15	01	1.2		03.0	C	23.68	C	22.27	U	05	U	0.22	13.1	
07	07	64	13.0	LA	0003	36	57.5	76	23.7	*6		7	29	15	01	1.2		04.0	C	23.68	C	22.26	U	04	U	0.20	13.1	
07	07	64	13.0	LA	0003	36	57.5	76	23.7	*6		7	29	15	01	1.2		06.0	C	23.64	C	22.30		*		*	*	
07	07	64	13.5	LA	0003	36	57.5	76	23.7	6		7			*	1.2		00.0	C	24.32	C	21.90	U	07	U	0.14	13.6	
07	07	64	13.5	LA	0003	36	57.5	76	23.7	6		7			*	1.2		02.0	C	23.70	C	22.21	U	03	U	0.01	13.6	
07	07	64	13.5	LA	0003	36	57.5	76	23.7	6		7			*	1.2		03.0	C	23.64	C	22.27	U	06	U	0.01	13.6	
07	07	64	13.5	LA	0003	36	57.5	76	23.7	6		7			*	1.2		04.0	C	23.64	C	22.27	U	06	U	0.01	13.6	
07	07	64	13.5	LA	0003	36	57.5	76	23.7	6		7			*	1.2		06.0	C	23.64	C	22.28		*		*	*	
07	07	64	14.0	LA	0003	36	57.5	76	23.7	*6		8	31	18	01	1.2		00.0	C	24.93	C	22.18	U	03	U	0.05	14.0	
07	07	64	14.0	LA	0003	36	57.5	76	23.7	*6		8	31	18	01	1.2		02.0	C	23.78	C	22.23	U	27	U	0.04	14.0	
07	07	64	14.0	LA	0003	36	57.5	76	23.7	*6		8	31	18	01	1.2		03.0	C	23.63	C	22.31	U	20	U	0.12	14.0	
07	07	64	14.0	LA	0003	36	57.5	76	23.7	*6		8	31	18	01	1.2		04.0	C	23.60	C	22.34	U	21	U	0.09	14.0	
07	07	64	14.0	LA	0003	36	57.5	76	23.7	*6		8	31	18	01	1.2		06.0	C	23.57	C	22.37		*		*	*	
07	07	64	14.5	LA	0003	36	57.5	76	23.7	6		1			*			00.0	C	23.90	C	22.12	U	22	U	0.15	14.5	
07	07	64	14.5	LA	0003	36	57.5	76	23.7	6		1			*			02.0	C	23.65	C	22.34	U	22	U	0.25	14.5	
07	07	64	14.5	LA	0003	36	57.5	76	23.7	6		1			*			03.0	C	23.62	C	22.38	U	22	U	0.26	14.5	
07	07	64	14.5	LA	0003	36	57.5	76	23.7	6		1			*			04.0	C	23.59	C	22.42	U	20	U	0.26	14.5	
07	07	64	14.5	LA	0003	36	57.5	76	23.7	6		1			*			06.0	C	23.59	C	22.43		*		*	*	
07	07	64	15.0	LA	0003	36	57.5	76	23.7	*6		1	36	19	02	1.2		00.0	C	24.42	C	22.06	U	22	U	0.41	15.0	
07	07	64	15.0	LA	0003	36	57.5	76	23.7	*6		1	36	19	02	1.2		02.0	C	23.99	C	22.25	U	22	U	0.49	15.0	
07	07	64	15.0	LA	0003	36	57.5	76	23.7	*6		1	36	19	02	1.2		03.0	C	23.95	C	22.36	U	22	U	0.42	15.0	
07	07	64	15.0	LA	0003	36	57.5	76	23.7	*6		1	36	19	02	1.2		04.0	C	23.92	C	22.43	U	22	U	0.41	15.0	
07	07	64	15.0	LA	0003	36	57.5	76	23.7	*6		1	36	19	02	1.2		06.0	C	23.91	C	22.45		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
07	07	64	15.5	LA	0003	36	57.5	76	23.7	6		2			*			00.0	C	24.56	C	22.25	U	22	U	0.60	15.5	
07	07	64	15.5	LA	0003	36	57.5	76	23.7	6		2			*			02.0	C	24.38	C	22.27	U	21	U	0.50	15.5	
07	07	64	15.5	LA	0003	36	57.5	76	23.7	6		2			*			03.0	C	24.29	C	22.33	U	21	U	0.50	15.5	
07	07	64	15.5	LA	0003	36	57.5	76	23.7	6		2			*			04.0	C	24.21	C	22.32	U	21	U	0.50	15.5	
07	07	64	15.5	LA	0003	36	57.5	76	23.7	6		2			*			06.0	C	24.18	C	22.35		*		*	*	
07	07	64	16.0	LA	0003	36	57.5	76	23.7	*6		2	32	34	09	1.1		00.0	C	24.22	C	22.44	U	21	U	0.60	16.0	
07	07	64	16.0	LA	0003	36	57.5	76	23.7	*6		2	32	34	09	1.1		02.0	C	24.22	C	22.45	U	20	U	0.70	16.0	
07	07	64	16.0	LA	0003	36	57.5	76	23.7	*6		2	32	34	09	1.1		03.0	C	24.22	C	22.46	U	22	U	0.60	16.0	
07	07	64	16.0	LA	0003	36	57.5	76	23.7	*6		2	32	34	09	1.1		04.0	C	24.21	C	22.46	U	22	U	0.55	16.0	
07	07	64	16.0	LA	0003	36	57.5	76	23.7	*6		2	32	34	09	1.1		06.0	C	24.22	C	22.45		*		*	*	
07	07	64	16.5	LA	0003	36	57.5	76	23.7	6		2			*			00.0	C	24.10	C	22.65	L	23	D	0.69	16.6	
07	07	64	16.5	LA	0003	36	57.5	76	23.7	6		2			*			02.0	C	24.10	C	22.65		*		*	*	
07	07	64	16.5	LA	0003	36	57.5	76	23.7	6		2			*			03.0	C	24.11	C	22.65		*		*	*	
07	07	64	16.5	LA	0003	36	57.5	76	23.7	6		2			*			04.0	C	24.11	C	22.66		*		*	*	
07	07	64	16.5	LA	0003	36	57.5	76	23.7	6		2			*			06.0	C	24.11	C	22.65		*		*	*	
07	07	64	17.0	LA	0003	36	57.5	76	23.7	*6		2	31	14	07	1.0		00.0	C	24.38	C	22.83	L	23	D	0.68	17.2	
07	07	64	17.0	LA	0003	36	57.5	76	23.7	*6		2	31	14	07	1.0		02.0	C	24.39	C	22.84		*		*	*	
07	07	64	17.0	LA	0003	36	57.5	76	23.7	*6		2	31	14	07	1.0		03.0	C	24.39	C	22.88		*		*	*	
07	07	64	17.0	LA	0003	36	57.5	76	23.7	*6		2	31	14	07	1.0		04.0	C	24.38	C	22.85		*		*	*	
07	07	64	17.0	LA	0003	36	57.5	76	23.7	*6		2	31	14	07	1.0		06.0	C	24.38	C	22.76		*		*	*	
07	07	64	17.5	LA	0003	36	57.5	76	23.7	6		3			*			00.0	C	24.19	C	22.87	L	23	D	0.76	17.6	
07	07	64	17.5	LA	0003	36	57.5	76	23.7	6		3			*			02.0	C	24.14	C	22.93		*		*	*	
07	07	64	17.5	LA	0003	36	57.5	76	23.7	6		3			*			03.0	C	24.15	C	22.93		*		*	*	
07	07	64	17.5	LA	0003	36	57.5	76	23.7	6		3			*			04.0	C	24.15	C	22.94		*		*	*	
07	07	64	17.5	LA	0003	36	57.5	76	23.7	6		3			*			06.0	C	24.15	C	22.94		*		*	*	
07	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		3	29	15	03	1.0		00.0	C	23.96	C	22.79	L	07	D	0.52	18.2	
07	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		3	29	15	03	1.0		02.0	C	23.94	C	22.80		*		*	*	
07	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		3	29	15	03	1.0		03.0	C	23.92	C	22.81		*		*	*	
07	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		3	29	15	03	1.0		04.0	C	23.93	C	22.80		*		*	*	
07	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		3	29	15	03	1.0		06.0	C	23.92	C	22.81		*		*	*	
07	07	64	18.5	LA	0003	36	57.5	76	23.7	6		3			*			00.0	C	23.78	C	23.04	L	26	D	0.40	*	
07	07	64	18.5	LA	0003	36	57.5	76	23.7	6		3			*			02.0	C	23.77	C	23.04		*		*	*	
07	07	64	18.5	LA	0003	36	57.5	76	23.7	6		3			*			03.0	C	23.78	C	23.04		*		*	*	
07	07	64	18.5	LA	0003	36	57.5	76	23.7	6		3			*			04.0	C	23.78	C	23.04		*		*	*	
07	07	64	18.5	LA	0003	36	57.5	76	23.7	6		3			*			06.0	C	23.78	C	23.04		*		*	*	
07	07	64	19.0	LA	0003	36	57.5	76	23.7	*6		3	26	17	09			00.0	C	24.02	C	23.06	L	27	D	0.37	19.1	
07	07	64	19.0	LA	0003	36	57.5	76	23.7	*6		3	26	17	09			02.0	C	24.02	C	23.05		*	U	0.36	19.5	
07	07	64	19.0	LA	0003	36	57.5	76	23.7	*6		3	26	17	09			03.0	C	24.04	C	23.06		*	U	0.33	*	
07	07	64	19.0	LA	0003	36	57.5	76	23.7	*6		3	26	17	09			04.0	C	24.02	C	23.06		*	U	0.37	*	
07	07	64	19.0	LA	0003	36	57.5	76	23.7	*6		3	26	17	09			06.0	C	24.00	C	23.06		*		*	*	
07	07	64	19.6	LA	0003	36	57.5	76	23.7	6		3			*			00.0	C	24.09	C	23.04	L	28	D	0.28	19.7	
07	07	64	19.6	LA	0003	36	57.5	76	23.7	6		3			*			02.0	C	24.08	C	23.04		*	U	0.32	19.8	
07	07	64	19.6	LA	0003	36	57.5	76	23.7	6		3			*			03.0	C	24.08	C	23.04		*	U	0.28	19.9	
07	07	64	19.6	LA	0003	36	57.5	76	23.7	6		3			*			04.0	C	24.08	C	23.04		*	U	0.30	19.9	
07	07	64	19.6	LA	0003	36	57.5	76	23.7	6		3			*			06.0	C	24.07	C	23.05		*	U	0.22	19.9	
07	07	64	20.0	LA	0003	36	57.5	76	23.7	*6		3	26	15	12			00.0	C	24.13	C	22.96	L	30	D	0.22	20.4	
07	07	64	20.0	LA	0003	36	57.5	76	23.7	*6		3	26	15	12			02.0	C	24.14	C	22.96		*	U	0.21	20.3	
07	07	64	20.0	LA	0003	36	57.5	76	23.7	*6		3	26	15	12			03.0	C	24.12	C	22.98		*	U	0.23	20.3	
07	07	64	20.0	LA	0003	36	57.5	76	23.7	*6		3	26	15	12			04.0	C	24.12	C	22.99		*	U	0.15	20.3	
07	07	64	20.0	LA	0003	36	57.5	76	23.7	*6		3	26	15	12			06.0	C	24.09	C	23.01		*	U	0.12	20.4	
07	07	64	20.6	LA	0003	36	57.5	76	23.7	6		4			*			00.0	C	24.18	C	22.89	L	31	D	0.12	20.7	
07	07	64	20.6	LA	0003	36	57.5	76	23.7	6		4			*			02.0	C	24.16	C	22.90		*	U	0.06	20.6	
07	07	64	20.6	LA	0003	36	57.5	76	23.7	6		4			*			03.0	C	24.16	C	22.90		*	U	0.04	20.6	
07	07	64	20.6	LA	0003	36	57.5	76	23.7	6		4			*			04.0	C	24.16	C	22.92		*	U	0.01	20.6	
07	07	64	20.6	LA	0003	36	57.5	76	23.7	6		4			*			06.0	C	24.08	C	23.00		*	U	0.00	20.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
07	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		4	25	17	11			00.0	C	24.12	C	22.89	L	11	D	0.05	21.3	
07	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		4	25	17	11			02.0	C	24.14	C	22.88		*	U	0.07	21.2	
07	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		4	25	17	11			03.0	C	24.14	C	22.88		*	U	0.05	21.2	
07	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		4	25	17	11			04.0	C	24.14	C	22.88		*	U	0.02	21.2	
07	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		4	25	17	11			06.0	C	24.04	C	23.01		*	U	0.06	21.2	
07	07	64	21.5	LA	0003	36	57.5	76	23.7	7		5			*			00.0	C	24.10	C	22.91	L	06	D	0.27	21.7	
07	07	64	21.5	LA	0003	36	57.5	76	23.7	7		5			*			02.0	C	24.09	C	22.94	L	06	U	0.26	21.6	
07	07	64	21.5	LA	0003	36	57.5	76	23.7	7		5			*			03.0	C	24.09	C	22.94	L	06	U	0.23	21.6	
07	07	64	21.5	LA	0003	36	57.5	76	23.7	7		5			*			04.0	C	24.10	C	22.92	L	06	U	0.21	21.6	
07	07	64	21.5	LA	0003	36	57.5	76	23.7	7		5			*			06.0	C	24.04	C	23.00	L	06	U	0.21	21.6	
07	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		5	24	19	10			00.0	C	24.06	C	22.98	U	07	U	0.35	22.3	
07	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		5	24	19	10			02.0	C	24.06	C	22.98		*	U	0.32	22.3	
07	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		5	24	19	10			03.0	C	24.06	C	22.99		*	U	0.31	22.3	
07	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		5	24	19	10			04.0	C	24.06	C	23.00		*	U	0.22	22.3	
07	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		5	24	19	10			06.0	C	24.06	C	23.00		*		*	*	
07	07	64	22.5	LA	0003	36	57.5	76	23.7	6		5			*			00.0	C	24.00	C	23.03	U	07	U	0.60	22.6	
07	07	64	22.5	LA	0003	36	57.5	76	23.7	6		5			*			02.0	C	24.02	C	23.01		*	U	0.50	22.6	
07	07	64	22.5	LA	0003	36	57.5	76	23.7	6		5			*			03.0	C	24.02	C	23.01		*	U	0.35	22.6	
07	07	64	22.5	LA	0003	36	57.5	76	23.7	6		5			*			04.0	C	24.02	C	22.84		*	U	0.35	22.6	
07	07	64	22.5	LA	0003	36	57.5	76	23.7	6		5			*			06.0	C	24.02	C	22.84		*		*	*	
07	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		5	24	19	05			00.0	C	24.04	C	22.95	U	06	U	0.75	23.1	
07	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		5	24	19	05			02.0	C	24.02	C	22.96		*	U	0.62	23.1	
07	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		5	24	19	05			03.0	C	24.02	C	22.98		*	U	0.60	23.1	
07	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		5	24	19	05			04.0	C	24.02	C	22.98		*	U	0.62	23.1	
07	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		5	24	19	05			06.0	C	24.02	C	22.98		*		*	*	
07	07	64	23.5	LA	0003	36	57.5	76	23.7	6		6			*			00.0	C	23.98	C	22.91	U	05	U	0.68	23.6	
07	07	64	23.5	LA	0003	36	57.5	76	23.7	6		6			*			02.0	C	23.96	C	22.92		*	U	0.60	23.6	
07	07	64	23.5	LA	0003	36	57.5	76	23.7	6		6			*			03.0	C	23.98	C	22.90		*	U	0.62	23.6	
07	07	64	23.5	LA	0003	36	57.5	76	23.7	6		6			*			04.0	C	23.98	C	22.91		*	U	0.51	23.6	
07	07	64	23.5	LA	0003	36	57.5	76	23.7	6		6			*			05.0	C	23.98	C	22.92		*		*	*	
08	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		6	24	17	06			00.0	C	23.90	C	22.72	U	06	U	0.75	00.2	
08	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		6	24	17	06			02.0	C	23.90	C	22.70		*	U	0.72	00.2	
08	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		6	24	17	06			03.0	C	23.90	C	22.74		*	U	0.61	00.2	
08	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		6	24	17	06			04.0	C	23.90	C	22.71		*	U	0.58	00.2	
08	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		6	24	17	06			06.0	C	23.92	C	22.73		*		*	*	
08	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			00.0	C	23.88	C	22.54	U	06	U	0.63	00.6	
08	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			02.0	C	23.88	C	22.53		*	U	0.61	00.6	
08	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			03.0	C	23.88	C	22.54		*	U	0.60	00.6	
08	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			04.0	C	23.88	C	22.54		*	U	0.52	00.6	
08	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			06.0	C	23.88	C	22.53		*		*	*	
08	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		6	23	18	07			00.0	C	23.94	C	22.51	U	06	U	0.52	01.1	
08	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		6	23	18	07			02.0	C	23.94	C	22.51		*	U	0.50	01.1	
08	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		6	23	18	07			03.0	C	23.94	C	22.52		*	U	0.37	01.1	
08	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		6	23	18	07			04.0	C	23.94	C	22.52		*	U	0.37	01.1	
08	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		6	23	18	07			06.0	C	23.94	C	22.52		*		*	*	
08	07	64	01.5	LA	0003	36	57.5	76	23.7	6		7			*			00.0	C	24.00	C	22.44	U	05	U	0.55	01.6	
08	07	64	01.5	LA	0003	36	57.5	76	23.7	6		7			*			02.0	C	24.00	C	22.44		*	U	0.37	01.6	
08	07	64	01.5	LA	0003	36	57.5	76	23.7	6		7			*			03.0	C	24.02	C	22.42		*	U	0.37	01.6	
08	07	64	01.5	LA	0003	36	57.5	76	23.7	6		7			*			04.0	C	24.02	C	22.44		*	U	0.40	01.6	
08	07	64	01.5	LA	0003	36	57.5	76	23.7	6		7			*			06.0	C	24.02	C	22.43		*		*	*	
08	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		7	23	19	15			03.0	C	24.07	C	22.28		*	U	0.39	02.1	
08	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		7	23	19	15			00.0	C	24.06	C	22.27	L	05	U	0.49	02.1	
08	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		7	23	19	15			02.0	C	24.06	C	22.27		*	U	0.39	02.1	
08	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		7	23	19	15			04.0	C	24.07	C	22.28		*	U	0.33	02.1	
08	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		7	23	19	15			06.0	C	24.07	C	22.28		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
08	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			00.0	C	24.07	C	22.20	L	04	U	0.34	02.5	
08	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			02.0	C	24.07	C	22.19		*	U	0.32	02.5	
08	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			04.0	C	24.08	C	22.19		*	U	0.30	02.5	
08	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			03.0	C	24.08	C	22.19		*	U	0.28	02.5	
08	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		7	23	18	10			00.0	C	24.05	C	22.10	L	06	U	0.25	03.1	
08	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		7	23	18	10			02.0	C	24.06	C	22.10		*	U	0.26	03.1	
08	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		7	23	18	10			03.0	C	24.06	C	22.12		*	U	0.24	03.1	
08	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			06.0	C	24.08	C	22.19		*		*	*	
08	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		7	23	18	10			04.0	C	24.06	C	22.12		*	U	0.20	03.1	
08	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		7	23	18	10			06.0	C	24.07	C	22.11		*		*	*	
08	07	64	03.5	LA	0003	36	57.5	76	23.7	6		8			*			00.0	C	24.04	C	22.12	L	07	U	0.14	03.6	
08	07	64	03.5	LA	0003	36	57.5	76	23.7	6		8			*			02.0	C	24.04	C	22.12		*	U	0.08	03.6	
08	07	64	03.5	LA	0003	36	57.5	76	23.7	6		8			*			03.0	C	24.04	C	22.12		*	U	0.07	03.6	
08	07	64	03.5	LA	0003	36	57.5	76	23.7	6		8			*			04.0	C	24.05	C	22.11		*	U	0.05	03.6	
08	07	64	03.5	LA	0003	36	57.5	76	23.7	6		8			*			06.0	C	24.05	C	22.12		*		*	*	
08	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		1	23	19	08			00.0	C	24.04	C	22.12	L	27	U	0.11	04.0	
08	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		1	23	19	08			02.0	C	24.04	C	22.09		*	U	0.13	04.0	
08	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		1	23	19	08			03.0	C	24.04	C	22.09		*	U	0.11	04.0	
08	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		1	23	19	08			04.0	C	24.04	C	22.09		*	U	0.10	04.1	
08	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		1	23	19	08			06.0	C	24.04	C	22.10		*		*	*	
08	07	64	04.5	LA	0003	36	57.5	76	23.7	6		1			*			00.0	C	24.01	C	22.16	L	26	U	0.28	04.5	
08	07	64	04.5	LA	0003	36	57.5	76	23.7	6		1			*			02.0	C	24.02	C	22.17		*	U	0.26	04.5	
08	07	64	04.5	LA	0003	36	57.5	76	23.7	6		1			*			03.0	C	24.02	C	22.16		*	U	0.28	04.5	
08	07	64	04.5	LA	0003	36	57.5	76	23.7	6		1			*			04.0	C	24.02	C	22.17		*	U	0.25	04.5	
08	07	64	04.5	LA	0003	36	57.5	76	23.7	6		1			*			06.0	C	24.02	C	22.17		*		*	*	
08	07	64	05.0	LA	0003	36	57.5	76	23.7	*6		1	22	19	10			00.0	C	23.96	C	22.26	L	26	U	0.41	05.0	
08	07	64	05.0	LA	0003	36	57.5	76	23.7	*6		1	22	19	10			02.0	C	23.95	C	22.26		*	U	0.37	05.0	
08	07	64	05.0	LA	0003	36	57.5	76	23.7	*6		1	22	19	10			03.0	C	23.95	C	22.26		*	U	0.38	05.0	
08	07	64	05.0	LA	0003	36	57.5	76	23.7	*6		1	22	19	10			04.0	C	23.96	C	22.24		*	U	0.38	05.0	
08	07	64	05.0	LA	0003	36	57.5	76	23.7	*6		1	22	19	10			06.0	C	23.96	C	22.25		*		*	*	
08	07	64	05.5	LA	0003	36	57.5	76	23.7	6		2			*			00.0	C	23.66	C	22.50	L	26	U	0.39	05.6	
08	07	64	05.5	LA	0003	36	57.5	76	23.7	6		2			*			02.0	C	23.66	C	22.50		*	U	0.50	05.6	
08	07	64	05.5	LA	0003	36	57.5	76	23.7	6		2			*			03.0	C	23.66	C	22.51		*	U	0.38	05.6	
08	07	64	05.5	LA	0003	36	57.5	76	23.7	6		2			*			04.0	C	23.66	C	22.51		*	U	0.40	05.6	
08	07	64	05.5	LA	0003	36	57.5	76	23.7	6		2			*			06.0	C	23.66	C	22.52		*		*	*	
08	07	64	06.0	LA	0003	36	57.5	76	23.7	*7		3	22	17	09	1.2		00.0	C	23.64	C	22.61	L	27	D	0.47	06.4	
08	07	64	06.0	LA	0003	36	57.5	76	23.7	*7		3	22	17	09	1.2		02.0	C	23.64	C	22.63		*	U	0.50	06.3	
08	07	64	06.0	LA	0003	36	57.5	76	23.7	*7		3	22	17	09	1.2		03.0	C	23.66	C	22.61		*	U	0.47	06.3	
08	07	64	06.0	LA	0003	36	57.5	76	23.7	*7		3	22	17	09	1.2		04.0	C	23.66	C	22.60		*	U	0.46	06.3	
08	07	64	06.0	LA	0003	36	57.5	76	23.7	*7		3	22	17	09	1.2		06.0	C	23.66	C	22.62		*	U	0.33	06.3	
08	07	64	06.5	LA	0003	36	57.5	76	23.7	7		3			*			00.0	C	23.67	C	22.66	L	27	D	0.47	06.7	
08	07	64	06.5	LA	0003	36	57.5	76	23.7	7		3			*			02.0	C	23.67	C	22.66		*	U	0.50	06.6	
08	07	64	06.5	LA	0003	36	57.5	76	23.7	7		3			*			03.0	C	23.68	C	22.70		*	U	0.50	06.6	
08	07	64	06.5	LA	0003	36	57.5	76	23.7	7		3			*			04.0	C	23.68	C	22.75		*	U	0.46	06.6	
08	07	64	06.5	LA	0003	36	57.5	76	23.7	7		3			*			06.0	C	23.68	C	22.75		*	U	0.35	06.6	
08	07	64	07.0	LA	0003	36	57.5	76	23.7	*7		2	23	17	11	1.3		00.0	C	23.65	C	22.89	L	27	D	0.38	07.1	
08	07	64	07.0	LA	0003	36	57.5	76	23.7	*7		2	23	17	11	1.3		02.0	C	23.65	C	22.90		*	U	0.38	07.0	
08	07	64	07.0	LA	0003	36	57.5	76	23.7	*7		2	23	17	11	1.3		03.0	C	23.65	C	22.91		*	U	0.38	07.0	
08	07	64	07.0	LA	0003	36	57.5	76	23.7	*7		2	23	17	11	1.3		04.0	C	23.65	C	22.91		*	U	0.27	07.0	
08	07	64	07.0	LA	0003	36	57.5	76	23.7	*7		2	23	17	11	1.3		06.0	C	23.65	C	22.91		*	U	0.25	07.0	
08	07	64	07.5	LA	0003	36	57.5	76	23.7	7		2			*			00.0	C	23.65	C	22.96	L	27	D	0.39	07.6	
08	07	64	07.5	LA	0003	36	57.5	76	23.7	7		2			*			02.0	C	23.60	C	23.00		*	U	0.38	07.6	
08	07	64	07.5	LA	0003	36	57.5	76	23.7	7		2			*			03.0	C	23.60	C	23.01		*	U	0.36	07.6	
08	07	64	07.5	LA	0003	36	57.5	76	23.7	7		2			*			04.0	C	23.60	C	23.01		*	U	0.36	07.6	
08	07	64	07.5	LA	0003	36	57.5	76	23.7	7		2			*			06.0	C	23.60	C	23.01		*	U	0.30	07.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
08	07	64	08.0	LA	0003	36	57.5	76	23.7	*7	3	23	17	09	1.3	00.0	C	23.60	C	22.94	L	28	D	0.16	08.2
08	07	64	08.0	LA	0003	36	57.5	76	23.7	*7	3	23	17	09	1.3	02.0	C	23.60	C	22.91		*	U	0.33	08.1
08	07	64	08.0	LA	0003	36	57.5	76	23.7	*7	3	23	17	09	1.3	03.0	C	23.62	C	22.91		*	U	0.30	08.1
08	07	64	08.0	LA	0003	36	57.5	76	23.7	*7	3	23	17	09	1.3	04.0	C	23.62	C	22.95		*	U	0.28	08.1
08	07	64	08.0	LA	0003	36	57.5	76	23.7	*7	3	23	17	09	1.3	06.0	C	23.62	C	23.01		*	U	0.19	08.1
08	07	64	08.5	LA	0003	36	57.5	76	23.7	7	3			*		00.0	C	23.58	C	22.82	L	29	D	0.12	08.7
08	07	64	08.5	LA	0003	36	57.5	76	23.7	7	3			*		02.0	C	23.60	C	22.10		*	U	0.13	08.6
08	07	64	08.5	LA	0003	36	57.5	76	23.7	7	3			*		03.0	C	23.60	C	22.84		*	U	0.09	08.6
08	07	64	08.5	LA	0003	36	57.5	76	23.7	7	3			*		04.0	C	23.60	C	22.86		*	U	0.07	08.6
08	07	64	08.5	LA	0003	36	57.5	76	23.7	7	3			*		06.0	C	23.62	C	22.95		*	U	0.05	08.6
08	07	64	09.0	LA	0003	36	57.5	76	23.7	*7	4	23	17	09	1.4	00.0	C	23.60	C	22.79	L	03	D	0.00	09.1
08	07	64	09.0	LA	0003	36	57.5	76	23.7	*7	4	23	17	09	1.4	02.0	C	23.60	C	22.77		*	U	0.05	09.1
08	07	64	09.0	LA	0003	36	57.5	76	23.7	*7	4	23	17	09	1.4	03.0	C	23.60	C	22.78		*	U	0.04	09.1
08	07	64	09.0	LA	0003	36	57.5	76	23.7	*7	4	23	17	09	1.4	04.0	C	23.60	C	22.79		*	U	0.01	09.1
08	07	64	09.0	LA	0003	36	57.5	76	23.7	*7	4	23	17	09	1.4	06.0	C	23.60	C	22.89		*	U	0.01	09.1
08	07	64	09.5	LA	0003	36	57.5	76	23.7	7	5			*		00.0	C	23.60	C	22.77	L	06	D	0.11	09.7
08	07	64	09.5	LA	0003	36	57.5	76	23.7	7	5			*		02.0	C	23.60	C	22.76		*	U	0.13	09.6
08	07	64	09.5	LA	0003	36	57.5	76	23.7	7	5			*		03.0	C	23.60	C	22.79		*	U	0.13	09.6
08	07	64	09.5	LA	0003	36	57.5	76	23.7	7	5			*		04.0	C	23.60	C	22.81		*	U	0.10	09.6
08	07	64	09.5	LA	0003	36	57.5	76	23.7	7	5			*		06.0	C	23.62	C	22.89		*	U	0.14	09.6
08	07	64	10.0	LA	0003	36	57.5	76	23.7	*6	5	23	19	09	1.4	00.0	C	23.40	C	22.86	L	06	D	0.30	10.0
08	07	64	10.0	LA	0003	36	57.5	76	23.7	*6	5	23	19	09	1.4	02.0	C	23.40	C	22.88		*	U	0.31	10.0
08	07	64	10.0	LA	0003	36	57.5	76	23.7	*6	5	23	19	09	1.4	03.0	C	23.41	C	22.88		*	U	0.28	10.0
08	07	64	10.0	LA	0003	36	57.5	76	23.7	*6	5	23	19	09	1.4	04.0	C	23.42	C	23.44		*	U	0.33	10.0
08	07	64	10.0	LA	0003	36	57.5	76	23.7	*6	5	23	19	09	1.4	06.0	C	23.42	C	23.52		*		*	*
08	07	64	10.5	LA	0003	36	57.5	76	23.7	6	5			*	1.8	00.0	C	23.36	C	22.95	U	04	U	0.27	10.5
08	07	64	10.5	LA	0003	36	57.5	76	23.7	6	5			*	1.8	02.0	C	23.38	C	22.95		*	U	0.28	10.5
08	07	64	10.5	LA	0003	36	57.5	76	23.7	6	5			*		03.0	C	23.36	C	22.97		*	U	0.25	10.5
08	07	64	10.5	LA	0003	36	57.5	76	23.7	6	5			*	1.8	04.0	C	23.38	C	23.01		*	U	0.21	10.5
08	07	64	10.5	LA	0003	36	57.5	76	23.7	6	5			*	1.8	06.0	C	23.40	C	23.01		*		*	*
08	07	64	11.0	LA	0003	36	57.5	76	23.7	*6	5	23	20	03	1.2	00.0	C	23.50	C	22.36	U	06	U	0.30	11.1
08	07	64	11.0	LA	0003	36	57.5	76	23.7	*6	5	23	20	03	1.2	02.0	C	23.48	C	22.42		*	U	0.62	11.1
08	07	64	11.0	LA	0003	36	57.5	76	23.7	*6	5	23	20	03	1.2	03.0	C	23.46	C	22.63		*	U	0.37	11.1
08	07	64	11.0	LA	0003	36	57.5	76	23.7	*6	5	23	20	03	1.2	04.0	C	23.44	C	22.79		*	U	0.30	11.1
08	07	64	11.0	LA	0003	36	57.5	76	23.7	*6	5	23	20	03	1.2	06.0	C	23.42	C	22.84		*		*	*
08	07	64	11.5	LA	0003	36	57.5	76	23.7	6	5			*	1.0	00.0	C	23.54	C	22.56	U	06	U	0.61	11.6
08	07	64	11.5	LA	0003	36	57.5	76	23.7	6	5			*	1.0	02.0	C	23.54	C	22.57		*	U	0.58	11.6
08	07	64	11.5	LA	0003	36	57.5	76	23.7	6	5			*	1.0	03.0	C	23.54	C	22.57		*	U	0.60	11.6
08	07	64	11.5	LA	0003	36	57.5	76	23.7	6	5			*	1.0	04.0	C	23.54	C	22.58		*	U	0.60	11.6
08	07	64	11.5	LA	0003	36	57.5	76	23.7	6	5			*	1.0	06.0	C	23.56	C	22.56		*		*	*
08	07	64	12.0	LA	0003	36	57.5	76	23.7	*6	6	24	20	08	1.2	00.0	C	23.54	C	22.39	U	06	U	0.75	12.1
08	07	64	12.0	LA	0003	36	57.5	76	23.7	*6	6	24	20	08	1.2	02.0	C	23.54	C	22.39		*	U	0.61	12.1
08	07	64	12.0	LA	0003	36	57.5	76	23.7	*6	6	24	20	08	1.2	03.0	C	23.54	C	22.38		*	U	0.51	12.1
08	07	64	12.0	LA	0003	36	57.5	76	23.7	*6	6	24	20	08	1.2	04.0	C	23.54	C	22.39		*	U	0.50	12.1
08	07	64	12.0	LA	0003	36	57.5	76	23.7	*6	6	24	20	08	1.2	06.0	C	23.54	C	22.41		*		*	*
08	07	64	12.5	LA	0003	36	57.5	76	23.7	6	6			*	1.3	00.0	C	23.54	C	22.41	U	06	U	0.62	12.6
08	07	64	12.5	LA	0003	36	57.5	76	23.7	6	6			*	1.3	02.0	C	23.54	C	22.40	U	14	U	0.61	12.6
08	07	64	12.5	LA	0003	36	57.5	76	23.7	6	6			*	1.3	03.0	C	23.54	C	22.40	U	13	U	0.58	12.6
08	07	64	12.5	LA	0003	36	57.5	76	23.7	6	6			*	1.3	04.0	C	23.54	C	22.42	U	12	U	0.51	12.6
08	07	64	12.5	LA	0003	36	57.5	76	23.7	6	6			*	1.3	06.0	C	23.54	C	22.42		*		*	*
08	07	64	13.0	LA	0003	36	57.5	76	23.7	*6	6	24	20	08	1.3	00.0	C	23.62	C	22.25	U	05	U	0.61	13.1
08	07	64	13.0	LA	0003	36	57.5	76	23.7	*6	6	24	20	08	1.3	02.0	C	23.62	C	22.25	U	12	U	0.62	13.1
08	07	64	13.0	LA	0003	36	57.5	76	23.7	*6	6	24	20	08	1.3	03.0	C	23.62	C	22.25	U	12	U	0.50	13.1
08	07	64	13.0	LA	0003	36	57.5	76	23.7	*6	6	24	20	08	1.3	04.0	C	23.62	C	22.25	U	12	U	0.50	13.1
08	07	64	13.0	LA	0003	36	57.5	76	23.7	*6	6	24	20	08	1.3	06.0	C	23.62	C	22.26		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
08	07	64	13.5	LA	0003	36	57.5	76	23.7	6	6			*		00.0	C	23.60	C	22.19	U	06	U	0.58	13.6
08	07	64	13.5	LA	0003	36	57.5	76	23.7	6	6			*		02.0	C	23.60	C	22.18	U	13	U	0.50	13.6
08	07	64	13.5	LA	0003	36	57.5	76	23.7	6	6			*		03.0	C	23.60	C	22.20	U	12	U	0.37	13.6
08	07	64	13.5	LA	0003	36	57.5	76	23.7	6	6			*		04.0	C	23.60	C	22.19	U	12	U	0.37	13.6
08	07	64	13.5	LA	0003	36	57.5	76	23.7	6	6			*		06.0	C	23.60	C	22.20		*		*	*
08	07	64	14.0	LA	0003	36	57.5	76	23.7	*6	7	24	19	06	1.1	00.0	C	23.60	C	22.10	U	13	U	0.43	14.1
08	07	64	14.0	LA	0003	36	57.5	76	23.7	*6	7	24	19	06	1.1	02.0	C	23.61	C	22.11	U	13	U	0.43	14.1
08	07	64	14.0	LA	0003	36	57.5	76	23.7	*6	7	24	19	06	1.1	03.0	C	23.61	C	22.11	U	13	U	0.41	14.1
08	07	64	14.0	LA	0003	36	57.5	76	23.7	*6	7	24	19	06	1.1	04.0	C	23.61	C	22.11	U	13	U	0.41	14.1
08	07	64	14.0	LA	0003	36	57.5	76	23.7	*6	7	24	19	06	1.1	05.0	C	23.61	C	22.12		*		*	*
08	07	64	14.5	LA	0003	36	57.5	76	23.7	6	8			*		00.0	C	23.64	C	21.95	U	11	U	0.17	14.6
08	07	64	14.5	LA	0003	36	57.5	76	23.7	6	8			*		02.0	C	23.64	C	22.01	U	12	U	0.15	14.6
08	07	64	14.5	LA	0003	36	57.5	76	23.7	6	8			*		03.0	C	23.63	C	22.08	U	12	U	0.15	14.6
08	07	64	14.5	LA	0003	36	57.5	76	23.7	6	8			*		04.0	C	23.63	C	22.08	U	13	U	0.16	14.6
08	07	64	14.5	LA	0003	36	57.5	76	23.7	6	8			*		06.0	C	23.62	C	22.12		*		*	*
08	07	64	15.0	LA	0003	36	57.5	76	23.7	*6	7	26	19	06	1.1	00.0		23.68	C	21.90	U	09	U	0.35	15.1
08	07	64	15.0	LA	0003	36	57.5	76	23.7	*6	7	26	19	06	1.1	02.0	C	23.67	C	21.93	U	10	U	0.33	15.1
08	07	64	15.0	LA	0003	36	57.5	76	23.7	*6	7	26	19	06	1.1	03.0	C	23.66	C	21.96	U	08	U	0.31	15.2
08	07	64	15.0	LA	0003	36	57.5	76	23.7	*6	7	26	19	06	1.1	04.0	C	23.65	C	21.97	U	36	U	0.03	15.2
08	07	64	15.0	LA	0003	36	57.5	76	23.7	*6	7	26	19	06	1.1	06.0	C	23.63	C	22.04		*		*	*
08	07	64	15.5	LA	0003	36	57.5	76	23.7	6	1			*		00.0	C	23.75	C	20.52	U	36	U	0.28	15.5
08	07	64	15.5	LA	0003	36	57.5	76	23.7	6	1			*		02.0	C	23.74	C	21.90	U	29	U	0.28	15.5
08	07	64	15.5	LA	0003	36	57.5	76	23.7	6	1			*		03.0	C	23.70	C	21.90	U	29	U	0.22	15.5
08	07	64	15.5	LA	0003	36	57.5	76	23.7	6	1			*		04.0	C	23.66	C	21.95	U	28	U	0.22	15.5
08	07	64	15.5	LA	0003	36	57.5	76	23.7	6	1			*		06.0	C	23.62	C	22.06		*		*	*
08	07	64	16.0	LA	0003	36	57.5	76	23.7	*6	1	26	19	06	1.3	00.0	C	23.71	C	21.98	U	30	U	0.43	16.0
08	07	64	16.0	LA	0003	36	57.5	76	23.7	*6	1	26	19	06	1.3	02.0	C	23.70	C	21.97	U	30	U	0.38	16.0
08	07	64	16.0	LA	0003	36	57.5	76	23.7	*6	1	26	19	06	1.3	03.0	C	23.70	C	22.01	U	30	U	0.38	16.0
08	07	64	16.0	LA	0003	36	57.5	76	23.7	*6	1	26	19	06	1.3	04.0	C	23.64	C	22.08	U	29	U	0.35	16.0
08	07	64	16.0	LA	0003	36	57.5	76	23.7	*6	1	26	19	06	1.3	06.0	C	23.64	C	22.17		*		*	*
08	07	64	16.5	LA	0003	36	57.5	76	23.7	6	1			*		00.0	C	23.65	C	22.25	U	30	U	0.45	16.5
08	07	64	16.5	LA	0003	36	57.5	76	23.7	6	1			*		02.0	C	23.63	C	22.27	U	30	U	0.47	16.5
08	07	64	16.5	LA	0003	36	57.5	76	23.7	6	1			*		03.0	C	23.63	C	22.27	U	30	U	0.42	16.5
08	07	64	16.5	LA	0003	36	57.5	76	23.7	6	1			*		04.0	C	23.62	C	22.27	U	30	U	0.41	16.5
08	07	64	16.5	LA	0003	36	57.5	76	23.7	6	1			*		06.0	C	23.62	C	22.27		*		*	*
08	07	64	17.0	LA	0003	36	57.5	76	23.7	*6	2	28	19	06	1.1	00.0	C	23.57	C	22.39	U	30	U	0.70	17.0
08	07	64	17.0	LA	0003	36	57.5	76	23.7	*6	2	28	19	06	1.1	02.0	C	23.57	C	22.39	U	30	U	0.65	17.0
08	07	64	17.0	LA	0003	36	57.5	76	23.7	*6	2	28	19	06	1.1	03.0	C	23.57	C	22.38	U	29	U	0.65	17.1
08	07	64	17.0	LA	0003	36	57.5	76	23.7	*6	2	28	19	06	1.1	04.0	C	23.57	C	22.41	U	29	U	0.65	17.1
08	07	64	17.0	LA	0003	36	57.5	76	23.7	*6	2	28	19	06	1.1	06.0	C	23.57	C	22.41		*		*	*
08	07	64	17.5	LA	0003	36	57.5	76	23.7	6	2			*		00.0	C	23.54	C	22.52	U	30	U	0.65	17.6
08	07	64	17.5	LA	0003	36	57.5	76	23.7	6	2			*		02.0	C	23.54	C	22.53	U	29	U	0.65	17.5
08	07	64	17.5	LA	0003	36	57.5	76	23.7	6	2			*		03.0	C	23.54	C	22.53	U	29	U	0.60	17.5
08	07	64	17.5	LA	0003	36	57.5	76	23.7	6	2			*		04.0	C	23.54	C	22.55	U	28	U	0.55	17.5
08	07	64	17.5	LA	0003	36	57.5	76	23.7	6	2			*		06.0	C	23.54	C	22.55		*		*	*
08	07	64	18.0	LA	0003	36	57.5	76	23.7	*6	2	27	18	07		00.0	C	23.48	C	22.67		*	U	0.70	18.3
08	07	64	18.0	LA	0003	36	57.5	76	23.7	*6	2	27	18	07		02.0	C	23.48	C	22.67		*	U	0.65	18.3
08	07	64	18.0	LA	0003	36	57.5	76	23.7	*6	2	27	18	07		03.0	C	23.48	C	22.65		*	U	0.65	18.3
08	07	64	18.0	LA	0003	36	57.5	76	23.7	*6	2	27	18	07		04.0	C	23.48	C	22.67		*	U	0.60	18.3
08	07	64	18.0	LA	0003	36	57.5	76	23.7	*6	2	27	18	07		06.0	C	23.48	C	22.67		*	U	0.50	*
08	07	64	18.6	LA	0003	36	57.5	76	23.7	6	2			*		00.0	C	23.39	C	22.87	L	28	U	0.80	18.7
08	07	64	18.6	LA	0003	36	57.5	76	23.7	6	2			*		02.0	C	23.39	C	22.87		*	U	0.70	18.7
08	07	64	18.6	LA	0003	36	57.5	76	23.7	6	2			*		03.0	C	23.39	C	22.97		*	U	0.70	18.7
08	07	64	18.6	LA	0003	36	57.5	76	23.7	6	2			*		04.0	C	23.39	C	23.03		*	U	0.60	18.7
08	07	64	18.6	LA	0003	36	57.5	76	23.7	6	2			*		06.0	C	23.39	C	23.03		*	U	0.50	18.7

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
08	07	64	19.0	LA	0003	36	57.5	76	23.7	*7		3	25	17	06			00.0	C	23.38	C	22.81	L	26	U	0.70	19.2		
08	07	64	19.0	LA	0003	36	57.5	76	23.7	*7		3	25	17	06			02.0	C	23.34	C	22.88		*	U	0.65	19.2		
08	07	64	19.0	LA	0003	36	57.5	76	23.7	*7		3	25	17	06			03.0	C	23.34	C	22.88		*	U	0.60	19.2		
08	07	64	19.0	LA	0003	36	57.5	76	23.7	*7		3	25	17	06			04.0	C	23.34	C	22.90		*	U	0.60	19.2		
08	07	64	19.0	LA	0003	36	57.5	76	23.7	*7		3	25	17	06			06.0	C	23.30	C	22.97		*	U	0.55	19.2		
08	07	64	19.5	LA	0003	36	57.5	76	23.7	7		2			*			00.0	C	23.28	C	22.95	L	29	U	0.65	19.6		
08	07	64	19.5	LA	0003	36	57.5	76	23.7	7		2			*			02.0	C	23.28	C	22.95		*	U	0.60	19.6		
08	07	64	19.5	LA	0003	36	57.5	76	23.7	7		2			*			03.0	C	23.28	C	23.26		*	U	0.50	19.6		
08	07	64	19.5	LA	0003	36	57.5	76	23.7	7		2			*			04.0	C	23.28	C	23.26		*	U	0.50	19.6		
08	07	64	19.5	LA	0003	36	57.5	76	23.7	7		2			*			06.0	C	23.28	C	22.95		*	U	0.48	19.6		
08	07	64	20.0	LA	0003	36	57.5	76	23.7	*7		2	24	18	07			00.0	C	23.31	C	22.86	L	29	U	0.45	20.1		
08	07	64	20.0	LA	0003	36	57.5	76	23.7	*7		2	24	18	07			02.0	C	23.32	C	22.88		*	U	0.40	*		
08	07	64	20.0	LA	0003	36	57.5	76	23.7	*7		2	24	18	07			03.0	C	23.30	C	22.88		*	U	0.40	*		
08	07	64	20.0	LA	0003	36	57.5	76	23.7	*7		2	24	18	07			04.0	C	23.32	C	22.88		*	U	0.35	*		
08	07	64	20.0	LA	0003	36	57.5	76	23.7	*7		2	24	18	07			06.0	C	23.30	C	22.79		*	U	0.30	*		
08	07	64	20.5	LA	0003	36	57.5	76	23.7	7		3			*			00.0	C	23.26	C	22.95	L	28	U	0.41	20.5		
08	07	64	20.5	LA	0003	36	57.5	76	23.7	7		3			*			02.0	C	23.22	C	23.01		*	U	0.43	*		
08	07	64	20.5	LA	0003	36	57.5	76	23.7	7		3			*			03.0	C	23.20	C	23.03		*	U	0.45	*		
08	07	64	20.5	LA	0003	36	57.5	76	23.7	7		3			*			04.0	C	23.13	C	23.11		*	U	0.44	*		
08	07	64	20.5	LA	0003	36	57.5	76	23.7	7		3			*			06.0	C	23.12	C	23.13		*	U	0.35	*		
08	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		3	24	16	09			00.0	C	23.02	C	23.28	L	29	U	0.33	21.2		
08	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		3	24	16	09			02.0	C	23.02	C	23.28		*	U	0.33	21.2		
08	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		3	24	16	09			03.0	C	23.01	C	23.29		*	U	0.34	21.2		
08	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		3	24	16	09			04.0	C	23.01	C	23.29		*	U	0.34	21.1		
08	07	64	21.0	LA	0003	36	57.5	76	23.7	*7		3	24	16	09			06.0	C	23.00	C	23.29		*	U	0.30	21.1		
08	07	64	21.5	LA	0003	36	57.5	76	23.7	7		*			*			00.0	C	23.02	C	23.29	L	30	U	0.10	21.5		
08	07	64	21.5	LA	0003	36	57.5	76	23.7	7		*			*			02.0	C	23.02	C	23.29	L	30	U	0.15	21.5		
08	07	64	21.5	LA	0003	36	57.5	76	23.7	7		*			*			03.0	C	23.02	C	23.29	L	30	U	0.15	21.5		
08	07	64	21.5	LA	0003	36	57.5	76	23.7	7		*			*			04.0	C	23.02	C	23.29	L	30	U	0.10	21.5		
08	07	64	21.5	LA	0003	36	57.5	76	23.7	7		*			*			06.0	C	23.02	C	23.29	L	30	U	0.10	*		
08	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		4	23	18	07			00.0	C	23.02	C	23.28	U	00	U	0.01	22.1		
08	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		4	23	18	07			02.0	C	23.04	C	23.27		*	U	0.00	22.1		
08	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		4	23	18	07			03.0	C	23.04	C	23.27		*	U	0.00	22.1		
08	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		4	23	18	07			04.0	C	23.04	C	23.27		*	U	0.00	22.1		
08	07	64	22.0	LA	0003	36	57.5	76	23.7	*6		4	23	18	07			06.0	C	23.04	C	23.27		*		*	*		
08	07	64	22.5	LA	0003	36	57.5	76	23.7	6		*			*			00.0	C	23.00	C	23.29	U	07	U	0.22	22.6		
08	07	64	22.5	LA	0003	36	57.5	76	23.7	6		*			*			02.0	C	23.00	C	23.29		*	U	0.20	22.6		
08	07	64	22.5	LA	0003	36	57.5	76	23.7	6		*			*			03.0	C	23.00	C	23.29		*	U	0.15	22.6		
08	07	64	22.5	LA	0003	36	57.5	76	23.7	6		*			*			04.0	C	23.00	C	23.30		*	U	0.13	22.6		
08	07	64	22.5	LA	0003	36	57.5	76	23.7	6		*			*			06.0	C	22.98	C	23.33		*		*	*		
08	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		5	24	30	02			00.0	C	22.98	C	23.32	U	06	U	0.50	23.1		
08	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		5	24	30	02			02.0	C	22.98	C	23.32		*	U	0.48	23.1		
08	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		5	24	30	02			03.0	C	22.98	C	23.32		*	U	0.43	23.1		
08	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		5	24	30	02			04.0	C	22.92	C	23.47		*	U	0.25	23.1		
08	07	64	23.0	LA	0003	36	57.5	76	23.7	*6		5	24	30	02			06.0	C	22.92	C	23.49		*		*	*		
08	07	64	23.5	LA	0003	36	57.5	76	23.7	6		5			*			00.0	C	23.26	C	22.74	U	06	U	0.75	23.5		
08	07	64	23.5	LA	0003	36	57.5	76	23.7	6		5			*			02.0	C	23.08	C	23.22		*	U	0.58	23.5		
08	07	64	23.5	LA	0003	36	57.5	76	23.7	6		5			*			03.0	C	22.98	C	23.33		*	U	0.51	23.5		
08	07	64	23.5	LA	0003	36	57.5	76	23.7	6		5			*			04.0	C	22.94	C	23.41		*	U	0.40	23.5		
08	07	64	23.5	LA	0003	36	57.5	76	23.7	6		5			*			06.0	C	22.92	C	23.45		*		*	*		
09	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		5	21	18	09			00.0	C	23.06	C	23.14	U	05	U	0.78	00.1		
09	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		5	21	18	09			02.0	C	23.06	C	23.15		*	U	0.75	00.1		
09	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		5	21	18	09			03.0	C	23.06	C	23.19		*	U	0.75	00.1		
09	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		5	21	18	09			04.0	C	23.06	C	23.15		*	U	0.68	00.1		
09	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		5	21	18	09			06.0	C	23.06	C	23.17		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
09	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			00.0	C	23.06	C	23.12	U	05	U	0.92	00.6	
09	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			02.0	C	23.08	C	23.10		*	U	0.81	00.6	
09	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			03.0	C	23.06	C	23.12		*	U	0.76	00.6	
09	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			04.0	C	23.08	C	23.10		*	U	0.58	00.6	
09	07	64	00.5	LA	0003	36	57.5	76	23.7	6		6			*			06.0	C	23.08	C	23.10		*		*	*	
09	07	64	01.0	LA	0003	36	57.5	76	23.7	6		6	23	3	06			00.0	C	23.18	C	22.83	U	05	U	0.80	01.1	
09	07	64	01.0	LA	0003	36	57.5	76	23.7	6		6	23	3	06			02.0	C	23.18	C	22.84		*	U	0.75	01.1	
09	07	64	01.0	LA	0003	36	57.5	76	23.7	6		6	23	3	06			03.0	C	23.18	C	22.84		*	U	0.76	01.1	
09	07	64	01.0	LA	0003	36	57.5	76	23.7	6		6	23	3	06			04.0	C	23.18	C	22.83		*	U	0.73	01.1	
09	07	64	01.0	LA	0003	36	57.5	76	23.7	6		6	23	3	06			06.0	C	23.18	C	22.84		*		*	*	
09	07	64	01.5	LA	0003	36	57.5	76	23.7	6		6			*			00.0	C	23.24	C	22.61	U	06	U	0.78	01.6	
09	07	64	01.5	LA	0003	36	57.5	76	23.7	6		6			*			02.0	C	23.24	C	22.60		*	U	0.75	01.6	
09	07	64	01.5	LA	0003	36	57.5	76	23.7	6		6			*			03.0	C	23.24	C	22.61		*	U	0.75	01.6	
09	07	64	01.5	LA	0003	36	57.5	76	23.7	6		6			*			04.0	C	23.24	C	22.61		*	U	0.60	01.6	
09	07	64	01.5	LA	0003	36	57.5	76	23.7	6		6			*			06.0	C	23.24	C	22.61		*		*	*	
09	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		6	22	20	05			00.0	C	23.27	C	22.71	L	06	U	0.70	02.0	
09	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		6	22	20	05			02.0	C	23.28	C	22.70		*	U	0.65	02.0	
09	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		6	22	20	05			03.0	C	23.28	C	22.70		*	U	0.65	02.0	
09	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		6	22	20	05			04.0	C	23.28	C	22.69		*	U	0.55	02.0	
09	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		6	22	20	05			06.0	C	23.28	C	22.69		*		*	*	
09	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			00.0	C	23.36	C	22.49	L	06	U	0.65	02.6	
09	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			02.0	C	23.37	C	22.51		*	U	0.60	02.6	
09	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			03.0	C	23.37	C	22.51		*	U	0.52	02.6	
09	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			04.0	C	23.37	C	22.50		*	U	0.50	02.6	
09	07	64	02.5	LA	0003	36	57.5	76	23.7	6		7			*			06.0	C	23.37	C	22.52		*		*	*	
09	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		7	23	22	03			00.0	C	23.39	C	22.37	L	06	U	0.50	03.0	
09	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		7	23	22	03			02.0	C	23.40	C	22.39		*	U	0.50	03.0	
09	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		7	23	22	03			03.0	C	23.40	C	22.39		*	U	0.44	03.0	
09	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		7	23	22	03			04.0	C	23.40	C	22.39		*	U	0.55	03.0	
09	07	64	03.0	LA	0003	36	57.5	76	23.7	*6		7	23	22	03			06.0	C	23.40	C	22.39		*		*	*	
09	07	64	03.5	LA	0003	36	57.5	76	23.7	6		7			*			00.0	C	23.41	C	22.28	L	08	U	0.30	03.6	
09	07	64	03.5	LA	0003	36	57.5	76	23.7	6		7			*			02.0	C	23.42	C	22.27		*	U	0.29	03.6	
09	07	64	03.5	LA	0003	36	57.5	76	23.7	6		7			*			03.0	C	23.42	C	22.25		*	U	0.30	03.6	
09	07	64	03.5	LA	0003	36	57.5	76	23.7	6		7			*			04.0	C	23.43	C	22.27		*	U	0.26	03.6	
09	07	64	03.5	LA	0003	36	57.5	76	23.7	6		7			*			06.0	C	23.42	C	22.28		*		*	*	
09	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		7	23	23	06			00.0	C	23.42	C	22.21	L	04	U	0.16	04.0	
09	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		7	23	23	06			02.0	C	23.43	C	22.21		*	U	0.18	04.0	
09	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		7	23	23	06			03.0	C	23.44	C	22.20		*	U	0.18	04.0	
09	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		7	23	23	06			04.0	C	23.44	C	22.20		*	U	0.15	04.0	
09	07	64	04.0	LA	0003	36	57.5	76	23.7	*6		7	23	23	06			06.0	C	23.44	C	22.22		*		*	*	
09	07	64	04.5	LA	0003	36	57.5	76	23.7	6		8			*			00.0	C	23.42	C	22.20	L	23	U	0.10	04.5	
09	07	64	04.5	LA	0003	36	57.5	76	23.7	6		8			*			02.0	C	23.42	C	22.20		*	U	0.11	04.5	
09	07	64	04.5	LA	0003	36	57.5	76	23.7	6		8			*			03.0	C	23.43	C	22.19		*	U	0.13	04.5	
09	07	64	04.5	LA	0003	36	57.5	76	23.7	6		8			*			04.0	C	23.44	C	22.20		*	U	0.13	04.5	
09	07	64	04.5	LA	0003	36	57.5	76	23.7	6		8			*			06.0	C	23.44	C	22.20		*		*	*	
09	07	64	05.0	LA	0003	36	57.5	76	23.7	*6		1	22	27	05			00.0	C	23.38	C	22.25	L	23	U	0.14	05.0	
09	07	64	05.0	LA	0003	36	57.5	76	23.7	*6		1	22	27	05			02.0	C	23.40	C	22.24		*	U	0.26	05.0	
09	07	64	05.0	LA	0003	36	57.5	76	23.7	*6		1	22	27	05			03.0	C	23.40	C	22.27		*	U	0.32	05.0	
09	07	64	05.0	LA	0003	36	57.5	76	23.7	*6		1	22	27	05			04.0	C	23.40	C	22.27		*	U	0.36	05.0	
09	07	64	05.0	LA	0003	36	57.5	76	23.7	*6		1	22	27	05			06.0	C	23.41	C	22.26		*		*	*	
09	07	64	05.5	LA	0003	36	57.5	76	23.7	6		1			*			00.0	C	23.32	C	22.44	L	24	U	0.44	05.5	
09	07	64	05.5	LA	0003	36	57.5	76	23.7	6		1			*			02.0	C	23.32	C	22.44		*	U	0.45	05.5	
09	07	64	05.5	LA	0003	36	57.5	76	23.7	6		1			*			03.0	C	23.33	C	22.43		*	U	0.40	05.5	
09	07	64	05.5	LA	0003	36	57.5	76	23.7	6		1			*			04.0	C	23.33	C	22.43		*	U	0.35	05.5	
09	07	64	05.5	LA	0003	36	57.5	76	23.7	6		1			*			06.0	C	23.33	C	22.45		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
09	07	64	06.0	LA	0003	36	57.5	76	23.7	*6		2	22	26	01	1.2		00.0	C	23.08	C	22.75	L	24	U	0.65	06.2		
09	07	64	06.0	LA	0003	36	57.5	76	23.7	*6		2	22	26	01	1.2		02.0	C	23.08	C	22.75		*	U	0.65	06.2		
09	07	64	06.0	LA	0003	36	57.5	76	23.7	*6		2	22	26	01	1.2		03.0	C	23.06	C	22.77		*	U	0.60	06.2		
09	07	64	06.0	LA	0003	36	57.5	76	23.7	*6		2	22	26	01	1.2		04.0	C	23.07	C	22.79		*	U	0.55	06.2		
09	07	64	06.0	LA	0003	36	57.5	76	23.7	*6		2	22	26	01	1.2		06.0	C	23.06	C	22.80		*	U	0.50	06.2		
09	07	64	06.5	LA	0003	36	57.5	76	23.7	6		2			*			00.0	C	22.98	C	22.98	L	24	U	0.65	06.6		
09	07	64	06.5	LA	0003	36	57.5	76	23.7	6		2			*			02.0	C	22.98	C	23.01		*	U	0.60	06.6		
09	07	64	06.5	LA	0003	36	57.5	76	23.7	6		2			*			03.0	C	22.98	C	23.01		*	U	0.60	06.6		
09	07	64	06.5	LA	0003	36	57.5	76	23.7	6		2			*			04.0	C	22.98	C	23.03		*	U	0.55	06.6		
09	07	64	06.5	LA	0003	36	57.5	76	23.7	6		2			*			06.0	C	22.98	C	23.03		*	U	0.55	06.6		
09	07	64	07.0	LA	0003	36	57.5	76	23.7	*7		2	22	31	01	1.3		00.0	C	23.16	C	23.02	L	25	U	0.60	07.2		
09	07	64	07.0	LA	0003	36	57.5	76	23.7	*7		2	22	31	01	1.3		02.0	C	23.14	C	23.04		*	U	0.50	07.2		
09	07	64	07.0	LA	0003	36	57.5	76	23.7	*7		2	22	31	01	1.3		03.0	C	23.14	C	23.04		*	U	0.49	07.2		
09	07	64	07.0	LA	0003	36	57.5	76	23.7	*7		2	22	31	01	1.3		04.0	C	23.14	C	23.04		*	U	0.49	07.2		
09	07	64	07.0	LA	0003	36	57.5	76	23.7	*7		2	22	31	01	1.3		06.0	C	23.14	C	23.04		*	U	0.45	07.2		
09	07	64	07.5	LA	0003	36	57.5	76	23.7	7		2			*			00.0	C	23.12	C	23.12	L	25	U	0.65	*		
09	07	64	07.5	LA	0003	36	57.5	76	23.7	7		2			*			02.0	C	23.09	C	23.18		*	U	0.65	*		
09	07	64	07.5	LA	0003	36	57.5	76	23.7	7		2			*			03.0	C	23.07	C	23.21		*	U	0.60	*		
09	07	64	07.5	LA	0003	36	57.5	76	23.7	7		2			*			04.0	C	23.06	C	23.24		*	U	0.60	*		
09	07	64	07.5	LA	0003	36	57.5	76	23.7	7		2			*			06.0	C	23.06	C	23.24		*	U	0.55	*		
09	07	64	08.0	LA	0003	36	57.5	76	23.7	*7		3	22	31	01	1.3		00.0	C	23.08	C	23.20	L	25	U	0.60	08.1		
09	07	64	08.0	LA	0003	36	57.5	76	23.7	*7		3	22	31	01	1.3		02.0	C	23.06	C	23.19		*	U	0.50	08.1		
09	07	64	08.0	LA	0003	36	57.5	76	23.7	*7		3	22	31	01	1.3		03.0	C	23.06	C	23.22		*	U	0.50	08.1		
09	07	64	08.0	LA	0003	36	57.5	76	23.7	*7		3	22	31	01	1.3		04.0	C	23.06	C	23.22		*	U	0.49	08.1		
09	07	64	08.0	LA	0003	36	57.5	76	23.7	*7		3	22	31	01	1.3		06.0	C	23.06	C	23.24		*	U	0.45	08.1		
09	07	64	08.5	LA	0003	36	57.5	76	23.7	7		3			*			00.0	C	23.15	C	23.08	L	26	U	0.45	08.6		
09	07	64	08.5	LA	0003	36	57.5	76	23.7	7		3			*			02.0	C	23.13	C	23.08		*	U	0.47	08.7		
09	07	64	08.5	LA	0003	36	57.5	76	23.7	7		3			*			03.0	C	23.15	C	23.06		*	U	0.42	08.7		
09	07	64	08.5	LA	0003	36	57.5	76	23.7	7		3			*			04.0	C	23.14	C	23.07		*	U	0.39	08.7		
09	07	64	08.5	LA	0003	36	57.5	76	23.7	7		3			*			06.0	C	23.14	C	23.07		*	U	0.30	08.7		
09	07	64	09.0	LA	0003	36	57.5	76	23.7	*7		3	24	31	01	1.3		00.0	C	23.16	C	23.13	L	25	U	*	09.0		
09	07	64	09.0	LA	0003	36	57.5	76	23.7	*7		3	24	31	01	1.3		02.0	C	23.14	C	23.13		*	U	0.24	09.0		
09	07	64	09.0	LA	0003	36	57.5	76	23.7	*7		3	24	31	01	1.3		03.0	C	23.14	C	23.13		*	U	0.26	09.0		
09	07	64	09.0	LA	0003	36	57.5	76	23.7	*7		3	24	31	01	1.3		04.0	C	23.12	C	23.15		*	U	0.27	09.0		
09	07	64	09.0	LA	0003	36	57.5	76	23.7	*7		3	24	31	01	1.3		06.0	C	23.12	C	23.15		*	U	0.19	09.0		
09	07	64	09.5	LA	0003	36	57.5	76	23.7	7		4			*			00.0	C	23.11	C	23.23	L	25	U	0.06	09.5		
09	07	64	09.5	LA	0003	36	57.5	76	23.7	7		4			*			02.0	C	23.09	C	23.24		*	U	0.07	09.5		
09	07	64	09.5	LA	0003	36	57.5	76	23.7	7		4			*			03.0	C	23.08	C	23.28		*	U	0.16	09.5		
09	07	64	09.5	LA	0003	36	57.5	76	23.7	7		4			*			04.0	C	23.07	C	23.29		*	U	0.14	09.5		
09	07	64	09.5	LA	0003	36	57.5	76	23.7	7		4			*			06.0	C	23.08	C	23.29		*	U	0.12	09.5		
09	07	64	10.0	LA	0003	36	57.5	76	23.7	6		4	27		00	1.6		00.0	C	23.18	C	23.28	U	00	U	0.00	10.1		
09	07	64	10.0	LA	0003	36	57.5	76	23.7	6		4	27		00	1.6		02.0	C	23.04	C	23.32		*	U	0.00	10.1		
09	07	64	10.0	LA	0003	36	57.5	76	23.7	6		4	27		00	1.6		03.0	C	23.02	C	23.32		*	U	0.01	10.1		
09	07	64	10.0	LA	0003	36	57.5	76	23.7	6		4	27		00	1.6		04.0	C	23.02	C	23.36		*	U	0.01	10.1		
09	07	64	10.0	LA	0003	36	57.5	76	23.7	6		4	27		00	1.6		06.0	C	22.94	C	23.40		*		*	*		
09	07	64	10.5	LA	0003	36	57.5	76	23.7	6		5			*	1.8		00.0	C	23.90	C	23.36	U	07	U	0.15	10.6		
09	07	64	10.5	LA	0003	36	57.5	76	23.7	6		5			*	1.8		02.0	C	23.34	C	23.24		*	U	0.17	10.6		
09	07	64	10.5	LA	0003	36	57.5	76	23.7	6		5			*	1.8		03.0	C	23.34	C	23.26		*	U	0.18	10.6		
09	07	64	10.5	LA	0003	36	57.5	76	23.7	6		5			*	1.8		04.0	C	23.10	C	23.36		*	U	0.20	10.6		
09	07	64	10.5	LA	0003	36	57.5	76	23.7	6		5			*	1.8		06.0	C	23.02	C	23.36		*		*	*		
09	07	64	11.0	LA	0003	36	57.5	76	23.7	*6		5	30	29	03	1.9		00.0	C	23.88	C	23.32	U	03	U	0.25	11.1		
09	07	64	11.0	LA	0003	36	57.5	76	23.7	*6		5	30	29	03	1.9		02.0	C	23.80	C	23.43		*	U	0.27	11.1		
09	07	64	11.0	LA	0003	36	57.5	76	23.7	*6		5	30	29	03	1.9		03.0	C	23.70	C	23.34		*	U	0.27	11.1		
09	07	64	11.0	LA	0003	36	57.5	76	23.7	*6		5	30	29	03	1.9		04.0	C	23.40	C	23.37		*	U	0.21	11.1		
09	07	64	11.0	LA	0003	36	57.5	76	23.7	*6		5	30	29	03	1.9		06.0	C	23.06	C	23.35		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
09	07	64	11.5	LA	0003	36	57.5	76	23.7	6		5	29	8	03	1.6		00.0	C	24.16	C	23.24	U	06	U	0.53	11.6		
09	07	64	11.5	LA	0003	36	57.5	76	23.7	6		5	29	8	03	1.6		02.0	C	23.36	C	23.18		*	U	0.50	11.6		
09	07	64	11.5	LA	0003	36	57.5	76	23.7	6		5	29	8	03	1.6		03.0	C	23.30	C	23.24		*	U	0.50	11.6		
09	07	64	11.5	LA	0003	36	57.5	76	23.7	6		5	29	8	03	1.6		04.0	C	23.26	C	23.20		*	U	0.32	11.6		
09	07	64	11.5	LA	0003	36	57.5	76	23.7	6		5	29	8	03	1.6		06.0	C	23.16	C	23.29		*		*	*		
09	07	64	12.0	LA	0003	36	57.5	76	23.7	LA		5	28	28	01	1.4		00.0	C	23.68	C	22.70	U	06	U	0.75	12.1		
09	07	64	12.0	LA	0003	36	57.5	76	23.7	LA		5	28	28	01	1.4		02.0	C	23.44	C	22.89		*	U	0.60	12.1		
09	07	64	12.0	LA	0003	36	57.5	76	23.7	LA		5	28	28	01	1.4		03.0	C	23.36	C	22.97		*	U	0.61	12.1		
09	07	64	12.0	LA	0003	36	57.5	76	23.7	LA		5	28	28	01	1.4		04.0	C	23.34	C	22.98		*	U	0.32	12.1		
09	07	64	12.0	LA	0003	36	57.5	76	23.7	LA		5	28	28	01	1.4		06.0	C	23.34	C	22.99		*		*	*		
09	07	64	12.5	LA	0003	36	57.5	76	23.7	6		6			*	1.0		00.0	C	23.80	C	23.18	U	06	U	0.75	12.6		
09	07	64	12.5	LA	0003	36	57.5	76	23.7	6		6			*	1.0		02.0	C	23.56	C	22.64		*	U	0.61	12.6		
09	07	64	12.5	LA	0003	36	57.5	76	23.7	6		6			*	1.0		03.0	C	23.52	C	22.65		*	U	0.51	12.6		
09	07	64	12.5	LA	0003	36	57.5	76	23.7	6		6			*	1.0		04.0	C	23.52	C	22.68		*	U	0.50	12.6		
09	07	64	12.5	LA	0003	36	57.5	76	23.7	6		6			*	1.0		06.0	C	23.48	C	22.69		*		*	*		
09	07	64	13.0	LA	0003	36	57.5	76	23.7	6		6	31	8	02	1.4		00.0	C	23.94	C	22.30		*	U	0.76	13.1		
09	07	64	13.0	LA	0003	36	57.5	76	23.7	6		6	31	8	02	1.4		02.0	C	23.70	C	22.47		*	U	0.75	13.1		
09	07	64	13.0	LA	0003	36	57.5	76	23.7	6		6	31	8	02	1.4		03.0	C	23.60	C	22.54		*	U	0.60	13.1		
09	07	64	13.0	LA	0003	36	57.5	76	23.7	6		6	31	8	02	1.4		04.0	C	23.58	C	22.56		*	U	0.49	13.1		
09	07	64	13.0	LA	0003	36	57.5	76	23.7	6		6	31	8	02	1.4		06.0	C	23.58	C	22.58		*		*	*		
09	07	64	13.5	LA	0003	36	57.5	76	23.7	6		6			*	1.2		00.0	C	23.74	C	22.49	U	06	U	0.71	13.7		
09	07	64	13.5	LA	0003	36	57.5	76	23.7	6		6			*	1.2		02.0	C	23.58	C	22.58		*	U	0.58	13.7		
09	07	64	13.5	LA	0003	36	57.5	76	23.7	6		6			*	1.2		03.0	C	23.58	C	22.59		*	U	0.50	13.7		
09	07	64	13.5	LA	0003	36	57.5	76	23.7	6		6			*	1.2		04.0	C	23.56	C	22.60		*	U	0.33	13.7		
09	07	64	13.5	LA	0003	36	57.5	76	23.7	6		6			*	1.2		06.0	C	23.54	C	22.62		*		*	*		
09	07	64	14.0	LA	0003	36	57.5	76	23.7	6		7	28	7	03	1.3		00.0	C	23.49	C	22.64	U	06	U	0.65	14.0		
09	07	64	14.0	LA	0003	36	57.5	76	23.7	6		7	28	7	03	1.3		02.0	C	23.48	C	22.59		*	U	0.60	14.0		
09	07	64	14.0	LA	0003	36	57.5	76	23.7	6		7	28	7	03	1.3		03.0	C	23.48	C	22.59		*	U	0.60	14.0		
09	07	64	14.0	LA	0003	36	57.5	76	23.7	6		7	28	7	03	1.3		04.0	C	23.47	C	22.60		*	U	0.50	14.0		
09	07	64	14.0	LA	0003	36	57.5	76	23.7	6		7	28	7	03	1.3		05.0	C	23.46	C	22.61		*		*	*		
09	07	64	14.5	LA	0003	36	57.5	76	23.7	6		7			*			00.0	C	23.47	C	22.56	L	07	U	0.55	14.6		
09	07	64	14.5	LA	0003	36	57.5	76	23.7	6		7			*			02.0	C	23.44	C	22.57		*	U	0.50	14.6		
09	07	64	14.5	LA	0003	36	57.5	76	23.7	6		7			*			03.0	C	23.43	C	22.58		*	U	0.48	14.6		
09	07	64	14.5	LA	0003	36	57.5	76	23.7	6		7			*			04.0	C	23.43	C	22.58		*	U	0.49	14.6		
09	07	64	14.5	LA	0003	36	57.5	76	23.7	6		7			*			05.0	C	23.43	C	22.58		*	U	0.29	14.6		
09	07	64	15.0	LA	0003	36	57.5	76	23.7	6		7	28	6	04	1.2		00.0	C	23.49	C	22.49	L	05	U	0.40	15.1		
09	07	64	15.0	LA	0003	36	57.5	76	23.7	6		7	28	6	04	1.2		02.0	C	23.48	C	22.50		*	U	0.29	15.1		
09	07	64	15.0	LA	0003	36	57.5	76	23.7	6		7	28	6	04	1.2		03.0	C	23.47	C	22.51		*	U	0.36	15.1		
09	07	64	15.0	LA	0003	36	57.5	76	23.7	6		7	28	6	04	1.2		04.0	C	23.46	C	22.51		*	U	0.25	15.1		
09	07	64	15.0	LA	0003	36	57.5	76	23.7	6		7	28	6	04	1.2		05.0	C	23.46	C	22.51		*	U	0.14	15.1		
09	07	64	15.5	LA	0003	36	57.5	76	23.7	6		7			*			00.0	C	23.82	C	22.32	L	07	U	0.27	15.6		
09	07	64	15.5	LA	0003	36	57.5	76	23.7	6		7			*			02.0	C	23.45	C	22.55		*	U	0.21	15.6		
09	07	64	15.5	LA	0003	36	57.5	76	23.7	6		7			*			03.0	C	23.42	C	22.56		*	U	0.16	15.6		
09	07	64	15.5	LA	0003	36	57.5	76	23.7	6		7			*			04.0	C	23.42	C	22.56		*	U	0.14	15.5		
09	07	64	15.5	LA	0003	36	57.5	76	23.7	6		7			*			05.0	C	23.41	C	22.57		*	U	0.14	15.5		
09	07	64	16.0	LA	0003	36	57.5	76	23.7	6		8	27	7	02	1.3		00.0	C	23.74	C	22.34	L	29	U	0.11	16.1		
09	07	64	16.0	LA	0003	36	57.5	76	23.7	6		8	27	7	02	1.3		02.0	C	23.53	C	22.48		*	U	0.20	16.1		
09	07	64	16.0	LA	0003	36	57.5	76	23.7	6		8	27	7	02	1.3		03.0	C	23.43	C	22.58		*	U	0.23	16.2		
09	07	64	16.0	LA	0003	36	57.5	76	23.7	6		8	27	7	02	1.3		04.0	C	23.42	C	22.78		*	U	0.21	16.2		
09	07	64	16.0	LA	0003	36	57.5	76	23.7	6		8	27	7	02	1.3		05.0	C	23.41	C	22.60		*	U	0.17	16.2		
09	07	64	16.5	LA	0003	36	57.5	76	23.7	6		1			*			00.0	C	23.62	C	22.46	L	25	U	0.34	16.6		
09	07	64	16.5	LA	0003	36	57.5	76	23.7	6		1			*			02.0	C	23.50	C	22.51		*	U	0.34	16.6		
09	07	64	16.5	LA	0003	36	57.5	76	23.7	6		1			*			03.0	C	23.48	C	22.52		*	U	0.36	16.6		
09	07	64	16.5	LA	0003	36	57.5	76	23.7	6		1			*			04.0	C	23.44	C	22.56		*	U	0.28	16.5		
09	07	64	16.5	LA	0003	36	57.5	76	23.7	6		1			*			05.0	C	23.44	C	22.57		*	U	0.25	16.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC			
09	07	64	17.0	LA	0003	36	57.5	76	23.7	6		1	25	9	06	1.3		00.0	C	23.53	C	22.53	L	25	U	0.55	17.1		
09	07	64	17.0	LA	0003	36	57.5	76	23.7	6		1	25	9	06	1.3		02.0	C	23.52	C	22.59		*	U	0.55	17.1		
09	07	64	17.0	LA	0003	36	57.5	76	23.7	6		1	25	9	06	1.3		03.0	C	23.52	C	22.65		*	U	0.50	17.1		
09	07	64	17.0	LA	0003	36	57.5	76	23.7	6		1	25	9	06	1.3		04.0	C	23.51	C	22.68		*	U	0.49	17.1		
09	07	64	17.0	LA	0003	36	57.5	76	23.7	6		1	25	9	06	1.3		05.0	C	23.51	C	22.69		*	U	0.44	17.1		
09	07	64	17.5	LA	0003	36	57.5	76	23.7	6		*			*			00.0	C	23.71	C	22.28	L	25		*	*		
09	07	64	17.5	LA	0003	36	57.5	76	23.7	6		*			*			02.0	C	23.66	C	22.54		*	U	0.60	17.5		
09	07	64	17.5	LA	0003	36	57.5	76	23.7	6		*			*			03.0	C	23.66	C	22.56		*	U	0.65	17.5		
09	07	64	17.5	LA	0003	36	57.5	76	23.7	6		*			*			04.0	C	23.66	C	22.57		*	U	0.40	17.5		
09	07	64	17.5	LA	0003	36	57.5	76	23.7	6		*			*			06.0	C	23.66	C	22.62		*	U	0.50	17.5		
09	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		1	25	11	07			00.0	C	23.60	C	22.85	L	26	U	0.60	18.1		
09	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		1	25	11	07			02.0	C	23.60	C	22.85		*	U	0.60	18.1		
09	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		1	25	11	07			03.0	C	23.60	C	22.85		*	U	0.60	18.1		
09	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		1	25	11	07			04.0	C	23.60	C	22.87		*	U	0.60	18.2		
09	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		1	25	11	07			05.0	C	23.58	C	22.89		*	U	0.50	18.2		
09	07	64	18.0	LA	0003	36	57.5	76	23.7	*6		1	25	11	07			06.0	C	23.58	C	22.89		*		*	18.2		
09	07	64	18.5	LA	0003	36	57.5	76	23.7	6		1			*			00.0	C	23.54	C	22.97	L	26	U	0.75	18.6		
09	07	64	18.5	LA	0003	36	57.5	76	23.7	6		1			*			02.0	C	23.55	C	22.96		*	U	0.60	18.6		
09	07	64	18.5	LA	0003	36	57.5	76	23.7	6		1			*			03.0	C	23.56	C	22.98		*	U	0.50	18.6		
09	07	64	18.5	LA	0003	36	57.5	76	23.7	6		1			*			04.0	C	23.56	C	22.98		*	U	0.50	18.7		
09	07	64	18.5	LA	0003	36	57.5	76	23.7	6		1			*			05.0	C	23.55	C	22.99		*	U	0.50	18.7		
09	07	64	18.5	LA	0003	36	57.5	76	23.7	6		1			*			06.0	C	23.56	C	22.98		*		*	*		
09	07	64	19.0	LA	0003	36	57.5	76	23.7	6		1	25	9	01			00.0	C	23.52	C	23.14	L	26	U	0.70	19.0		
09	07	64	19.0	LA	0003	36	57.5	76	23.7	6		1	25	9	01			02.0	C	23.54	C	23.13		*	U	0.70	19.0		
09	07	64	19.0	LA	0003	36	57.5	76	23.7	6		1	25	9	01			03.0	C	23.54	C	23.13		*	U	0.75	19.1		
09	07	64	19.0	LA	0003	36	57.5	76	23.7	6		1	25	9	01			04.0	C	23.54	C	23.12		*	U	0.60	19.1		
09	07	64	19.0	LA	0003	36	57.5	76	23.7	6		1	25	9	01			05.0	C	23.54	C	23.13		*	U	0.60	19.1		
09	07	64	19.0	LA	0003	36	57.5	76	23.7	6		1	25	9	01			06.0	C	23.54	C	23.13		*		*	*		
09	07	64	19.5	LA	0003	36	57.5	76	23.7	6		2			*			00.0	C	23.44	C	22.98	L	26	U	0.75	19.6		
09	07	64	19.5	LA	0003	36	57.5	76	23.7	6		2			*			02.0	C	23.46	C	23.11		*	U	0.65	19.6		
09	07	64	19.5	LA	0003	36	57.5	76	23.7	6		2			*			03.0	C	23.46	C	23.08		*	U	0.65	19.6		
09	07	64	19.5	LA	0003	36	57.5	76	23.7	6		2			*			04.0	C	23.46	C	23.09		*	U	0.62	19.7		
09	07	64	19.5	LA	0003	36	57.5	76	23.7	6		2			*			05.0						*	U	0.60	19.7		
09	07	64	19.5	LA	0003	36	57.5	76	23.7	6		2			*			06.0	C	23.47	C	23.11		*		*	19.7		
09	07	64	20.0	LA	0003	36	57.5	76	23.7	*6		2	23	14	01			00.0	C	23.45	C	23.05	L	26	U	0.65	20.1		
09	07	64	20.0	LA	0003	36	57.5	76	23.7	*6		2	23	14	01			02.0	C	23.48	C	23.05		*	U	0.60	20.1		
09	07	64	20.0	LA	0003	36	57.5	76	23.7	*6		2	23	14	01			03.0	C	23.47	C	23.07		*	U	0.55	20.1		
09	07	64	20.0	LA	0003	36	57.5	76	23.7	*6		2	23	14	01			04.0	C	23.47	C	23.06		*	U	0.50	20.1		
09	07	64	20.0	LA	0003	36	57.5	76	23.7	*6		2	23	14	01			05.0						*	U	0.50	20.2		
09	07	64	20.0	LA	0003	36	57.5	76	23.7	*6		2	23	14	01			06.0	C	23.47	C	23.07		*		*	20.2		
09	07	64	20.5	LA	0003	36	57.5	76	23.7	6		3			*			00.0	C	23.37	C	23.10	L	26	U	0.55	20.6		
09	07	64	20.5	LA	0003	36	57.5	76	23.7	6		3			*			02.0	C	23.37	C	23.11		*	U	0.50	20.6		
09	07	64	20.5	LA	0003	36	57.5	76	23.7	6		3			*			03.0	C	23.38	C	23.10		*	U	0.45	20.6		
09	07	64	20.5	LA	0003	36	57.5	76	23.7	6		3			*			04.0	C	23.37	C	23.12		*	U	0.40	20.6		
09	07	64	20.5	LA	0003	36	57.5	76	23.7	6		3			*			05.0						*	U	0.38	20.6		
09	07	64	20.5	LA	0003	36	57.5	76	23.7	6		3			*			06.0	C	23.37	C	23.12		*		*	*		
09	07	64	21.0	LA	0003	36	57.5	76	23.7	*6		3	22	16	01			00.0	C	23.26	C	23.29	L	26	U	0.40	21.1		
09	07	64	21.0	LA	0003	36	57.5	76	23.7	*6		3	22	16	01			02.0	C	23.26	C	23.36		*	U	0.45	21.1		
09	07	64	21.0	LA	0003	36	57.5	76	23.7	*6		3	22	16	01			03.0	C	23.26	C	23.33		*	U	0.38	21.1		
09	07	64	21.0	LA	0003	36	57.5	76	23.7	*6		3	22	16	01			04.0	C	23.26	C	23.35		*	U	0.40	21.1		
09	07	64	21.0	LA	0003	36	57.5	76	23.7	*6		3	22	16	01			05.0						*	U	0.30	21.1		
09	07	64	21.0	LA	0003	36	57.5	76	23.7	*6		3	22	16	01			06.0	C	23.26	C	23.36		*		*	*		
09	07	64	21.5	LA	0003	36	57.5	76	23.7	6		3			*			00.0	C	23.24	C	23.44	L	26	U	0.30	21.5		
09	07	64	21.5	LA	0003	36	57.5	76	23.7	6		3			*			02.0	C	23.26	C	23.44		*	U	0.30	21.5		
09	07	64	21.5	LA	0003	36	57.5	76	23.7	6		3			*			03.0	C	23.25	C	23.45		*	U	0.30	21.5		
09	07	64	21.5	LA	0003	36	57.5	76	23.7	6		3			*			04.0	C	23.26	C	23.44		*	U	0.35	21.5		
09	07	64	21.5	LA	0003	36	57.5	76	23.7	6		3			*			05.0						*	U	0.35	21.6		
09	07	64	21.5	LA	0003	36	57.5	76	23.7	6		3			*			06.0	C	23.26	C	23.44		*		*	21.6		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
09	07	64	22.0	LA	0003	36	57.5	76	23.7	6		4	22	8	00			00.0	C	23.24	C	23.47	U	25	U	0.14	22.2		
09	07	64	22.0	LA	0003	36	57.5	76	23.7	6		4	22	8	00			02.0	C	23.24	C	23.50		*	U	0.16	22.2		
09	07	64	22.0	LA	0003	36	57.5	76	23.7	6		4	22	8	00			03.0	C	23.26	C	23.51		*	U	0.16	22.2		
09	07	64	22.0	LA	0003	36	57.5	76	23.7	6		4	22	8	00			04.0	C	23.24	C	23.51		*	U	0.18	22.2		
09	07	64	22.0	LA	0003	36	57.5	76	23.7	6		4	22	8	00			06.0	C	23.24	C	23.51		*		*	*		
09	07	64	22.5	LA	0003	36	57.5	76	23.7	6		4			*			00.0	C	23.30	C	23.57	U	25	U	0.01	22.6		
09	07	64	22.5	LA	0003	36	57.5	76	23.7	6		4			*			02.0	C	23.30	C	23.56		*	U	0.07	22.6		
09	07	64	22.5	LA	0003	36	57.5	76	23.7	6		4			*			03.0	C	23.30	C	23.56		*	U	0.08	22.6		
09	07	64	22.5	LA	0003	36	57.5	76	23.7	6		4			*			04.0	C	23.30	C	23.56		*	U	0.07	22.6		
09	07	64	22.5	LA	0003	36	57.5	76	23.7	6		4			*			06.0	C	23.32	C	23.55		*		*	*		
09	07	64	23.0	LA	0003	36	57.5	76	23.7	6		4	22		00			00.0	C	23.36	C	23.59	U	*	U	0.00	23.1		
09	07	64	23.0	LA	0003	36	57.5	76	23.7	6		4	22		00			02.0	C	23.36	C	23.59		*	U	0.00	23.1		
09	07	64	23.0	LA	0003	36	57.5	76	23.7	6		4	22		00			03.0	C	23.36	C	23.57		*	U	0.00	23.1		
09	07	64	23.0	LA	0003	36	57.5	76	23.7	6		4	22		00			04.0	C	23.36	C	23.57		*	U	0.00	23.1		
09	07	64	23.0	LA	0003	36	57.5	76	23.7	6		4	22		00			06.0	C	23.36	C	23.59		*		*	*		
09	07	64	23.5	LA	0003	36	57.5	76	23.7	6		5			*			00.0	C	23.22	C	23.34	U	06	U	0.18	23.6		
09	07	64	23.5	LA	0003	36	57.5	76	23.7	6		5			*			02.0	C	23.26	C	23.39		*	U	0.20	23.6		
09	07	64	23.5	LA	0003	36	57.5	76	23.7	6		5			*			03.0	C	23.30	C	23.49		*	U	0.21	23.6		
09	07	64	23.5	LA	0003	36	57.5	76	23.7	6		5			*			04.0	C	23.36	C	23.05		*	U	0.18	23.6		
09	07	64	23.5	LA	0003	36	57.5	76	23.7	6		5			*			06.0	C	23.36	C	23.60		*		*	*		
10	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		5	22	15	00			06.0	C	23.26	C	23.70		*		*	*		
10	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		5	22	15	00			00.0	C	23.34	C	23.23	U	06	U	0.50	00.1		
10	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		5	22	15	00			02.0	C	23.26	C	23.45		*	U	0.50	00.1		
10	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		5	22	15	00			03.0	C	23.28	C	23.56		*	U	0.35	00.1		
10	07	64	00.0	LA	0003	36	57.5	76	23.7	*6		5	22	15	00			04.0	C	23.28	C	23.65		*	U	0.31	00.1		
10	07	64	00.5	LA	0003	36	57.5	76	23.7	6		5			*			00.0	C	23.34	C	23.37	U	06	U	0.72	00.6		
10	07	64	00.5	LA	0003	36	57.5	76	23.7	6		5			*			02.0	C	23.26	C	23.49		*	U	0.58	00.6		
10	07	64	00.5	LA	0003	36	57.5	76	23.7	6		5			*			03.0	C	23.24	C	23.54		*	U	0.61	00.6		
10	07	64	00.5	LA	0003	36	57.5	76	23.7	6		5			*			04.0	C	23.22	C	23.59		*	U	0.51	00.6		
10	07	64	00.5	LA	0003	36	57.5	76	23.7	6		5			*			06.0	C	23.20	C	23.61		*		*	*		
10	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		5	22	19	01			00.0	C	23.36	C	23.19	U	06	U	0.86	01.1		
10	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		5	22	19	01			02.0	C	23.36	C	23.21		*	U	0.72	01.1		
10	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		5	22	19	01			03.0	C	23.36	C	23.22		*	U	0.75	01.1		
10	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		5	22	19	01			04.0	C	23.36	C	23.22		*	U	0.60	01.1		
10	07	64	01.0	LA	0003	36	57.5	76	23.7	*6		5	22	19	01			06.0	C	23.34	C	23.26		*		*	*		
10	07	64	01.5	LA	0003	36	57.5	76	23.7	6		5			*			00.0	C	23.34	C	23.10	U	07	U	0.77	01.6		
10	07	64	01.5	LA	0003	36	57.5	76	23.7	6		5			*			02.0	C	23.34	C	23.11		*	U	0.70	01.6		
10	07	64	01.5	LA	0003	36	57.5	76	23.7	6		5			*			03.0	C	23.34	C	23.11		*	U	0.72	01.6		
10	07	64	01.5	LA	0003	36	57.5	76	23.7	6		5			*			04.0	C	23.34	C	23.11		*	U	0.60	01.6		
10	07	64	01.5	LA	0003	36	57.5	76	23.7	6		5			*			06.0	C	23.34	C	23.11		*		*	*		
10	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		5	22	34	01			00.0	C	23.38	C	22.98	U	07	U	0.65	02.1		
10	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		5	22	34	01			02.0	C	23.39	C	22.97		*	U	0.70	02.1		
10	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		5	22	34	01			03.0	C	23.39	C	22.97		*	U	0.70	02.0		
10	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		5	22	34	01			04.0	C	23.39	C	22.97		*	U	0.60	02.0		
10	07	64	02.0	LA	0003	36	57.5	76	23.7	*6		5	22	34	01			06.0	C	23.40	C	22.96		*		*	*		
10	07	64	02.5	LA	0003	36	57.5	76	23.7	6		6			*			00.0	C	23.42	C	23.03	L	07	U	0.70	02.5		
10	07	64	02.5	LA	0003	36	57.5	76	23.7	6		6			*			02.0	C	23.43	C	23.02		*	U	0.65	02.5		
10	07	64	02.5	LA	0003	36	57.5	76	23.7	6		6			*			03.0	C	23.43	C	23.02		*	U	0.60	02.5		
10	07	64	02.5	LA	0003	36	57.5	76	23.7	6		6			*			04.0	C	23.44	C	23.03		*	U	0.65	02.6		
10	07	64	02.5	LA	0003	36	57.5	76	23.7	6		6			*			05.0						*	U	0.50	02.6		
10	07	64	02.5	LA	0003	36	57.5	76	23.7	6		6			*			06.0	C	23.44	C	23.03		*		*	*		
10	07	64	03.0	LA	0003	36	57.5	76	23.7	6		7	22	1	01			00.0	C	23.44	C	22.98	L	06	U	0.60	03.0		
10	07	64	03.0	LA	0003	36	57.5	76	23.7	6		7	22	1	01			02.0	C	23.44	C	22.98		*	U	0.60	03.0		
10	07	64	03.0	LA	0003	36	57.5	76	23.7	6		7	22	1	01			03.0	C	23.45	C	22.97		*	U	0.55	03.0		
10	07	64	03.0	LA	0003	36	57.5	76	23.7	6		7	22	1	01			04.0	C	23.45	C	22.97		*	U	0.50	03.0		
10	07	64	03.0	LA	0003	36	57.5	76	23.7	6		7	22	1	01			05.0						*	U	0.55	03.1		
10	07	64	03.0	LA	0003	36	57.5	76	23.7	6		7	22	1	01			06.0	C	23.45	C	22.97		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
10	07	64	03.5	LA	0003	36	57.5	76	23.7	6		7			*			00.0	C	23.50	C	22.86	L	06	U	0.50	03.5	
10	07	64	03.5	LA	0003	36	57.5	76	23.7	6		7			*			02.0	C	23.50	C	22.88		*	U	0.55	03.5	
10	07	64	03.5	LA	0003	36	57.5	76	23.7	6		7			*			03.0	C	23.50	C	22.88		*	U	0.50	03.5	
10	07	64	03.5	LA	0003	36	57.5	76	23.7	6		7			*			04.0	C	23.50	C	22.88		*	U	0.46	03.5	
10	07	64	03.5	LA	0003	36	57.5	76	23.7	6		7			*			05.0						*	U	0.50	03.6	
10	07	64	03.5	LA	0003	36	57.5	76	23.7	6		7			*			06.0	C	23.50	C	22.88		*		*	*	
10	07	64	04.0	LA	0003	36	57.5	76	23.7	6		7	22	3	01			00.0	C	23.54	C	22.74	L	06	U	0.40	04.0	
10	07	64	04.0	LA	0003	36	57.5	76	23.7	6		7	22	3	01			02.0	C	23.56	C	22.73		*	U	0.40	04.1	
10	07	64	04.0	LA	0003	36	57.5	76	23.7	6		7	22	3	01			03.0	C	23.56	C	22.73		*	U	0.40	04.1	
10	07	64	04.0	LA	0003	36	57.5	76	23.7	6		7	22	3	01			04.0	C	23.56	C	22.73		*	U	0.30	04.1	
10	07	64	04.0	LA	0003	36	57.5	76	23.7	6		7	22	3	01			05.0						*	U	0.30	04.1	
10	07	64	04.0	LA	0003	36	57.5	76	23.7	6		7	22	3	01			06.0	C	23.56	C	22.76		*		*	*	
10	07	64	04.5	LA	0003	36	57.5	76	23.7	6		7			*			00.0	C	23.58	C	22.65	L	07	U	0.30	04.5	
10	07	64	04.5	LA	0003	36	57.5	76	23.7	6		7			*			02.0	C	23.58	C	22.65		*	U	0.30	04.5	
10	07	64	04.5	LA	0003	36	57.5	76	23.7	6		7			*			03.0	C	23.58	C	22.65		*	U	0.20	04.5	
10	07	64	04.5	LA	0003	36	57.5	76	23.7	6		7			*			04.0	C	23.58	C	22.65		*	U	0.30	04.5	
10	07	64	04.5	LA	0003	36	57.5	76	23.7	6		7			*			05.0						*	U	0.20	04.5	
10	07	64	04.5	LA	0003	36	57.5	76	23.7	6		7			*			06.0	C	23.58	C	22.67		*		*	*	
10	07	64	05.0	LA	0003	36	57.5	76	23.7	6		8	22	5	06			00.0	C	23.58	C	23.34	L	00	D	0.10	05.0	
10	07	64	05.0	LA	0003	36	57.5	76	23.7	6		8	22	5	06			02.0	C	23.60	C	23.34		*	U	0.10	05.0	
10	07	64	05.0	LA	0003	36	57.5	76	23.7	6		8	22	5	06			03.0	C	23.60	C	23.34		*	U	0.10	05.0	
10	07	64	05.0	LA	0003	36	57.5	76	23.7	6		8	22	5	06			04.0	C	23.60	C	23.34		*	U	0.00	05.0	
10	07	64	05.0	LA	0003	36	57.5	76	23.7	6		8	22	5	06			05.0						*	U	0.00	05.0	
10	07	64	05.0	LA	0003	36	57.5	76	23.7	6		8	22	5	06			06.0	C	23.60	C	23.34		*		*	*	
10	07	64	05.5	LA	0003	36	57.5	76	23.7	6		1			*			00.0	C	23.58	C	22.64	L	23	U	0.20	05.5	
10	07	64	05.5	LA	0003	36	57.5	76	23.7	6		1			*			02.0	C	23.58	C	22.67		*	U	0.20	05.5	
10	07	64	05.5	LA	0003	36	57.5	76	23.7	6		1			*			03.0	C	23.58	C	22.65		*	U	0.20	05.5	
10	07	64	05.5	LA	0003	36	57.5	76	23.7	6		1			*			04.0	C	23.58	C	22.65		*	U	0.20	05.5	
10	07	64	05.5	LA	0003	36	57.5	76	23.7	6		1			*			05.0						*	U	0.20	05.5	
10	07	64	05.5	LA	0003	36	57.5	76	23.7	6		1			*			06.0	C	23.58	C	22.65		*		*	*	
10	07	64	06.0	LA	0003	36	57.5	76	23.7	6		1	23	4	00			00.0	C	23.54	C	23.41	L	23	V	0.40	06.0	
10	07	64	06.0	LA	0003	36	57.5	76	23.7	6		1	23	4	00			02.0	C	23.54	C	23.44		*	V	0.40	06.0	
10	07	64	06.0	LA	0003	36	57.5	76	23.7	6		1	23	4	00			03.0	C	23.54	C	23.43		*	V	0.30	06.0	
10	07	64	06.0	LA	0003	36	57.5	76	23.7	6		1	23	4	00			04.0	C	23.54	C	23.46		*	V	0.30	06.0	
10	07	64	06.0	LA	0003	36	57.5	76	23.7	6		1	23	4	00			05.0						*	V	0.20	06.0	
10	07	64	06.0	LA	0003	36	57.5	76	23.7	6		1	23	4	00			06.0	C	23.54	C	23.46		*		*	*	
10	07	64	06.5	LA	0003	36	57.5	76	23.7	6		1			*			00.0	C	23.32	C	22.98	L	25	V	0.50	*	
10	07	64	06.5	LA	0003	36	57.5	76	23.7	6		1			*			02.0	C	23.32	C	23.01		*	V	0.55	*	
10	07	64	06.5	LA	0003	36	57.5	76	23.7	6		1			*			03.0	C	23.32	C	23.03		*	V	0.55	*	
10	07	64	06.5	LA	0003	36	57.5	76	23.7	6		1			*			04.0	C	23.30	C	23.04		*	V	0.55	*	
10	07	64	06.5	LA	0003	36	57.5	76	23.7	6		1			*			05.0						*	V	0.49	*	
10	07	64	06.5	LA	0003	36	57.5	76	23.7	6		1			*			06.0	C	23.30	C	23.03		*		*	*	
10	07	64	07.0	LA	0003	36	57.5	76	23.7	6		2	23	9	06			00.0	C	23.24	C	23.09	L	26	V	0.55	*	
10	07	64	07.0	LA	0003	36	57.5	76	23.7	6		2	23	9	06			02.0	C	23.24	C	23.09		*	V	0.60	*	
10	07	64	07.0	LA	0003	36	57.5	76	23.7	6		2	23	9	06			03.0	C	23.24	C	23.09		*	V	0.55	*	
10	07	64	07.0	LA	0003	36	57.5	76	23.7	6		2	23	9	06			04.0	C	23.24	C	23.09		*	V	0.55	*	
10	07	64	07.0	LA	0003	36	57.5	76	23.7	6		2	23	9	06			05.0						*	V	0.55	*	
10	07	64	07.0	LA	0003	36	57.5	76	23.7	6		2	23	9	06			06.0	C	23.22	C	23.08		*		*	*	
10	07	64	07.5	LA	0003	36	57.5	76	23.7	6		2			*			00.0	C	23.17	C	23.39	L	26	V	0.65	*	
10	07	64	07.5	LA	0003	36	57.5	76	23.7	6		2			*			02.0	C	23.16	C	23.40		*	V	0.60	*	
10	07	64	07.5	LA	0003	36	57.5	76	23.7	6		2			*			03.0	C	23.16	C	23.40		*	V	0.60	*	
10	07	64	07.5	LA	0003	36	57.5	76	23.7	6		2			*			04.0	C	23.16	C	23.40		*	V	0.55	*	
10	07	64	07.5	LA	0003	36	57.5	76	23.7	6		2			*			05.0						*	V	0.50	*	
10	07	64	07.5	LA	0003	36	57.5	76	23.7	6		2			*			06.0	C	23.15	C	23.41		*		*	*	
10	07	64	08.0	LA	0003	36	57.5	76	23.7	6		2	24	7	05	1.3		00.0	C	23.20	C	23.38	L	26	V	0.60	*	
10	07	64	08.0	LA	0003	36	57.5	76	23.7	6		2	24	7	05	1.3		02.0	C	23.20	C	23.36		*	V	0.55	*	
10	07	64	08.0	LA	0003	36	57.5	76	23.7	6		2	24	7	05	1.3		03.0	C	23.20	C	23.35		*	V	0.50	*	
10	07	64	08.0	LA	0003	36	57.5	76	23.7	6		2	24	7	05	1.3		04.0	C	23.20	C	23.35		*	V	0.49	*	
10	07	64	08.0	LA	0003	36	57.5	76	23.7	6		2	24	7	05	1.3		05.0						*	V	0.48	*	
10	07	64	08.0	LA	0003	36	57.5	76	23.7	6		2	24	7	05	1.3		06.0	C	23.20	C	23.35		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
10	07	64	08.5	LA	0003	36	57.5	76	23.7	7	3			*		00.0	C	23.28	C	23.34	L	25	V	0.65	*
10	07	64	08.5	LA	0003	36	57.5	76	23.7	7	3			*		02.0	C	23.28	C	23.34		*	V	0.61	*
10	07	64	08.5	LA	0003	36	57.5	76	23.7	7	3			*		03.0	C	23.26	C	23.36		*	V	0.55	*
10	07	64	08.5	LA	0003	36	57.5	76	23.7	7	3			*		04.0	C	23.27	C	23.35		*	V	0.55	*
10	07	64	08.5	LA	0003	36	57.5	76	23.7	7	3			*		05.0						*	V	0.50	*
10	07	64	08.5	LA	0003	36	57.5	76	23.7	7	3			*		06.0	C	23.26	C	23.35		*		*	*
10	07	64	09.0	LA	0003	36	57.5	76	23.7	*7	3	26	28	03	1.2	00.0	C	23.38	C	22.98	L	25	V	0.50	09.1
10	07	64	09.0	LA	0003	36	57.5	76	23.7	*7	3	26	28	03	1.2	02.0	C	23.34	C	23.07		*	V	0.48	09.1
10	07	64	09.0	LA	0003	36	57.5	76	23.7	*7	3	26	28	03	1.2	03.0	C	23.34	C	23.07		*	V	0.36	09.1
10	07	64	09.0	LA	0003	36	57.5	76	23.7	*7	3	26	28	03	1.2	04.0	C	23.32	C	23.09		*	V	0.40	09.1
10	07	64	09.0	LA	0003	36	57.5	76	23.7	*7	3	26	28	03	1.2	05.0						*	V	0.41	09.1
10	07	64	09.0	LA	0003	36	57.5	76	23.7	*7	3	26	28	03	1.2	06.0	C	23.32	C	23.10		*		*	*
10	07	64	09.5	LA	0003	36	57.5	76	23.7	6	3			*	1.6	00.0	C	23.46	C	22.90	U	25		*	*
10	07	64	09.5	LA	0003	36	57.5	76	23.7	6	3			*	1.6	02.0	C	23.40	C	22.93		*		*	*
10	07	64	09.5	LA	0003	36	57.5	76	23.7	6	3			*	1.6	03.0	C	23.40	C	22.93		*		*	*
10	07	64	09.5	LA	0003	36	57.5	76	23.7	6	3			*	1.6	04.0	C	23.38	C	22.94		*		*	*
10	07	64	09.5	LA	0003	36	57.5	76	23.7	6	3			*	1.6	06.0	C	23.38	C	22.95		*		*	*
10	07	64	10.0	LA	0003	36	57.5	76	23.7	*6	3	27	10	03	1.4	00.0	C	23.54	C	22.99		*		*	*
10	07	64	10.0	LA	0003	36	57.5	76	23.7	*6	3	27	10	03	1.4	02.0	C	23.46	C	22.98		*		*	*
10	07	64	10.0	LA	0003	36	57.5	76	23.7	*6	3	27	10	03	1.4	03.0	C	23.43	C	22.96		*		*	*
10	07	64	10.0	LA	0003	36	57.5	76	23.7	*6	3	27	10	03	1.4	04.0	C	23.41	C	22.97		*		*	*
10	07	64	10.0	LA	0003	36	57.5	76	23.7	*6	3	27	10	03	1.4	06.0	C	23.40	C	22.96		*		*	*
10	07	64	10.5	LA	0003	36	57.5	76	23.7	6	3			*	1.7	00.0	C	23.60	C	22.94	L	25	V	0.25	*
10	07	64	10.5	LA	0003	36	57.5	76	23.7	6	3			*	1.7	02.0	C	23.48	C	22.96		*	V	0.18	*
10	07	64	10.5	LA	0003	36	57.5	76	23.7	6	3			*	1.7	03.0	C	23.42	C	23.00		*	V	0.12	*
10	07	64	10.5	LA	0003	36	57.5	76	23.7	6	3			*	1.7	04.0	C	23.42	C	22.97		*	V	0.10	*
10	07	64	10.5	LA	0003	36	57.5	76	23.7	6	3			*	1.7	05.0						*	V	0.08	*
10	07	64	10.5	LA	0003	36	57.5	76	23.7	6	3			*	1.7	06.0	C	23.40	C	22.99		*		*	*
10	07	64	11.0	LA	0003	36	57.5	76	23.7	*6	4	28	10	03		00.0	C	23.60	C	23.01		*		*	*
10	07	64	11.0	LA	0003	36	57.5	76	23.7	*6	4	28	10	03		02.0	C	23.48	C	23.02		*		*	*
10	07	64	11.0	LA	0003	36	57.5	76	23.7	*6	4	28	10	03		03.0	C	23.42	C	23.00		*		*	*
10	07	64	11.0	LA	0003	36	57.5	76	23.7	*6	4	28	10	03		04.0	C	23.38	C	23.01		*		*	*
10	07	64	11.0	LA	0003	36	57.5	76	23.7	*6	4	28	10	03		06.0	C	23.36	C	23.05		*		*	*
10	07	64	11.5	LA	0003	36	57.5	76	23.7	6	4			*	1.8	00.0	C	23.82	C	22.99		*	V	0.12	*
10	07	64	11.5	LA	0003	36	57.5	76	23.7	6	4			*	1.8	02.0	C	23.50	C	23.00		*	V	0.22	*
10	07	64	11.5	LA	0003	36	57.5	76	23.7	6	4			*	1.8	03.0	C	23.40	C	23.05		*	V	0.24	*
10	07	64	11.5	LA	0003	36	57.5	76	23.7	6	4			*	1.8	04.0	C	23.40	C	23.12		*	V	0.21	*
10	07	64	11.5	LA	0003	36	57.5	76	23.7	6	4			*	1.8	05.0						*	V	0.20	*
10	07	64	11.5	LA	0003	36	57.5	76	23.7	6	4			*	1.8	06.0	C	23.40	C	23.23		*		*	*
10	07	64	12.0	LA	0003	36	57.5	76	23.7	6	4	31		*	1.7	00.0	C	23.92	C	23.08		*		*	*
10	07	64	12.0	LA	0003	36	57.5	76	23.7	6	4	31		*	1.7	02.0	C	23.42	C	23.03		*		*	*
10	07	64	12.0	LA	0003	36	57.5	76	23.7	6	4	31		*	1.7	03.0	C	23.38	C	23.10		*		*	*
10	07	64	12.0	LA	0003	36	57.5	76	23.7	6	4	31		*	1.7	04.0	C	23.32	C	23.20		*		*	*
10	07	64	12.0	LA	0003	36	57.5	76	23.7	6	4	31		*	1.7	06.0	C	23.28	C	23.24		*		*	*
10	07	64	12.5	LA	0003	36	57.5	76	23.7	6	*			*		00.0	C	23.96	C	23.05		*		*	*
10	07	64	12.5	LA	0003	36	57.5	76	23.7	6	*			*		02.0	C	23.36	C	23.13		*		*	*
10	07	64	12.5	LA	0003	36	57.5	76	23.7	6	*			*		03.0	C	23.36	C	23.13		*		*	*
10	07	64	12.5	LA	0003	36	57.5	76	23.7	6	*			*		04.0	C	23.32	C	23.16		*		*	*
10	07	64	12.5	LA	0003	36	57.5	76	23.7	6	*			*		06.0	C	23.30	C	23.22		*		*	*
06	07	64	12.5	IN	0003	36	57.7	76	24.0	2	8			*	0.1	00.0						*		*	*
06	07	64	12.5	IN	0003	36	57.7	76	24.0	2	8			*	0.1	02.0						*		*	*
06	07	64	14.5	IN	0003	36	57.7	76	24.0	2	1			*		00.0	O	24.00	R	23.10	E	24	D	0.06	*
06	07	64	14.5	IN	0003	36	57.7	76	24.0	2	1			*		02.0			R	22.82		*	V	0.04	*

DATE DAY	MONTH	YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	MIN. & TENTHS	LONGITUDE WEST DEGREES	MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
06	07	64	15.0	IN	0003	36	57.7	76	24.0	2	2	29	8	05	1.6	00.0	O	24.00	R	23.25	E	24	D	0.06	*
06	07	64	15.0	IN	0003	36	57.7	76	24.0	2	2	29	8	05	1.6	02.0			R	23.39		*	V	0.05	*
06	07	64	15.5	IN	0003	36	57.7	76	24.0	2	2			*		00.0	O	23.80	R	23.32	E	34	D	0.09	*
06	07	64	15.5	IN	0003	36	57.7	76	24.0	2	2			*		02.0			R	23.24		*	V	0.05	*
06	07	64	16.0	IN	0003	36	57.7	76	24.0	2	2	29	8	06	1.4	00.0	O	23.60	R	23.27	E	25	D	0.04	*
06	07	64	16.0	IN	0003	36	57.7	76	24.0	2	2	29	8	06	1.4	02.0			R	23.25		*	V	0.05	*
06	07	64	16.5	IN	0003	36	57.7	76	24.0	2	2			*		00.0	O	23.80	R	23.17	E	26	D	0.10	*
06	07	64	16.5	IN	0003	36	57.7	76	24.0	2	2			*		02.0			R	23.16		*	V	0.06	*
06	07	64	17.0	IN	0003	36	57.7	76	24.0	2	3	29	7	06		00.0	O	24.10	R	22.89	E	26	D	0.08	*
06	07	64	17.0	IN	0003	36	57.7	76	24.0	2	3	29	7	06		02.0			R	22.86		*	V	0.05	*
06	07	64	17.5	IN	0003	36	57.7	76	24.0	2	*			*		00.0	O	23.90	R	22.70	E	26	D	0.06	*
06	07	64	17.5	IN	0003	36	57.7	76	24.0	2	*			*		02.0			R	22.66		*	V	0.04	*
06	07	64	18.0	IN	0003	36	57.7	76	24.0	2	3	29	9	05	1.6	00.0	O	23.80	R	22.65	L	25	D	0.06	*
06	07	64	18.0	IN	0003	36	57.7	76	24.0	2	3	29	9	05	1.6	02.0			R	22.63		*	V	0.03	*
06	07	64	18.5	IN	0003	36	57.7	76	24.0	2	*			*		00.0	O	22.80	R	22.54	D	27	D	0.02	*
06	07	64	18.5	IN	0003	36	57.7	76	24.0	2	*			*		02.0			R	22.47		*	V	0.03	*
06	07	64	19.0	IN	0003	36	57.7	76	24.0	*2	7	26	11	07		00.0	O	22.80	R	22.49	D	27	D	0.26	19.0
06	07	64	19.0	IN	0003	36	57.7	76	24.0	*2	7	26	11	07		02.0			R	22.42		*	L	0.04	19.0
06	07	64	19.5	IN	0003	36	57.7	76	24.0	2	*			*		00.0	O	22.20	R	22.44	D	27	D	0.00	19.5
06	07	64	19.5	IN	0003	36	57.7	76	24.0	2	*			*		02.0			R	22.39		*	L	0.10	19.5
06	07	64	20.0	IN	0003	36	57.7	76	24.0	2	3	27	3	07		00.0	O	21.70	R	22.43	D	22	D	0.00	20.0
06	07	64	20.0	IN	0003	36	57.7	76	24.0	2	3	27	3	07		02.0			R	22.88		*	L	0.10	20.0
06	07	64	20.5	IN	0003	36	57.7	76	24.0	2	*			*		00.0	O	22.80	R	22.47	D	08	D	*	20.5
06	07	64	20.5	IN	0003	36	57.7	76	24.0	2	*			*		02.0			R	22.73		*	L	0.50	20.5
06	07	64	21.0	IN	0003	36	57.7	76	24.0	*2	5	23	16	07		00.0	O	22.80	R	22.60	L	27	D	0.47	21.0
06	07	64	21.0	IN	0003	36	57.7	76	24.0	*2	5	23	16	07		02.0			R	23.02		*	U	0.50	21.0
06	07	64	21.5	IN	0003	36	57.7	76	24.0	2	*			*		00.0	O	22.80	R	23.04	L	13	D	0.30	21.5
06	07	64	21.5	IN	0003	36	57.7	76	24.0	2	*			*		02.0			R	23.03		*	V	0.40	21.5
06	07	64	22.0	IN	0003	36	57.7	76	24.0	*2	6	23	17	05		00.0	O	21.70	R	22.98	L	*	D	*	*
06	07	64	22.0	IN	0003	36	57.7	76	24.0	*2	6	23	17	05		02.0			R	23.35		*	V	0.45	*
06	07	64	22.5	IN	0003	36	57.7	76	24.0	2	*			*		00.0	O	22.80	R	22.82	L	06	D	0.69	22.8
06	07	64	22.5	IN	0003	36	57.7	76	24.0	2	*			*		02.0			R	22.90		*	V	0.42	22.9
06	07	64	23.0	IN	0003	36	57.7	76	24.0	*2	6	23	15	05		00.0	O	22.80	R	22.65	L	07	D	0.34	23.1
06	07	64	23.0	IN	0003	36	57.7	76	24.0	*2	6	23	15	05		02.0			R	22.65		*	V	0.40	23.1
06	07	64	23.5	IN	0003	36	57.7	76	24.0	2	*			*		00.0	O	22.80	R	22.72	L	08	D	0.33	23.7
06	07	64	23.5	IN	0003	36	57.7	76	24.0	2	*			*		02.0			R	22.83		*	V	0.42	23.7
07	07	64	00.0	IN	0003	36	57.7	76	24.0	*2	6	23	15	04		00.0	O	22.80	R	22.96	L	07	D	0.28	00.2
07	07	64	00.0	IN	0003	36	57.7	76	24.0	*2	6	23	15	04		02.0			R	22.95		*	V	0.35	00.1

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRECTION INSTR.	CURRENT DIRECTION CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
07	07	64	00.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	22.80	R	23.00	L	07	D	0.25	00.6	
07	07	64	00.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0						*	V	0.30	00.5	
07	07	64	01.0	IN	0003	36	57.7	76	24.0	*2		6	23	16	03			00.0	O	22.80	R	22.90	L	07	D	0.20	01.2	
07	07	64	01.0	IN	0003	36	57.7	76	24.0	*2		6	23	16	03			02.0			R	22.88		*	V	0.30	01.1	
07	07	64	01.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	22.80	R	22.87	L	07	D	0.13	01.6	
07	07	64	01.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.84		*	V	0.25	01.5	
07	07	64	02.0	IN	0003	36	57.7	76	24.0	*2		7	23	14	07			00.0	O	21.10	R	22.83	L	06	D	0.00	02.0	
07	07	64	02.0	IN	0003	36	57.7	76	24.0	*2		7	23	14	07			02.0			R	22.79		*	V	0.20	02.0	
07	07	64	02.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	21.70	R	22.90	L	06	D	0.00	*	
07	07	64	02.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.90		*	V	0.20	*	
07	07	64	03.0	IN	0003	36	57.7	76	24.0	*2		8	23	18	06			00.0	O	22.20	R	22.91	L	06	D	0.14	*	
07	07	64	03.0	IN	0003	36	57.7	76	24.0	*2		8	23	18	06			02.0			R	22.91		*	V	0.40	*	
07	07	64	03.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	22.80	R	22.94	L	00	D	0.00	*	
07	07	64	03.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.95		*	V	0.20	*	
07	07	64	04.0	IN	0003	36	57.7	76	24.0	*2		1	22	17	06			00.0	O	21.70	R	22.92	L	27	D	0.43	*	
07	07	64	04.0	IN	0003	36	57.7	76	24.0	*2		1	22	17	06			02.0			R	22.93		*	V	0.40	*	
07	07	64	04.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	20.80	R	22.97	L	27	D	0.34	*	
07	07	64	04.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.96		*	V	0.02	*	
07	07	64	05.0	IN	0003	36	57.7	76	24.0	*2		2	22	17	04			00.0	O	21.70	R	22.97	L	27	D	0.34	*	
07	07	64	05.0	IN	0003	36	57.7	76	24.0	*2		2	22	17	04			02.0			R	23.16		*	V	0.60	*	
07	07	64	05.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	20.60	R	23.64	L	27	D	0.43	*	
07	07	64	05.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.33		*	V	0.20	*	
07	07	64	06.0	IN	0003	36	57.7	76	24.0	*2		3	22	18	25	1.1		00.0	O	23.00	R	23.20	L	27	D	0.35	06.0	
07	07	64	06.0	IN	0003	36	57.7	76	24.0	*2		3	22	18	25	1.1		02.0			R	23.24		*	V	0.35	06.0	
07	07	64	06.5	IN	0003	36	57.7	76	24.0	2		3			*			00.0	O	23.00	R	23.18	L	28	D	0.71	06.5	
07	07	64	06.5	IN	0003	36	57.7	76	24.0	2		3			*			02.0			R	23.18		*	V	0.23	06.6	
07	07	64	07.0	IN	0003	36	57.7	76	24.0	*2		4	22	18	02	1.2		00.0	O	24.00	R	23.18	L	28	D	0.27	07.0	
07	07	64	07.0	IN	0003	36	57.7	76	24.0	*2		4	22	18	02	1.2		02.0			R	23.17		*	V	0.15	07.0	
07	07	64	07.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	24.00	R	23.17	L	35	D	0.00	07.6	
07	07	64	07.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.22		*	V	0.11	07.5	
07	07	64	08.0	IN	0003	36	57.7	76	24.0	*2		5	25	16	01	1.6		00.0	O	24.00	R	23.03	L	05	D	0.15	08.1	
07	07	64	08.0	IN	0003	36	57.7	76	24.0	*2		5	25	16	01	1.6		02.0			R	23.10		*	V	0.15	08.1	
07	07	64	08.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	24.00	R	23.01	L	04	D	0.21	08.5	
07	07	64	08.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.06		*	V	0.27	08.5	
07	07	64	09.0	IN	0003	36	57.7	76	24.0	*2		5	27	18	01	1.6		00.0	O	24.00	R	23.07	L	07	D	0.21	09.0	
07	07	64	09.0	IN	0003	36	57.7	76	24.0	*2		5	27	18	01	1.6		02.0			R	23.08		*	V	0.33	09.0	
07	07	64	09.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	24.00	R	23.14	L	07	D	0.38	09.5	
07	07	64	09.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.14		*	V	0.36	09.5	
07	07	64	10.0	IN	0003	36	57.7	76	24.0	2		6	31		00	1.5		00.0	O	24.50	R	22.67	L	08	D	0.37	10.2	
07	07	64	10.0	IN	0003	36	57.7	76	24.0	2		6	31		00	1.5		02.0			R	22.62		*	V	0.35	10.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
07	07	64	10.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	24.50	R	22.50	L	08	D	0.38	10.1	
07	07	64	10.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.48		*	V	0.40	10.0	
07	07	64	11.0	IN	0003	36	57.7	76	24.0	2		6	34		00	1.6		00.0	0	25.00	R	22.10	L	08	D	0.35	11.1	
07	07	64	11.0	IN	0003	36	57.7	76	24.0	2		6	34		00	1.6		02.0			R	22.07		*	V	0.35	11.0	
07	07	64	11.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	24.50	R	22.47	L	08	D	0.25	11.6	
07	07	64	11.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.55		*	V	0.30	11.5	
07	07	64	12.0	IN	0003	36	57.7	76	24.0	*2		7	29	21	00	1.5		00.0	0	24.20	R	22.61	L	09	D	0.26	12.2	
07	07	64	12.0	IN	0003	36	57.7	76	24.0	*2		7	29	21	00	1.5		02.0			R	22.60		*	V	0.25	12.0	
07	07	64	12.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	24.00	R	22.65	L	09	D	0.19	12.6	
07	07	64	12.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.61		*	V	0.20	12.5	
07	07	64	13.0	IN	0003	36	57.7	76	24.0	*2		8	29	15	01	1.4		00.0	0	24.20	R	22.59	L	08	D	0.11	13.1	
07	07	64	13.0	IN	0003	36	57.7	76	24.0	*2		8	29	15	01	1.4		02.0			R	22.63		*	V	0.15	13.1	
07	07	64	13.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	24.20	R	22.57	L	08	D	0.00	13.6	
07	07	64	13.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.59		*	V	0.13	13.5	
07	07	64	14.0	IN	0003	36	57.7	76	24.0	*2		7	31	18	01	1.2		00.0	0	25.00	R	22.61	L	26	D	0.38	*	
07	07	64	14.0	IN	0003	36	57.7	76	24.0	*2		7	31	18	01	1.2		02.0			R	22.64		*	V	0.30	*	
07	07	64	14.5	IN	0003	36	57.7	76	24.0	2		1			*	1.7		00.0			R	22.66	L	26	D	0.44	*	
07	07	64	14.5	IN	0003	36	57.7	76	24.0	2		1			*	1.7		02.0			R	22.67		*	V	0.20	*	
07	07	64	15.0	IN	0003	36	57.7	76	24.0	*2		2	36	19	02	1.7		00.0			R	22.51	L	26	D	0.31	*	
07	07	64	15.0	IN	0003	36	57.7	76	24.0	*2		2	36	19	02	1.7		02.0			R	22.51		*	V	0.20	*	
07	07	64	15.5	IN	0003	36	57.7	76	24.0	2		1			*			00.0	0	20.80	R	22.52	L	26	D	0.31	*	
07	07	64	15.5	IN	0003	36	57.7	76	24.0	2		1			*			02.0			R	22.37		*	V	0.40	*	
07	07	64	16.0	IN	0003	36	57.7	76	24.0	*2		1	32	34	09			00.0	0	21.70	R	22.60	L	26	D	0.51	*	
07	07	64	16.0	IN	0003	36	57.7	76	24.0	*2		1	32	34	09			02.0			R	22.69		*	V	0.50	*	
07	07	64	17.0	IN	0003	36	57.7	76	24.0	*2		2	31	14	13	,		00.0	0	21.70	R	22.96	L	27	D	0.34	*	
07	07	64	17.0	IN	0003	36	57.7	76	24.0	*2		2	31	14	13	,		02.0			R	22.97		*	V	0.40	*	
07	07	64	17.5	IN	0003	36	57.7	76	24.0	6		*			*			00.0			R	23.04	L	27	D	0.00	*	
07	07	64	17.5	IN	0003	36	57.7	76	24.0	6		*			*			02.0			R	23.00		*	V	0.40	*	
07	07	64	18.0	IN	0003	36	57.7	76	24.0	*2		3	29	15	*			00.0	0	24.00	R	23.06	L	25	D	0.45	18.3	
07	07	64	18.0	IN	0003	36	57.7	76	24.0	*2		3	29	15	*			02.0			R	23.05		*	V	0.45	18.2	
07	07	64	18.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0			R	23.08	L	24	D	0.43	18.6	
07	07	64	18.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.06		*	V	0.45	18.6	
07	07	64	19.0	IN	0003	36	57.7	76	24.0	*2		3	26	17	09			00.0	0	24.00	R	22.96	L	25	D	0.29	19.1	
07	07	64	19.0	IN	0003	36	57.7	76	24.0	*2		3	26	17	09			02.0			R	22.95		*	V	0.38	19.0	
07	07	64	19.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	24.00	R	22.86	L	27	D	0.25	19.7	
07	07	64	19.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.83		*	V	0.30	19.5	
07	07	64	20.0	IN	0003	36	57.7	76	24.0	*2		3	26	15	12			00.0	0	23.00	R	22.95	L	24	D	0.19	*	
07	07	64	20.0	IN	0003	36	57.7	76	24.0	*2		3	26	15	12			02.0			R	22.96		*	V	0.11	*	
07	07	64	20.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	23.00	R	22.97	L	26	D	0.00	20.5	
07	07	64	20.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.99		*	V	0.10	20.5	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
07	07	64	21.0	IN	0003	36	57.7	76	24.0	*2		4	25	17	11			00.0	O	21.00	R	23.09	L	02	D	0.00	21.0		
07	07	64	21.0	IN	0003	36	57.7	76	24.0	*2		4	25	17	11			02.0			R	23.09		*	V	0.18	21.0		
07	07	64	21.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0			R	23.13	L	05	D	0.24	21.5		
07	07	64	21.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.14		*	V	0.18	21.5		
08	07	64	14.0	IN	0003	36	57.7	76	24.0	2		7	24	2	06			00.0	O	23.00	R	22.50	L	04	D	0.17	*		
08	07	64	14.0	IN	0003	36	57.7	76	24.0	2		7	24	2	06			02.0			R	22.48		*	V	0.15	*		
08	07	64	15.0	IN	0003	36	57.7	76	24.0	2		7	26	1	06	,		00.0	O	22.00	R	22.54	L	27	D	0.17	*		
08	07	64	15.0	IN	0003	36	57.7	76	24.0	2		7	26	1	06	,		02.0			R	22.49		*	V	0.15	*		
08	07	64	15.5	IN	0003	36	57.7	76	24.0	2		1			*			00.0	O	24.00	R	22.52	L	22	D	0.25	*		
08	07	64	15.5	IN	0003	36	57.7	76	24.0	2		1			*			02.0			R	22.49		*	V	0.16	*		
08	07	64	16.0	IN	0003	36	57.7	76	24.0	*2		1	26	19	06	,		00.0			R	22.58	L	22	D	0.26	*		
08	07	64	16.0	IN	0003	36	57.7	76	24.0	*2		1	26	19	06	,		02.0			R	22.50		*	V	0.12	*		
08	07	64	16.5	IN	0003	36	57.7	76	24.0	2		*			*	,		02.0			R	22.65		*	V	0.12	*		
08	07	64	16.5	IN	0003	36	57.7	76	24.0	2		*			*	,		00.0			R	22.64	L	22	D	0.24	*		
08	07	64	17.0	IN	0003	36	57.7	76	24.0	*2		2	20	19	06	,		00.0			R	22.73	L	22	D	0.23	*		
08	07	64	17.0	IN	0003	36	57.7	76	24.0	*2		2	20	19	06	,		02.0			R	22.70		*	V	0.15	*		
08	07	64	17.5	IN	0003	36	57.7	76	24.0	2		2			*	,		00.0			R	22.80	L	22	D	0.76	*		
08	07	64	17.5	IN	0003	36	57.7	76	24.0	2		2			*	,		02.0			R	22.68		*	V	0.12	*		
08	07	64	18.0	IN	0003	36	57.7	76	24.0	*2		3	27	18	07			00.0	O	23.00	R	22.02	L	24	D	0.63	18.0		
08	07	64	18.0	IN	0003	36	57.7	76	24.0	*2		3	27	18	07			02.0			R	22.99		*	V	0.40	18.0		
08	07	64	18.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0			R	22.95	L	24	D	0.59	*		
08	07	64	18.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.91		*	V	0.50	*		
08	07	64	19.0	IN	0003	36	57.7	76	24.0	*2		3	25	17	06			00.0	O	24.00	R	22.92	L	23	D	0.45	19.1		
08	07	64	19.0	IN	0003	36	57.7	76	24.0	*2		3	25	17	06			02.0			R	22.90		*	V	0.45	19.1		
08	07	64	19.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	23.00	R	22.81	L	25	D	0.46	19.5		
08	07	64	19.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.76		*	V	0.38	19.5		
08	07	64	20.0	IN	0003	36	57.7	76	24.0	*2		3	24	18	07			00.0	O	23.00	R	22.94	L	23	D	0.40	20.1		
08	07	64	20.0	IN	0003	36	57.7	76	24.0	*2		3	24	18	07			02.0			R	22.91		*	V	0.40	20.0		
08	07	64	20.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	23.00	R	22.99	L	23	D	0.27	20.5		
08	07	64	20.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.98		*	V	0.35	20.5		
08	07	64	21.0	IN	0003	36	57.7	76	24.0	*2		3	24	16	09			00.0	O	23.00	R	22.92	L	25	D	0.16	21.2		
08	07	64	21.0	IN	0003	36	57.7	76	24.0	*2		3	24	16	09			02.0			R	22.92		*	V	0.10	21.2		
08	07	64	21.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	23.00	R	22.87	L	35	D	0.09	21.6		
08	07	64	21.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.90		*	V	0.18	21.6		
09	07	64	07.5	IN	0003	36	57.7	76	24.0	*2		2	22	31	01	1.7		00.0	O	23.00	R	23.22	L	22	D	0.41	07.7		
09	07	64	07.5	IN	0003	36	57.7	76	24.0	*2		2	22	31	01	1.7		02.0			R	23.24		*	V	0.46	07.6		
09	07	64	08.0	IN	0003	36	57.7	76	24.0	*2		3	22	31	01	1.9		00.0	O	23.20	R	23.28	L	23	D	0.35	08.1		
09	07	64	08.0	IN	0003	36	57.7	76	24.0	*2		3	22	31	01	1.9		02.0			R	23.27		*	V	0.40	08.0		
09	07	64	08.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	O	23.50	R	23.29	L	23	D	0.21	08.8		
09	07	64	08.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.27		*	V	0.27	08.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
09	07	64	09.0	IN	0003	36	57.7	76	24.0	*2		3	24	31	01	2.0		00.0	0	23.20	R	23.35	L	23	D	0.12	09.3		
09	07	64	09.0	IN	0003	36	57.7	76	24.0	*2		3	24	31	01	2.0		02.0			R	23.39		*	V	0.15	09.1		
09	07	64	09.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	23.90	R	23.29	L	30	D	0.00	09.7		
09	07	64	09.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.40		*	V	0.12	09.6		
09	07	64	10.0	IN	0003	36	57.7	76	24.0	2		4	27		00	1.4		00.0	0	25.00	R	23.24	L	04	D	0.17	*		
09	07	64	10.0	IN	0003	36	57.7	76	24.0	2		4	27		00	1.4		02.0			R	23.21		*	V	0.04	*		
09	07	64	10.5	IN	0003	36	57.7	76	24.0	2		4			*	1.4		00.0	0	25.00	R	23.28	L	04	D	0.25	*		
09	07	64	10.5	IN	0003	36	57.7	76	24.0	2		4			*	1.4		02.0			R	23.30		*	V	0.12	*		
09	07	64	11.0	IN	0003	36	57.7	76	24.0	*2		3	02	20	03	1.4		00.0	0	23.00	R	23.29	L	04	D	0.61	*		
09	07	64	11.0	IN	0003	36	57.7	76	24.0	*2		3	02	20	03	1.4		02.0			R	23.29		*	V	0.15	*		
09	07	64	11.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	23.00	R	23.25	L	04	D	0.61	*		
09	07	64	11.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.22		*		*	*		
09	07	64	12.0	IN	0003	36	57.7	76	24.0	*2		5	28	28	01	1.4		00.0	0	23.00	R	23.06	L	04	D	0.64	*		
09	07	64	12.0	IN	0003	36	57.7	76	24.0	*2		5	28	28	01	1.4		02.0			R	23.10		*	V	0.12	*		
09	07	64	12.5	IN	0003	36	57.7	76	24.0	2		5			*	4.1		00.0	0	22.00	R	22.68	L	22	D	0.44	*		
09	07	64	12.5	IN	0003	36	57.7	76	24.0	2		5			*	4.1		02.0			R	22.61		*		*	*		
09	07	64	13.0	IN	0003	36	57.7	76	24.0	2		6	31	8	02	1.3		00.0	0	23.00	R	22.59	L	22	D	0.76	*		
09	07	64	13.0	IN	0003	36	57.7	76	24.0	2		6	31	8	02	1.3		02.0			R	22.57		*	V	0.00	*		
09	07	64	13.5	IN	0003	36	57.7	76	24.0	2		*			*	,		00.0	0	24.00	R	22.73	L	04	D	0.28	*		
09	07	64	13.5	IN	0003	36	57.7	76	24.0	2		*			*	,		02.0			R	22.74		*		*	*		
09	07	64	14.0	IN	0003	36	57.7	76	24.0	2		7	28	7	03	,		00.0	0	23.00	R	22.80	L	22	D	0.23	*		
09	07	64	14.0	IN	0003	36	57.7	76	24.0	2		7	28	7	03	,		02.0			R	22.80		*	V	0.15	*		
09	07	64	14.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	23.00	R	22.90		*	D	0.38	*		
09	07	64	14.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.91		*	V	0.14	*		
09	07	64	15.0	IN	0003	36	57.7	76	24.0	2		7	28	6	04	1.2		00.0	0	23.80	R	22.90	L	00	D	0.00	15.1		
09	07	64	15.0	IN	0003	36	57.7	76	24.0	2		7	28	6	04	1.2		02.0			R	22.90		*	V	0.10	15.1		
09	07	64	15.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	23.40	R	22.90		*		*	*		
09	07	64	15.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	22.86		*	V	0.10	*		
09	07	64	16.0	IN	0003	36	57.7	76	24.0	2		8	27	7	02			00.0	0	24.00	R	22.97	L	27	D	0.22	16.3		
09	07	64	16.0	IN	0003	36	57.7	76	24.0	2		8	27	7	02			02.0			R	22.95		*	V	0.03	16.3		
09	07	64	16.5	IN	0003	36	57.7	76	24.0	2		7			*			00.0	0	24.00	R	22.94	L	28	D	0.34	*		
09	07	64	16.5	IN	0003	36	57.7	76	24.0	2		7			*			02.0			R	22.93		*	V	0.04	*		
09	07	64	17.0	IN	0003	36	57.7	76	24.0	2		1	25	9	06			00.0	0	23.70	R	22.76	L	27	D	0.43	17.0		
09	07	64	17.0	IN	0003	36	57.7	76	24.0	2		1	25	9	06			02.0			R	22.73		*	V	0.04	17.0		
09	07	64	18.0	IN	0003	36	57.7	76	24.0	*2		1	25	11	07			00.0	0	23.70	R	23.11	L	27	D	0.51	18.0		
09	07	64	18.0	IN	0003	36	57.7	76	24.0	*2		1	25	11	07			02.0			R	23.12		*	V	0.05	18.0		
09	07	64	18.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	23.60	R	23.36	L	28	D	0.51	18.5		
09	07	64	18.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.33		*	V	0.05	18.5		
09	07	64	19.0	IN	0003	36	57.7	76	24.0	2		1	25	9	01			00.0	0	23.40	R	23.40	L	27	D	0.51	19.0		
09	07	64	19.0	IN	0003	36	57.7	76	24.0	2		1	25	9	01			02.0			R	23.41		*	V	0.05	19.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
09	07	64	19.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	23.30	R	23.19	L	26	D	0.46	19.5		
09	07	64	19.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.37		*	V	0.05	19.5		
09	07	64	20.0	IN	0003	36	57.7	76	24.0	*2		2	23	14	01			00.0	0	23.30	R	23.22	L	24	D	0.46	20.0		
09	07	64	20.0	IN	0003	36	57.7	76	24.0	*2		2	23	14	01			02.0			R	23.30		*	V	0.05	20.0		
09	07	64	20.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	22.60	R	23.38	L	23	D	0.44	20.5		
09	07	64	20.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.41		*	V	0.03	20.5		
09	07	64	21.0	IN	0003	36	57.7	76	24.0	*2		3	22	16	01			00.0	0	22.60	R	23.27	L	24	D	0.44	21.0		
09	07	64	21.0	IN	0003	36	57.7	76	24.0	*2		3	22	16	01			02.0			R	23.27		*	V	0.03	21.0		
09	07	64	21.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	22.00	R	23.23	L	22	D	0.25	*		
09	07	64	21.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.20		*	V	0.12	*		
09	07	64	22.0	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	22.30	R	23.25	L	24	D	0.44	*		
09	07	64	22.0	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.23		*	V	0.12	*		
09	07	64	22.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0		24.00	R	23.17	L	24	D	0.66	*		
09	07	64	22.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.19		*	V	0.15	*		
09	07	64	23.0	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	23.00	R	23.17	L	27	D	0.56	*		
09	07	64	23.0	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.19		*	V	0.12	*		
09	07	64	23.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	22.00	R	23.22	L	00	D	0.00	*		
09	07	64	23.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.23		*	V	0.00	*		
10	07	64	00.0	IN	0003	36	57.7	76	24.0	*2		5	22	15	00	,		00.0		22.20	R	23.20	L	04	D	0.76	*		
10	07	64	00.0	IN	0003	36	57.7	76	24.0	*2		5	22	15	00	,		02.0			R	23.20		*	V	0.13	*		
10	07	64	00.5	IN	0003	36	57.7	76	24.0	2		*			*	,		00.0		23.00	R	23.21	L	04	D	0.56	*		
10	07	64	00.5	IN	0003	36	57.7	76	24.0	2		*			*	,		02.0			R	23.22		*	V	0.15	*		
10	07	64	01.0	IN	0003	36	57.7	76	24.0	2		5	04	9	07	,		00.0			R	23.20	L	04	D	0.44	*		
10	07	64	01.0	IN	0003	36	57.7	76	24.0	2		5	04	9	07	,		02.0			R	23.24		*	V	0.12	*		
10	07	64	01.5	IN	0003	36	57.7	76	24.0	2		*			*	,		00.0			R	23.17	L	04	D	0.55	*		
10	07	64	01.5	IN	0003	36	57.7	76	24.0	2		*			*	,		02.0			R	23.25		*	V	0.12	*		
10	07	64	02.0	IN	0003	36	57.7	76	24.0	*2		5	22	34	01			00.0		22.00	R	23.29	L	07	D	0.40	02.1		
10	07	64	02.0	IN	0003	36	57.7	76	24.0	*2		5	22	34	01			02.0			R	23.30		*	V	0.38	02.1		
10	07	64	02.5	IN	0003	36	57.7	76	24.0	2		6			*			00.0		22.00	R	23.37	L	08	D	0.37	02.5		
10	07	64	02.5	IN	0003	36	57.7	76	24.0	2		6			*			02.0			R	23.33		*	V	0.35	02.5		
10	07	64	03.0	IN	0003	36	57.7	76	24.0	2		7	22	1	01			00.0		22.00	R	23.24	L	08	D	0.29	03.1		
10	07	64	03.0	IN	0003	36	57.7	76	24.0	2		7	22	1	01			02.0			R	23.24		*	V	0.29	03.1		
10	07	64	03.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0		23.00	R	23.13	L	11	D	0.23	03.6		
10	07	64	03.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.13		*	V	0.19	03.6		
10	07	64	04.0	IN	0003	36	57.7	76	24.0	2		7	22	3	01			00.0			R	23.05	L	11	D	0.11	04.1		
10	07	64	04.0	IN	0003	36	57.7	76	24.0	2		7	22	3	01			02.0			R	23.01		*	V	0.00	04.1		
10	07	64	04.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0		23.00	R	23.01	L	14	D	0.00	04.5		
10	07	64	04.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.02		*	V	0.02	04.5		
10	07	64	05.0	IN	0003	36	57.7	76	24.0	2		8	22	5	06			00.0		23.00	R	23.03	L	22	D	0.17	05.0		
10	07	64	05.0	IN	0003	36	57.7	76	24.0	2		8	22	5	06			02.0			R	23.04		*	V	0.00	05.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
10	07	64	05.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0			R	23.16	L	25	D	0.28	05.5	
10	07	64	05.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.17		*	V	0.23	05.5	
10	07	64	06.0	IN	0003	36	57.7	76	24.0	2		1	23	4	00	2.1		00.0		23.00	R	23.35	L	24	D	0.30	06.1	
10	07	64	06.0	IN	0003	36	57.7	76	24.0	2		1	23	4	00	2.1		02.0			R	23.35		*	V	0.35	06.1	
10	07	64	06.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0		23.00	R	23.25	L	24	D	0.38	06.5	
10	07	64	06.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.23		*	V	0.38	06.6	
10	07	64	07.0	IN	0003	36	57.7	76	24.0	2		2	23	9	06	1.9		00.0		23.00	R	23.30	L	24	D	0.38	07.1	
10	07	64	07.0	IN	0003	36	57.7	76	24.0	2		2	23	9	06	1.9		02.0			R	23.29		*	V	0.43	07.0	
10	07	64	07.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0		23.00	R	23.57	L	24	D	0.44	07.6	
10	07	64	07.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.58		*	V	0.47	07.5	
10	07	64	08.0	IN	0003	36	57.7	76	24.0	2		2	24	7	05	1.9		00.0		23.20	R	23.50	L	24	D	0.44	08.0	
10	07	64	08.0	IN	0003	36	57.7	76	24.0	2		2	24	7	05	1.9		02.0			R	23.49		*	V	0.45	08.0	
10	07	64	08.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0		23.50	R	23.58	L	24	D	0.41	08.5	
10	07	64	08.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.56		*	V	0.41	08.5	
10	07	64	09.0	IN	0003	36	57.7	76	24.0	*2		3	26	25	03	2.1		00.0		23.30	R	23.54	L	23	D	0.34	09.0	
10	07	64	09.0	IN	0003	36	57.7	76	24.0	*2		3	26	25	03	2.1		02.0			R	23.47		*	V	0.33	09.0	
10	07	64	09.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0		23.80	R	23.50	L	26	D	0.26	09.6	
10	07	64	09.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.45		*	V	0.26	09.8	
10	07	64	10.0	IN	0003	36	57.7	76	24.0	*2		3	27	10	03	1.6		00.0		24.00	R	23.50	L	25	V	0.14	10.0	
10	07	64	10.0	IN	0003	36	57.7	76	24.0	*2		3	27	10	03	1.6		02.0			R	23.51		*	V	0.20	10.1	
10	07	64	10.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0		24.00	R	23.27	L	26	V	0.10	10.7	
10	07	64	10.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.42		*	V	0.11	10.6	
10	07	64	11.0	IN	0003	36	57.7	76	24.0	*2		4	28	10	03	1.9		00.0		24.00	R	23.10	L	34	V	0.00	11.6	
10	07	64	11.0	IN	0003	36	57.7	76	24.0	*2		4	28	10	03	1.9		02.0			R	23.43		*	V	0.05	11.3	
10	07	64	11.5	IN	0003	36	57.7	76	24.0	2		*			*			00.0	0	24.00	R	23.15	L	04	L	0.22	11.6	
10	07	64	11.5	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.42		*	L	0.20	11.8	
10	07	64	12.0	IN	0003	36	57.7	76	24.0	2		*			*			00.0		24.00	R	23.21	L	04	V	0.30	12.1	
10	07	64	12.0	IN	0003	36	57.7	76	24.0	2		*			*			02.0			R	23.19		*	V	0.35	12.2	
08	07	64	07.5	PA	0003	36	58.0	76	24.1	5		3			*			00.0			A	22.76	L	24	D	0.29	07.6	
08	07	64	07.5	PA	0003	36	58.0	76	24.1	5		3			*			01.0			A	22.76	T	18	T	0.32	07.6	
08	07	64	07.5	PA	0003	36	58.0	76	24.1	5		3			*			02.0			A	22.03	T	17	T	0.34	07.7	
08	07	64	07.5	PA	0003	36	58.0	76	24.1	5		3			*			03.0			A	22.40	T	18	T	0.33	07.7	
08	07	64	07.5	PA	0003	36	58.0	76	24.1	5		3			*			04.0			A	22.90	T	18	T	0.32	07.7	
08	07	64	07.5	PA	0003	36	58.0	76	24.1	5		3			*			05.0			A	22.91		*		*	*	
08	07	64	08.0	PA	0003	36	58.0	76	24.1	*5		3	23	17	09			00.0			A	23.06	L	24	D	0.19	08.1	
08	07	64	08.0	PA	0003	36	58.0	76	24.1	*5		3	23	17	09			01.0			A	23.03	T	22	T	0.23	08.2	
08	07	64	08.0	PA	0003	36	58.0	76	24.1	*5		3	23	17	09			02.0			A	23.04	T	22	T	0.25	08.2	
08	07	64	08.0	PA	0003	36	58.0	76	24.1	*5		3	23	17	09			03.0			A	23.04	T	19	T	0.22	08.2	
08	07	64	08.0	PA	0003	36	58.0	76	24.1	*5		3	23	17	09			04.0			A	23.05	T	20	T	0.20	08.2	
08	07	64	08.0	PA	0003	36	58.0	76	24.1	*5		3	23	17	09			05.0			A	23.04		*		*	*	
08	07	64	08.5	PA	0003	36	58.0	76	24.1	5		4			*			00.0			A	23.02	L	23	D	0.00	08.6	
08	07	64	08.5	PA	0003	36	58.0	76	24.1	5		4			*			01.0			A	22.99	T	21	T	0.07	08.7	
08	07	64	08.5	PA	0003	36	58.0	76	24.1	5		4			*			02.0			A	23.02	T	22	T	0.04	08.7	
08	07	64	08.5	PA	0003	36	58.0	76	24.1	5		4			*			03.0			A	22.99	T	22	T	0.05	08.7	
08	07	64	08.5	PA	0003	36	58.0	76	24.1	5		4			*			04.0			A	23.02	T	20	T	0.07	08.7	
08	07	64	08.5	PA	0003	36	58.0	76	24.1	5		4			*			05.0			A	22.99		*		*	*	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
08	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		5	23	17	09			00.0			A	23.02	L	36	D	0.00	09.2		
08	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		5	23	17	09			01.0			A	23.03	T	35	T	0.10	09.3		
08	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		5	23	17	09			02.0			A	23.03	T	36	T	0.07	09.3		
08	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		5	23	17	09			03.0			A	23.02	T	36	T	0.11	09.3		
08	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		5	23	17	09			04.0			A	23.02	T	02	T	0.10	09.3		
08	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		5	23	17	09			05.0			A	23.03		*		*	*		
08	07	64	09.5	PA	0003	36	58.0	76	24.1	5		5			*			00.0			A	23.01	L	06	D	0.21	09.7		
08	07	64	09.5	PA	0003	36	58.0	76	24.1	5		5			*			01.0			A	23.05		*		*	*		
08	07	64	09.5	PA	0003	36	58.0	76	24.1	5		5			*			02.0			A	23.03		*		*	*		
08	07	64	09.5	PA	0003	36	58.0	76	24.1	5		5			*			03.0			A	23.05		*		*	*		
08	07	64	09.5	PA	0003	36	58.0	76	24.1	5		5			*			04.0			A	23.05		*		*	*		
08	07	64	09.5	PA	0003	36	58.0	76	24.1	5		5			*			05.0			A	23.05		*		*	*		
08	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		5	23	19	09			00.0			A	22.83	L	05	D	0.34	10.1		
08	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		5	23	19	09			01.0			A	22.85		*	T	0.35	10.2		
08	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		5	23	19	09			02.0			A	22.88		*	T	0.45	10.2		
08	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		5	23	19	09			03.0			A	22.93		*	T	0.50	10.2		
08	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		5	23	19	09			04.0			A	22.99		*	T	0.50	10.2		
08	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		5	23	19	09			05.0			A	22.99		*		*	*		
08	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	23	20	03			00.0			A	22.86	L	03	D	0.49	11.1		
08	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	23	20	03			01.0			A	22.84		*	T	0.48	11.2		
08	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	23	20	03			02.0			A	22.88		*	T	0.50	11.2		
08	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	23	20	03			03.0			A	22.89		*	T	0.46	11.2		
08	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	23	20	03			04.0			A	22.87		*	T	0.40	11.2		
08	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	23	20	03			05.0			A	22.83		*		*	*		
08	07	64	11.5	PA	0003	36	58.0	76	24.1	5		6			*			00.0			A	22.97	L	02	D	0.68	11.6		
08	07	64	11.5	PA	0003	36	58.0	76	24.1	5		6			*			01.0			A	22.94		*	T	0.50	11.5		
08	07	64	11.5	PA	0003	36	58.0	76	24.1	5		6			*			02.0			A	22.95		*	T	0.50	11.5		
08	07	64	11.5	PA	0003	36	58.0	76	24.1	5		6			*			03.0			A	22.95		*	T	0.50	11.5		
08	07	64	11.5	PA	0003	36	58.0	76	24.1	5		6			*			04.0			A	22.55		*	T	0.35	11.5		
08	07	64	11.5	PA	0003	36	58.0	76	24.1	5		6			*			05.0			A	22.58		*		*	*		
08	07	64	12.0	PA	0003	36	58.0	76	24.1	*5		7	24	20	08			00.0			A	22.47	L	03	D	0.46	12.2		
08	07	64	12.0	PA	0003	36	58.0	76	24.1	*5		7	24	20	08			01.0			A	22.46		*	T	0.48	12.1		
08	07	64	12.0	PA	0003	36	58.0	76	24.1	*5		7	24	20	08			02.0			A	22.49		*	T	0.50	12.1		
08	07	64	12.0	PA	0003	36	58.0	76	24.1	*5		7	24	20	08			03.0			A	22.45		*	T	0.33	12.1		
08	07	64	12.0	PA	0003	36	58.0	76	24.1	*5		7	24	20	08			04.0			A	22.41		*	T	0.33	12.1		
08	07	64	12.0	PA	0003	36	58.0	76	24.1	*5		7	24	20	08			05.0			A	22.42		*		*	*		
08	07	64	12.5	PA	0003	36	58.0	76	24.1	5		7			*			00.0			A	22.39	L	03	D	0.56	12.7		
08	07	64	12.5	PA	0003	36	58.0	76	24.1	5		7			*			02.0			A	22.38		*	T	0.25	12.6		
08	07	64	12.5	PA	0003	36	58.0	76	24.1	5		7			*			01.0			A	22.41		*	T	0.50	12.6		
08	07	64	12.5	PA	0003	36	58.0	76	24.1	5		7			*			03.0			A	22.41		*	T	0.47	12.6		
08	07	64	12.5	PA	0003	36	58.0	76	24.1	5		7			*			04.0			A	22.40		*	T	0.47	12.6		
08	07	64	12.5	PA	0003	36	58.0	76	24.1	5		7			*			05.0			A	22.34		*		*	*		
08	07	64	13.0	PA	0003	36	58.0	76	24.1	*5		7	24	20	08			00.0			A	22.41	L	05	D	0.41	13.2		
08	07	64	13.0	PA	0003	36	58.0	76	24.1	*5		7	24	20	08			01.0			A	22.40		*	T	0.28	13.1		
08	07	64	13.0	PA	0003	36	58.0	76	24.1	*5		7	24	20	08			02.0			A	22.40		*	T	0.36	13.1		
08	07	64	13.0	PA	0003	36	58.0	76	24.1	*5		7	24	20	08			03.0			A	22.37		*	T	0.30	13.1		
08	07	64	13.0	PA	0003	36	58.0	76	24.1	*5		7	24	20	08			04.0			A	22.41		*	T	0.37	13.1		
08	07	64	13.5	PA	0003	36	58.0	76	24.1	5		7			*			00.0			A	22.45	L	02	D	0.38	13.7		
08	07	64	13.5	PA	0003	36	58.0	76	24.1	5		7			*			01.0			A	22.42		*	T	0.40	13.6		
08	07	64	13.5	PA	0003	36	58.0	76	24.1	5		7			*			02.0			A	22.42		*	T	0.30	13.6		
08	07	64	13.5	PA	0003	36	58.0	76	24.1	5		7			*			03.0			A	22.42		*	T	0.46	13.6		
08	07	64	13.5	PA	0003	36	58.0	76	24.1	5		7			*			04.0			A	22.44		*	T	0.30	13.6		
08	07	64	14.0	PA	0003	36	58.0	76	24.1	*5		8	24	19	06			00.0			A	22.31	L	04	D	0.00	14.1		
08	07	64	14.0	PA	0003	36	58.0	76	24.1	*5		8	24	19	06			01.0			A	22.22		*	T	0.17	14.2		
08	07	64	14.0	PA	0003	36	58.0	76	24.1	*5		8	24	19	06			02.0			A	22.31		*	T	0.05	14.2		
08	07	64	14.0	PA	0003	36	58.0	76	24.1	*5		8	24	19	06			03.0			A	22.21		*	T	0.27	14.2		
08	07	64	14.0	PA	0003	36	58.0	76	24.1	*5		8	24	19	06			04.0			A	22.07		*	T	0.27	14.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
08	07	64	14.5	PA	0003	36	58.0	76	24.1	5		8			*			00.0			A	22.17	L	05	D	0.00	14.6	
08	07	64	14.5	PA	0003	36	58.0	76	24.1	5		8			*			01.0			A	22.28		*	T	0.17	14.6	
08	07	64	14.5	PA	0003	36	58.0	76	24.1	5		8			*			02.0			A	22.27	3	33	T	0.15	14.7	
08	07	64	14.5	PA	0003	36	58.0	76	24.1	5		8			*			03.0			A	22.27		*	T	0.17	14.7	
08	07	64	14.5	PA	0003	36	58.0	76	24.1	5		8			*			04.0			A	22.28		*	T	0.15	14.7	
08	07	64	14.5	PA	0003	36	58.0	76	24.1	5		8			*			05.0			A	22.19		*		*	*	
08	07	64	15.0	PA	0003	36	58.0	76	24.1	*5		1	26	19	06			00.0			A	22.10	L	23	D	0.21	15.1	
08	07	64	15.0	PA	0003	36	58.0	76	24.1	*5		1	26	19	06			01.0			A	22.22		*	T	0.20	15.1	
08	07	64	15.0	PA	0003	36	58.0	76	24.1	*5		1	26	19	06			02.0			A	22.22		*	T	0.10	15.2	
08	07	64	15.0	PA	0003	36	58.0	76	24.1	*5		1	26	19	06			03.0			A	22.25		*	T	0.12	15.2	
08	07	64	15.0	PA	0003	36	58.0	76	24.1	*5		1	26	19	06			04.0			A	22.26		*	T	0.12	13.5	
08	07	64	15.5	PA	0003	36	58.0	76	24.1	3		1			*			00.0			A	22.21	L	23	D	0.37	15.6	
08	07	64	15.5	PA	0003	36	58.0	76	24.1	3		1			*			01.0			A	22.33		*	T	0.15	15.6	
08	07	64	15.5	PA	0003	36	58.0	76	24.1	3		1			*			02.0			A	22.34		*	T	0.25	15.7	
08	07	64	15.5	PA	0003	36	58.0	76	24.1	3		1			*			03.0			A	22.21		*	T	0.12	15.7	
08	07	64	16.5	PA	0003	36	58.0	76	24.1	6		2			*			00.0			A	22.38	L	26	D	0.62	16.6	
08	07	64	16.5	PA	0003	36	58.0	76	24.1	6		2			*			01.0			A	22.35		*	T	0.52	16.6	
08	07	64	16.5	PA	0003	36	58.0	76	24.1	6		2			*			02.0			A	22.24		*	T	0.50	16.7	
08	07	64	16.5	PA	0003	36	58.0	76	24.1	6		2			*			03.0			A	21.61		*	T	0.50	16.7	
08	07	64	16.5	PA	0003	36	58.0	76	24.1	6		2			*			04.0			A	22.33		*	T	0.50	16.7	
08	07	64	17.0	PA	0003	36	58.0	76	24.1	*5		2	28	19	12			00.0			A	22.45	L	24	D	0.68	17.1	
08	07	64	17.0	PA	0003	36	58.0	76	24.1	*5		2	28	19	12			01.0			A	22.45		*	T	0.60	17.2	
08	07	64	17.0	PA	0003	36	58.0	76	24.1	*5		2	28	19	12			02.0			A	22.45		*	T	0.60	17.2	
08	07	64	17.0	PA	0003	36	58.0	76	24.1	*5		2	28	19	12			03.0			A	22.46		*	T	0.55	17.2	
08	07	64	17.0	PA	0003	36	58.0	76	24.1	*5		2	28	19	12			04.0			A	22.49		*	T	0.50	17.2	
08	07	64	17.5	PA	0003	36	58.0	76	24.1	6		2			*			00.0			A	22.47	L	25	D	0.50	17.2	
08	07	64	17.5	PA	0003	36	58.0	76	24.1	6		2			*			01.0			A	22.46		*	T	0.60	17.3	
08	07	64	17.5	PA	0003	36	58.0	76	24.1	6		2			*			02.0			A	22.48		*	T	0.60	17.3	
08	07	64	17.5	PA	0003	36	58.0	76	24.1	6		2			*			03.0			A	22.49		*	T	0.55	17.3	
08	07	64	17.5	PA	0003	36	58.0	76	24.1	6		2			*			04.0			A	22.51		*	T	0.50	17.3	
08	07	64	18.0	PA	0003	36	58.0	76	24.1	*6		2	27	18	07			00.0			A	22.70	L	24	D	0.68	18.1	
08	07	64	18.0	PA	0003	36	58.0	76	24.1	*6		2	27	18	07			01.0			A	22.69		*	T	0.62	18.2	
08	07	64	18.0	PA	0003	36	58.0	76	24.1	*6		2	27	18	07			02.0			A	22.69		*	T	0.60	18.2	
08	07	64	18.0	PA	0003	36	58.0	76	24.1	*6		2	27	18	07			03.0			A	22.69		*	T	0.50	18.2	
08	07	64	18.0	PA	0003	36	58.0	76	24.1	*6		2	27	18	07			04.0			A	22.71		*	T	0.50	18.2	
08	07	64	18.5	PA	0003	36	58.0	76	24.1	6		2			*			00.0			A	22.92	L	23	D	0.76	18.1	
08	07	64	18.5	PA	0003	36	58.0	76	24.1	6		2			*			01.0			A	22.90		*	T	0.63	18.2	
08	07	64	18.5	PA	0003	36	58.0	76	24.1	6		2			*			02.0			A	22.91		*	T	0.63	18.2	
08	07	64	18.5	PA	0003	36	58.0	76	24.1	6		2			*			03.0			A	22.90		*	T	0.60	18.2	
08	07	64	18.5	PA	0003	36	58.0	76	24.1	6		2			*			04.0			A	22.86		*	T	0.60	18.2	
08	07	64	19.0	PA	0003	36	58.0	76	24.1	*6		2	25	17	06			00.0			A	22.98	L	24	D	0.61	19.1	
08	07	64	19.0	PA	0003	36	58.0	76	24.1	*6		2	25	17	06			01.0			A	22.99		*	T	0.50	19.2	
08	07	64	19.0	PA	0003	36	58.0	76	24.1	*6		2	25	17	06			02.0			A	22.98		*	T	0.55	19.2	
08	07	64	19.0	PA	0003	36	58.0	76	24.1	*6		2	25	17	06			03.0			A	23.00		*	T	0.50	19.2	
08	07	64	19.0	PA	0003	36	58.0	76	24.1	*6		2	25	17	06			04.0			A	23.02		*	T	0.50	19.2	
08	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			00.0			A	23.03	L	24	D	0.57	19.6	
08	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			01.0			A	23.00		*	T	0.50	19.7	
08	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			02.0			A	23.02		*	T	0.45	19.7	
08	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			03.0			A	22.99		*	T	0.50	19.7	
08	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			04.0			A	23.02		*	T	0.45	19.7	
08	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	24	18	07			00.0			A	23.01	L	25	D	0.63	20.2	
08	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	24	18	07			01.0			A	22.96		*	T	0.49	20.1	
08	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	24	18	07			02.0			A	22.92		*	T	0.50	20.1	
08	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	24	18	07			03.0			A	22.95		*	T	0.48	20.1	
08	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	24	18	07			04.0			A	23.01		*	T	0.46	20.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
08	07	64	20.5	PA	0003	36	58.0	76	24.1	6		3			*			00.0			A	22.97	L	24	D	0.48	20.6		
08	07	64	20.5	PA	0003	36	58.0	76	24.1	6		3			*			01.0			A	22.98		*	T	0.44	20.6		
08	07	64	20.5	PA	0003	36	58.0	76	24.1	6		3			*			02.0			A	22.98		*	T	0.47	20.6		
08	07	64	20.5	PA	0003	36	58.0	76	24.1	6		3			*			03.0			A	23.04		*	T	0.42	20.6		
08	07	64	20.5	PA	0003	36	58.0	76	24.1	6		3			*			04.0			A	23.03		*	T	0.41	20.6		
08	07	64	21.0	PA	0003	36	58.0	76	24.1	*5		3	24	16	09			00.0			A	22.99	L	24	D	0.20	21.2		
08	07	64	21.0	PA	0003	36	58.0	76	24.1	*5		3	24	16	09			01.0			A	22.98		*	T	0.14	21.2		
08	07	64	21.0	PA	0003	36	58.0	76	24.1	*5		3	24	16	09			02.0			A	22.99		*	T	0.15	21.2		
08	07	64	21.0	PA	0003	36	58.0	76	24.1	*5		3	24	16	09			03.0			A	22.96		*	T	0.34	21.2		
08	07	64	21.0	PA	0003	36	58.0	76	24.1	*5		3	24	16	09			04.0			A	23.00		*	T	0.40	21.2		
08	07	64	21.5	PA	0003	36	58.0	76	24.1	5		4			*			00.0			A	22.99	L	08	D	0.00	21.7		
08	07	64	21.5	PA	0003	36	58.0	76	24.1	5		4			*			01.0			A	22.96		*	T	0.20	21.7		
08	07	64	21.5	PA	0003	36	58.0	76	24.1	5		4			*			02.0			A	22.95		*	T	0.31	21.7		
08	07	64	21.5	PA	0003	36	58.0	76	24.1	5		4			*			03.0			A	22.98		*	T	0.27	21.7		
08	07	64	21.5	PA	0003	36	58.0	76	24.1	5		4			*			05.0			A	22.97		*	T	0.24	21.7		
08	07	64	22.0	PA	0003	36	58.0	76	24.1	*5		5	23	18	07			01.0			A	22.99		*	T	0.15	22.2		
08	07	64	22.0	PA	0003	36	58.0	76	24.1	*5		5	23	18	07			02.0			A	22.97		*	T	0.21	22.2		
08	07	64	22.0	PA	0003	36	58.0	76	24.1	*5		5	23	18	07			03.0			A	23.02		*	T	0.30	22.2		
08	07	64	22.0	PA	0003	36	58.0	76	24.1	*5		5	23	18	07			04.0			A	23.03		*	T	0.25	22.2		
08	07	64	22.5	PA	0003	36	58.0	76	24.1	5		5			*			00.0			A	23.04	L	04	D	0.58	22.6		
08	07	64	22.5	PA	0003	36	58.0	76	24.1	5		5			*			01.0			A	23.01		*	T	0.36	22.6		
08	07	64	22.5	PA	0003	36	58.0	76	24.1	5		5			*			02.0			A	23.04		*	T	0.45	22.6		
08	07	64	22.5	PA	0003	36	58.0	76	24.1	5		5			*			03.0			A	23.03		*	T	0.30	22.6		
08	07	64	22.5	PA	0003	36	58.0	76	24.1	5		5			*			04.0			A	23.03		*	T	0.38	22.6		
08	07	64	23.0	PA	0003	36	58.0	76	24.1	*6		6	24	30	02			00.0			A	22.81	L	04	D	0.71	23.1		
08	07	64	23.0	PA	0003	36	58.0	76	24.1	*6		6	24	30	02			01.0			A	22.62		*	T	0.50	23.1		
08	07	64	23.0	PA	0003	36	58.0	76	24.1	*6		6	24	30	02			02.0			A	22.77		*	T	0.50	23.1		
08	07	64	23.0	PA	0003	36	58.0	76	24.1	*6		6	24	30	02			03.0			A	22.74		*	T	0.50	23.2		
08	07	64	23.0	PA	0003	36	58.0	76	24.1	*6		6	24	30	02			04.0			A	22.76		*	T	0.42	23.2		
08	07	64	23.5	PA	0003	36	58.0	76	24.1	6		6			*			00.0			A	22.69		*	D	0.53	23.6		
08	07	64	23.5	PA	0003	36	58.0	76	24.1	6		6			*			01.0			A	23.01		*	T	0.52	23.6		
08	07	64	23.5	PA	0003	36	58.0	76	24.1	6		6			*			02.0			A	22.99		*	T	0.50	23.6		
08	07	64	23.5	PA	0003	36	58.0	76	24.1	6		6			*			03.0			A	23.13		*	T	0.51	23.7		
08	07	64	23.5	PA	0003	36	58.0	76	24.1	6		6			*			04.0			A	23.01		*	T	0.50	23.7		
09	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	21	18	09			01.0			A	23.01		*	T	0.50	00.1		
09	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	21	18	09			02.0			A	22.89		*	T	0.50	00.1		
09	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	21	18	09			03.0			A	22.79		*	T	0.47	00.1		
09	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	21	18	09			04.0			A	22.88		*	T	0.42	00.1		
09	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			00.0			A	22.62	L	05	D	0.74	00.6		
09	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			01.0			A	22.79		*	T	0.50	00.6		
09	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			02.0			A	22.83		*	T	0.37	00.7		
09	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			03.0			A	22.72		*	T	0.51	00.7		
09	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			04.0			A	22.80		*	T	0.47	00.7		
09	07	64	01.0	PA	0003	36	58.0	76	24.1	5		6	23	3	06			00.0			A	22.80	L	03	D	0.65	01.1		
09	07	64	01.0	PA	0003	36	58.0	76	24.1	5		6	23	3	06			01.0			A	22.73		*	T	0.51	01.2		
08	07	64	16.5	PA	0003	36	58.0	76	24.1	6		2			*			05.0			A	22.26		*		*	*		
08	07	64	17.0	PA	0003	36	58.0	76	24.1	*5		2	28	19	12			05.0			A	22.47		*		*	*		
08	07	64	17.5	PA	0003	36	58.0	76	24.1	6		2			*			05.0			A	22.51		*		*	*		
08	07	64	17.5	PA	0003	36	58.0	76	24.1	6		2			*			06.0			A	22.53		*		*	*		
08	07	64	18.0	PA	0003	36	58.0	76	24.1	*6		2	27	18	07			05.0			A	22.76		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
08	07	64	18.5	PA	0003	36	58.0	76	24.1	6		2			*			06.0			A	22.99		*		*	*		
08	07	64	19.0	PA	0003	36	58.0	76	24.1	*6		2	25	17	06			05.0			A	23.01		*		*	*		
08	07	64	19.0	PA	0003	36	58.0	76	24.1	*6		2	25	17	06			06.0			A	22.99		*		*	*		
08	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			05.0			A	23.11		*		*	*		
08	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			06.0			A	22.94		*		*	*		
08	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	24	18	07			05.0			A	22.99		*		*	*		
08	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	24	18	07			06.0			A	23.05		*		*	*		
08	07	64	20.5	PA	0003	36	58.0	76	24.1	6		3			*			05.0			A	23.05		*		*	*		
08	07	64	20.5	PA	0003	36	58.0	76	24.1	6		3			*			06.0			A	23.08		*		*	*		
08	07	64	22.0	PA	0003	36	58.0	76	24.1	*5		5	23	18	07			00.0			A	22.96		*		*	22.1		
08	07	64	23.0	PA	0003	36	58.0	76	24.1	*6		6	24	30	02			05.0			A	22.75		*		*	*		
08	07	64	23.0	PA	0003	36	58.0	76	24.1	*6		6	24	30	02			06.0			A	22.73		*		*	*		
08	07	64	23.5	PA	0003	36	58.0	76	24.1	6		6			*			05.0			A	23.19		*		*	*		
08	07	64	23.5	PA	0003	36	58.0	76	24.1	6		6			*			06.0			A	23.00		*		*	*		
09	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	21	18	09			00.0			A	22.95	L	03	D	0.65	00.1		
09	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	21	18	09			05.0			A	22.67		*		*	*		
09	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			05.0			A	22.65		*		*	*		
09	07	64	01.0	PA	0003	36	58.0	76	24.1	5		6	23	3	06			02.0			A	22.72		*	T	0.47	01.2		
09	07	64	01.0	PA	0003	36	58.0	76	24.1	5		6	23	3	06			03.0			A	22.86		*	T	0.50	01.3		
09	07	64	01.0	PA	0003	36	58.0	76	24.1	5		6	23	3	06			04.0			A	22.69		*	T	0.47	01.3		
09	07	64	01.0	PA	0003	36	58.0	76	24.1	5		6	23	3	06			05.0			A	22.69		*		*	*		
09	07	64	01.5	PA	0003	36	58.0	76	24.1	5		7			*			00.0			A	22.78	L	04	D	0.43	01.6		
09	07	64	01.5	PA	0003	36	58.0	76	24.1	5		7			*			01.0			A	22.78		*	T	0.42	01.6		
09	07	64	01.5	PA	0003	36	58.0	76	24.1	5		7			*			02.0			A	22.81		*	T	0.42	01.6		
09	07	64	01.5	PA	0003	36	58.0	76	24.1	5		7			*			03.0			A	22.75		*	T	0.35	01.7		
09	07	64	01.5	PA	0003	36	58.0	76	24.1	5		7			*			04.0			A	22.68		*	T	0.31	01.7		
09	07	64	02.0	PA	0003	36	58.0	76	24.1	*5		7	22	20	05			00.0			A	22.82	L	03	D	0.30	02.1		
09	07	64	02.0	PA	0003	36	58.0	76	24.1	*5		7	22	20	05			01.0			A	22.79		*	T	0.37	02.2		
09	07	64	02.0	PA	0003	36	58.0	76	24.1	*5		7	22	20	05			02.0			A	22.79		*	T	0.38	02.2		
09	07	64	02.0	PA	0003	36	58.0	76	24.1	*5		7	22	20	05			03.0			A	22.77		*	T	0.35	02.2		
09	07	64	02.0	PA	0003	36	58.0	76	24.1	*5		7	22	20	05			04.0			A	22.82		*	T	0.32	02.2		
09	07	64	02.0	PA	0003	36	58.0	76	24.1	*5		7	22	20	05			05.0			A	22.83		*		*	*		
09	07	64	02.5	PA	0003	36	58.0	76	24.1	5		7			*			00.0			A	22.80	L	04	D	0.28	02.6		
09	07	64	02.5	PA	0003	36	58.0	76	24.1	5		7			*			01.0			A	22.78		*	T	0.33	02.7		
09	07	64	02.5	PA	0003	36	58.0	76	24.1	5		7			*			02.0			A	22.79		*	T	0.34	02.7		
09	07	64	02.5	PA	0003	36	58.0	76	24.1	5		7			*			03.0			A	22.81		*	T	0.29	02.7		
09	07	64	02.5	PA	0003	36	58.0	76	24.1	5		7			*			04.0			A	22.78		*	T	0.23	02.7		
09	07	64	02.5	PA	0003	36	58.0	76	24.1	5		7			*			05.0			A	22.80		*		*	*		
09	07	64	03.0	PA	0003	36	58.0	76	24.1	*5		7	23	22	03			00.0			A	22.66	L	04	D	0.13	03.1		
09	07	64	03.0	PA	0003	36	58.0	76	24.1	*5		7	23	22	03			01.0			A	22.69		*	T	0.16	03.2		
09	07	64	03.0	PA	0003	36	58.0	76	24.1	*5		7	23	22	03			02.0			A	22.75		*	T	0.17	03.2		
09	07	64	03.0	PA	0003	36	58.0	76	24.1	*5		7	23	22	03			03.0			A	22.72		*	T	0.10	03.2		
09	07	64	03.0	PA	0003	36	58.0	76	24.1	*5		7	23	22	03			04.0			A	22.74		*	T	0.05	03.2		
09	07	64	03.0	PA	0003	36	58.0	76	24.1	*5		7	23	22	03			05.0			A	22.76		*		*	*		
09	07	64	03.5	PA	0003	36	58.0	76	24.1	5		8			*			00.0			A	22.60	L	35	D	0.00	03.6		
09	07	64	03.5	PA	0003	36	58.0	76	24.1	5		8			*			01.0			A	22.61		*	T	0.15	03.7		
09	07	64	03.5	PA	0003	36	58.0	76	24.1	5		8			*			02.0			A	22.61		*	T	0.06	03.7		
09	07	64	03.5	PA	0003	36	58.0	76	24.1	5		8			*			03.0			A	22.65		*	T	0.07	03.7		
09	07	64	03.5	PA	0003	36	58.0	76	24.1	5		8			*			04.0			A	22.70		*	T	0.04	03.7		
09	07	64	03.5	PA	0003	36	58.0	76	24.1	5		8			*			05.0			A	22.78		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
09	07	64	04.0	PA	0003	36	58.0	76	24.1	*5		1	23	23	06			00.0			A	22.61	L	25	D	0.00	04.1		
09	07	64	04.0	PA	0003	36	58.0	76	24.1	*5		1	23	23	06			01.0			A	22.55		*	T	0.06	04.2		
09	07	64	04.0	PA	0003	36	58.0	76	24.1	*5		1	23	23	06			02.0			A	22.55		*	T	0.12	04.2		
09	07	64	04.0	PA	0003	36	58.0	76	24.1	*5		1	23	23	06			03.0			A	22.60		*	T	0.13	04.2		
09	07	64	04.0	PA	0003	36	58.0	76	24.1	*5		1	23	23	06			04.0			A	22.68		*	T	0.14	04.2		
09	07	64	04.0	PA	0003	36	58.0	76	24.1	*5		1	23	23	06			05.0			A	22.69		*		*	*		
09	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			00.0			A	22.57	L	23	D	0.30	04.6		
09	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			01.0			A	22.57		*	T	0.36	04.6		
09	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			02.0			A	22.57		*	T	0.40	04.6		
09	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			03.0			A	22.57		*	T	0.37	04.6		
09	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			04.0			A	22.65		*	T	0.34	04.6		
09	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			05.0			A	22.65		*		*	*		
09	07	64	05.0	PA	0003	36	58.0	76	24.1	*6		1	22	27	05			00.0			A	22.71	L	21	D	0.58	05.2		
09	07	64	05.0	PA	0003	36	58.0	76	24.1	*6		1	22	27	05			01.0			A	22.72		*	T	0.42	05.2		
09	07	64	05.0	PA	0003	36	58.0	76	24.1	*6		1	22	27	05			02.0			A	22.72		*	T	0.36	05.2		
09	07	64	05.0	PA	0003	36	58.0	76	24.1	*6		1	22	27	05			03.0			A	22.70		*	T	0.39	05.2		
09	07	64	05.0	PA	0003	36	58.0	76	24.1	*6		1	22	27	05			04.0			A	22.74		*	T	0.42	05.2		
09	07	64	05.0	PA	0003	36	58.0	76	24.1	*6		1	22	27	05			05.0			A	22.69		*		*	*		
09	07	64	05.5	PA	0003	36	58.0	76	24.1	6		2			*			00.0			A	22.81	L	21	D	0.66	05.6		
09	07	64	05.5	PA	0003	36	58.0	76	24.1	6		2			*			01.0			A	22.80		*	T	0.55	05.6		
09	07	64	05.5	PA	0003	36	58.0	76	24.1	6		2			*			02.0			A	22.81		*	T	0.50	05.6		
09	07	64	05.5	PA	0003	36	58.0	76	24.1	6		2			*			03.0			A	22.81		*	T	0.50	05.6		
09	07	64	05.5	PA	0003	36	58.0	76	24.1	6		2			*			04.0			A	22.79		*	T	0.50	05.6		
09	07	64	05.5	PA	0003	36	58.0	76	24.1	6		2			*			05.0			A	22.82		*		*	*		
09	07	64	06.0	PA	0003	36	58.0	76	24.1	*6		2	22	26	01			00.0			A	22.82	L	21	D	0.68	06.1		
09	07	64	06.0	PA	0003	36	58.0	76	24.1	*6		2	22	26	01			01.0			A	22.81		*	T	0.50	06.1		
09	07	64	06.0	PA	0003	36	58.0	76	24.1	*6		2	22	26	01			02.0			A	22.82		*	T	0.50	06.1		
09	07	64	06.0	PA	0003	36	58.0	76	24.1	*6		2	22	26	01			03.0			A	22.83		*	T	0.55	06.1		
09	07	64	06.0	PA	0003	36	58.0	76	24.1	*6		2	22	26	01			04.0			A	22.82		*	T	0.50	06.1		
09	07	64	06.0	PA	0003	36	58.0	76	24.1	*6		2	22	26	01			05.0			A	22.84		*		*	*		
09	07	64	06.0	PA	0003	36	58.0	76	24.1	*6		2	22	26	01			06.0			A	22.85		*		*	*		
09	07	64	06.5	PA	0003	36	58.0	76	24.1	6		2			*			00.0			A	22.96	L	21	D	0.74	06.6		
09	07	64	06.5	PA	0003	36	58.0	76	24.1	6		2			*			01.0			A	22.98		*	T	0.60	06.6		
09	07	64	06.5	PA	0003	36	58.0	76	24.1	6		2			*			02.0			A	22.98		*	T	0.60	06.6		
09	07	64	06.5	PA	0003	36	58.0	76	24.1	6		2			*			03.0			A	22.97		*	T	0.60	06.6		
09	07	64	06.5	PA	0003	36	58.0	76	24.1	6		2			*			04.0			A	22.98		*	T	0.50	06.6		
09	07	64	06.5	PA	0003	36	58.0	76	24.1	6		2			*			05.0			A	22.98		*		*	*		
09	07	64	06.5	PA	0003	36	58.0	76	24.1	6		2			*			06.0			A	22.98		*		*	*		
09	07	64	07.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			00.0			A	22.98	L	21	D	0.62	07.1		
09	07	64	07.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			01.0			A	22.95		*	T	0.55	07.1		
09	07	64	07.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			02.0			A	22.97		*	T	0.55	07.1		
09	07	64	07.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			03.0			A	23.00		*	T	0.50	07.1		
09	07	64	07.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			04.0			A	23.02		*	T	0.50	07.1		
09	07	64	07.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			05.0			A	23.02		*		*	*		
09	07	64	07.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			06.0			A	23.03		*		*	*		
09	07	64	07.5	PA	0003	36	58.0	76	24.1	6		2			*			00.0			A	23.14	L	21	D	0.80	07.6		
09	07	64	07.5	PA	0003	36	58.0	76	24.1	6		2			*			01.0			A	23.13		*	T	0.60	07.6		
09	07	64	07.5	PA	0003	36	58.0	76	24.1	6		2			*			02.0			A	23.13		*	T	0.60	07.6		
09	07	64	07.5	PA	0003	36	58.0	76	24.1	6		2			*			03.0			A	23.12		*	3	0.60	07.6		
09	07	64	07.5	PA	0003	36	58.0	76	24.1	6		2			*			04.0			A	23.13		*	T	0.60	07.6		
09	07	64	07.5	PA	0003	36	58.0	76	24.1	6		2			*			05.0			A	23.11		*		*	*		
09	07	64	07.5	PA	0003	36	58.0	76	24.1	6		2			*			06.0			A	23.10		*		*	*		
09	07	64	08.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			00.0			A	22.90	L	21	D	0.60	08.1		
09	07	64	08.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			01.0			A	22.87		*	T	0.50	08.1		
09	07	64	08.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			02.0			A	22.79		*	T	0.50	08.2		
09	07	64	08.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			03.0			A	22.91		*	T	0.47	08.2		
09	07	64	08.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			04.0			A	22.91		*	T	0.50	08.2		
09	07	64	08.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			05.0			A	22.87		*		*	*		
09	07	64	08.0	PA	0003	36	58.0	76	24.1	*6		2	22	31	01			06.0			A	22.86		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
09	07	64	08.5	PA	0003	36	58.0	76	24.1	6		2			*			00.0			A	22.72	L	21	D	0.43	08.6		
09	07	64	08.5	PA	0003	36	58.0	76	24.1	6		2			*			01.0			A	22.83		*	T	0.40	08.6		
09	07	64	08.5	PA	0003	36	58.0	76	24.1	6		2			*			02.0			A	22.83		*	T	0.40	08.7		
09	07	64	08.5	PA	0003	36	58.0	76	24.1	6		2			*			03.0			A	22.76		*	T	0.40	08.7		
09	07	64	08.5	PA	0003	36	58.0	76	24.1	6		2			*			04.0			A	22.62		*	T	0.35	08.7		
09	07	64	08.5	PA	0003	36	58.0	76	24.1	6		2			*			05.0			A	22.77		*		*	*		
09	07	64	08.5	PA	0003	36	58.0	76	24.1	6		2			*			06.0			A	22.86		*		*	*		
09	07	64	09.0	PA	0003	36	58.0	76	24.1	*6		3	24	31	01			00.0			A	22.58	L	21	D	0.28	09.1		
09	07	64	09.0	PA	0003	36	58.0	76	24.1	*6		3	24	31	01			01.0			A	22.72		*	T	0.30	09.1		
09	07	64	09.0	PA	0003	36	58.0	76	24.1	*6		3	24	31	01			02.0			A	22.79		*	T	0.27	09.2		
09	07	64	09.0	PA	0003	36	58.0	76	24.1	*6		3	24	31	01			03.0			A	22.78		*	T	0.27	09.2		
09	07	64	09.0	PA	0003	36	58.0	76	24.1	*6		3	24	31	01			04.0			A	22.92		*	T	0.30	09.2		
09	07	64	09.0	PA	0003	36	58.0	76	24.1	*6		3	24	31	01			05.0			A	22.93		*		*	*		
09	07	64	09.0	PA	0003	36	58.0	76	24.1	*6		3	24	31	01			06.0			A	22.93		*		*	*		
09	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			00.0			A	22.86	L	27	D	0.11	09.6		
09	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			01.0			A	22.86		*	T	0.15	09.6		
09	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			02.0			A	22.77		*	T	0.17	09.7		
09	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			03.0			A	22.88		*	T	0.12	09.7		
09	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			04.0			A	22.76		*	T	0.15	09.7		
09	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			05.0			A	22.91		*		*	*		
09	07	64	10.0	PA	0003	36	58.0	76	24.1	5		4	27		00			00.0			A	22.89	L	26	D	0.00	10.1		
09	07	64	10.0	PA	0003	36	58.0	76	24.1	5		4	27		00			01.0			A	22.88		*	T	0.07	10.1		
09	07	64	10.0	PA	0003	36	58.0	76	24.1	5		4	27		00			02.0			A	22.89		*	T	0.05	10.2		
09	07	64	10.0	PA	0003	36	58.0	76	24.1	5		4	27		00			03.0			A	22.74		*	T	0.02	10.2		
09	07	64	10.0	PA	0003	36	58.0	76	24.1	5		4	27		00			04.0			A	22.93		*	T	0.05	10.2		
09	07	64	10.0	PA	0003	36	58.0	76	24.1	5		4	27		00			05.0			A	22.74		*		*	*		
09	07	64	10.5	PA	0003	36	58.0	76	24.1	6		5			*			00.0			A	22.94	L	04	D	0.33	10.6		
09	07	64	10.5	PA	0003	36	58.0	76	24.1	6		5			*			01.0			A	22.92		*	T	0.25	10.6		
09	07	64	10.5	PA	0003	36	58.0	76	24.1	6		5			*			02.0			A	22.92		*	T	0.22	10.6		
09	07	64	10.5	PA	0003	36	58.0	76	24.1	6		5			*			03.0			A	23.11		*	T	0.27	10.7		
09	07	64	10.5	PA	0003	36	58.0	76	24.1	6		5			*			04.0			A	23.13		*	T	0.30	10.7		
09	07	64	10.5	PA	0003	36	58.0	76	24.1	6		5			*			05.0			A	23.18		*		*	*		
09	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	30	29	03			00.0			A	22.93	L	03	D	0.46	11.2		
09	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	30	29	03			01.0			A	22.94		*	T	0.30	11.1		
09	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	30	29	03			02.0			A	23.17		*	T	0.42	11.1		
09	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	30	29	03			03.0			A	23.17		*	T	0.45	11.1		
09	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	30	29	03			04.0			A	23.17		*	T	0.38	11.1		
09	07	64	11.0	PA	0003	36	58.0	76	24.1	*5		5	30	29	03			05.0			A	23.18		*		*	*		
09	07	64	11.5	PA	0003	36	58.0	76	24.1	5		5			*			01.0			A	23.07		*	T	0.44	11.6		
09	07	64	11.5	PA	0003	36	58.0	76	24.1	5		5			*			00.0			A	23.09	L	03	D	0.44	11.6		
09	07	64	11.5	PA	0003	36	58.0	76	24.1	5		5			*			02.0			A	23.13		*	T	0.50	11.6		
09	07	64	11.5	PA	0003	36	58.0	76	24.1	5		5			*			03.0			A	23.10		*	T	0.50	11.6		
09	07	64	11.5	PA	0003	36	58.0	76	24.1	5		5			*			04.0			A	23.18		*	T	0.50	11.6		
09	07	64	11.5	PA	0003	36	58.0	76	24.1	5		5			*			05.0			A	23.19		*		*	*		
09	07	64	12.0	PA	0003	36	58.0	76	24.1	*6		5	28	28	01			00.0			A	23.16	L	04	D	0.48	12.1		
09	07	64	12.0	PA	0003	36	58.0	76	24.1	*6		5	28	28	01			01.0			A	23.14		*	T	0.47	12.2		
09	07	64	12.0	PA	0003	36	58.0	76	24.1	*6		5	28	28	01			02.0			A	23.14		*	T	0.50	12.2		
09	07	64	12.0	PA	0003	36	58.0	76	24.1	*6		5	28	28	01			03.0			A	23.18		*	T	0.47	12.2		
09	07	64	12.0	PA	0003	36	58.0	76	24.1	*6		5	28	28	01			04.0			A	23.17		*	T	0.45	12.2		
09	07	64	12.0	PA	0003	36	58.0	76	24.1	*6		5	28	28	01			05.0			A	23.18		*		*	*		
09	07	64	12.0	PA	0003	36	58.0	76	24.1	*6		5	28	28	01			06.0			A	23.19		*		*	*		
09	07	64	12.5	PA	0003	36	58.0	76	24.1	6		6			*			00.0			A	22.88	L	03	D	0.54	12.6		
09	07	64	12.5	PA	0003	36	58.0	76	24.1	6		6			*			01.0			A	22.86		*	T	0.45	12.7		
09	07	64	12.5	PA	0003	36	58.0	76	24.1	6		6			*			02.0			A	22.83		*	T	0.47	12.7		
09	07	64	12.5	PA	0003	36	58.0	76	24.1	6		6			*			03.0			A	22.82		*	T	0.45	12.7		
09	07	64	12.5	PA	0003	36	58.0	76	24.1	6		6			*			04.0			A	22.82		*	T	0.43	12.7		
09	07	64	12.5	PA	0003	36	58.0	76	24.1	6		6			*			05.0			A	22.81		*		*	*		
09	07	64	12.5	PA	0003	36	58.0	76	24.1	6		6			*			06.0			A	22.76		*		*	*		
09	07	64	13.0	PA	0003	36	58.0	76	24.1	5		6	31	8	02			00.0			A	22.76	L	03	D	0.41	13.1		
09	07	64	13.0	PA	0003	36	58.0	76	24.1	5		6	31	8	02			01.0			A	22.72		*	T	0.40	13.2		
09	07	64	13.0	PA	0003	36	58.0	76	24.1	5		6	31	8	02			02.0			A	22.71		*	T	0.43	13.2		
09	07	64	13.0	PA	0003	36	58.0	76	24.1	5		6	31	8	02			03.0			A	22.70		*	T	0.45	13.3		
09	07	64	13.0	PA	0003	36	58.0	76	24.1	5		6	31	8	02			04.0			A	22.76		*	T	0.40	13.3		
09	07	64	13.0	PA	0003	36	58.0	76	24.1	5		6	31	8	02			05.0			A	22.73		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRECTION		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
09	07	64	13.5	PA	0003	36	58.0	76	24.1	5		7			*			00.0			A	22.75	L	02	D	0.30	13.6	
09	07	64	13.5	PA	0003	36	58.0	76	24.1	5		7			*			01.0			A	22.77		*	T	0.34	13.7	
09	07	64	13.5	PA	0003	36	58.0	76	24.1	5		7			*			02.0			A	22.79		*	T	0.35	13.8	
09	07	64	13.5	PA	0003	36	58.0	76	24.1	5		7			*			03.0			A	22.77		*	T	0.36	13.8	
09	07	64	13.5	PA	0003	36	58.0	76	24.1	5		7			*			04.0			A	22.81		*	T	0.33	13.8	
09	07	64	13.5	PA	0003	36	58.0	76	24.1	5		7			*			05.0			A	22.82		*		*	*	
09	07	64	14.0	PA	0003	36	58.0	76	24.1	5		7	28	7	03			00.0			A	22.77	L	01	D	0.24	14.2	
09	07	64	14.0	PA	0003	36	58.0	76	24.1	5		7	28	7	03			01.0			A	22.77		*	T	0.28	14.2	
09	07	64	14.0	PA	0003	36	58.0	76	24.1	5		7	28	7	03			02.0			A	22.81		*	T	0.25	14.2	
09	07	64	14.0	PA	0003	36	58.0	76	24.1	5		7	28	7	03			03.0			A	22.86		*	T	0.29	14.2	
09	07	64	14.0	PA	0003	36	58.0	76	24.1	5		7	28	7	03			04.0			A	22.90		*	T	0.29	14.2	
09	07	64	14.0	PA	0003	36	58.0	76	24.1	5		7	28	7	03			05.0			A	22.89		*		*	*	
09	07	64	14.5	PA	0003	36	58.0	76	24.1	5		7			*			00.0			A	22.79	L	04	D	0.11	14.7	
09	07	64	14.5	PA	0003	36	58.0	76	24.1	5		7			*			01.0			A	22.76		*	T	0.15	14.7	
09	07	64	14.5	PA	0003	36	58.0	76	24.1	5		7			*			02.0			A	22.79		*	T	0.17	14.7	
09	07	64	14.5	PA	0003	36	58.0	76	24.1	5		7			*			03.0			A	22.80		*	T	0.16	14.7	
09	07	64	14.5	PA	0003	36	58.0	76	24.1	5		7			*			04.0			A	22.81		*	T	0.18	14.7	
09	07	64	14.5	PA	0003	36	58.0	76	24.1	5		7			*			05.0			A	22.80		*		*	*	
09	07	64	15.0	PA	0003	36	58.0	76	24.1	5		8	28	6	04			00.0			A	22.80	L	24	D	0.00	15.1	
09	07	64	15.0	PA	0003	36	58.0	76	24.1	5		8	28	6	04			01.0			A	22.82		*	T	0.05	15.1	
09	07	64	15.0	PA	0003	36	58.0	76	24.1	5		8	28	6	04			02.0			A	22.82		*	T	0.07	15.1	
09	07	64	15.0	PA	0003	36	58.0	76	24.1	5		8	28	6	04			03.0			A	22.82		*	T	0.05	15.1	
09	07	64	15.0	PA	0003	36	58.0	76	24.1	5		8	28	6	04			04.0			A	22.83		*	T	0.05	15.1	
09	07	64	15.5	PA	0003	36	58.0	76	24.1	5		1			*			00.0			A	22.83	L	24	D	0.23	15.6	
09	07	64	15.5	PA	0003	36	58.0	76	24.1	5		1			*			01.0			A	22.82		*	T	0.18	15.6	
09	07	64	15.5	PA	0003	36	58.0	76	24.1	5		1			*			02.0			A	22.83		*	T	0.17	15.6	
09	07	64	15.5	PA	0003	36	58.0	76	24.1	5		1			*			03.0			A	22.84		*	T	0.14	15.6	
09	07	64	15.5	PA	0003	36	58.0	76	24.1	5		1			*			04.0			A	22.86		*	T	0.10	15.6	
09	07	64	16.0	PA	0003	36	58.0	76	24.1	5		1	27	7	02			00.0			A	22.82	L	24	D	0.24	16.1	
09	07	64	16.0	PA	0003	36	58.0	76	24.1	5		1	27	7	02			01.0			A	22.79		*	T	0.31	16.1	
09	07	64	16.0	PA	0003	36	58.0	76	24.1	5		1	27	7	02			02.0			A	22.79		*	T	0.31	16.1	
09	07	64	16.0	PA	0003	36	58.0	76	24.1	5		1	27	7	02			03.0			A	22.81		*	T	0.27	16.1	
09	07	64	16.0	PA	0003	36	58.0	76	24.1	5		1	27	7	02			04.0			A	22.82		*	T	0.24	16.1	
09	07	64	16.5	PA	0003	36	58.0	76	24.1	5		1			*			00.0			A	22.83	L	23	D	0.58	16.5	
09	07	64	16.5	PA	0003	36	58.0	76	24.1	5		1			*			01.0			A	22.83		*	T	0.47	16.5	
09	07	64	16.5	PA	0003	36	58.0	76	24.1	5		1			*			02.0			A	22.82		*	T	0.47	16.5	
09	07	64	16.5	PA	0003	36	58.0	76	24.1	5		1			*			03.0			A	22.82		*	T	0.43	16.5	
09	07	64	16.5	PA	0003	36	58.0	76	24.1	5		1			*			04.0			A	22.82		*	T	0.39	16.5	
09	07	64	17.0	PA	0003	36	58.0	76	24.1	5		2	25	9	06			00.0			A	22.86	L	23	D	0.62	17.1	
09	07	64	17.0	PA	0003	36	58.0	76	24.1	5		2	25	9	06			01.0			A	22.82		*	T	0.50	17.1	
09	07	64	17.0	PA	0003	36	58.0	76	24.1	5		2	25	9	06			02.0			A	22.82		*	T	0.47	17.2	
09	07	64	17.0	PA	0003	36	58.0	76	24.1	5		2	25	9	06			03.0			A	22.83		*	T	0.40	17.2	
09	07	64	17.0	PA	0003	36	58.0	76	24.1	5		2	25	9	06			04.0			A	22.83		*	T	0.45	17.2	
09	07	64	17.5	PA	0003	36	58.0	76	24.1	5		2			*			00.0			A	22.83	L	23	D	0.73	17.6	
09	07	64	17.5	PA	0003	36	58.0	76	24.1	5		2			*			01.0			A	22.81		*	T	0.47	17.6	
09	07	64	17.5	PA	0003	36	58.0	76	24.1	5		2			*			02.0			A	22.79		*	T	0.52	17.6	
09	07	64	17.5	PA	0003	36	58.0	76	24.1	5		2			*			03.0			A	22.78		*	T	0.50	17.7	
09	07	64	17.5	PA	0003	36	58.0	76	24.1	5		2			*			04.0			A	22.81		*	T	0.50	17.7	
09	07	64	17.5	PA	0003	36	58.0	76	24.1	5		2			*			05.0			A	22.81		*		*	*	
09	07	64	18.0	PA	0003	36	58.0	76	24.1	*5		2	25	11	07			00.0			A	22.91	L	23	D	0.87	18.1	
09	07	64	18.0	PA	0003	36	58.0	76	24.1	*5		2	25	11	07			01.0			A	22.88		*	T	0.50	18.2	
09	07	64	18.0	PA	0003	36	58.0	76	24.1	*5		2	25	11	07			02.0			A	22.86		*	T	0.51	18.2	
09	07	64	18.0	PA	0003	36	58.0	76	24.1	*5		2	25	11	07			03.0			A	22.88		*	T	0.52	18.3	
09	07	64	18.0	PA	0003	36	58.0	76	24.1	*5		2	25	11	07			04.0			A	22.88		*	T	0.50	18.3	
09	07	64	18.0	PA	0003	36	58.0	76	24.1	*5		2	25	11	07			05.0			A	22.89		*		*	*	
09	07	64	18.5	PA	0003	36	58.0	76	24.1	5		2			*			00.0			A	23.16	L	23	D	0.87	18.6	
09	07	64	18.5	PA	0003	36	58.0	76	24.1	5		2			*			01.0			A	23.16		*	T	0.51	18.6	
09	07	64	18.5	PA	0003	36	58.0	76	24.1	5		2			*			02.0			A	23.17		*	T	0.51	18.7	
09	07	64	18.5	PA	0003	36	58.0	76	24.1	5		2			*			03.0			A	23.13		*	T	0.03	18.7	
09	07	64	18.5	PA	0003	36	58.0	76	24.1	5		2			*			04.0			A	23.18		*	T	0.53	18.7	
09	07	64	18.5	PA	0003	36	58.0	76	24.1	5		2			*			05.0			A	23.16		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
09	07	64	19.0	PA	0003	36	58.0	76	24.1	6		2		9	01			00.0			A	23.11	L	23	D	0.74	19.1		
09	07	64	19.0	PA	0003	36	58.0	76	24.1	6		2		9	01			01.0			A	23.11		*	T	0.52	19.1		
09	07	64	19.0	PA	0003	36	58.0	76	24.1	6		2		9	01			02.0			A	23.11		*	T	0.51	19.2		
09	07	64	19.0	PA	0003	36	58.0	76	24.1	6		2		9	01			03.0			A	23.11		*	T	0.50	19.2		
09	07	64	19.0	PA	0003	36	58.0	76	24.1	6		2		9	01			04.0			A	23.12		*	T	0.50	19.2		
09	07	64	19.0	PA	0003	36	58.0	76	24.1	6		2		9	01			05.0			A	23.12		*		*	*		
09	07	64	19.0	PA	0003	36	58.0	76	24.1	6		2		9	01			06.0			A	23.12		*		*	*		
09	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			00.0			A	22.98	L	22	D	0.73	19.6		
09	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			01.0			A	23.05		*	T	0.52	19.6		
09	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			02.0			A	23.06		*	T	0.50	19.7		
09	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			03.0			A	23.04		*	T	0.50	19.7		
09	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			04.0			A	23.06		*	T	0.50	19.7		
09	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			05.0			A	23.03		*		*	*		
09	07	64	19.5	PA	0003	36	58.0	76	24.1	6		2			*			06.0			A	23.06		*		*	*		
09	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	23	14	01			00.0			A	22.99	L	23	D	0.60	20.1		
09	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	23	14	01			01.0			A	23.03		*	T	0.50	20.1		
09	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	23	14	01			02.0			A	23.02		*	T	0.52	20.2		
09	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	23	14	01			03.0			A	23.04		*	T	0.48	20.2		
09	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	23	14	01			04.0			A	23.03		*	T	0.52	20.2		
09	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	23	14	01			05.0			A	23.03		*		*	*		
09	07	64	20.0	PA	0003	36	58.0	76	24.1	*6		2	23	14	01			06.0			A	23.02		*		*	*		
09	07	64	20.5	PA	0003	36	58.0	76	24.1	6		2			*			00.0			A	22.86	L	22	D	0.58	20.6		
09	07	64	20.5	PA	0003	36	58.0	76	24.1	6		2			*			01.0			A	23.00		*	T	0.50	20.7		
09	07	64	20.5	PA	0003	36	58.0	76	24.1	6		2			*			02.0			A	22.99		*	T	0.45	20.7		
09	07	64	20.5	PA	0003	36	58.0	76	24.1	6		2			*			03.0			A	23.02		*	T	0.40	20.7		
09	07	64	20.5	PA	0003	36	58.0	76	24.1	6		2			*			04.0			A	23.00		*	T	0.40	20.7		
09	07	64	20.5	PA	0003	36	58.0	76	24.1	6		2			*			05.0			A	22.98		*		*	*		
09	07	64	20.5	PA	0003	36	58.0	76	24.1	6		2			*			06.0			A	23.02		*		*	*		
09	07	64	21.0	PA	0003	36	58.0	76	24.1	*5		3	22	16	01			00.0			A	22.92	L	23	D	0.39	21.1		
09	07	64	21.0	PA	0003	36	58.0	76	24.1	*5		3	22	16	01			01.0			A	23.02		*	T	0.38	21.2		
09	07	64	21.0	PA	0003	36	58.0	76	24.1	*5		3	22	16	01			02.0			A	23.00		*	T	0.38	21.2		
09	07	64	21.0	PA	0003	36	58.0	76	24.1	*5		3	22	16	01			03.0			A	23.01		*	T	0.35	21.2		
09	07	64	21.0	PA	0003	36	58.0	76	24.1	*5		3	22	16	01			04.0			A	23.01		*	T	0.35	21.2		
09	07	64	21.0	PA	0003	36	58.0	76	24.1	*5		3	22	16	01			05.0			A	23.00		*		*	*		
09	07	64	21.5	PA	0003	36	58.0	76	24.1	5		3			*			00.0			A	23.00	L	23	D	0.34	21.6		
09	07	64	21.5	PA	0003	36	58.0	76	24.1	5		3			*			01.0			A	23.02		*	T	0.30	21.7		
09	07	64	21.5	PA	0003	36	58.0	76	24.1	5		3			*			02.0			A	23.02		*	T	0.27	21.7		
09	07	64	21.5	PA	0003	36	58.0	76	24.1	5		3			*			03.0			A	23.02		*	T	0.24	21.7		
09	07	64	21.5	PA	0003	36	58.0	76	24.1	5		3			*			04.0			A	23.02		*	T	0.27	21.7		
09	07	64	21.5	PA	0003	36	58.0	76	24.1	5		3			*			05.0			A	23.01		*		*	*		
09	07	64	22.0	PA	0003	36	58.0	76	24.1	6		3	22	8	00			00.0			A	22.99	L	22	D	0.11	22.2		
09	07	64	22.0	PA	0003	36	58.0	76	24.1	6		3	22	8	00			01.0			A	23.02		*	T	0.17	22.3		
09	07	64	22.0	PA	0003	36	58.0	76	24.1	6		3	22	8	00			02.0			A	23.03		*	T	0.18	22.3		
09	07	64	22.0	PA	0003	36	58.0	76	24.1	6		3	22	8	00			03.0			A	23.02		*	T	0.16	22.3		
09	07	64	22.0	PA	0003	36	58.0	76	24.1	6		3	22	8	00			04.0			A	23.04		*	T	0.12	22.3		
09	07	64	22.0	PA	0003	36	58.0	76	24.1	6		3	22	8	00			05.0			A	22.99		*		*	*		
09	07	64	22.0	PA	0003	36	58.0	76	24.1	6		3	22	8	00			06.0			A	23.04		*		*	*		
09	07	64	22.5	PA	0003	36	58.0	76	24.1	6		4			*			00.0			A	23.02	L	15	D	0.00	22.6		
09	07	64	22.5	PA	0003	36	58.0	76	24.1	6		4			*			01.0			A	22.05		*	T	0.07	22.7		
09	07	64	22.5	PA	0003	36	58.0	76	24.1	6		4			*			02.0			A	23.04		*	T	0.05	22.7		
09	07	64	22.5	PA	0003	36	58.0	76	24.1	6		4			*			03.0			A	23.00		*	T	0.05	22.7		
09	07	64	22.5	PA	0003	36	58.0	76	24.1	6		4			*			04.0			A	23.09		*	T	0.04	22.7		
09	07	64	22.5	PA	0003	36	58.0	76	24.1	6		4			*			05.0			A	23.12		*		*	*		
09	07	64	22.5	PA	0003	36	58.0	76	24.1	6		4			*			06.0			A	23.00		*		*	*		
09	07	64	23.0	PA	0003	36	58.0	76	24.1	6		5	22		00			00.0			A	23.00	L	06	D	0.27	23.2		
09	07	64	23.0	PA	0003	36	58.0	76	24.1	6		5	22		00			01.0			A	22.88		*	T	0.12	23.2		
09	07	64	23.0	PA	0003	36	58.0	76	24.1	6		5	22		00			02.0			A	23.14		*	T	0.15	23.2		
09	07	64	23.0	PA	0003	36	58.0	76	24.1	6		5	22		00			03.0			A	23.23		*	T	0.18	23.2		
09	07	64	23.0	PA	0003	36	58.0	76	24.1	6		5	22		00			04.0			A	23.31		*	T	0.19	23.2		
09	07	64	23.0	PA	0003	36	58.0	76	24.1	6		5	22		00			05.0			A	23.38		*		*	*		
09	07	64	23.0	PA	0003	36	58.0	76	24.1	6		5	22		00			06.0			A	23.35		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
09	07	64	23.5	PA	0003	36	58.0	76	24.1	6		5			*			00.0			A	22.91	L	05	D	0.56	23.7	
09	07	64	23.5	PA	0003	36	58.0	76	24.1	6		5			*			01.0			A	23.09		*	T	0.47	23.6	
09	07	64	23.5	PA	0003	36	58.0	76	24.1	6		5			*			02.0			A	23.25		*	T	0.43	23.6	
09	07	64	23.5	PA	0003	36	58.0	76	24.1	6		5			*			03.0			A	23.27		*	T	0.41	23.6	
09	07	64	23.5	PA	0003	36	58.0	76	24.1	6		5			*			04.0			A	23.22		*	T	0.38	23.6	
09	07	64	23.5	PA	0003	36	58.0	76	24.1	6		5			*			05.0			A	23.27		*		*	*	
09	07	64	23.5	PA	0003	36	58.0	76	24.1	6		5			*			06.0			A	23.31		*		*	*	
10	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	22	15	00			00.0			A	23.23	L	05	D	0.63	00.1	
10	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	22	15	00			01.0			A	23.44		*	T	0.50	00.1	
10	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	22	15	00			02.0			A	23.49		*	T	0.50	00.1	
10	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	22	15	00			03.0			A	23.48		*	T	0.50	00.1	
10	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	22	15	00			04.0			A	23.49		*	T	0.50	00.1	
10	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	22	15	00			05.0			A	23.52		*		*	*	
10	07	64	00.0	PA	0003	36	58.0	76	24.1	*6		6	22	15	00			06.0			A	23.51		*		*	*	
10	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			00.0			A	23.51	L	05	D	0.57	00.6	
10	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			01.0			A	23.60		*	T	0.50	00.6	
10	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			02.0			A	23.71		*	T	0.50	00.6	
10	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			03.0			A	23.68		*	T	0.55	00.6	
10	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			04.0			A	23.70		*	T	0.50	00.6	
10	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			05.0			A	23.70		*		*	*	
10	07	64	00.5	PA	0003	36	58.0	76	24.1	6		6			*			06.0			A	23.65		*		*	*	
10	07	64	01.0	PA	0003	36	58.0	76	24.1	*6		6	22	19	01			00.0			A	23.42	L	05	D	0.61	01.1	
10	07	64	01.0	PA	0003	36	58.0	76	24.1	*6		6	22	19	01			01.0			A	23.42		*	T	0.49	01.1	
10	07	64	01.0	PA	0003	36	58.0	76	24.1	*6		6	22	19	01			02.0			A	23.40		*	T	0.50	01.1	
10	07	64	01.0	PA	0003	36	58.0	76	24.1	*6		6	22	19	01			03.0			A	23.42		*	T	0.50	01.1	
10	07	64	01.0	PA	0003	36	58.0	76	24.1	*6		6	22	19	01			04.0			A	23.37		*	T	0.49	01.1	
10	07	64	01.0	PA	0003	36	58.0	76	24.1	*6		6	22	19	01			05.0			A	23.36		*		*	*	
10	07	64	01.0	PA	0003	36	58.0	76	24.1	*6		6	22	19	01			06.0			A	23.37		*		*	*	
10	07	64	01.5	PA	0003	36	58.0	76	24.1	6		6			*			00.0			A	23.28	L	05	D	0.57	01.6	
10	07	64	01.5	PA	0003	36	58.0	76	24.1	6		6			*			01.0			A	23.27		*	T	0.50	01.6	
10	07	64	01.5	PA	0003	36	58.0	76	24.1	6		6			*			02.0			A	23.24		*	T	0.45	01.6	
10	07	64	01.5	PA	0003	36	58.0	76	24.1	6		6			*			03.0			A	23.25		*	T	0.40	01.6	
10	07	64	01.5	PA	0003	36	58.0	76	24.1	6		6			*			04.0			A	23.25		*	T	0.48	01.6	
10	07	64	01.5	PA	0003	36	58.0	76	24.1	6		6			*			05.0			A	23.26		*		*	*	
10	07	64	02.0	PA	0003	36	58.0	76	24.1	*6		6	22	34	01			00.0			A	23.26	L	05	D	0.53	02.1	
10	07	64	02.0	PA	0003	36	58.0	76	24.1	*6		6	22	34	01			01.0			A	23.25		*	T	0.42	02.1	
10	07	64	02.0	PA	0003	36	58.0	76	24.1	*6		6	22	34	01			02.0			A	23.24		*	T	0.45	02.2	
10	07	64	02.0	PA	0003	36	58.0	76	24.1	*6		6	22	34	01			03.0			A	23.21		*	T	0.40	02.2	
10	07	64	02.0	PA	0003	36	58.0	76	24.1	*6		6	22	34	01			04.0			A	23.20		*	T	0.30	02.2	
10	07	64	02.0	PA	0003	36	58.0	76	24.1	*6		6	22	34	01			05.0			A	23.23		*		*	*	
10	07	64	02.5	PA	0003	36	58.0	76	24.1	6		6			*			00.0			A	23.25	L	04	D	0.40	02.6	
10	07	64	02.5	PA	0003	36	58.0	76	24.1	6		6			*			01.0			A	23.24		*	T	0.40	02.6	
10	07	64	02.5	PA	0003	36	58.0	76	24.1	6		6			*			02.0			A	23.24		*	T	0.32	02.7	
10	07	64	02.5	PA	0003	36	58.0	76	24.1	6		6			*			03.0			A	23.25		*	T	0.35	02.7	
10	07	64	02.5	PA	0003	36	58.0	76	24.1	6		6			*			04.0			A	23.23		*	T	0.32	02.7	
10	07	64	02.5	PA	0003	36	58.0	76	24.1	6		6			*			05.0			A	23.26		*		*	*	
10	07	64	03.0	PA	0003	36	58.0	76	24.1	5		7	22	7	01			00.0			A	23.25	L	03	D	0.36	03.1	
10	07	64	03.0	PA	0003	36	58.0	76	24.1	5		7	22	7	01			01.0			A	23.22		*	T	0.20	03.1	
10	07	64	03.0	PA	0003	36	58.0	76	24.1	5		7	22	7	01			02.0			A	23.18		*	T	0.22	03.2	
10	07	64	03.0	PA	0003	36	58.0	76	24.1	5		7	22	7	01			03.0			A	23.20		*	T	0.25	03.2	
10	07	64	03.0	PA	0003	36	58.0	76	24.1	5		7	22	7	01			04.0			A	23.21		*	T	0.27	03.3	
10	07	64	03.0	PA	0003	36	58.0	76	24.1	5		7	22	7	01			05.0			A	23.19		*		*	*	
10	07	64	03.5	PA	0003	36	58.0	76	24.1	5		7			*			00.0			A	23.19	L	03	D	0.23	03.6	
10	07	64	03.5	PA	0003	36	58.0	76	24.1	5		7			*			01.0			A	23.17		*	T	0.25	03.6	
10	07	64	03.5	PA	0003	36	58.0	76	24.1	5		7			*			02.0			A	23.17		*	T	0.21	03.7	
10	07	64	03.5	PA	0003	36	58.0	76	24.1	5		7			*			03.0			A	23.19		*	T	0.15	03.7	
10	07	64	03.5	PA	0003	36	58.0	76	24.1	5		7			*			04.0			A	23.23		*	T	0.15	03.7	
10	07	64	03.5	PA	0003	36	58.0	76	24.1	5		7			*			05.0			A	23.27		*		*	*	
10	07	64	04.0	PA	0003	36	58.0	76	24.1	5		8	22	3	07			00.0			A	23.08	L	03	D	0.00	04.1	
10	07	64	04.0	PA	0003	36	58.0	76	24.1	5		8	22	3	07			01.0			A	23.02		*	T	0.10	04.1	
10	07	64	04.0	PA	0003	36	58.0	76	24.1	5		8	22	3	07			02.0			A	23.02		*	T	0.15	04.2	
10	07	64	04.0	PA	0003	36	58.0	76	24.1	5		8	22	3	07			03.0			A	23.07		*	T	0.12	04.2	
10	07	64	04.0	PA	0003	36	58.0	76	24.1	5		8	22	3	07			04.0			A	23.09		*	T	0.20	04.2	
10	07	64	04.0	PA	0003	36	58.0	76	24.1	5		8	22	3	07			05.0			A	23.13		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
10	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			00.0			A	23.11	L	22	D	0.11	04.6		
10	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			01.0			A	23.09		*	T	0.05	04.6		
10	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			02.0			A	23.09		*	T	0.25	04.7		
10	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			03.0			A	23.15		*	T	0.20	04.7		
10	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			04.0			A	23.17		*	T	0.15	04.7		
10	07	64	04.5	PA	0003	36	58.0	76	24.1	5		1			*			05.0			A	23.18		*		*	*		
10	07	64	05.0	PA	0003	36	58.0	76	24.1	5		1	22	5	06			00.0			A	23.03	L	24	D	0.15	05.1		
10	07	64	05.0	PA	0003	36	58.0	76	24.1	5		1	22	5	06			01.0			A	23.01		00	T	0.25	05.2		
10	07	64	05.0	PA	0003	36	58.0	76	24.1	5		1	22	5	06			02.0			A	23.01		00	T	0.20	05.2		
10	07	64	05.0	PA	0003	36	58.0	76	24.1	5		1	22	5	06			03.0			A	23.10		00	T	0.25	05.2		
10	07	64	05.0	PA	0003	36	58.0	76	24.1	5		1	22	5	06			04.0			A	23.12		00	T	0.25	05.2		
10	07	64	05.0	PA	0003	36	58.0	76	24.1	5		1	22	5	06			05.0			A	23.10		*		*	*		
10	07	64	05.5	PA	0003	36	58.0	76	24.1	5		1			*			00.0			A	23.04	L	22	D	0.30	05.6		
10	07	64	05.5	PA	0003	36	58.0	76	24.1	5		1			*			01.0			A	23.04		*	T	0.35	05.7		
10	07	64	05.5	PA	0003	36	58.0	76	24.1	5		1			*			02.0			A	23.03		*	T	0.32	05.7		
10	07	64	05.5	PA	0003	36	58.0	76	24.1	5		1			*			03.0			A	23.05		*	T	0.40	05.7		
10	07	64	05.5	PA	0003	36	58.0	76	24.1	5		1			*			04.0			A	23.07		*	T	0.37	05.7		
10	07	64	05.5	PA	0003	36	58.0	76	24.1	5		1			*			05.0			A	23.02		*		*	*		
10	07	64	06.0	PA	0003	36	58.0	76	24.1	5		1	23	4	00			00.0			A	23.13	L	23	D	0.44	06.2		
10	07	64	06.0	PA	0003	36	58.0	76	24.1	5		1	23	4	00			01.0			A	23.13		*	T	0.45	06.2		
10	07	64	06.0	PA	0003	36	58.0	76	24.1	5		1	23	4	00			02.0			A	23.14		*	T	0.45	06.2		
10	07	64	06.0	PA	0003	36	58.0	76	24.1	5		1	23	4	00			03.0			A	23.16		*	T	0.47	06.2		
10	07	64	06.0	PA	0003	36	58.0	76	24.1	5		1	23	4	00			04.0			A	23.16		*	T	0.45	06.2		
10	07	64	06.0	PA	0003	36	58.0	76	24.1	5		1	23	4	00			05.0			A	23.17		*		*	*		
10	07	64	06.5	PA	0003	36	58.0	76	24.1	5		2			*			00.0			A	23.21	L	23	D	0.56	06.6		
10	07	64	06.5	PA	0003	36	58.0	76	24.1	5		2			*			01.0			A	23.22		*	T	0.50	06.7		
10	07	64	06.5	PA	0003	36	58.0	76	24.1	5		2			*			02.0			A	23.21		*	T	0.50	06.7		
10	07	64	06.5	PA	0003	36	58.0	76	24.1	5		2			*			03.0			A	23.22		*	T	0.55	06.7		
10	07	64	06.5	PA	0003	36	58.0	76	24.1	5		2			*			04.0			A	23.22		*	T	0.40	06.7		
10	07	64	06.5	PA	0003	36	58.0	76	24.1	5		2			*			05.0			A	23.22		*		*	*		
10	07	64	07.0	PA	0003	36	58.0	76	24.1	5		2	23	9	06			00.0			A	23.19		*	D	0.71	07.1		
10	07	64	07.0	PA	0003	36	58.0	76	24.1	5		2	23	9	06			01.0			A	23.19		*	T	0.50	07.2		
10	07	64	07.0	PA	0003	36	58.0	76	24.1	5		2	23	9	06			02.0			A	23.21		*	T	0.50	07.2		
10	07	64	07.0	PA	0003	36	58.0	76	24.1	5		2	23	9	06			03.0			A	23.21		*	T	0.40	07.2		
10	07	64	07.0	PA	0003	36	58.0	76	24.1	5		2	23	9	06			05.0			A	23.21		*	T	0.38	07.2		
10	07	64	07.0	PA	0003	36	58.0	76	24.1	5		2	23	9	06			05.0			A	23.21		*		*	*		
10	07	64	07.5	PA	0003	36	58.0	76	24.1	5		2			*			00.0			A	23.22	L	22	D	0.68	07.6		
10	07	64	07.5	PA	0003	36	58.0	76	24.1	5		2			*			01.0			A	23.21		*	T	0.60	07.7		
10	07	64	07.5	PA	0003	36	58.0	76	24.1	5		2			*			02.0			A	23.21		*	T	0.55	07.7		
10	07	64	07.5	PA	0003	36	58.0	76	24.1	5		2			*			03.0			A	23.21		*	T	0.55	07.7		
10	07	64	07.5	PA	0003	36	58.0	76	24.1	5		2			*			04.0			A	23.22		*	T	0.45	07.7		
10	07	64	07.5	PA	0003	36	58.0	76	24.1	5		2			*			05.0			A	23.21		*		*	*		
10	07	64	08.0	PA	0003	36	58.0	76	24.1	5		2	24	7	05			00.0			A	23.24	L	23	D	0.68	08.1		
10	07	64	08.0	PA	0003	36	58.0	76	24.1	5		2	24	7	05			01.0			A	23.24		*	T	0.50	08.1		
10	07	64	08.0	PA	0003	36	58.0	76	24.1	5		2	24	7	05			02.0			A	23.24		*	T	0.50	08.1		
10	07	64	08.0	PA	0003	36	58.0	76	24.1	5		2	24	7	05			03.0			A	23.24		*	T	0.50	08.1		
10	07	64	08.0	PA	0003	36	58.0	76	24.1	5		2	24	7	05			04.0			A	23.24		*	T	0.50	08.1		
10	07	64	08.0	PA	0003	36	58.0	76	24.1	5		2	24	7	05			05.0			A	23.23		*		*	*		
10	07	64	08.5	PA	0003	36	58.0	76	24.1	5		2			*			00.0			A	23.34	L	22	D	0.68	08.6		
10	07	64	08.5	PA	0003	36	58.0	76	24.1	5		2			*			01.0			A	23.33		*	T	0.55	08.6		
10	07	64	08.5	PA	0003	36	58.0	76	24.1	5		2			*			02.0			A	23.34		*	T	0.50	08.6		
10	07	64	08.5	PA	0003	36	58.0	76	24.1	5		2			*			03.0			A	23.34		*	T	0.50	08.6		
10	07	64	08.5	PA	0003	36	58.0	76	24.1	5		2			*			04.0			A	23.34		*	T	0.50	08.6		
10	07	64	08.5	PA	0003	36	58.0	76	24.1	5		2			*			05.0			A	23.34		*		*	*		
10	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		2	26	28	03			00.0			A	23.30	L	22	D	0.60	09.1		
10	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		2	26	28	03			01.0			A	23.27		*	T	0.50	09.1		
10	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		2	26	28	03			02.0			A	23.27		*	T	0.50	09.1		
10	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		2	26	28	03			03.0			A	23.25		*	T	0.49	09.1		
10	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		2	26	28	03			04.0			A	23.26		*	T	0.47	09.1		
10	07	64	09.0	PA	0003	36	58.0	76	24.1	*5		2	26	28	03			05.0			A	23.26		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
10	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			00.0			A	23.23	L	22	D	0.53	09.6		
10	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			01.0			A	23.21		*	T	0.47	09.6		
10	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			02.0			A	23.20		*	T	0.47	09.6		
10	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			03.0			A	23.19		*	T	0.44	09.6		
10	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			04.0			A	23.19		*	T	0.43	09.6		
10	07	64	09.5	PA	0003	36	58.0	76	24.1	5		3			*			05.0			A	23.19		*		*	*		
10	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		3	27	10	03			00.0			A	23.19	L	22	D	0.30	10.2		
10	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		3	27	10	03			01.0			A	23.17		*	T	0.31	10.1		
10	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		3	27	10	03			02.0			A	23.15		*	T	0.28	10.1		
10	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		3	27	10	03			03.0			A	23.16		*	T	0.25	10.1		
10	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		3	27	10	03			04.0			A	23.16		*	T	0.23	10.1		
10	07	64	10.0	PA	0003	36	58.0	76	24.1	*5		3	27	10	03			05.0			A	23.16		*		*	*		
10	07	64	10.5	PA	0003	36	58.0	76	24.1	4		3			*			00.0			A	23.16	L	22	D	0.11	10.6		
10	07	64	10.5	PA	0003	36	58.0	76	24.1	4		3			*			01.0			A	23.29		*	T	0.17	10.6		
10	07	64	10.5	PA	0003	36	58.0	76	24.1	4		3			*			02.0			A	23.15		*	T	0.12	10.6		
10	07	64	10.5	PA	0003	36	58.0	76	24.1	4		3			*			03.0			A	23.16		*	T	0.11	10.6		
10	07	64	10.5	PA	0003	36	58.0	76	24.1	4		3			*			04.0			A	23.17		*	T	0.08	10.6		
10	07	64	11.0	PA	0003	36	58.0	76	24.1	*4		4	28	10	03			00.0			A	23.16	L	02	D	0.00	11.1		
10	07	64	11.0	PA	0003	36	58.0	76	24.1	*4		4	28	10	03			01.0			A	23.13		*	T	0.07	11.1		
10	07	64	11.0	PA	0003	36	58.0	76	24.1	*4		4	28	10	03			02.0			A	23.17		*	T	0.05	11.2		
10	07	64	11.0	PA	0003	36	58.0	76	24.1	*4		4	28	10	03			04.0			A	23.21		*	T	0.07	11.2		
10	07	64	11.5	PA	0003	36	58.0	76	24.1	5		5			*			00.0			A	23.13	L	04	D	0.28	11.6		
10	07	64	11.5	PA	0003	36	58.0	76	24.1	5		5			*			01.0			A	23.11		*	T	0.15	11.6		
10	07	64	11.5	PA	0003	36	58.0	76	24.1	5		5			*			02.0			A	23.21		*	T	0.20	11.7		
10	07	64	11.5	PA	0003	36	58.0	76	24.1	5		5			*			03.0			A	23.21		*	T	0.20	11.7		
10	07	64	11.5	PA	0003	36	58.0	76	24.1	5		5			*			04.0			A	23.20		*	T	0.17	11.7		

Cruise 0004

Stations:

27
28

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
30	07	64	20.5	LA	0004	36	52.8	76	29.9	5		8			*			00.0	C	27.36	C	19.59	T	25	T	0.03	20.6	
30	07	64	20.5	LA	0004	36	52.8	76	29.9	5		8			*			02.0	C	27.30	C	19.71	T	27	T	0.12	20.6	
30	07	64	20.5	LA	0004	36	52.8	76	29.9	5		8			*			04.0	C	27.24	C	19.82	T	28	T	0.12	20.6	
30	07	64	20.5	LA	0004	36	52.8	76	29.9	5		8			*			05.0	C	27.24	C	19.82	T	28	T	0.10	20.6	
30	07	64	21.0	LA	0004	36	52.8	76	29.9	7		1	25	9	00			00.0	C	27.32	C	19.70	T	31	T	0.10	21.0	
30	07	64	21.0	LA	0004	36	52.8	76	29.9	7		1	25	9	00			02.0	C	27.28	C	19.81	T	31	T	0.18	*	
30	07	64	21.0	LA	0004	36	52.8	76	29.9	7		1	25	9	00			04.0	C	27.25	C	19.88	T	31	T	0.20	*	
30	07	64	21.0	LA	0004	36	52.8	76	29.9	7		1	25	9	00			06.0	C	27.18	C	19.99	T	31	T	0.20	21.0	
30	07	64	21.5	LA	0004	36	52.8	76	29.9	7		1			*			00.0	C	27.24	C	19.79	T	31	T	0.28	21.5	
30	07	64	21.5	LA	0004	36	52.8	76	29.9	7		1			*			02.0	C	27.22	C	19.89	T	31	T	0.32	21.5	
30	07	64	21.5	LA	0004	36	52.8	76	29.9	7		1			*			04.0	C	27.20	C	19.91	T	30	T	0.28	21.5	
30	07	64	21.5	LA	0004	36	52.8	76	29.9	7		1			*			06.0	C	27.20	C	19.99	T	31	T	0.24	21.5	
30	07	64	22.0	LA	0004	36	52.8	76	29.9	7		1	26		00			00.0	C	27.12	C	19.91	T	31	T	0.35	22.0	
30	07	64	22.0	LA	0004	36	52.8	76	29.9	7		1	26		00			02.0	C	27.18	C	19.96	T	31	T	0.34	22.0	
30	07	64	22.0	LA	0004	36	52.8	76	29.9	7		1	26		00			04.0	C	27.18	C	19.98	T	31	T	0.32	22.0	
30	07	64	22.0	LA	0004	36	52.8	76	29.9	7		1	26		00			06.0	C	27.18	C	20.03	T	31	T	0.32	22.0	
30	07	64	22.5	LA	0004	36	52.8	76	29.9	7		2			*			00.0	C	27.10	C	20.07	T	30	T	0.39	22.5	
30	07	64	22.5	LA	0004	36	52.8	76	29.9	7		2			*			02.0	C	27.10	C	20.09	T	31	T	0.38	22.5	
30	07	64	22.5	LA	0004	36	52.8	76	29.9	7		2			*			04.0	C	27.10	C	20.10	T	31	T	0.38	22.5	
30	07	64	22.5	LA	0004	36	52.8	76	29.9	7		2			*			06.0	C	27.12	C	20.14	T	31	T	0.36	22.5	
30	07	64	23.0	LA	0004	36	52.8	76	29.9	7		2	26		00			00.0	C	27.04	C	20.22	T	30	T	0.38	23.0	
30	07	64	23.0	LA	0004	36	52.8	76	29.9	7		2	26		00			02.0	C	27.06	C	20.23	T	31	T	0.39	23.0	
30	07	64	23.0	LA	0004	36	52.8	76	29.9	7		2	26		00			04.0	C	27.06	C	20.24	T	31	T	0.42	23.0	
30	07	64	23.0	LA	0004	36	52.8	76	29.9	7		2	26		00			06.0	C	27.02	C	20.26	T	30	T	0.40	23.0	
30	07	64	23.5	LA	0004	36	52.8	76	29.9	7		*			*			00.0	C	26.90	C	20.34	T	30	T	0.42	23.5	
30	07	64	23.5	LA	0004	36	52.8	76	29.9	7		*			*			02.0	C	26.90	C	20.35	T	31	T	0.38	23.5	
30	07	64	23.5	LA	0004	36	52.8	76	29.9	7		*			*			04.0	C	26.90	C	20.36	T	31	T	0.38	23.5	
30	07	64	23.5	LA	0004	36	52.8	76	29.9	7		*			*			06.0	C	26.90	C	20.36	T	30	T	0.40	23.5	
31	07	64	00.0	LA	0004	36	52.8	76	29.9	7		2	24		00			00.0	C	26.86	C	20.36	T	30	T	0.40	00.0	
31	07	64	00.0	LA	0004	36	52.8	76	29.9	7		2	24		00			04.0	C	26.84	C	20.40	T	29	T	0.40	00.0	
31	07	64	00.0	LA	0004	36	52.8	76	29.9	7		2	24		00			06.0	C	26.80	C	20.42	T	31	T	0.35	00.0	
31	07	64	00.5	LA	0004	36	52.8	76	29.9	7		2			*			00.0	C	26.80	C	20.39	T	29	T	0.38	00.5	
31	07	64	00.5	LA	0004	36	52.8	76	29.9	7		2			*			02.0	C	26.80	C	20.42	T	30	T	0.39	00.5	
31	07	64	00.5	LA	0004	36	52.8	76	29.9	7		2			*			04.0	C	26.78	C	20.44	T	30	T	0.34	00.5	
31	07	64	00.5	LA	0004	36	52.8	76	29.9	7		2			*			06.0	C	26.76	C	20.46	T	31	T	0.32	00.5	
31	07	64	01.0	LA	0004	36	52.8	76	29.9	7		3	24		00			00.0	C	26.76	C	20.46	T	29	T	0.26	01.0	
31	07	64	01.0	LA	0004	36	52.8	76	29.9	7		3	24		00			02.0	C	26.76	C	20.51	T	29	T	0.26	01.0	
31	07	64	01.0	LA	0004	36	52.8	76	29.9	7		3	24		00			03.0	C	26.76	C	20.51	T	30	T	0.29	01.0	
31	07	64	01.0	LA	0004	36	52.8	76	29.9	7		3	24		00			04.0	C	26.76	C	20.54	T	31	T	0.23	01.0	
31	07	64	01.5	LA	0004	36	52.8	76	29.9	7		4			*			00.0	C	26.74	C	20.42	T	27	T	0.10	*	
31	07	64	01.5	LA	0004	36	52.8	76	29.9	7		4			*			02.0	C	26.78	C	20.52	T	27	T	0.13	*	
31	07	64	01.5	LA	0004	36	52.8	76	29.9	7		4			*			04.0	C	26.74	C	20.57	T	29	T	0.20	*	
31	07	64	01.5	LA	0004	36	52.8	76	29.9	7		4			*			06.0	C	26.66	C	20.58	T	31	T	0.22	*	
31	07	64	02.0	LA	0004	36	52.8	76	29.9	7		4	25	1	01			00.0	C	26.06	C	19.85	T	18	T	0.03	02.1	
31	07	64	02.0	LA	0004	36	52.8	76	29.9	7		4	25	1	01			02.0	C	26.38	C	20.03	T	24	T	0.02	02.1	
31	07	64	02.0	LA	0004	36	52.8	76	29.9	7		4	25	1	01			04.0	C	26.68	C	20.59	T	27	T	0.07	02.1	
31	07	64	02.0	LA	0004	36	52.8	76	29.9	7		4	25	1	01			06.0	C	26.60	C	20.64	T	28	T	0.10	02.1	
31	07	64	02.5	LA	0004	36	52.8	76	29.9	6		4			*			00.0	C	26.06	C	19.98	T	10	T	0.10	02.6	
31	07	64	02.5	LA	0004	36	52.8	76	29.9	6		4			*			02.0	C	26.54	C	20.33	T	14	T	0.02	02.6	
31	07	64	02.5	LA	0004	36	52.8	76	29.9	6		4			*			04.0	C	26.58	C	20.58	T	28	T	0.04	02.6	
31	07	64	02.5	LA	0004	36	52.8	76	29.9	6		4			*			06.0	C	26.58	C	20.65	T	31	T	0.01	02.6	

DATE DAY	MONTH	YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	MIN. & TENTHS	LONGITUDE WEST DEGREES	MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	°C	SALINITY INSTR.	‰	CURRENT DIRXN INSTR.	CODE	VELOCITY INSTR.	M/SEC.	SAMPLE TIME (E.S.T.)	
31	07	64	03.0	LA	0004	36	52.8	76	29.0	6		5	24	1	01			00.0	C	26.40	C	20.32	T	09	T	0.12	03.1	
31	07	64	03.0	LA	0004	36	52.8	76	29.0	6		5	24	1	01			02.0	C	26.62	C	20.54	T	10	T	0.12	03.1	
31	07	64	03.0	LA	0004	36	52.8	76	29.0	6		5	24	1	01			04.0	C	26.62	C	20.59	T	11	T	0.11	03.1	
31	07	64	03.0	LA	0004	36	52.8	76	29.0	6		5	24	1	01			06.0	C	26.60	C	20.62	T	11	T	0.11	03.1	
31	07	64	03.5	LA	0004	36	52.8	76	29.0	6		5			*			00.0	C	26.48	C	20.31	T	10	T	0.22	03.6	
31	07	64	03.5	LA	0004	36	52.8	76	29.0	6		5			*			02.0	C	26.62	C	20.51	T	10	T	0.17	03.6	
31	07	64	03.5	LA	0004	36	52.8	76	29.0	6		5			*			04.0	C	26.66	C	20.52	T	12	T	0.17	03.6	
31	07	64	03.5	LA	0004	36	52.8	76	29.0	6		5			*			06.0	C	26.68	C	20.58	T	10	T	0.15	03.6	
31	07	64	04.0	LA	0004	36	52.8	76	29.0	6		5	25	1	03			00.0	C	26.62	C	20.29	T	09	T	0.23	04.1	
31	07	64	04.0	LA	0004	36	52.8	76	29.0	6		5	25	1	03			02.0	C	26.66	C	20.34	T	09	T	0.25	04.1	
31	07	64	04.0	LA	0004	36	52.8	76	29.0	6		5	25	1	03			04.0	C	26.70	C	20.44	T	10	T	0.20	04.1	
31	07	64	04.0	LA	0004	36	52.8	76	29.0	6		5	25	1	03			06.0	C	26.70	C	20.48	T	10	T	0.17	04.1	
31	07	64	04.5	LA	0004	36	52.8	76	29.0	6		6			*			00.0	C	26.56	C	20.27	T	10	T	0.26	04.6	
31	07	64	04.5	LA	0004	36	52.8	76	29.0	6		6			*			02.0	C	26.58	C	20.29	T	10	T	0.28	04.6	
31	07	64	04.5	LA	0004	36	52.8	76	29.0	6		6			*			04.0	C	26.70	C	20.38	T	10	T	0.24	04.6	
31	07	64	04.5	LA	0004	36	52.8	76	29.0	6		6			*			06.0	C	26.70	C	20.41	T	10	T	0.17	04.6	
31	07	64	05.0	LA	0004	36	52.8	76	29.0	6		6	26	2	04			00.0	C	26.64	C	20.24	T	10	T	0.27	05.1	
31	07	64	05.0	LA	0004	36	52.8	76	29.0	6		6	26	2	04			02.0	C	26.70	C	20.22	T	10	T	0.28	05.1	
31	07	64	05.0	LA	0004	36	52.8	76	29.0	6		6	26	2	04			04.0	C	26.70	C	20.44	T	10	T	0.27	05.1	
31	07	64	05.0	LA	0004	36	52.8	76	29.0	6		6	26	2	04			06.0	C	26.72	C	20.29	T	07	T	0.17	05.1	
31	07	64	05.5	LA	0004	36	52.8	76	29.0	6		6			*			00.0	C	26.62	C	20.17	T	10	T	0.50	05.6	
31	07	64	05.5	LA	0004	36	52.8	76	29.0	6		6			*			02.0	C	26.66	C	20.18	T	09	T	0.28	05.6	
31	07	64	05.5	LA	0004	36	52.8	76	29.0	6		6			*			04.0	C	26.72	C	20.20	T	10	T	0.27	05.6	
31	07	64	05.5	LA	0004	36	52.8	76	29.0	6		6			*			06.0	C	26.70	C	20.28	T	09	T	0.21	05.6	
31	07	64	06.0	LA	0004	36	52.8	76	29.0	6		6	26	4	06	0.6		00.0	C	26.68	C	19.97	T	11	T	0.06	06.0	
31	07	64	06.0	LA	0004	36	52.8	76	29.0	6		6	26	4	06	0.6		02.0	C	26.70	C	19.98	T	11	T	0.04	06.0	
31	07	64	06.0	LA	0004	36	52.8	76	29.0	6		6	26	4	06	0.6		04.0	C	26.70	C	20.05	T	09	T	0.03	06.0	
31	07	64	06.0	LA	0004	36	52.8	76	29.0	6		6	26	4	06	0.6		06.0	C	26.64	C	20.16	T	08	T	0.02	06.0	
31	07	64	06.5	LA	0004	36	52.8	76	29.9	7		7			*			00.0	C	26.74	C	19.83	T	11	T	0.05	*	
31	07	64	06.5	LA	0004	36	52.8	76	29.9	7		7			*			02.0	C	26.78	C	19.90	T	11	T	0.04	*	
31	07	64	06.5	LA	0004	36	52.8	76	29.9	7		7			*			04.0	C	26.74	C	19.93	T	10	T	0.02	*	
31	07	64	06.5	LA	0004	36	52.8	76	29.9	7		7			*			06.0	C	26.66	C	20.02	T	08	T	0.02	*	
31	07	64	07.0	LA	0004	36	52.8	76	29.9	6		7	26	1	05	0.6		00.0	C	26.72	C	19.70	T	13	T	0.03	07.0	
31	07	64	07.0	LA	0004	36	52.8	76	29.9	6		7	26	1	05	0.6		02.0	C	26.72	C	19.70	T	12	T	0.03	07.0	
31	07	64	07.0	LA	0004	36	52.8	76	29.9	6		7	26	1	05	0.6		04.0	C	26.65	C	19.81	T	10	T	0.02	07.0	
31	07	64	07.0	LA	0004	36	52.8	76	29.9	6		7	26	1	05	0.6		05.0	C	26.56	C	19.91	T	08	T	0.02	07.1	
31	07	64	07.5	LA	0004	36	52.8	76	29.9	6		8			*			00.0	C	26.69	C	19.63	T	12	T	0.02	07.5	
31	07	64	07.5	LA	0004	36	52.8	76	29.9	6		8			*			02.0	C	26.69	C	19.62	T	12	T	0.02	07.5	
31	07	64	07.5	LA	0004	36	52.8	76	29.9	6		8			*			04.0	C	26.69	C	19.68	T	11	T	0.02	07.5	
31	07	64	07.5	LA	0004	36	52.8	76	29.9	6		8			*			05.0	C	26.64	C	19.74	T	08	T	0.01	07.5	
31	07	64	08.0	LA	0004	36	52.8	76	29.9	6		1	26	6	06	0.5		00.0	C	26.69	C	19.60	T	36	T	0.01	08.0	
31	07	64	08.0	LA	0004	36	52.8	76	29.9	6		1	26	6	06	0.5		02.0	C	26.62	C	19.66	T	01	T	0.02	08.0	
31	07	64	08.0	LA	0004	36	52.8	76	29.9	6		1	26	6	06	0.5		04.0	C	26.54	C	19.81	T	02	T	0.03	08.0	
31	07	64	08.0	LA	0004	36	52.8	76	29.9	6		1	26	6	06	0.5		05.0	C	26.55	C	19.80	T	01	T	0.02	08.0	
05	08	64	02.0	PA	0004	37	13.2	76	47.7	11		6	22	*6	01			00.0	N	25.68			L	13	D	0.46	02.1	
05	08	64	02.0	PA	0004	37	13.2	76	47.7	11		6	22	*6	01			04.0	N	25.84				*	U	0.50	02.0	
05	08	64	02.0	PA	0004	37	13.2	76	47.7	11		6	22	*6	01			08.0	N	25.88				*	U	0.40	02.0	
05	08	64	02.0	PA	0004	37	13.2	76	47.7	11		6	22	*6	01			10.0	N	26.04			F	15	U	0.33	02.0	
05	08	64	02.5	PA	0004	37	13.2	76	47.7	11		6		*	*			00.0	N	25.80			L	13	D	0.53	02.6	
05	08	64	02.5	PA	0004	37	13.2	76	47.7	11		6		*	*			04.0	N	25.84				*	U	0.51	02.5	
05	08	64	02.5	PA	0004	37	13.2	76	47.7	11		6		*	*			08.0	N	26.12				*	U	0.40	02.5	
05	08	64	02.5	PA	0004	37	13.2	76	47.7	11		6		*	*			10.0	N	26.04			F	15	U	0.27	02.5	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
05	08	64	03.0	PA	0004	37	13.2	76	47.7	11	6	21	*6	01		00.0	N	25.68			L	13	D	0.51	03.1
05	08	64	03.0	PA	0004	37	13.2	76	47.7	11	6	21	*6	01		04.0	N	25.88				*	U	0.50	03.0
05	08	64	03.0	PA	0004	37	13.2	76	47.7	11	6	21	*6	01		08.0	N	26.00				*	U	0.38	03.0
05	08	64	03.0	PA	0004	37	13.2	76	47.7	11	6	21	*6	01		10.0	N	26.04			F	15	U	0.28	03.0
05	08	64	03.5	PA	0004	37	13.2	76	47.7	11	6		*	*		00.0					L	13	D	0.53	03.6
05	08	64	03.5	PA	0004	37	13.2	76	47.7	11	6		*	*		04.0						*	U	0.48	03.5
05	08	64	03.5	PA	0004	37	13.2	76	47.7	11	6		*	*		08.0						*	U	0.35	03.5
05	08	64	03.5	PA	0004	37	13.2	76	47.7	11	6		*	*		10.0					F	15	U	0.29	03.5
05	08	64	04.0	PA	0004	37	13.2	76	47.7	11	6	22	*6	01		00.0	N	25.28			J	13	D	0.56	04.1
05	08	64	04.0	PA	0004	37	13.2	76	47.7	11	6	22	*6	01		04.0	N	25.60				*	U	0.43	04.0
05	08	64	04.0	PA	0004	37	13.2	76	47.7	11	6	22	*6	01		08.0	N	25.60				*	U	0.34	04.0
05	08	64	04.0	PA	0004	37	13.2	76	47.7	11	6	22	*6	01		10.0	N	25.68			F	15	U	0.24	04.0
05	08	64	04.5	PA	0004	37	13.2	76	47.7	11	6		*	*		00.0					J	13	D	0.47	04.6
05	08	64	04.5	PA	0004	37	13.2	76	47.7	11	6		*	*		04.0						*	U	0.40	04.5
05	08	64	04.5	PA	0004	37	13.2	76	47.7	11	6		*	*		08.0						*	U	0.25	04.5
05	08	64	04.5	PA	0004	37	13.2	76	47.7	11	6		*	*		10.0					F	15	U	0.20	04.5
05	08	64	05.0	PA	0004	37	13.2	76	47.7	11	6	22	10	01	0.7	00.0	N	25.40	A	2.94	J	14	D	0.41	05.1
05	08	64	05.0	PA	0004	37	13.2	76	47.7	11	6	22	10	01	0.7	04.0	N	25.56	A	3.66		*	U	0.32	05.3
05	08	64	05.0	PA	0004	37	13.2	76	47.7	11	6	22	10	01	0.7	08.0	N	25.52	A	3.76		*	U	0.15	05.3
05	08	64	05.0	PA	0004	37	13.2	76	47.7	11	6	22	10	01	0.7	10.0	N	25.52	A	3.78	F	14	U	0.08	05.3
05	08	64	05.5	PA	0004	37	13.2	76	47.7	11	7		*	*		00.0		,	A	2.94	J	13	D	0.31	05.6
05	08	64	05.5	PA	0004	37	13.2	76	47.7	11	7		*	*		04.0		,	A	3.49		*	U	0.18	05.7
05	08	64	05.5	PA	0004	37	13.2	76	47.7	11	7		*	*		08.0		,	A	3.72		*	U	0.05	05.7
05	08	64	05.5	PA	0004	37	13.2	76	47.7	11	7		*	*		10.0		,	A	4.04	F	13	U	0.00	05.7
05	08	64	06.0	PA	0004	37	13.2	76	47.7	11	8	22	*5	01	1.0	00.0	N	25.52	A	2.93	J	12	D	0.00	06.1
05	08	64	06.0	PA	0004	37	13.2	76	47.7	11	8	22	*5	01	1.0	04.0	N	25.48	A	3.38		*	U	0.05	06.1
05	08	64	06.0	PA	0004	37	13.2	76	47.7	11	8	22	*5	01	1.0	08.0	N	25.68	A	3.86		*	U	0.07	06.2
05	08	64	06.0	PA	0004	37	13.2	76	47.7	11	8	22	*5	01	1.0	10.0	N	25.68	A	4.07	F	12	U	0.00	06.2
05	08	64	06.5	PA	0004	37	13.2	76	47.7	11	8		*	*		00.0		,	A	3.48	J	13	D	0.00	06.6
05	08	64	06.5	PA	0004	37	13.2	76	47.7	11	8		*	*		04.0		,	A	3.50		*	U	0.14	06.7
05	08	64	06.5	PA	0004	37	13.2	76	47.7	11	8		*	*		08.0		,	A	3.75		*	U	0.17	06.7
05	08	64	06.5	PA	0004	37	13.2	76	47.7	11	8		*	*		10.0		,	A	3.88	F	14	U	0.15	06.7
05	08	64	07.0	PA	0004	37	13.2	76	47.7	11	1	22	*5	01	0.8	00.0	N	25.32	A	3.08	J	31	D	0.15	07.1
05	08	64	07.0	PA	0004	37	13.2	76	47.7	11	1	22	*5	01	0.8	04.0	N	25.52	A	3.56		*	U	0.30	07.2
05	08	64	07.0	PA	0004	37	13.2	76	47.7	11	1	22	*5	01	0.8	08.0	N	25.52	A	4.15		*	U	0.35	07.2
05	08	64	07.0	PA	0004	37	13.2	76	47.7	11	1	22	*5	01	0.8	10.0	N	25.36	A	4.04	F	32	U	0.37	07.2
05	08	64	07.5	PA	0004	37	13.2	76	47.7	11	1		*	*		00.0		,	A	3.99	J	32	D	0.27	07.6
05	08	64	07.5	PA	0004	37	13.2	76	47.7	11	1		*	*		04.0		,	A	4.15		*	U	0.39	07.7
05	08	64	07.5	PA	0004	37	13.2	76	47.7	11	1		*	*		08.0		,	A	4.25		*	U	0.45	07.6
05	08	64	07.5	PA	0004	37	13.2	76	47.7	11	1		*	*		10.0		,	A	4.64	F	31	U	0.50	07.7
05	08	64	08.0	PA	0004	37	13.2	76	47.7	11	2	23	*4	01	1.0	00.0	N	25.56	A	3.68	J	32	D	0.36	08.1
05	08	64	08.0	PA	0004	37	13.2	76	47.7	11	2	23	*4	01	1.0	04.0	N	25.60	A	4.28		*	U	0.45	08.1
05	08	64	08.0	PA	0004	37	13.2	76	47.7	11	2	23	*4	01	1.0	08.0	N	25.56	A	4.34		*	U	0.41	08.1
05	08	64	08.0	PA	0004	37	13.2	76	47.7	11	2	23	*4	01	1.0	10.0	N	25.48	A	4.37	F	31	U	0.34	08.1
05	08	64	08.5	PA	0004	37	13.2	76	47.7	11	2		*	*		00.0		,	A	4.11	J	36	D	0.49	08.6
05	08	64	08.5	PA	0004	37	13.2	76	47.7	11	2		*	*		04.0		,	A	4.35		*	U	0.50	08.5
05	08	64	08.5	PA	0004	37	13.2	76	47.7	11	2		*	*		08.0		,	A	4.43		*	U	0.50	08.5
05	08	64	08.5	PA	0004	37	13.2	76	47.7	11	2		*	*		10.0		,	A	4.42	F	33	U	0.26	08.5
05	08	64	09.0	PA	0004	37	13.2	76	47.7	11	2	24	13	01	1.1	00.0	N	25.68	A	4.28	J	33	D	0.35	09.1
05	08	64	09.0	PA	0004	37	13.2	76	47.7	11	2	24	13	01	1.1	04.0	N	25.64	A	4.53		*	U	0.40	09.0
05	08	64	09.0	PA	0004	37	13.2	76	47.7	11	2	24	13	01	1.1	08.0	N	25.64	A	4.56		*	U	0.48	09.0
05	08	64	09.0	PA	0004	37	13.2	76	47.7	11	2	24	13	01	1.1	10.0	N	25.64	A	4.55	F	32	U	0.30	09.0

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
05	08	64	09.5	PA	0004	37	13.2	76	47.7	11		2		*	*			00.0		,	A	4.47	J	32	D	0.33	09.7		
05	08	64	09.5	PA	0004	37	13.2	76	47.7	11		2		*	*			04.0		,	A	4.71		*	U	0.40	09.6		
05	08	64	09.5	PA	0004	37	13.2	76	47.7	11		2		*	*			08.0		,	A	5.03		*	U	0.25	09.6		
05	08	64	09.5	PA	0004	37	13.2	76	47.7	11		2		*	*			10.0		,	A	5.24	F	32	U	0.21	09.6		
05	08	64	10.0	PA	0004	37	13.2	76	47.7	11		3	24	11	01	1.0		00.0	N	25.68	A	4.57	J	32	D	0.19	10.2		
05	08	64	10.0	PA	0004	37	13.2	76	47.7	11		3	24	11	01	1.0		04.0	N	25.80	A	4.89		*	U	0.34	10.1		
05	08	64	10.0	PA	0004	37	13.2	76	47.7	11		3	24	11	01	1.0		08.0	N	25.80	A	5.43		*	U	0.29	10.1		
05	08	64	10.0	PA	0004	37	13.2	76	47.7	11		3	24	11	01	1.0		10.0	N	25.80	A	5.51	F	31	U	0.27	10.1		
05	08	64	10.5	PA	0004	37	13.2	76	47.7	11		4		*	*			00.0		,	A	4.59	J	33	D	0.00	10.7		
05	08	64	10.5	PA	0004	37	13.2	76	47.7	11		4		*	*			04.0		,	A	5.36		*	U	0.20	10.6		
05	08	64	10.5	PA	0004	37	13.2	76	47.7	11		4		*	*			08.0		,	A	5.58	F	33	U	0.14	10.6		
05	08	64	10.5	PA	0004	37	13.2	76	47.7	11		4		*	*			10.0		,	A	5.58	F	32	U	0.19	10.6		
05	08	64	11.0	PA	0004	37	13.2	76	47.7	11		4	25	*	00	1.0		00.0	N	25.72	A	4.58	J	00	D	0.00	11.0		
05	08	64	11.0	PA	0004	37	13.2	76	47.7	11		4	25	*	00	1.0		04.0	N	25.72	A	5.27		*	U	0.14	11.0		
05	08	64	11.0	PA	0004	37	13.2	76	47.7	11		4	25	*	00	1.0		08.0	N	25.88	A	5.65	F	33	U	0.11	11.0		
05	08	64	11.0	PA	0004	37	13.2	76	47.7	11		4	25	*	00	1.0		10.0	N	25.88	A	5.65	F	32	U	0.10	11.0		
05	08	64	11.5	PA	0004	37	13.2	76	47.7	11		5		*	*			00.0		,	A	4.58	L	16	D	0.00	11.7		
05	08	64	11.5	PA	0004	37	13.2	76	47.7	11		5		*	*			04.0		,	A	5.32		*	U	0.04	11.5		
05	08	64	11.5	PA	0004	37	13.2	76	47.7	11		5		*	*			08.0		,	A	5.57	F	13	U	0.03	11.5		
05	08	64	11.5	PA	0004	37	13.2	76	47.7	11		5		*	*			10.0		,	A	5.62	F	13	U	0.02	11.5		
05	08	64	12.0	PA	0004	37	13.2	76	47.7	11		5	24	*3	02	1.2		00.0	N	26.32	A	4.61	L	16	D	0.17	12.1		
05	08	64	12.0	PA	0004	37	13.2	76	47.7	11		5	24	*3	02	1.2		04.0	N	25.84	A	5.13		*	U	0.09	12.0		
05	08	64	12.0	PA	0004	37	13.2	76	47.7	11		5	24	*3	02	1.2		08.0	N	25.84	A	5.26	F	13	U	0.15	12.0		
05	08	64	12.0	PA	0004	37	13.2	76	47.7	11		5	24	*3	02	1.2		10.0	N	25.80	A	5.46	F	13	U	0.11	12.0		
05	08	64	12.5	PA	0004	37	13.2	76	47.7	11		5		*	*			00.0		,	A	4.24	L	14	D	0.32	12.6		
05	08	64	12.5	PA	0004	37	13.2	76	47.7	11		5		*	*			04.0		,	A	4.81		*	U	0.18	12.5		
05	08	64	12.5	PA	0004	37	13.2	76	47.7	11		5		*	*			08.0		,	A	5.26	F	15	U	0.25	12.5		
05	08	64	12.5	PA	0004	37	13.2	76	47.7	11		5		*	*			10.0		,	A	5.35	F	16	U	0.23	12.5		
05	08	64	13.0	PA	0004	37	13.2	76	47.7	11		6	24	*	00	1.2		00.0	N	26.60	A	4.19	L	13	D	0.39	13.1		
05	08	64	13.0	PA	0004	37	13.2	76	47.7	11		6	24	*	00	1.2		04.0	N	26.04	A	4.83		*	U	0.35	13.0		
05	08	64	13.0	PA	0004	37	13.2	76	47.7	11		6	24	*	00	1.2		08.0	N	25.88	A	5.03	F	14	U	0.29	13.0		
05	08	64	13.0	PA	0004	37	13.2	76	47.7	11		6	24	*	00	1.2		10.0	N	25.88	A	5.10	F	15	U	0.22	13.0		
05	08	64	13.5	PA	0004	37	13.2	76	47.7	11		6		*	*			00.0			A	4.00	L	13	D	0.48	13.5		
05	08	64	13.5	PA	0004	37	13.2	76	47.7	11		6		*	*			04.0			A	4.51		*	U	0.41	13.5		
05	08	64	13.5	PA	0004	37	13.2	76	47.7	11		6		*	*			08.0			A	4.88	F	14	U	0.37	13.5		
05	08	64	13.5	PA	0004	37	13.2	76	47.7	11		6		*	*			10.0			A	4.94	F	15	U	0.25	13.5		
05	08	64	14.0	PA	0004	37	13.2	76	47.7	11		6	27	*	00	1.1		00.0	N	27.32	A	3.63	L	12	D	0.54	14.1		
05	08	64	14.0	PA	0004	37	13.2	76	47.7	11		6	27	*	00	1.1		04.0	N	26.28	A	4.28		*	U	0.52	14.1		
05	08	64	14.0	PA	0004	37	13.2	76	47.7	11		6	27	*	00	1.1		08.0	N	25.92	A	4.65	F	10	U	0.40	14.1		
05	08	64	14.0	PA	0004	37	13.2	76	47.7	11		6	27	*	00	1.1		10.0	N	25.92	A	4.67	F	12	U	0.30	14.2		
05	08	64	14.5	PA	0004	37	13.2	76	47.7	11		6		*	*			00.0			A	4.08	L	13	D	0.60	14.6		
05	08	64	14.5	PA	0004	37	13.2	76	47.7	11		6		*	*			04.0			A	4.35		*	U	0.52	14.6		
05	08	64	14.5	PA	0004	37	13.2	76	47.7	11		6		*	*			08.0			A	4.41	F	13	U	0.51	14.6		
05	08	64	14.5	PA	0004	37	13.2	76	47.7	11		6		*	*			10.0			A	4.43	F	14	U	0.40	14.7		
05	08	64	15.0	PA	0004	37	13.2	76	47.7	11		6	25	*	00	1.0		00.0	N	26.32	A	3.22	L	13	D	0.58	15.1		
05	08	64	15.0	PA	0004	37	13.2	76	47.7	11		6	25	*	00	1.0		04.0	N	26.20	A	3.59		*	U	0.62	15.1		
05	08	64	15.0	PA	0004	37	13.2	76	47.7	11		6	25	*	00	1.0		08.0	N	25.80	A	4.07	F	14	U	0.35	15.2		
05	08	64	15.0	PA	0004	37	13.2	76	47.7	11		6	25	*	00	1.0		10.0	N	25.80	A	4.12	F	13	U	0.30	15.3		
05	08	64	15.5	PA	0004	37	13.2	76	47.7	11		6		*	*			00.0			A	3.47	L	12	D	0.74	15.6		
05	08	64	15.5	PA	0004	37	13.2	76	47.7	11		6		*	*			04.0			A	3.61		*	U	0.61	15.6		
05	08	64	15.5	PA	0004	37	13.2	76	47.7	11		6		*	*			08.0			A	3.85	F	12	U	0.50	15.7		
05	08	64	15.5	PA	0004	37	13.2	76	47.7	11		6		*	*			10.0			A	3.98	F	12	U	0.25	15.8		

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
05	08	64	16.0	PA	0004	37	13.2	76	47.7	11		6	26	*	00	1.0		00.0	N	26.20	A	2.83	L	13	D	0.82	16.1		
05	08	64	16.0	PA	0004	37	13.2	76	47.7	11		6	26	*	00	1.0		04.0	N	26.20	A	3.09		*	U	0.60	16.2		
05	08	64	16.0	PA	0004	37	13.2	76	47.7	11		6	26	*	00	1.0		08.0	N	26.28	A	3.28	F	12	U	0.30	16.2		
05	08	64	16.0	PA	0004	37	13.2	76	47.7	11		6	26	*	00	1.0		10.0	N	26.28	A	3.35	F	12	U	0.20	16.2		
05	08	64	16.5	PA	0004	37	13.2	76	47.7	11		6		*	*			00.0			A	2.94	L	12	D	0.56	16.6		
05	08	64	16.5	PA	0004	37	13.2	76	47.7	11		6		*	*			04.0			A	3.06		*	U	0.45	16.6		
05	08	64	16.5	PA	0004	37	13.2	76	47.7	11		6		*	*			08.0			A	3.66	F	12	U	0.35	16.7		
05	08	64	16.5	PA	0004	37	13.2	76	47.7	11		6		*	*			10.0			A	3.68	F	12	U	0.15	16.7		
05	08	64	17.0	PA	0004	37	13.2	76	47.7	11		7	27	15	00	0.8		00.0	N	25.96	A	2.10	L	13	D	0.19	17.2		
05	08	64	17.0	PA	0004	37	13.2	76	47.7	11		7	27	15	00	0.8		04.0	N	25.96	A	2.81		*	U	0.14	17.1		
05	08	64	17.0	PA	0004	37	13.2	76	47.7	11		7	27	15	00	0.8		08.0	N	25.96	A	2.91	F	13	U	0.02	17.1		
05	08	64	17.0	PA	0004	37	13.2	76	47.7	11		7	27	15	00	0.8		10.0	N	25.92	A	3.58	F	13	U	0.01	17.1		
05	08	64	17.5	PA	0004	37	13.2	76	47.7	11		8		*	*			00.0			A	2.08	L	09	D	0.00	17.6		
05	08	64	17.5	PA	0004	37	13.2	76	47.7	11		8		*	*			04.0			A	2.78		*	U	0.01	17.5		
05	08	64	17.5	PA	0004	37	13.2	76	47.7	11		8		*	*			08.0			A	2.84		*	U	0.09	17.5		
05	08	64	17.5	PA	0004	37	13.2	76	47.7	11		8		*	*			10.0			A	3.33		*	U	0.13	17.5		
05	08	64	18.0	PA	0004	37	13.2	76	47.7	11		1	25	11	01			00.0	N	25.80	A	2.20		*	D	0.09	18.0		
05	08	64	18.0	PA	0004	37	13.2	76	47.7	11		1	25	11	01			04.0	N	25.96	A	2.78		*	U	0.16	18.0		
05	08	64	18.0	PA	0004	37	13.2	76	47.7	11		1	25	11	01			08.0	N	26.08	A	2.96		*	U	0.23	18.0		
05	08	64	18.0	PA	0004	37	13.2	76	47.7	11		1	25	11	01			10.0	N	25.92	A	3.45		*	U	0.22	18.0		

Cruise 0004

Stations:

41
39
40
42
43

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
28	07	64	13.5	LA	0004	36	50.8	76	21.6	4		*			*			00.0	C	24.98	C	21.54		*		*	*	
28	07	64	13.5	LA	0004	36	50.8	76	21.6	4		*			*			02.0	C	24.98	C	22.58		*		*	*	
28	07	64	14.0	LA	0004	36	50.8	76	21.6	4		7	23		*	0.4		00.0	C	24.98	C	22.49	T	04		*	14.2	
28	07	64	14.0	LA	0004	36	50.8	76	21.6	4		7	23		*	0.4		02.0	C	24.98	C	22.63		*		*	*	
28	07	64	14.0	LA	0004	36	50.8	76	21.6	4		7	23		*	0.4		04.0	C	24.98	C	22.77		*		*	*	
28	07	64	14.5	LA	0004	36	50.8	76	21.6	4		7			*	0.4		00.0	C	24.98	C	22.45		*		*	14.6	
28	07	64	14.5	LA	0004	36	50.8	76	21.6	4		7			*	0.4		02.0	C	24.96	C	22.54		*		*	14.6	
28	07	64	14.5	LA	0004	36	50.8	76	21.6	4		7			*	0.4		04.0	C	24.98	C	22.75		*		*	14.6	
28	07	64	15.0	LA	0004	36	50.8	76	21.6	*3		7	28	24	05	0.3		00.0	C	24.98	C	22.37	P	04		*	15.1	
28	07	64	15.0	LA	0004	36	50.8	76	21.6	*3		7	28	24	05	0.3		02.0	C	24.98	C	22.52		*		*	15.1	
28	07	64	15.0	LA	0004	36	50.8	76	21.6	*3		7	28	24	05	0.3		04.0	C	24.96	C	22.67		*		*	15.1	
28	07	64	15.5	LA	0004	36	50.8	76	21.6	3		7			*	0.3		00.0	C	24.96	C	22.11	P	03		*	15.6	
28	07	64	15.5	LA	0004	36	50.8	76	21.6	3		7			*	0.3		02.0	C	24.96	C	22.30		*		*	15.6	
28	07	64	15.5	LA	0004	36	50.8	76	21.6	3		7			*	0.3		04.0	C	24.96	C	22.50		*		*	15.6	
28	07	64	16.0	LA	0004	36	50.8	76	21.6	*4		7	27	21	05	0.3		00.0	C	24.96	C	22.00	P	03		*	16.2	
28	07	64	16.0	LA	0004	36	50.8	76	21.6	*4		7	27	21	05	0.3		02.0	C	24.96	C	22.25		*		*	16.2	
28	07	64	16.0	LA	0004	36	50.8	76	21.6	*4		7	27	21	05	0.3		04.0	C	24.96	C	24.54		*		*	16.2	
28	07	64	16.5	LA	0004	36	50.8	76	21.6	4		7			*	0.2		00.0	C	24.98	C	21.84	P	22	D	0.16	16.7	
28	07	64	16.5	LA	0004	36	50.8	76	21.6	4		7			*	0.2		02.0	C	24.98	C	22.00	T	20	T	0.07	16.7	
28	07	64	16.5	LA	0004	36	50.8	76	21.6	4		7			*	0.2		04.0	C	24.98	C	22.97	T	19	T	0.05	16.7	
28	07	64	17.0	LA	0004	36	50.8	76	21.6	*4		7	27	21	03	0.3		00.0	C	24.98	C	21.72	T	22	T	0.17	17.1	
28	07	64	17.0	LA	0004	36	50.8	76	21.6	*4		7	27	21	03	0.3		02.0	C	24.98	C	22.13	T	19	T	0.06	17.1	
28	07	64	17.0	LA	0004	36	50.8	76	21.6	*4		7	27	21	03	0.3		04.0	C	24.98	C	22.89	T	09	T	0.03	17.1	
28	07	64	17.5	LA	0004	36	50.8	76	21.6	4		8			*	0.2		00.0	C	24.98	C	21.72	T	36	T	0.10	17.7	
28	07	64	17.5	LA	0004	36	50.8	76	21.6	4		8			*	0.2		02.0	C	24.98	C	22.04	T	15	T	0.01	17.7	
28	07	64	17.5	LA	0004	36	50.8	76	21.6	4		8			*	0.2		04.0	C	24.98	C	23.07	T	08	T	0.06	17.7	
28	07	64	18.0	LA	0004	36	50.8	76	21.6	*4		8	26	20	07			00.0	C	24.96	C	21.93	T	23	T	0.07	18.2	
28	07	64	18.0	LA	0004	36	50.8	76	21.6	*4		8	26	20	07			02.0	C	24.97	C	22.38	T	05	T	0.11	18.2	
28	07	64	18.0	LA	0004	36	50.8	76	21.6	*4		8	26	20	07			04.0	C	24.98	C	22.78	T	04	T	0.07	18.2	
28	07	64	18.5	LA	0004	36	50.8	76	21.6	*5		8	26	20	03			00.0	C	24.97	C	21.84	T	01	T	0.10	18.7	
28	07	64	18.5	LA	0004	36	50.8	76	21.6	*5		8	26	20	03			02.0	C	24.96	C	22.15	T	03	T	0.18	18.7	
28	07	64	18.5	LA	0004	36	50.8	76	21.6	*5		8	26	20	03			04.0	C	24.96	C	22.57	T	03	T	0.15	18.7	
28	07	64	19.0	LA	0004	36	50.8	76	21.6	*5		1	26	20	02			00.0	C	24.97	C	21.80	T	03	T	0.14	19.2	
28	07	64	19.0	LA	0004	36	50.8	76	21.6	*5		1	26	20	02			02.0	C	24.97	C	22.12	T	03	T	0.19	19.2	
28	07	64	19.0	LA	0004	36	50.8	76	21.6	*5		1	26	20	02			04.0	C	24.97	C	22.44	T	03	T	0.23	19.2	
28	07	64	19.5	LA	0004	36	50.8	76	21.6	5		1			*			00.0	C	24.97	C	21.89	T	02	T	0.23	19.5	
28	07	64	19.5	LA	0004	36	50.8	76	21.6	5		1			*			02.0	C	24.98	C	22.11	T	03	T	0.28	19.5	
28	07	64	19.5	LA	0004	36	50.8	76	21.6	5		1			*			04.0	C	24.98	C	22.33	T	04	T	0.25	19.5	
28	07	64	20.0	LA	0004	36	50.8	76	21.6	*5		2	26	20	01			00.0	C	24.97	C	22.08	T	03	T	0.34	20.0	
28	07	64	20.0	LA	0004	36	50.8	76	21.6	*5		2	26	20	01			02.0	C	24.97	C	22.30	T	02	T	0.34	20.0	
28	07	64	20.0	LA	0004	36	50.8	76	21.6	*5		2	26	20	01			04.0	C	24.97	C	22.37	T	03	T	0.33	20.0	
28	07	64	20.5	LA	0004	36	50.8	76	21.6	5		2			*			00.0	C	24.97	C	22.24	T	02	T	0.36	20.5	
28	07	64	20.5	LA	0004	36	50.8	76	21.6	5		2			*			02.0	C	24.97	C	22.35	T	02	T	0.31	20.5	
28	07	64	20.5	LA	0004	36	50.8	76	21.6	5		2			*			04.0	C	24.98	C	22.56	T	02	T	0.36	20.5	
28	07	64	21.0	LA	0004	36	50.8	76	21.6	*5		2	26	20	02			00.0	C	24.97	C	22.38	T	02	T	0.38	21.0	
28	07	64	21.0	LA	0004	36	50.8	76	21.6	*5		2	26	20	02			02.0	C	24.98	C	22.45	T	03	T	0.45	21.0	
28	07	64	21.0	LA	0004	36	50.8	76	21.6	*5		2	26	20	02			04.0	C	24.97	C	22.75	T	03	T	0.39	21.0	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC	SAMPLE TIME (E.S.T.)		
28	07	64	21.5	LA	0004	36	50.8	76	21.6	5		2			*			00.0	C	24.98	C	22.48	T	02	T	0.36	21.5		
28	07	64	21.5	LA	0004	36	50.8	76	21.6	5		2			*			02.0	C	24.98	C	22.63	T	03	T	0.42	21.5		
28	07	64	21.5	LA	0004	36	50.8	76	21.6	5		2			*			04.0	C	24.98	C	22.78	T	03	T	0.37	21.5		
28	07	64	22.0	LA	0004	36	50.8	76	21.6	*5		3	26	21	08			00.0	C	24.98	C	22.60	T	02	T	0.25	22.0		
28	07	64	22.0	LA	0004	36	50.8	76	21.6	*5		3	26	21	08			02.0	C	24.98	C	22.65	T	03	T	0.30	22.0		
28	07	64	22.0	LA	0004	36	50.8	76	21.6	*5		3	26	21	08			04.0	C	24.98	C	22.92	T	03	T	0.40	22.1		
28	07	64	22.5	LA	0004	36	50.8	76	21.6	5		*			*			00.0	C	24.99	C	22.67	T	05	T	0.22	22.5		
28	07	64	22.5	LA	0004	36	50.8	76	21.6	5		*			*			02.0	C	24.98	C	22.69	T	06	T	0.22	22.5		
28	07	64	22.5	LA	0004	36	50.8	76	21.6	5		*			*			04.0	C	24.98	C	22.98	T	07	T	0.32	22.5		
28	07	64	23.0	LA	0004	36	50.8	76	21.6	*5		4	26	21	06			00.0	C	24.98	C	22.70	T	03	T	0.15	23.0		
28	07	64	23.0	LA	0004	36	50.8	76	21.6	*5		4	26	21	06			02.0	C	24.98	C	22.80	T	03	T	0.18	23.0		
28	07	64	23.0	LA	0004	36	50.8	76	21.6	*5		4	26	21	06			04.0	C	24.98	C	23.00	T	03	T	0.26	23.0		
28	07	64	23.5	LA	0004	36	50.8	76	21.6	5		4			*			00.0	C	24.96	C	22.41	T	10	T	0.02	23.5		
28	07	64	23.5	LA	0004	36	50.8	76	21.6	5		4			*			02.0	C	24.98	C	22.72	T	02	T	0.10	23.5		
28	07	64	23.5	LA	0004	36	50.8	76	21.6	5		4			*			03.0	C	24.98	C	23.05	T	03	T	0.17	23.5		
29	07	64	00.0	LA	0004	36	50.8	76	21.6	*5		4	26	22	05			00.0	C	24.96	C	22.35	T	19	T	0.01	00.0		
29	07	64	00.0	LA	0004	36	50.8	76	21.6	*5		4	26	22	05			02.0	C	24.96	C	22.72	T	02	T	0.08	00.0		
29	07	64	00.0	LA	0004	36	50.8	76	21.6	*5		4	26	22	05			04.0	C	24.98	C	23.07	T	04	T	0.12	00.0		
29	07	64	00.5	LA	0004	36	50.8	76	21.6	5		5			*			00.0	C	24.96	C	22.41	T	22	T	0.05	00.5		
29	07	64	00.5	LA	0004	36	50.8	76	21.6	5		5			*			02.0	C	24.96	C	22.67	T	21	T	0.10	00.5		
29	07	64	00.5	LA	0004	36	50.8	76	21.6	5		5			*			03.0	C	24.98	C	23.08	T	04	T	0.08	00.5		
29	07	64	01.0	LA	0004	36	50.8	76	21.6	*5		5	26	21	03			00.0	C	24.96	C	22.33	T	20	T	0.12	01.0		
29	07	64	01.0	LA	0004	36	50.8	76	21.6	*5		5	26	21	03			02.0	C	24.98	C	22.43	T	20	T	0.07	01.0		
29	07	64	01.0	LA	0004	36	50.8	76	21.6	*5		5	26	21	03			04.0	C	24.98	C	23.08	T	03	T	0.03	01.0		
29	07	64	01.5	LA	0004	36	50.8	76	21.6	5		5			*			00.0	C	24.96	C	22.26	T	21	T	0.20	01.5		
29	07	64	01.5	LA	0004	36	50.8	76	21.6	5		5			*			02.0	C	24.96	C	22.34	T	21	T	0.10	01.5		
29	07	64	01.5	LA	0004	36	50.8	76	21.6	5		5			*			04.0	C	24.98	C	23.05	T	17	T	0.02	01.5		
29	07	64	02.0	LA	0004	36	50.8	76	21.6	*5		5	27	18	02			00.0	C	24.98	C	22.27	T	20	T	0.20	02.1		
29	07	64	02.0	LA	0004	36	50.8	76	21.6	*5		5	27	18	02			02.0	C	24.98	C	22.41	T	21	T	0.10	02.1		
29	07	64	02.0	LA	0004	36	50.8	76	21.6	*5		5	27	18	02			04.0	C	24.98	C	22.69	T	22	T	0.05	02.1		
29	07	64	02.5	LA	0004	36	50.8	76	21.6	5		*			*			00.0	C	24.96	C	22.22	T	22	T	0.20	02.6		
29	07	64	02.5	LA	0004	36	50.8	76	21.6	5		*			*			02.0	C	24.98	C	22.38	T	20	T	0.15	02.6		
29	07	64	02.5	LA	0004	36	50.8	76	21.6	5		*			*			04.0	C	24.98	C	22.76	T	23	T	0.13	02.6		
29	07	64	03.0	LA	0004	36	50.8	76	21.6	*5		5	26	18	01			00.0	C	24.98	C	22.05	T	22	T	0.23	03.1		
29	07	64	03.0	LA	0004	36	50.8	76	21.6	*5		5	26	18	01			02.0	C	24.98	C	22.25	T	22	T	0.17	03.1		
29	07	64	03.0	LA	0004	36	50.8	76	21.6	*5		5	26	18	01			04.0	C	24.98	C	22.63	T	22	T	0.10	03.1		
29	07	64	03.5	LA	0004	36	50.8	76	21.6	5		5			*			00.0	C	24.96	C	22.06	T	20	T	0.25	03.5		
29	07	64	03.5	LA	0004	36	50.8	76	21.6	5		5			*			02.0	C	24.98	C	22.22	T	20	T	0.20	03.5		
29	07	64	03.5	LA	0004	36	50.8	76	21.6	5		5			*			04.0	C	24.98	C	22.67	T	22	T	0.11	03.5		
29	07	64	04.0	LA	0004	36	50.8	76	21.6	*5		6	26	23	03			00.0	C	24.98	C	22.42	T	22	T	0.25	04.1		
29	07	64	04.0	LA	0004	36	50.8	76	21.6	*5		6	26	23	03			02.0	C	24.98	C	22.19	T	20	T	0.17	04.1		
29	07	64	04.0	LA	0004	36	50.8	76	21.6	*5		6	26	23	03			04.0	C	24.98	C	21.93	T	22	T	0.12	04.1		
29	07	64	04.5	LA	0004	36	50.8	76	21.6	5		6			*			00.0	C	24.98	C	21.77	T	20	T	0.24	04.6		
29	07	64	04.5	LA	0004	36	50.8	76	21.6	5		6			*			02.0	C	24.98	C	21.95	T	21	T	0.15	04.6		
29	07	64	04.5	LA	0004	36	50.8	76	21.6	5		6			*			04.0	C	24.98	C	22.17	T	22	T	0.10	04.6		
29	07	64	05.0	LA	0004	36	50.8	76	21.6	*5		6	26	22	01			00.0	C	24.98	C	21.61	T	22	T	0.20	05.1		
29	07	64	05.0	LA	0004	36	50.8	76	21.6	*5		6	26	22	01			02.0	C	24.98	C	21.78	T	20	T	0.16	05.1		
29	07	64	05.0	LA	0004	36	50.8	76	21.6	*5		6	26	22	01			04.0	C	24.96	C	21.98	T	21	T	0.08	05.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
29	07	64	05.5	LA	0004	36	50.8	76	21.6	5	7			*		00.0	C	24.98	C	21.51	T	22	T	0.13	05.6
29	07	64	05.5	LA	0004	36	50.8	76	21.6	5	7			*		02.0	C	24.98	C	21.74	T	22	T	0.06	05.6
29	07	64	05.5	LA	0004	36	50.8	76	21.6	5	7			*		04.0	C	24.98	C	21.95	T	18	T	0.04	05.6
29	07	64	06.0	LA	0004	36	50.8	76	21.6	*5	8	27	22	01	0.5	00.0	C	24.98	C	21.49	T	22	T	0.08	06.0
29	07	64	06.0	LA	0004	36	50.8	76	21.6	*5	8	27	22	01	0.5	02.0	C	25.00	C	21.77	T	20	T	0.03	06.0
29	07	64	06.0	LA	0004	36	50.8	76	21.6	*5	8	27	22	01	0.5	04.0	C	25.00	C	22.66	T	04	T	0.16	06.0
29	07	64	07.0	PA	0004	36	48.7	76	17.4	10	8		*	*		00.0			A	21.52	L	01	D	0.00	07.3
29	07	64	07.0	PA	0004	36	48.7	76	17.4	10	8		*	*		02.0			A	21.92	T	28	T	0.00	07.4
29	07	64	07.0	PA	0004	36	48.7	76	17.4	10	8		*	*		04.0			A	22.29	T	11	T	0.00	07.4
29	07	64	07.0	PA	0004	36	48.7	76	17.4	10	8		*	*		06.0			A	22.59	T	35	T	0.00	07.4
29	07	64	07.0	PA	0004	36	48.7	76	17.4	10	8		*	*		08.0			A	22.91	T	36	T	0.00	07.4
29	07	64	07.0	PA	0004	36	48.7	76	17.4	10	8		*	*		10.0			A	22.99		*		*	*
29	07	64	07.5	PA	0004	36	48.7	76	17.4	10	8	27	24	01	1.2	00.0			A	21.39		*	D	0.00	07.5
29	07	64	07.5	PA	0004	36	48.7	76	17.4	10	8	27	24	01	1.2	02.0			A	21.98		*		*	*
29	07	64	07.5	PA	0004	36	48.7	76	17.4	10	8	27	24	01	1.2	04.0			A	22.30		*		*	*
29	07	64	07.5	PA	0004	36	48.7	76	17.4	10	8	27	24	01	1.2	06.0			A	22.78		*		*	*
29	07	64	07.5	PA	0004	36	48.7	76	17.4	10	8	27	24	01	1.2	08.0			A	22.92		*		*	*
29	07	64	07.5	PA	0004	36	48.7	76	17.4	10	8	27	24	01	1.2	10.0			A	22.95		*		*	*
29	07	64	08.0	PA	0004	36	48.7	76	17.4	10	1	27	24	04	1.2	00.0	J	27.19	A	21.24	L	19	D	0.00	08.3
29	07	64	08.0	PA	0004	36	48.7	76	17.4	10	1	27	24	04	1.2	02.0	J	27.02	A	22.06		*		*	*
29	07	64	08.0	PA	0004	36	48.7	76	17.4	10	1	27	24	04	1.2	04.0	J	26.95	A	22.29		*		*	*
29	07	64	08.0	PA	0004	36	48.7	76	17.4	10	1	27	24	04	1.2	06.0	J	26.53	A	22.81		*		*	*
29	07	64	08.0	PA	0004	36	48.7	76	17.4	10	1	27	24	04	1.2	08.0	J	25.95	A	22.91		*		*	*
29	07	64	08.0	PA	0004	36	48.7	76	17.4	10	1	27	24	04	1.2	10.0	J	25.74	A	22.94		*		*	*
29	07	64	08.5	PA	0004	36	48.7	76	17.4	10	1		*	*		00.0			A	21.39	L	19	D	0.00	08.7
29	07	64	08.5	PA	0004	36	48.7	76	17.4	10	1		*	*		02.0			A	21.87		*		*	*
29	07	64	08.5	PA	0004	36	48.7	76	17.4	10	1		*	*		04.0			A	22.39		*		*	*
29	07	64	08.5	PA	0004	36	48.7	76	17.4	10	1		*	*		06.0			A	22.68		*		*	*
29	07	64	08.5	PA	0004	36	48.7	76	17.4	10	1		*	*		08.0			A	22.91		*		*	*
29	07	64	08.5	PA	0004	36	48.7	76	17.4	10	1		*	*		10.0			A	22.99		*		*	*
29	07	64	09.0	PA	0004	36	48.7	76	17.4	10	1	29	26	03	1.2	00.0	J	27.22	A	21.31	L	18	D	0.00	09.2
29	07	64	09.0	PA	0004	36	48.7	76	17.4	10	1	29	26	03	1.2	02.0	J	26.84	A	22.06		*		*	*
29	07	64	09.0	PA	0004	36	48.7	76	17.4	10	1	29	26	03	1.2	04.0	J	26.40	A	22.34		*		*	*
29	07	64	09.0	PA	0004	36	48.7	76	17.4	10	1	29	26	03	1.2	06.0	J	25.98	A	22.80		*		*	*
29	07	64	09.0	PA	0004	36	48.7	76	17.4	10	1	29	26	03	1.2	08.0	J	25.64	A	22.88		*		*	*
29	07	64	09.0	PA	0004	36	48.7	76	17.4	10	1	29	26	03	1.2	10.0	J	25.50	A	22.98		*		*	*
29	07	64	09.5	PA	0004	36	48.7	76	17.4	10	1		*	*		00.0			A	21.86	L	17	D	0.00	09.7
29	07	64	09.5	PA	0004	36	48.7	76	17.4	10	1		*	*		02.0			A	22.06		*		*	*
29	07	64	09.5	PA	0004	36	48.7	76	17.4	10	1		*	*		04.0			A	22.59		*		*	*
29	07	64	09.5	PA	0004	36	48.7	76	17.4	10	1		*	*		06.0			A	22.66		*		*	*
29	07	64	09.5	PA	0004	36	48.7	76	17.4	10	1		*	*		08.0			A	22.99		*		*	*
29	07	64	09.5	PA	0004	36	48.7	76	17.4	10	1		*	*		10.0			A	23.00		*		*	*
29	07	64	10.0	PA	0004	36	48.7	76	17.4	10	2	29	24	04	1.2	00.0	J	27.80	A	21.94	L	17	D	0.12	10.2
29	07	64	10.0	PA	0004	36	48.7	76	17.4	10	2	29	24	04	1.2	02.0	J	27.71	A	22.02		*		*	*
29	07	64	10.0	PA	0004	36	48.7	76	17.4	10	2	29	24	04	1.2	04.0	J	26.67	A	22.43		*		*	*
29	07	64	10.0	PA	0004	36	48.7	76	17.4	10	2	29	24	04	1.2	06.0	J	25.84	A	22.90		*		*	*
29	07	64	10.0	PA	0004	36	48.7	76	17.4	10	2	29	24	04	1.2	08.0	J	25.78	A	22.98		*		*	*
29	07	64	10.0	PA	0004	36	48.7	76	17.4	10	2	29	24	04	1.2	10.0	J	25.57	A	22.98		*		*	*
29	07	64	10.5	PA	0004	36	48.7	76	17.4	10	2		*	*		00.0			A	22.03	L	17	D	0.17	10.7
29	07	64	10.5	PA	0004	36	48.7	76	17.4	10	2		*	*		02.0			A	21.99		*		*	*
29	07	64	10.5	PA	0004	36	48.7	76	17.4	10	2		*	*		04.0			A	22.38		*		*	*
29	07	64	10.5	PA	0004	36	48.7	76	17.4	10	2		*	*		06.0			A	22.96		*		*	*
29	07	64	10.5	PA	0004	36	48.7	76	17.4	10	2		*	*		08.0			A	22.96		*		*	*
29	07	64	10.5	PA	0004	36	48.7	76	17.4	10	2		*	*		10.0			A	22.96		*		*	*

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
29	07	64	11.0	PA	0004	36	48.7	76	17.4	11		2	29	11	03	1.2		00.0	J	27.50	A	22.13	L	17	D	0.20	11.1		
29	07	64	11.0	PA	0004	36	48.7	76	17.4	11		2	29	11	03	1.2		02.0	J	27.50	A	22.07		*		*	*		
29	07	64	11.0	PA	0004	36	48.7	76	17.4	11		2	29	11	03	1.2		04.0	J	26.50	A	22.40		*		*	*		
29	07	64	11.0	PA	0004	36	48.7	76	17.4	11		2	29	11	03	1.2		06.0	J	25.91	A	22.88		*		*	*		
29	07	64	11.0	PA	0004	36	48.7	76	17.4	11		2	29	11	03	1.2		08.0	J	25.57	A	22.90		*		*	*		
29	07	64	11.0	PA	0004	36	48.7	76	17.4	11		2	29	11	03	1.2		10.0	J	25.57	A	22.88		*		*	*		
29	07	64	11.5	PA	0004	36	48.7	76	17.4	11		3		*	*			00.0			A	22.10	L	16	D	0.11	11.6		
29	07	64	11.5	PA	0004	36	48.7	76	17.4	11		3		*	*			02.0			A	22.04		*		*	*		
29	07	64	11.5	PA	0004	36	48.7	76	17.4	11		3		*	*			04.0			A	21.93		*		*	*		
29	07	64	11.5	PA	0004	36	48.7	76	17.4	11		3		*	*			06.0			A	22.62		*		*	*		
29	07	64	11.5	PA	0004	36	48.7	76	17.4	11		3		*	*			08.0			A	22.88		*		*	*		
29	07	64	11.5	PA	0004	36	48.7	76	17.4	11		3		*	*			10.0			A	22.95		*		*	*		
29	07	64	12.0	PA	0004	36	48.7	76	17.4	10		4	30	24	04	1.1		00.0	J	27.64	A	22.04	L	16	D	0.00	12.1		
29	07	64	12.0	PA	0004	36	48.7	76	17.4	10		4	30	24	04	1.1		02.0	J	27.64	A	22.03		*		*	*		
29	07	64	12.0	PA	0004	36	48.7	76	17.4	10		4	30	24	04	1.1		04.0	J	26.50	A	22.63		*		*	*		
29	07	64	12.0	PA	0004	36	48.7	76	17.4	10		4	30	24	04	1.1		06.0	J	25.64	A	22.95		*		*	*		
29	07	64	12.0	PA	0004	36	48.7	76	17.4	10		4	30	24	04	1.1		08.0	J	25.43	A	22.95		*		*	*		
29	07	64	12.0	PA	0004	36	48.7	76	17.4	10		4	30	24	04	1.1		10.0	J	25.57	A	23.01		*		*	*		
29	07	64	12.5	PA	0004	36	48.7	76	17.4	10		4		*	*			00.0			A	22.09	L	03	D	0.00	12.6		
29	07	64	12.5	PA	0004	36	48.7	76	17.4	10		4		*	*			02.0			A	22.03		*		*	*		
29	07	64	12.5	PA	0004	36	48.7	76	17.4	10		4		*	*			04.0			A	22.34		*		*	*		
29	07	64	12.5	PA	0004	36	48.7	76	17.4	10		4		*	*			06.0			A	22.91		*		*	*		
29	07	64	12.5	PA	0004	36	48.7	76	17.4	10		4		*	*			08.0			A	22.95		*		*	*		
29	07	64	12.5	PA	0004	36	48.7	76	17.4	10		4		*	*			10.0			A	22.96		*		*	*		
29	07	64	13.0	PA	0004	36	48.7	76	17.4	10		5	31	23	04	1.0		00.0	J	27.67	A	22.05	L	31	D	0.26	13.1		
29	07	64	13.0	PA	0004	36	48.7	76	17.4	10		5	31	23	04	1.0		02.0	J	27.33	A	22.14		*		*	*		
29	07	64	13.0	PA	0004	36	48.7	76	17.4	10		5	31	23	04	1.0		04.0	J	26.53	A	22.38		*		*	*		
29	07	64	13.0	PA	0004	36	48.7	76	17.4	10		5	31	23	04	1.0		06.0	J	26.26	A	22.57		*		*	*		
29	07	64	13.0	PA	0004	36	48.7	76	17.4	10		5	31	23	04	1.0		08.0	J	25.84	A	22.93		*		*	*		
29	07	64	13.0	PA	0004	36	48.7	76	17.4	10		5	31	23	04	1.0		10.0	J	25.60	A	22.98		*		*	*		
29	07	64	13.5	PA	0004	36	48.7	76	17.4	10		6		*	*			00.0			A	21.34	L	31	D	0.28	13.6		
29	07	64	13.5	PA	0004	36	48.7	76	17.4	10		6		*	*			02.0			A	21.95		*		*	*		
29	07	64	13.5	PA	0004	36	48.7	76	17.4	10		6		*	*			04.0			A	22.17		*		*	*		
29	07	64	13.5	PA	0004	36	48.7	76	17.4	10		6		*	*			06.0			A	22.62		*		*	*		
29	07	64	13.5	PA	0004	36	48.7	76	17.4	10		6		*	*			08.0			A	22.86		*		*	*		
29	07	64	13.5	PA	0004	36	48.7	76	17.4	10		6		*	*			10.0			A	22.91		*		*	*		
29	07	64	14.5	PA	0004	36	48.7	76	17.4	10		6		*	*			00.0			A	21.13	L	33	D	0.29	14.7		
29	07	64	14.5	PA	0004	36	48.7	76	17.4	10		6		*	*			02.0			A	21.77		*	U	0.22	14.8		
29	07	64	14.5	PA	0004	36	48.7	76	17.4	10		6		*	*			04.0			A	22.67		*	U	0.14	14.8		
29	07	64	14.5	PA	0004	36	48.7	76	17.4	10		6		*	*			06.0			A	22.79		*	U	0.12	14.8		
29	07	64	14.5	PA	0004	36	48.7	76	17.4	10		6		*	*			08.0			A	22.83		*	U	0.11	14.8		
29	07	64	14.5	PA	0004	36	48.7	76	17.4	10		6		*	*			10.0			A	22.86	L	33	U	0.05	14.8		
29	07	64	14.0	PA	0004	36	48.7	76	17.4	10		6	32	23	03	1.1		00.0	J	28.05	A	21.43	L	34	D	0.25	14.2		
29	07	64	14.0	PA	0004	36	48.7	76	17.4	10		6	32	23	03	1.1		02.0	J	28.12	A	22.28		*	U	0.10	14.3		
29	07	64	14.0	PA	0004	36	48.7	76	17.4	10		6	32	23	03	1.1		04.0	J	26.91	A	22.37		*	U	0.15	14.3		
29	07	64	14.0	PA	0004	36	48.7	76	17.4	10		6	32	23	03	1.1		06.0	J	26.09	A	22.59		*	U	0.13	14.3		
29	07	64	14.0	PA	0004	36	48.7	76	17.4	10		6	32	23	03	1.1		08.0	J	25.91	A	22.82		*	U	0.03	14.3		
29	07	64	14.0	PA	0004	36	48.7	76	17.4	10		6	32	23	03	1.1		10.0	J	25.74	A	22.88		*	U	0.09	14.3		
29	07	64	15.0	PA	0004	36	48.7	76	17.4	10		6	32	23	05	1.2		00.0	J	28.33	A	21.71	L	34	D	0.35	15.2		
29	07	64	15.0	PA	0004	36	48.7	76	17.4	10		6	32	23	05	1.2		02.0	J	28.12	A	22.71		*	U	0.30	15.3		
29	07	64	15.0	PA	0004	36	48.7	76	17.4	10		6	32	23	05	1.2		04.0	J	27.53	A	22.46		*	U	0.25	15.3		
29	07	64	15.0	PA	0004	36	48.7	76	17.4	10		6	32	23	05	1.2		06.0	J	26.22	A	22.80		*	U	0.05	15.3		
29	07	64	15.0	PA	0004	36	48.7	76	17.4	10		6	32	23	05	1.2		08.0	J	25.67	A	22.79		*	U	0.10	15.3		
29	07	64	15.0	PA	0004	36	48.7	76	17.4	10		6	32	23	05	1.2		10.0	J	25.95	A	22.85	L	32	U	0.10	15.3		
29	07	64	15.5	PA	0004	36	48.7	76	17.4	10		6		*	*			00.0			A	21.53	L	34	D	0.40	15.6		
29	07	64	15.5	PA	0004	36	48.7	76	17.4	10		6		*	*			02.0			A	21.53		*	U	0.28	15.7		
29	07	64	15.5	PA	0004	36	48.7	76	17.4	10		6		*	*			04.0			A	22.45		*	U	0.23	15.7		
29	07	64	15.5	PA	0004	36	48.7	76	17.4	10		6		*	*			06.0			A	22.48		*	U	0.08	15.7		
29	07	64	15.5	PA	0004	36	48.7	76	17.4	10		6		*	*			08.0			A	22.78		*	U	0.08	15.7		
29	07	64	15.5	PA	0004	36	48.7	76	17.4	10		6		*	*			10.0			A	22.82	L	30	U	0.10	15.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
29	07	64	16.0	PA	0004	36	48.7	76	17.4	10		6	31	24	04	1.2		00.0	J	28.54	A	21.51	L	29	D	0.25	16.1		
29	07	64	16.0	PA	0004	36	48.7	76	17.4	10		6	31	24	04	1.2		02.0	J	28.33	A	21.54		*	U	0.28	16.2		
29	07	64	16.0	PA	0004	36	48.7	76	17.4	10		6	31	24	04	1.2		04.0	J	26.95	A	22.35		*	U	0.11	16.2		
29	07	64	16.0	PA	0004	36	48.7	76	17.4	10		6	31	24	04	1.2		06.0	J	25.91	A	22.62		*	U	0.05	16.2		
29	07	64	16.0	PA	0004	36	48.7	76	17.4	10		6	31	24	04	1.2		08.0	J	26.02	A	22.80		*	U	0.05	16.2		
29	07	64	16.0	PA	0004	36	48.7	76	17.4	10		6	31	24	04	1.2		10.0	J	25.95	A	22.81	L	32	U	0.03	16.2		
29	07	64	16.5	PA	0004	36	48.7	76	17.4	10		*		*	*			00.0			A	21.42	L	35	D	0.30	16.7		
29	07	64	16.5	PA	0004	36	48.7	76	17.4	10		*		*	*			02.0			A	21.40		*	U	0.31	16.8		
29	07	64	16.5	PA	0004	36	48.7	76	17.4	10		*		*	*			04.0			A	21.57		*	U	0.21	16.8		
29	07	64	16.5	PA	0004	36	48.7	76	17.4	10		*		*	*			06.0			A	22.78		*	U	0.05	16.8		
29	07	64	16.5	PA	0004	36	48.7	76	17.4	10		*		*	*			08.0			A	22.80		*	U	0.05	16.8		
29	07	64	16.5	PA	0004	36	48.7	76	17.4	10		*		*	*			10.0			A	22.80		*	U	0.06	16.8		
29	07	64	17.0	PA	0004	36	48.7	76	17.4	10		6	31	23	03	1.2		00.0	J	28.72	A	21.40	L	35	D	0.29	17.2		
29	07	64	17.0	PA	0004	36	48.7	76	17.4	10		6	31	23	03	1.2		02.0	J	28.23	A	21.61		*	U	0.30	17.3		
29	07	64	17.0	PA	0004	36	48.7	76	17.4	10		6	31	23	03	1.2		04.0	J	27.29	A	22.44		*	U	0.16	17.3		
29	07	64	17.0	PA	0004	36	48.7	76	17.4	10		6	31	23	03	1.2		06.0	J	26.19	A	22.62		*	U	0.09	17.3		
29	07	64	17.0	PA	0004	36	48.7	76	17.4	10		6	31	23	03	1.2		08.0	J	25.95	A	22.78		*	U	0.05	17.3		
29	07	64	17.0	PA	0004	36	48.7	76	17.4	10		6	31	23	03	1.2		10.0	J	25.95	A	22.80	L	02	U	0.05	17.3		
29	07	64	17.5	PA	0004	36	48.7	76	17.4	10		*		*	*			00.0			A	21.36		*		*	*		
29	07	64	17.5	PA	0004	36	48.7	76	17.4	10		*		*	*			02.0			A	21.53		*	U	0.22	17.5		
29	07	64	17.5	PA	0004	36	48.7	76	17.4	10		*		*	*			04.0			A	22.40		*	U	0.20	17.6		
29	07	64	17.5	PA	0004	36	48.7	76	17.4	10		*		*	*			06.0			A	22.66		*	U	0.06	17.6		
29	07	64	17.5	PA	0004	36	48.7	76	17.4	10		*		*	*			08.0			A	22.76		*	U	0.06	17.6		
29	07	64	09.0	LA	0004	36	52.6	76	20.3	11		1	30	23	06	1.1		00.0	C	25.00	C	23.04	T	12	T	0.07	08.7		
29	07	64	09.0	LA	0004	36	52.6	76	20.3	11		1	30	23	06	1.1		02.0	C	25.00	C	23.02	T	13	T	0.08	08.7		
29	07	64	09.0	LA	0004	36	52.6	76	20.3	11		1	30	23	06	1.1		04.0	C	25.00	C	23.02	T	09	T	0.10	08.7		
29	07	64	09.0	LA	0004	36	52.6	76	20.3	11		1	30	23	06	1.1		06.0	C	25.44	C	22.82	T	10	T	0.13	08.7		
29	07	64	09.0	LA	0004	36	52.6	76	20.3	11		1	30	23	06	1.1		08.0	C	25.36	C	22.87	T	09	T	0.16	08.8		
29	07	64	09.0	LA	0004	36	52.6	76	20.3	11		1	30	23	06	1.1		10.0	C	25.32	C	22.90	T	09	T	0.13	08.8		
29	07	64	09.5	LA	0004	36	52.6	76	20.3	11		1		*	*			00.0	C	25.64	C	22.84	T	15	T	0.12	*		
29	07	64	09.5	LA	0004	36	52.6	76	20.3	11		1		*	*			02.0	C	25.54	C	22.85	T	13	T	0.13	*		
29	07	64	09.5	LA	0004	36	52.6	76	20.3	11		1		*	*			04.0	C	25.49	C	22.86	T	09	T	0.16	*		
29	07	64	09.5	LA	0004	36	52.6	76	20.3	11		1		*	*			06.0	C	25.36	C	22.88	T	08	T	0.24	*		
29	07	64	09.5	LA	0004	36	52.6	76	20.3	11		1		*	*			08.0	C	25.33	C	22.90	T	10	T	0.26	*		
29	07	64	09.5	LA	0004	36	52.6	76	20.3	11		1		*	*			10.0	C	25.30	C	22.91	T	09	T	0.17	*		
29	07	64	10.0	LA	0004	36	52.6	76	20.3	11		1	32	27	03	1.1		00.0	C	25.66	C	22.84	T	19	T	0.15	10.0		
29	07	64	10.0	LA	0004	36	52.6	76	20.3	11		1	32	27	03	1.1		02.0	C	25.58	C	22.85	T	11	T	0.16	10.0		
29	07	64	10.0	LA	0004	36	52.6	76	20.3	11		1	32	27	03	1.1		04.0	C	25.42	C	22.87	T	18	T	0.20	10.1		
29	07	64	10.0	LA	0004	36	52.6	76	20.3	11		1	32	27	03	1.1		06.0	C	25.38	C	22.88	T	18	T	0.25	10.1		
29	07	64	10.0	LA	0004	36	52.6	76	20.3	11		1	32	27	03	1.1		08.0	C	25.32	C	22.93	T	09	T	0.20	10.1		
29	07	64	10.0	LA	0004	36	52.6	76	20.3	11		1	32	27	03	1.1		10.0	C	25.32	C	22.92	T	08	T	0.15	10.1		
29	07	64	10.5	LA	0004	36	52.6	76	20.3	11		3		*	*			00.0	C	25.74	C	22.87	T	12	T	0.21	10.5		
29	07	64	10.5	LA	0004	36	52.6	76	20.3	11		3		*	*			02.0	C	25.60	C	22.89	T	10	T	0.23	10.5		
29	07	64	10.5	LA	0004	36	52.6	76	20.3	11		3		*	*			04.0	C	25.58	C	22.88	T	09	T	0.21	10.6		
29	07	64	10.5	LA	0004	36	52.6	76	20.3	11		3		*	*			06.0	C	25.56	C	22.89	T	08	T	0.22	10.6		
29	07	64	10.5	LA	0004	36	52.6	76	20.3	11		3		*	*			08.0	C	25.44	C	22.90	T	09	T	0.24	10.6		
29	07	64	10.5	LA	0004	36	52.6	76	20.3	11		3		*	*			10.0	C	25.32	C	22.92	T	09	T	0.13	10.7		
29	07	64	11.0	LA	0004	36	52.6	76	20.3	11		3	33	27	09	1.0		00.0	C	25.64	C	22.89	T	12	T	0.12	11.0		
29	07	64	11.0	LA	0004	36	52.6	76	20.3	11		3	33	27	09	1.0		02.0	C	25.58	C	22.89	T	11	T	0.15	11.0		
29	07	64	11.0	LA	0004	36	52.6	76	20.3	11		3	33	27	09	1.0		04.0	C	25.44	C	22.91	T	10	T	0.23	11.1		
29	07	64	11.0	LA	0004	36	52.6	76	20.3	11		3	33	27	09	1.0		06.0	C	25.34	C	22.92	T	09	T	0.25	11.1		
29	07	64	11.0	LA	0004	36	52.6	76	20.3	11		3	33	27	09	1.0		08.0	C	25.34	C	22.91	T	09	T	0.25	11.1		
29	07	64	11.0	LA	0004	36	52.6	76	20.3	11		3	33	27	09	1.0		10.0	C	25.32	C	22.92	T	08	T	0.19	11.1		
29	07	64	11.5	LA	0004	36	52.6	76	20.3	11		4		*	*			00.0	C	25.68	C	22.87	T	15	T	0.05	11.5		
29	07	64	11.5	LA	0004	36	52.6	76	20.3	11		4		*	*			02.0	C	25.60	C	22.88	T	13	T	0.07	11.5		
29	07	64	11.5	LA	0004	36	52.6	76	20.3	11		4		*	*			04.0	C	25.58	C	22.89	T	09	T	0.10	11.5		
29	07	64	11.5	LA	0004	36	52.6	76	20.3	11		4		*	*			06.0	C	25.60	C	22.88	T	10	T	0.15	11.5		
29	07	64	11.5	LA	0004	36	52.6	76	20.3	11		4		*	*			08.0	C	25.52	C	22.90	T	08	T	0.17	11.6		
29	07	64	11.5	LA	0004	36	52.6	76	20.3	11		4		*	*			10.0	C	25.38	C	22.92	T	09	T	0.10	11.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
29	07	64	12.0	LA	0004	36	52.6	76	20.3	11		4	32	27	03	1.0		00.0	C	25.74	C	22.84	T	11	T	0.06	12.0		
29	07	64	12.0	LA	0004	36	52.6	76	20.3	11		4	32	27	03	1.0		02.0	C	25.68	C	22.85	T	09	T	0.07	12.0		
29	07	64	12.0	LA	0004	36	52.6	76	20.3	11		4	32	27	03	1.0		04.0	C	25.68	C	22.86	T	08	T	0.10	12.0		
29	07	64	12.0	LA	0004	36	52.6	76	20.3	11		4	32	27	03	1.0		06.0	C	25.62	C	22.85	T	09	T	0.10	12.0		
29	07	64	12.0	LA	0004	36	52.6	76	20.3	11		4	32	27	03	1.0		08.0	C	25.62	C	22.74	T	08	T	0.12	12.0		
29	07	64	12.0	LA	0004	36	52.6	76	20.3	11		4	32	27	03	1.0		10.0	C	25.40	C	22.88	T	07	T	0.05	12.0		
29	07	64	12.5	LA	0004	36	52.6	76	20.3	11		4		*	*			00.0	C	25.86	C	22.84	T	26	T	0.03	12.5		
29	07	64	12.5	LA	0004	36	52.6	76	20.3	11		4		*	*			02.0	C	25.76	C	22.86	T	07	T	0.05	12.5		
29	07	64	12.5	LA	0004	36	52.6	76	20.3	11		4		*	*			04.0	C	25.74	C	22.84	T	14	T	0.05	12.5		
29	07	64	12.5	LA	0004	36	52.6	76	20.3	11		4		*	*			06.0	C	25.66	C	22.84	T	12	T	0.07	12.5		
29	07	64	12.5	LA	0004	36	52.6	76	20.3	11		4		*	*			08.0	C	25.56	C	22.86	T	11	T	0.07	12.5		
29	07	64	12.5	LA	0004	36	52.6	76	20.3	11		4		*	*			10.0	C	25.46	C	22.86	T	12	T	0.04	12.5		
29	07	64	13.0	LA	0004	36	52.6	76	20.3	11		4	33	21	04	1.0		00.0	C	25.94	C	22.84	T	33	T	0.02	13.0		
29	07	64	13.0	LA	0004	36	52.6	76	20.3	11		4	33	21	04	1.0		02.0	C	25.92	C	22.85	T	17	T	0.02	13.0		
29	07	64	13.0	LA	0004	36	52.6	76	20.3	11		4	33	21	04	1.0		04.0	C	25.80	C	22.83	T	06	T	0.03	13.1		
29	07	64	13.0	LA	0004	36	52.6	76	20.3	11		4	33	21	04	1.0		06.0	C	25.76	C	22.83	T	13	T	0.05	13.1		
29	07	64	13.0	LA	0004	36	52.6	76	20.3	11		4	33	21	04	1.0		08.0	C	25.70	C	22.81	T	09	T	0.03	13.1		
29	07	64	13.0	LA	0004	36	52.6	76	20.3	11		4	33	21	04	1.0		10.0	C	25.66	C	22.86	T	14	T	0.03	13.1		
29	07	64	13.5	LA	0004	36	52.6	76	20.3	11		4		*	*			00.0	C	25.96	C	22.82	T	00	T	0.05	13.5		
29	07	64	13.5	LA	0004	36	52.6	76	20.3	11		4		*	*			02.0	C	25.82	C	22.83	T	13	T	0.02	13.5		
29	07	64	13.5	LA	0004	36	52.6	76	20.3	11		4		*	*			04.0	C	25.56	C	22.77	T	01	T	0.05	13.5		
29	07	64	13.5	LA	0004	36	52.6	76	20.3	11		4		*	*			06.0	C	25.48	C	22.82	T	06	T	0.02	13.6		
29	07	64	13.5	LA	0004	36	52.6	76	20.3	11		4		*	*			08.0	C	25.48	C	22.83	T	32	T	0.04	13.6		
29	07	64	13.5	LA	0004	36	52.6	76	20.3	11		4		*	*			10.0	C	25.38	C	22.91	T	26	T	0.04	13.6		
29	07	64	14.0	LA	0004	36	52.6	76	20.3	11		4	33	23	04	0.8		00.0	C	25.60	C	22.77	T	00	T	0.00	14.1		
29	07	64	14.0	LA	0004	36	52.6	76	20.3	11		4	33	23	04	0.8		02.0	C	25.46	C	22.82	T	02	T	0.04	14.1		
29	07	64	14.0	LA	0004	36	52.6	76	20.3	11		4	33	23	04	0.8		04.0	C	25.42	C	22.87	T	06	T	0.03	14.1		
29	07	64	14.0	LA	0004	36	52.6	76	20.3	11		4	33	23	04	0.8		06.0	C	25.36	C	22.88	T	34	T	0.04	14.1		
29	07	64	14.0	LA	0004	36	52.6	76	20.3	11		4	33	23	04	0.8		08.0	C	25.38	C	22.87	T	31	T	0.05	14.1		
29	07	64	14.0	LA	0004	36	52.6	76	20.3	11		4	33	23	04	0.8		10.0	C	25.38	C	22.91	T	27	T	0.03	14.1		
29	07	64	14.5	LA	0004	36	52.6	76	20.3	11		4		*	*			00.0	C	26.20	C	22.80	T	23	T	0.08	14.6		
29	07	64	14.5	LA	0004	36	52.6	76	20.3	11		4		*	*			02.0	C	26.20	C	22.72	T	30	T	0.05	14.6		
29	07	64	14.5	LA	0004	36	52.6	76	20.3	11		4		*	*			04.0	C	26.00	C	22.68	T	28	T	0.05	14.6		
29	07	64	14.5	LA	0004	36	52.6	76	20.3	11		4		*	*			06.0	C	25.50	C	22.81	T	32	T	0.02	14.6		
29	07	64	14.5	LA	0004	36	52.6	76	20.3	11		4		*	*			08.0	C	25.36	C	22.89	T	27	T	0.01	14.6		
29	07	64	14.5	LA	0004	36	52.6	76	20.3	11		4		*	*			10.0	C	25.36	C	22.89	T	27	T	0.01	14.6		
29	07	64	15.0	LA	0004	36	52.6	76	20.3	11		5	33	23	07	1.0		00.0	C	26.40	C	22.84	T	27	T	0.08	15.1		
29	07	64	15.0	LA	0004	36	52.6	76	20.3	11		5	33	23	07	1.0		02.0	C	25.94	C	22.96	T	29	T	0.06	15.1		
29	07	64	15.0	LA	0004	36	52.6	76	20.3	11		5	33	23	07	1.0		04.0	C	25.98	C	22.85	T	31	T	0.10	15.1		
29	07	64	15.0	LA	0004	36	52.6	76	20.3	11		5	33	23	07	1.0		06.0	C	25.96	C	22.86	T	31	T	0.11	15.1		
29	07	64	15.0	LA	0004	36	52.6	76	20.3	11		5	33	23	07	1.0		08.0	C	25.78	C	22.84	T	28	T	0.07	15.1		
29	07	64	15.0	LA	0004	36	52.6	76	20.3	11		5	33	23	07	1.0		10.0	C	25.50	C	22.92	T	28	T	0.06	15.1		
29	07	64	15.5	LA	0004	36	52.6	76	20.3	11		5		*	*			00.0	C	26.60	C	22.85	T	27	T	0.11	15.6		
29	07	64	15.5	LA	0004	36	52.6	76	20.3	11		5		*	*			02.0	C	26.34	C	22.87	T	29	T	0.08	15.6		
29	07	64	15.5	LA	0004	36	52.6	76	20.3	11		5		*	*			04.0	C	26.30	C	22.85	T	29	T	0.10	15.6		
29	07	64	15.5	LA	0004	36	52.6	76	20.3	11		5		*	*			06.0	C	25.92	C	22.85	T	31	T	0.10	15.6		
29	07	64	15.5	LA	0004	36	52.6	76	20.3	11		5		*	*			08.0	C	25.66	C	22.86	T	29	T	0.05	15.6		
29	07	64	15.5	LA	0004	36	52.6	76	20.3	11		5		*	*			10.0	C	25.56	C	22.87	T	27	T	0.05	15.6		
29	07	64	16.0	LA	0004	36	52.6	76	20.3	11		5	31	23	06	1.0		00.0	C	26.54	C	22.85	T	27	T	0.07	16.1		
29	07	64	16.0	LA	0004	36	52.6	76	20.3	11		5	31	23	06	1.0		02.0	C	26.50	C	22.84	T	30	T	0.08	16.1		
29	07	64	16.0	LA	0004	36	52.6	76	20.3	11		5	31	23	06	1.0		04.0	C	26.32	C	22.90	T	30	T	0.12	16.1		
29	07	64	16.0	LA	0004	36	52.6	76	20.3	11		5	31	23	06	1.0		06.0	C	26.08	C	22.85	T	30	T	0.15	16.1		
29	07	64	16.0	LA	0004	36	52.6	76	20.3	11		5	31	23	06	1.0		08.0	C	25.64	C	22.85	T	28	T	0.09	16.1		
29	07	64	16.0	LA	0004	36	52.6	76	20.3	11		5	31	23	06	1.0		10.0	C	25.56	C	22.85	T	27	T	0.13	16.1		
29	07	64	16.5	LA	0004	36	52.6	76	20.3	11		5		*	*	1.0		00.0	C	26.46	C	22.80	T	27	T	0.07	16.7		
29	07	64	16.5	LA	0004	36	52.6	76	20.3	11		5		*	*	1.0		02.0	C	26.36	C	22.78	T	30	T	0.07	16.7		
29	07	64	16.5	LA	0004	36	52.6	76	20.3	11		5		*	*	1.0		04.0	C	26.30	C	22.14	T	30	T	0.10	16.7		
29	07	64	16.5	LA	0004	36	52.6	76	20.3	11		5		*	*	1.0		06.0	C	26.26	C	22.79	T	29	T	0.13	16.7		
29	07	64	16.5	LA	0004	36	52.6	76	20.3	11		5		*	*	1.0		08.0	C	25.80	C	22.81	T	28	T	0.08	16.7		
29	07	64	16.5	LA	0004	36	52.6	76	20.3	11		5		*	*	1.0		10.0	C	25.68	C	22.86	T	27	T	0.04	16.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
30	07	64	19.0	PA	0004	36	48.4	76	33.5	3		7	29		00			00.0	J	27.80	A	16.23	L	35	D	0.17	19.3		
30	07	64	19.0	PA	0004	36	48.4	76	33.5	3		7	29		00			01.0	J	27.91	A	15.85		*	U	0.19	19.1		
30	07	64	19.0	PA	0004	36	48.4	76	33.5	3		7	29		00			02.0	J	27.91	A	16.08		*	U	0.15	19.1		
30	07	64	19.0	PA	0004	36	48.4	76	33.5	3		7	29		00			03.0	J	28.05	A	16.20	L	35	U	0.13	19.1		
30	07	64	19.5	PA	0004	36	48.4	76	33.5	3		7			*			00.0			A	15.83	L	36	D	0.19	19.8		
30	07	64	19.5	PA	0004	36	48.4	76	33.5	3		7			*			01.0			A	15.82		*	U	0.10	19.7		
30	07	64	19.5	PA	0004	36	48.4	76	33.5	3		7			*			02.0			A	15.90		*	U	0.09	19.7		
30	07	64	19.5	PA	0004	36	48.4	76	33.5	3		7			*			03.0			A	16.05	L	36	U	0.10	19.7		
30	07	64	20.0	PA	0004	36	48.4	76	33.5	3		7	28		00			00.0	J	27.88	A	15.63	L	36	D	0.12	20.1		
30	07	64	20.0	PA	0004	36	48.4	76	33.5	3		7	28		00			01.0	J	27.74	A	15.85		*	U	0.07	20.2		
30	07	64	20.0	PA	0004	36	48.4	76	33.5	3		7	28		00			02.0	J	27.95	A	15.94		*	U	0.05	20.2		
30	07	64	20.0	PA	0004	36	48.4	76	33.5	3		7	28		00			03.0	J	27.60	A	15.98	L	36	U	0.02	20.3		
30	07	64	20.5	PA	0004	36	48.4	76	33.5	3		8			*			00.0			A	15.57	L	00	D	0.00	20.8		
30	07	64	20.5	PA	0004	36	48.4	76	33.5	3		8			*			01.0			A	15.67		*	U	0.00	20.7		
30	07	64	20.5	PA	0004	36	48.4	76	33.5	3		8			*			02.0			A	15.71		*	U	0.00	20.7		
30	07	64	20.5	PA	0004	36	48.4	76	33.5	3		8			*			03.0			A	15.82	L	00	U	0.00	20.7		
30	07	64	21.0	PA	0004	36	48.4	76	33.5	3		1	26		00			00.0	J	27.43	A	14.92	L	00	D	0.00	21.1		
30	07	64	21.0	PA	0004	36	48.4	76	33.5	3		1	26		00			01.0	J	27.71	A	15.52		*	U	0.00	21.2		
30	07	64	21.0	PA	0004	36	48.4	76	33.5	3		1	26		00			02.0	J	27.64	A	15.74		*	U	0.00	21.2		
30	07	64	21.0	PA	0004	36	48.4	76	33.5	3		1	26		00			03.0	J	27.64	A	16.30	L	00	U	0.00	21.2		
30	07	64	21.5	PA	0004	36	48.4	76	33.5	3		1			*			00.0			A	15.27		*		*	*		
30	07	64	21.5	PA	0004	36	48.4	76	33.5	3		1			*			01.0			A	15.70		*	U	0.25	21.6		
30	07	64	21.5	PA	0004	36	48.4	76	33.5	3		1			*			02.0			A	16.13		*	U	0.30	21.6		
30	07	64	21.5	PA	0004	36	48.4	76	33.5	3		1			*			03.0			A	16.15	L	18	U	0.32	21.6		
30	07	64	22.0	PA	0004	36	48.4	76	33.5	3		2	27		00			00.0	J	27.64	A	15.75	L	18	D	0.25	22.1		
30	07	64	22.0	PA	0004	36	48.4	76	33.5	3		2	27		00			01.0	J	27.64	A	15.74		*	U	0.32	22.2		
30	07	64	22.0	PA	0004	36	48.4	76	33.5	3		2	27		00			02.0	J	27.67	A	16.28		*	U	0.31	22.2		
30	07	64	22.0	PA	0004	36	48.4	76	33.5	3		2	27		00			03.0	J	27.74	A	16.29	L	18	U	0.25	22.2		
30	07	64	22.5	PA	0004	36	48.4	76	33.5	3		2			*			00.0			A	16.17	L	18	D	0.37	22.6		
30	07	64	22.5	PA	0004	36	48.4	76	33.5	3		2			*			01.0			A	16.15		*	U	0.41	22.6		
30	07	64	22.5	PA	0004	36	48.4	76	33.5	3		2			*			02.0			A	16.33		*	U	0.35	22.7		
30	07	64	22.5	PA	0004	36	48.4	76	33.5	3		2			*			03.0			A	16.57	L	18	U	0.31	22.7		
30	07	64	23.0	PA	0004	36	48.4	76	33.5	3		3	25		00			00.0	J	27.47	A	16.74	L	18	D	0.35	23.1		
30	07	64	23.0	PA	0004	36	48.4	76	33.5	3		3	25		00			01.0	J	27.88	A	16.73		*	C	0.35	23.1		
30	07	64	23.0	PA	0004	36	48.4	76	33.5	3		3	25		00			02.0	J	27.88	A	16.74		*	C	0.35	23.2		
30	07	64	23.0	PA	0004	36	48.4	76	33.5	3		3	25		00			03.0	J	27.71	A	16.74	L	18	C	0.30	23.2		
30	07	64	23.5	PA	0004	36	48.4	76	33.5	3		3			*			00.0			A	16.87	L	18	D	0.32	23.6		
30	07	64	23.5	PA	0004	36	48.4	76	33.5	3		3			*			01.0			A	16.90		*	U	0.35	23.6		
30	07	64	23.5	PA	0004	36	48.4	76	33.5	3		3			*			02.0			A	16.94		*	U	0.35	23.7		
30	07	64	23.5	PA	0004	36	48.4	76	33.5	3		3			*			03.0			A	16.99	L	18	U	0.31	23.7		
31	07	64	00.0	PA	0004	36	48.4	76	33.5	3		3	25		00			00.0	J	27.71	A	17.21	L	18	D	0.32	00.1		
31	07	64	00.0	PA	0004	36	48.4	76	33.5	3		3	25		00			01.0	J	27.53	A	17.34		*	U	0.31	00.2		
31	07	64	00.0	PA	0004	36	48.4	76	33.5	3		3	25		00			02.0	J	27.74	A	17.47		*	U	0.31	00.2		
31	07	64	00.0	PA	0004	36	48.4	76	33.5	3		3	25		00			03.0	J	27.74	A	17.47	L	18	U	0.30	00.2		
31	07	64	00.5	PA	0004	36	48.4	76	33.5	3		3			*			00.0			A	17.51	L	18	D	0.28	00.6		
31	07	64	00.5	PA	0004	36	48.4	76	33.5	3		3			*			01.0			A	17.72		*	U	0.32	00.6		
31	07	64	00.5	PA	0004	36	48.4	76	33.5	3		3			*			02.0			A	17.74		*	U	0.31	00.7		
31	07	64	00.5	PA	0004	36	48.4	76	33.5	3		3			*			03.0			A	17.77	L	18	U	0.29	00.7		
31	07	64	01.0	PA	0004	36	48.4	76	33.5	3		3	23		00			00.0	J	27.16	A	17.68	L	17	D	0.25	01.2		
31	07	64	01.0	PA	0004	36	48.4	76	33.5	3		3	23		00			01.0	J	27.16	A	17.79		*	U	0.28	01.2		
31	07	64	01.0	PA	0004	36	48.4	76	33.5	3		3	23		00			02.0	J	27.36	A	17.91		*	U	0.24	01.2		
31	07	64	01.0	PA	0004	36	48.4	76	33.5	3		3	23		00			03.0	J	27.53	A	17.95	L	17	U	0.23	01.2		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
31	07	64	01.5	PA	0004	36	48.4	76	33.5	3		3			*			00.0			A	17.95	L	17	D	0.20	01.7		
31	07	64	01.5	PA	0004	36	48.4	76	33.5	3		3			*			01.0			A	18.03		*	U	0.19	01.6		
31	07	64	01.5	PA	0004	36	48.4	76	33.5	3		3			*			02.0			A	18.07		*	U	0.17	01.6		
31	07	64	01.5	PA	0004	36	48.4	76	33.5	3		3			*			03.0			A	18.25	L	17	U	0.12	01.6		
31	07	64	02.0	PA	0004	36	48.4	76	33.5	3		3	24		00			00.0	J	27.26	A	18.01	L	17	D	0.11	02.2		
31	07	64	02.0	PA	0004	36	48.4	76	33.5	3		3	24		00			01.0	J	27.26	A	18.00		*	U	0.09	02.0		
31	07	64	02.0	PA	0004	36	48.4	76	33.5	3		3	24		00			02.0	J	27.33	A	18.32		*	U	0.08	02.0		
31	07	64	02.0	PA	0004	36	48.4	76	33.5	3		3	24		00			03.0	J	27.50	A	18.35	L	17	U	0.07	02.0		
31	07	64	02.5	PA	0004	36	48.4	76	33.5	3		4			*			00.0			A	17.95	L	00	D	0.00	02.7		
31	07	64	02.5	PA	0004	36	48.4	76	33.5	3		4			*			01.0			A	17.95		*	U	0.01	02.6		
31	07	64	02.5	PA	0004	36	48.4	76	33.5	3		4			*			02.0			A	18.34		*	U	0.01	02.6		
31	07	64	02.5	PA	0004	36	48.4	76	33.5	3		4			*			03.0			A	18.36	L	36	U	0.01	02.6		
31	07	64	03.0	PA	0004	36	48.4	76	33.5	*3		5	23	26	01			00.0	J	27.26	A	17.83	L	36	D	0.23	03.2		
31	07	64	03.0	PA	0004	36	48.4	76	33.5	*3		5	23	26	01			01.0	J	27.26	A	17.88		*	U	0.14	03.1		
31	07	64	03.0	PA	0004	36	48.4	76	33.5	*3		5	23	26	01			02.0	J	27.02	A	18.23		*	U	0.08	03.1		
31	07	64	03.0	PA	0004	36	48.4	76	33.5	*3		5	23	26	01			03.0	J	27.16	A	18.31	L	36	U	0.07	03.1		
31	07	64	03.5	PA	0004	36	48.4	76	33.5	3		6			*			00.0			A	17.45	L	36	D	0.35	03.6		
31	07	64	03.5	PA	0004	36	48.4	76	33.5	3		6			*			01.0			A	17.81		*	U	0.26	03.5		
31	07	64	03.5	PA	0004	36	48.4	76	33.5	3		6			*			02.0			A	17.97		*	U	0.25	03.5		
31	07	64	03.5	PA	0004	36	48.4	76	33.5	3		6			*			03.0			A	18.16	L	36	U	0.22	03.5		
31	07	64	04.0	PA	0004	36	48.4	76	33.5	3		6	24	3	01			00.0	J	25.74	A	16.35	L	36	D	0.42	04.2		
31	07	64	04.0	PA	0004	36	48.4	76	33.5	3		6	24	3	01			01.0	J	26.78	A	16.58		*	U	0.40	04.0		
31	07	64	04.0	PA	0004	36	48.4	76	33.5	3		6	24	3	01			02.0	J	26.88	A	17.31		*	U	0.42	04.1		
31	07	64	04.0	PA	0004	36	48.4	76	33.5	3		6	24	3	01			03.0	J	27.74	A	17.79	L	36	U	0.35	04.1		
31	07	64	04.5	PA	0004	36	48.4	76	33.5	3		6			*			00.0			A	16.35	L	36	D	0.32	04.7		
31	07	64	04.5	PA	0004	36	48.4	76	33.5	3		6			*			01.0			A	16.50		*	U	0.41	04.5		
31	07	64	04.5	PA	0004	36	48.4	76	33.5	3		6			*			02.0			A	17.41		*	U	0.35	04.6		
31	07	64	04.5	PA	0004	36	48.4	76	33.5	3		6			*			03.0			A	17.46	L	36	U	0.30	04.6		
31	07	64	05.0	PA	0004	36	48.4	76	33.5	3		6	23		00			00.0	J	27.29	A	16.35	L	36	D	0.32	05.2		
31	07	64	05.0	PA	0004	36	48.4	76	33.5	3		6	23		00			01.0	J	27.29	A	16.61		*	U	0.48	05.0		
31	07	64	05.0	PA	0004	36	48.4	76	33.5	3		6	23		00			02.0	J	27.36	A	17.00		*	U	0.38	05.1		
31	07	64	05.0	PA	0004	36	48.4	76	33.5	3		6	23		00			03.0	J	27.50	A	17.18	L	36	U	0.25	05.1		
31	07	64	05.5	PA	0004	36	48.4	76	33.5	3		6			*			00.0					L	35	D	0.30	05.8		
31	07	64	05.5	PA	0004	36	48.4	76	33.5	3		6			*			01.0			A	16.61		*	U	0.31	05.6		
31	07	64	05.5	PA	0004	36	48.4	76	33.5	3		6			*			02.0			A	16.75		*	U	0.25	05.7		
31	07	64	05.5	PA	0004	36	48.4	76	33.5	3		6			*			03.0			A	17.11	L	35	U	0.13	05.7		
31	07	64	06.0	PA	0004	36	48.4	76	33.5	3		6	23	8	00	0.6		00.0	J	27.29	A	16.23	L	35	D	0.25	06.2		
31	07	64	06.0	PA	0004	36	48.4	76	33.5	3		6	23	8	00	0.6		01.0	J	27.47	A	16.22		*	U	0.24	06.1		
31	07	64	06.0	PA	0004	36	48.4	76	33.5	3		6	23	8	00	0.6		02.0	J	27.47	A	16.12		*	U	0.20	06.1		
31	07	64	06.0	PA	0004	36	48.4	76	33.5	3		6	23	8	00	0.6		03.0	J	27.40	A	16.75	L	35	U	0.12	06.1		
31	07	64	06.5	PA	0004	36	48.4	76	33.5	3		6			*			00.0			A	16.09	L	35	D	0.25	06.7		
31	07	64	06.5	PA	0004	36	48.4	76	33.5	3		6			*			01.0			A	16.14		*	U	0.25	06.5		
31	07	64	06.5	PA	0004	36	48.4	76	33.5	3		6			*			02.0						*	U	0.18	06.6		
31	07	64	06.5	PA	0004	36	48.4	76	33.5	3		6			*			03.0			A	16.38	L	35	U	0.10	06.6		
31	07	64	07.0	PA	0004	36	48.4	76	33.5	3		6	24		00	0.2		00.0	J	27.43	A	15.89	L	35	D	0.23	07.1		
31	07	64	07.0	PA	0004	36	48.4	76	33.5	3		6	24		00	0.2		01.0	J	27.19	A	15.94		*	U	0.20	07.1		
31	07	64	07.0	PA	0004	36	48.4	76	33.5	3		6	24		00	0.2		02.0	J	27.05	A	16.22		*	U	0.12	07.1		
31	07	64	07.0	PA	0004	36	48.4	76	33.5	3		6	24		00	0.2		03.0	J	27.05	A	16.33	L	35	U	0.11	07.2		
31	07	64	07.5	PA	0004	36	48.4	76	33.5	3		6			*			00.0			A	15.80	L	35	D	0.09	07.6		
31	07	64	07.5	PA	0004	36	48.4	76	33.5	3		6			*			01.0			A	16.08		*	U	0.07	07.6		
31	07	64	07.5	PA	0004	36	48.4	76	33.5	3		6			*			02.0			A	16.19		*	U	0.05	07.7		
31	07	64	07.5	PA	0004	36	48.4	76	33.5	3		6			*			03.0			A	16.22	L	35	U	0.00	07.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
31	07	64	08.0	PA	0004	36	48.4	76	33.5	*3		7	25	10	05	0.4		00.0	J	26.84	A	15.72	L	35	D	0.00	08.1		
31	07	64	08.0	PA	0004	36	48.4	76	33.5	*3		7	25	10	05	0.4		01.0	J	26.84	A	15.79		*	U	0.05	08.1		
31	07	64	08.0	PA	0004	36	48.4	76	33.5	*3		7	25	10	05	0.4		02.0	J	26.84	A	15.86		*	U	0.08	08.2		
31	07	64	08.0	PA	0004	36	48.4	76	33.5	*3		7	25	10	05	0.4		03.0	J	26.84	A	16.00	L	35	U	0.00	08.2		
31	07	64	08.5	PA	0004	36	48.4	76	33.5	3		8			*			00.0			A	15.55	L	25	D	0.00	08.6		
31	07	64	08.5	PA	0004	36	48.4	76	33.5	3		8			*			01.0			A	16.02		*	U	0.05	08.6		
31	07	64	08.5	PA	0004	36	48.4	76	33.5	3		8			*			02.0			A	16.23		*	U	0.07	08.6		
31	07	64	08.5	PA	0004	36	48.4	76	33.5	3		8			*			03.0			A	15.96	L	25	U	0.05	08.7		
31	07	64	09.0	PA	0004	36	48.4	76	33.5	3		1	25	3	06	0.3		00.0	J	27.33	A	15.68	L	18	D	0.25	09.1		
31	07	64	09.0	PA	0004	36	48.4	76	33.5	3		1	25	3	06	0.3		01.0	J	26.88	A	15.87		*	U	0.19	09.1		
31	07	64	09.0	PA	0004	36	48.4	76	33.5	3		1	25	3	06	0.3		02.0	J	27.02	A	15.91		*	U	0.15	09.2		
31	07	64	09.0	PA	0004	36	48.4	76	33.5	3		1	25	3	06	0.3		03.0	J	27.02	A	16.11	L	18	U	0.15	09.2		
05	08	64	02.0	LA	0004	37	12.7	76	47.7	8		6	21	8	01			00.0	C	20.50	C	6.03	D	13	Q	0.48	02.2		
05	08	64	02.0	LA	0004	37	12.7	76	47.7	8		6	21	8	01			02.0	C	25.76	C	5.37		*	Q	0.38	02.2		
05	08	64	02.0	LA	0004	37	12.7	76	47.7	8		6	21	8	01			04.0	C	25.82	C	5.40		*	Q	0.51	02.2		
05	08	64	02.0	LA	0004	37	12.7	76	47.7	8		6	21	8	01			06.0	C	25.82	C	5.42		*	Q	0.51	02.2		
05	08	64	02.0	LA	0004	37	12.7	76	47.7	8		6	21	8	01			08.0	C	25.86	C	5.43		*		*	02.2		
05	08	64	02.5	LA	0004	37	12.7	76	47.7	8		6			*			00.0	C	25.69	C	5.29	D	13	Q	0.51	02.6		
05	08	64	02.5	LA	0004	37	12.7	76	47.7	8		6			*			02.0	C	25.70	C	5.30		*	Q	0.51	02.6		
05	08	64	02.5	LA	0004	37	12.7	76	47.7	8		6			*			04.0	C	25.73	C	5.29		*	Q	0.50	02.6		
05	08	64	02.5	LA	0004	37	12.7	76	47.7	8		6			*			06.0	C	25.75	C	5.29		*	Q	0.50	02.6		
05	08	64	02.5	LA	0004	37	12.7	76	47.7	8		6			*			08.0	C	25.77	C	5.29		*		*	02.6		
05	08	64	03.0	LA	0004	37	12.7	76	47.7	8		6	22	6	00			00.0	C	25.45	C	4.90	D	13	Q	0.55	03.1		
05	08	64	03.0	LA	0004	37	12.7	76	47.7	8		6	22	6	00			02.0	C	25.44	C	4.85		*	Q	0.55	03.1		
05	08	64	03.0	LA	0004	37	12.7	76	47.7	8		6	22	6	00			04.0	C	25.50	C	4.81		*	Q	0.55	03.1		
05	08	64	03.0	LA	0004	37	12.7	76	47.7	8		6	22	6	00			06.0	C	25.53	C	4.74		*	Q	0.55	03.1		
05	08	64	03.0	LA	0004	37	12.7	76	47.7	8		6	22	6	00			08.0	C	25.54	C	4.70		*		*	03.1		
05	08	64	03.5	LA	0004	37	12.7	76	47.7	8		6			*			00.0	C	25.56	C	4.60	D	13	Q	0.60	03.5		
05	08	64	03.5	LA	0004	37	12.7	76	47.7	8		6			*			02.0	C	25.56	C	4.61		*		0.55	03.5		
05	08	64	03.5	LA	0004	37	12.7	76	47.7	8		6			*			04.0	C	25.56	C	4.60		*		0.55	03.6		
05	08	64	03.5	LA	0004	37	12.7	76	47.7	8		6			*			06.0	C	25.57	C	4.61		*		0.50	03.6		
05	08	64	03.5	LA	0004	37	12.7	76	47.7	8		6			*			08.0	C	25.59	C	4.68		*		*	*		
05	08	64	04.0	LA	0004	37	12.7	76	47.7	7		6	21	9	02			00.0	C	25.42	C	4.11		*	Q	0.65	04.2		
05	08	64	04.0	LA	0004	37	12.7	76	47.7	7		6	21	9	02			02.0	C	25.50	C	4.13		*	Q	0.55	04.2		
05	08	64	04.0	LA	0004	37	12.7	76	47.7	7		6	21	9	02			04.0	C	25.50	C	4.20		*	Q	0.55	04.2		
05	08	64	04.0	LA	0004	37	12.7	76	47.7	7		6	21	9	02			06.0	C	25.56	C	4.24		*	Q	0.49	04.3		
05	08	64	04.0	LA	0004	37	12.7	76	47.7	7		6	21	9	02			07.0	C	25.57	C	4.28		*		*	04.3		
05	08	64	04.5	LA	0004	37	12.7	76	47.7	7		6			*			00.0	C	25.31	C	3.73	D	13	Q	0.63	04.6		
05	08	64	04.5	LA	0004	37	12.7	76	47.7	7		6			*			02.0	C	25.36	C	3.75		*	Q	0.50	04.6		
05	08	64	04.5	LA	0004	37	12.7	76	47.7	7		6			*			04.0	C	25.38	C	3.81		*	Q	0.50	04.6		
05	08	64	04.5	LA	0004	37	12.7	76	47.7	7		6			*			06.0	C	25.38	C	3.87		*	Q	0.38	04.6		
05	08	64	04.5	LA	0004	37	12.7	76	47.7	7		6			*			07.0						*	Q	0.31	04.6		
05	08	64	04.5	LA	0004	37	12.7	76	47.7	7		6			*			08.0	C	25.40	C	3.89		*		*	*		
05	08	64	05.0	LA	0004	37	12.7	76	47.7	7		7	21	5	00			00.0	C	25.27	C	3.63	D	13	Q	0.46	05.0		
05	08	64	05.0	LA	0004	37	12.7	76	47.7	7		7	21	5	00			02.0	C	25.31	C	3.65		*	Q	0.42	05.0		
05	08	64	05.0	LA	0004	37	12.7	76	47.7	7		7	21	5	00			04.0	C	25.33	C	3.67		*	Q	0.37	05.0		
05	08	64	05.0	LA	0004	37	12.7	76	47.7	7		7	21	5	00			06.0	C	25.34	C	3.70		*	Q	0.27	05.0		
05	08	64	05.0	LA	0004	37	12.7	76	47.7	7		7	21	5	00			07.0	C	25.33	C	3.73		*	Q	0.21	05.0		
05	08	64	05.5	LA	0004	37	12.7	76	47.7	7		7			*			00.0	C	25.22	C	3.50	D	13	Q	0.28	05.6		
05	08	64	05.5	LA	0004	37	12.7	76	47.7	7		7			*			02.0	C	25.31	C	3.56		*	Q	0.28	05.6		
05	08	64	05.5	LA	0004	37	12.7	76	47.7	7		7			*			04.0	C	25.38	C	3.59		*	Q	0.21	05.6		
05	08	64	05.5	LA	0004	37	12.7	76	47.7	7		7			*			06.0	C	25.38	C	3.62		*	Q	0.13	05.6		
05	08	64	05.5	LA	0004	37	12.7	76	47.7	7		7			*			07.0	C	25.39	C	3.51		*		*	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
05	08	64	06.0	LA	0004	37	12.7	76	47.7	7	8	21	8	00	0.8	00.0	C	25.14	C	3.25	D	00	Q	0.05	06.1
05	08	64	06.0	LA	0004	37	12.7	76	47.7	7	8	21	8	00	0.8	02.0	C	25.14	C	3.25		*	Q	0.06	06.1
05	08	64	06.0	LA	0004	37	12.7	76	47.7	7	8	21	8	00	0.8	04.0	C	25.37	C	3.56	F	00	Q	0.06	06.1
05	08	64	06.0	LA	0004	37	12.7	76	47.7	7	8	21	8	00	0.8	06.0	C	25.52	C	3.97		*	Q	0.16	06.1
05	08	64	06.0	LA	0004	37	12.7	76	47.7	7	8	21	8	00	0.8	07.0	C	25.61	C	3.57		*		*	*
05	08	64	06.5	LA	0004	37	12.7	76	47.7	7	1			*		00.0	C	25.16	C	3.24	D	30	Q	0.10	06.6
05	08	64	06.5	LA	0004	37	12.7	76	47.7	7	1			*		02.0	C	25.20	C	3.47		*	Q	0.12	06.6
05	08	64	06.5	LA	0004	37	12.7	76	47.7	7	1			*		04.0	C	25.09	C	3.69	F	36	Q	0.27	06.6
05	08	64	06.5	LA	0004	37	12.7	76	47.7	7	1			*		06.0	C	24.94	C	4.43		*	Q	0.44	06.6
05	08	64	07.0	LA	0004	37	12.7	76	47.7	7	1	22	5	02	1.0	00.0	C	25.13	C	2.98	D	30	Q	0.28	07.1
05	08	64	07.0	LA	0004	37	12.7	76	47.7	7	1	22	5	02	1.0	02.0	C	25.27	C	3.65		*	Q	0.32	07.1
05	08	64	07.0	LA	0004	37	12.7	76	47.7	7	1	22	5	02	1.0	04.0	C	25.15	C	3.79	F	34	Q	0.39	07.1
05	08	64	07.0	LA	0004	37	12.7	76	47.7	7	1	22	5	02	1.0	06.0	C	25.95	C	4.41		*	Q	0.45	07.1
05	08	64	07.5	LA	0004	37	12.7	76	47.7	7	1			*		00.0	C	25.39	C	3.53	D	30	Q	0.48	07.6
05	08	64	07.5	LA	0004	37	12.7	76	47.7	7	1			*		02.0	C	25.28	C	3.92		*	Q	0.60	07.6
05	08	64	07.5	LA	0004	37	12.7	76	47.7	7	1			*		04.0	C	25.03	C	4.67	F	32	Q	0.60	07.6
05	08	64	07.5	LA	0004	37	12.7	76	47.7	7	1			*		06.0	C	24.89	C	4.74		*	Q	0.50	07.6
05	08	64	07.5	LA	0004	37	12.7	76	47.7	7	1			*		07.0	C	24.90	C	4.73		*	Q	0.50	07.6
05	08	64	08.0	LA	0004	37	12.7	76	47.7	7	2	24	6	03	1.0	00.0	C	25.42	C	3.79	D	31	Q	0.50	08.1
05	08	64	08.0	LA	0004	37	12.7	76	47.7	7	2	24	6	03	1.0	02.0	C	25.44	C	3.84		*	Q	0.50	08.1
05	08	64	08.0	LA	0004	37	12.7	76	47.7	7	2	24	6	03	1.0	04.0	C	25.41	C	3.89	F	32	Q	0.47	08.1
05	08	64	08.0	LA	0004	37	12.7	76	47.7	7	2	24	6	03	1.0	06.0	C	25.32	C	4.17		*	Q	0.36	08.1
05	08	64	08.0	LA	0004	37	12.7	76	47.7	7	2	24	6	03	1.0	07.0	C	25.36	C	4.20		*		*	*
05	08	64	08.5	LA	0004	37	12.7	76	47.7	7	2			*		00.0	C	25.44	C	3.80	D	28	Q	0.50	08.6
05	08	64	08.5	LA	0004	37	12.7	76	47.7	7	2			*		02.0	C	25.45	C	3.93		*	Q	0.50	08.6
05	08	64	08.5	LA	0004	37	12.7	76	47.7	7	2			*		04.0	C	25.41	C	3.99	F	32	Q	0.50	08.6
05	08	64	08.5	LA	0004	37	12.7	76	47.7	7	2			*		06.0	C	25.34	C	4.36		*	Q	0.41	08.6
05	08	64	08.5	LA	0004	37	12.7	76	47.7	7	2			*		07.0	C	25.34	C	4.44		*		*	08.6
05	08	64	09.0	LA	0004	37	12.7	76	47.7	7	2	24	6	03	1.0	00.0	C	25.50	C	3.87	D	30	Q	0.35	09.1
05	08	64	09.0	LA	0004	37	12.7	76	47.7	7	2	24	6	03	1.0	02.0	C	25.42	C	4.02		*	Q	0.40	09.1
05	08	64	09.0	LA	0004	37	12.7	76	47.7	7	2	24	6	03	1.0	04.0	C	25.40	C	4.08	F	32	Q	0.26	09.1
05	08	64	09.0	LA	0004	37	12.7	76	47.7	7	2	24	6	03	1.0	06.0	C	25.38	C	4.34		*	Q	0.25	09.1
05	08	64	09.0	LA	0004	37	12.7	76	47.7	7	2	24	6	03	1.0	07.0	C	25.38	C	4.42		*		*	*
05	08	64	09.5	LA	0004	37	12.7	76	47.7	7	2			*		00.0	C	25.56	C	4.20	D	31	Q	0.50	09.6
05	08	64	09.5	LA	0004	37	12.7	76	47.7	7	2			*		02.0	C	25.54	C	4.26		*	Q	0.40	09.6
05	08	64	09.5	LA	0004	37	12.7	76	47.7	7	2			*		04.0	C	25.52	C	4.32	F	32	Q	0.38	09.6
05	08	64	09.5	LA	0004	37	12.7	76	47.7	7	2			*		06.0	C	25.48	C	4.59		*	Q	0.34	09.6
05	08	64	09.5	LA	0004	37	12.7	76	47.7	7	2			*		07.0	C	25.46	C	4.71		*		*	*
05	08	64	10.0	LA	0004	37	12.7	76	47.7	*7	3	25	11	01	1.0	00.0	C	25.60	C	4.37	D	32	Q	0.27	10.0
05	08	64	10.0	LA	0004	37	12.7	76	47.7	*7	3	25	11	01	1.0	02.0	C	25.58	C	4.43		*	Q	0.18	10.1
05	08	64	10.0	LA	0004	37	12.7	76	47.7	*7	3	25	11	01	1.0	04.0	C	25.50	C	4.69	F	33	Q	0.17	10.1
05	08	64	10.0	LA	0004	37	12.7	76	47.7	*7	3	25	11	01	1.0	06.0	C	25.48	C	4.80		*	Q	0.16	10.1
05	08	64	10.0	LA	0004	37	12.7	76	47.7	*7	3	25	11	01	1.0	07.0	C	25.48	C	4.86	F	32	Q	0.14	10.1
05	08	64	10.5	LA	0004	37	12.7	76	47.7	7	3			*		00.0	C	25.58	C	4.60	P	34	Q	0.12	10.6
05	08	64	10.5	LA	0004	37	12.7	76	47.7	7	3			*		02.0	C	25.52	C	4.61		*	Q	0.10	10.6
05	08	64	10.5	LA	0004	37	12.7	76	47.7	7	3			*		04.0	C	25.48	C	4.72	D	00	Q	0.12	10.6
05	08	64	10.5	LA	0004	37	12.7	76	47.7	7	3			*		06.0	C	25.48	C	4.92		*	Q	0.15	10.6
05	08	64	10.5	LA	0004	37	12.7	76	47.7	7	3			*		07.0	C	25.52	C	5.07	F	34	Q	0.17	10.6
05	08	64	11.0	LA	0004	37	12.7	76	47.7	7	3	29	4	01	1.2	00.0	C	25.70	C	4.44	D	06	Q	0.05	11.1
05	08	64	11.0	LA	0004	37	12.7	76	47.7	7	3	29	4	01	1.2	02.0	C	25.54	C	4.49		*	Q	0.04	11.1
05	08	64	11.0	LA	0004	37	12.7	76	47.7	7	3	29	4	01	1.2	04.0	C	25.50	C	4.55	F	00	Q	0.05	11.1
05	08	64	11.0	LA	0004	37	12.7	76	47.7	7	3	29	4	01	1.2	06.0	C	25.56	C	4.96		*	Q	0.10	11.1
05	08	64	11.0	LA	0004	37	12.7	76	47.7	7	3	29	4	01	1.2	07.0	C	25.60	C	4.99	F	02	Q	0.06	11.1
05	08	64	11.5	LA	0004	37	12.7	76	47.7	7	4			*		00.0	C	25.70	C	4.41	D	13	Q	0.08	11.6
05	08	64	11.5	LA	0004	37	12.7	76	47.7	7	4			*		02.0	C	25.14	C	4.55		*	Q	0.14	11.6
05	08	64	11.5	LA	0004	37	12.7	76	47.7	7	4			*		04.0	C	25.46	C	4.75	F	13	Q	0.14	11.6
05	08	64	11.5	LA	0004	37	12.7	76	47.7	7	4			*		06.0	C	25.52	C	4.88		*	Q	0.10	11.6
05	08	64	11.5	LA	0004	37	12.7	76	47.7	7	4			*		07.0	C	25.54	C	4.89	F	13	Q	0.06	11.6

DATE DAY	MONTH	YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	MIN. & TENTHS	LONGITUDE WEST DEGREES	MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	°C	SALINITY INSTR.	‰	CURRENT DIRXN INSTR.	CODE	VELOCITY INSTR.	M/SEC.	SAMPLE TIME (E.S.T.)
05	08	64	12.0	LA	0004	37	12.7	76	47.7	7	5	27	6	02	1.3	00.0	C	25.36	C	4.34	D	13	Q	0.27	12.1
05	08	64	12.0	LA	0004	37	12.7	76	47.7	7	5	27	6	02	1.3	02.0	C	25.06	C	4.66		*	Q	0.30	12.1
05	08	64	12.0	LA	0004	37	12.7	76	47.7	7	5	27	6	02	1.3	04.0	C	25.10	C	4.73	F	12	Q	0.28	12.1
05	08	64	12.0	LA	0004	37	12.7	76	47.7	7	5	27	6	02	1.3	06.0	C	25.06	C	4.72		*	Q	0.21	12.1
05	08	64	12.0	LA	0004	37	12.7	76	47.7	7	5	27	6	02	1.3	07.0					F	14		*	*
05	08	64	12.5	LA	0004	37	12.7	76	47.7	7	5			*		00.0	C	26.12	C	4.38	D	13	Q	0.35	12.6
05	08	64	12.5	LA	0004	37	12.7	76	47.7	7	5			*		02.0	C	25.96	C	4.36		*	Q	0.50	12.6
05	08	64	12.5	LA	0004	37	12.7	76	47.7	7	5			*		04.0	C	25.70	C	4.43	F	12	Q	0.50	12.6
05	08	64	12.5	LA	0004	37	12.7	76	47.7	7	5			*		06.0	C	25.54	C	4.76		*	Q	0.25	12.6
05	08	64	12.5	LA	0004	37	12.7	76	47.7	7	5			*		07.0					F	14		*	*
05	08	64	13.0	LA	0004	37	12.7	76	47.7	7	6	29		00	1.1	00.0	C	26.44	C	4.12	D	12	Q	0.50	13.0
05	08	64	13.0	LA	0004	37	12.7	76	47.7	7	6	2		00	1.1	02.0	C	25.96	C	4.21		*	Q	0.50	13.1
05	08	64	13.0	LA	0004	37	12.7	76	47.7	7	6	29		00	1.1	04.0	C	25.56	C	4.52	F	13	Q	0.37	13.1
05	08	64	13.0	LA	0004	37	12.7	76	47.7	7	6	29		00	1.1	06.0	C	25.54	C	4.70		*	Q	0.25	13.1
05	08	64	13.0	LA	0004	37	12.7	76	47.7	7	6	2		00	1.1	07.0	C	25.58	C	4.98	F	12		*	*
05	08	64	13.5	LA	0004	37	12.7	76	47.7	7	5			*		00.0	C	26.12	C	4.24	D	12	Q	0.62	13.6
05	08	64	13.5	LA	0004	37	12.7	76	47.7	7	5			*		02.0	C	25.76	C	4.36		*	Q	0.50	13.6
05	08	64	13.5	LA	0004	37	12.	76	47.7	7	5			*		04.0	C	25.62	C	4.47	F	13	Q	0.50	13.6
05	08	64	13.5	LA	0004	37	12.7	76	47.7	7	5			*		06.0	C	25.60	C	4.77		*	Q	0.42	13.6
05	08	64	13.5	LA	0004	37	12.7	76	47.7	7	5			*		07.0	C	25.58	C	4.82	F	12	Q	0.26	13.6
05	08	64	14.0	LA	0004	37	12.7	76	47.7	7	*			*		00.0	C	26.08	C	3.92	D	13	Q	0.62	14.1
05	08	64	14.0	LA	0004	37	12.7	76	47.7	7	*			*		02.0	C	25.78	C	4.04		*	Q	0.50	14.1
05	08	64	14.0	LA	0004	37	12.7	76	47.7	7	*			*		04.0	C	25.73	C	4.29	F	13	Q	0.48	14.1
05	08	64	14.0	LA	0004	37	12.7	76	47.7	7	*			*		06.0	C	25.63	C	4.63		*	Q	0.37	14.1
05	08	64	14.0	LA	0004	37	12.7	76	47.7	7	*			*		07.0	C	25.60	C	4.53	F	13	Q	0.28	14.1
05	08	64	14.5	LA	0004	37	12.7	76	47.7	7	6			*		00.0	C	26.04	C	3.88	D	14	Q	0.51	14.6
05	08	64	14.5	LA	0004	37	12.7	76	47.7	7	6			*		02.0	C	25.86	C	3.91		*		0.50	14.6
05	08	64	14.5	LA	0004	37	12.7	76	47.7	7	6			*		04.0	C	25.90	C	3.94	F	14		0.50	14.6
05	08	64	14.5	LA	0004	37	12.7	76	47.7	7	6			*		06.0	C	25.90	C	4.04		*		0.50	14.6
05	08	64	14.5	LA	0004	37	12.7	76	47.7	7	6			*		07.0	C	25.86	C	4.09	F	14		0.48	14.6
05	08	64	15.0	LA	0004	37	12.7	76	47.7	7	6			*		00.0	C	26.46	C	3.72	D	12	Q	0.52	15.1
05	08	64	15.0	LA	0004	37	12.7	76	47.7	7	6			*		02.0	C	26.30	C	3.72		*	Q	0.50	15.1
05	08	64	15.0	LA	0004	37	12.7	76	47.7	7	6			*		04.0	C	26.20	C	3.75	F	13	Q	0.49	15.1
05	08	64	15.0	LA	0004	37	12.7	76	47.7	7	6			*		06.0	C	26.04	C	3.82		*	Q	0.50	15.1
05	08	64	15.0	LA	0004	37	12.7	76	47.7	7	6			*		07.0	C	25.90	C	3.93	F	13	Q	0.25	15.1
05	08	64	15.5	LA	0004	37	12.7	76	47.7	7	6			*		00.0	C	26.14	C	3.30	D	13	Q	0.52	15.7
05	08	64	15.5	LA	0004	37	12.7	76	47.7	7	6			*		02.0	C	26.10	C	3.37		*	Q	0.49	15.7
05	08	64	15.5	LA	0004	37	12.7	76	47.7	7	6			*		04.0	C	26.10	C	3.46		*	Q	0.35	15.7
05	08	64	15.5	LA	0004	37	12.7	76	47.7	7	6			*		06.0	C	26.10	C	3.52		*	Q	0.26	15.7
05	08	64	15.5	LA	0004	37	12.7	76	47.7	7	6			*		07.0	C	25.52	C	3.83	F	13	Q	0.25	15.7
05	08	64	16.0	LA	0004	37	12.7	76	47.7	7	6	34		00	0.9	00.0	C	26.18	C	3.14		*	Q	0.50	16.1
05	08	64	16.0	LA	0004	37	12.7	76	47.7	7	6	34		00	0.9	02.0	C	26.02	C	3.17		*	Q	0.42	16.1
05	08	64	16.0	LA	0004	37	12.7	76	47.7	7	6	34		00	0.9	04.0	C	25.96	C	3.21		*	Q	0.27	16.1
05	08	64	16.0	LA	0004	37	12.7	76	47.7	7	6	34		00	0.9	06.0	C	25.80	C	3.42		*	Q	0.27	16.1
05	08	64	16.0	LA	0004	37	12.7	76	47.7	7	6	34		00	0.9	07.0	C	25.50	C	3.72		*	Q	0.25	16.1
05	08	64	16.5	LA	0004	37	12.7	76	47.7	7	6			*		00.0	C	26.10	C	2.98	D	13	Q	0.36	16.6
05	08	64	16.5	LA	0004	37	12.7	76	47.7	7	6			*		02.0	C	26.12	C	3.02		*	Q	0.28	16.6
05	08	64	16.5	LA	0004	37	12.7	76	47.7	7	6			*		04.0	C	26.14	C	3.06	F	13	Q	0.26	16.6
05	08	64	16.5	LA	0004	37	12.7	76	47.7	7	6			*		06.0	C	26.10	C	3.09		*	Q	0.24	16.6
05	08	64	16.5	LA	0004	37	12.7	76	47.7	7	6			*		07.0	C	25.86	C	3.28		*	Q	0.02	16.6
05	08	64	17.0	LA	0004	37	12.7	76	47.7	*7	6	28	14	01	0.8	00.0	C	25.92	C	2.80	D	13	Q	0.25	17.0
05	08	64	17.0	LA	0004	37	12.7	76	47.7	*7	6	28	14	01	0.8	02.0	C	25.98	C	2.84		*	Q	0.16	17.0
05	08	64	17.0	LA	0004	37	12.7	76	47.7	*7	6	28	14	01	0.8	04.0	C	26.04	C	2.90	F	13	Q	0.13	17.1
05	08	64	17.0	LA	0004	37	12.7	76	47.7	*7	6	28	14	01	0.8	06.0	C	26.08	C	2.98		*	Q	0.07	17.1
05	08	64	17.0	LA	0004	37	12.7	76	47.7	*7	6	28	14	01	0.8	07.0	C	25.88	C	3.09		*	Q	0.07	17.1
05	08	64	17.5	LA	0004	37	12.7	76	47.7	7	*			*		00.0	C	25.90	C	2.80		*	Q	0.01	17.5
05	08	64	17.5	LA	0004	37	12.7	76	47.7	7	*			*		02.0	C	25.90	C	2.81		*	Q	0.16	17.5
05	08	64	17.5	LA	0004	37	12.7	76	47.7	7	*			*		04.0	C	25.90	C	2.85	F	33	Q	0.20	17.6
05	08	64	17.5	LA	0004	37	12.7	76	47.7	7	*			*		06.0	C	25.80	C	3.18		*	Q	0.18	17.6
05	08	64	17.5	LA	0004	37	12.7	76	47.7	7	*			*		07.0	C	25.68	C	3.27		*	Q	0.19	17.6

Cruise 0005

Stations:

27
9
22
12
18
9'
2
9''
9'''

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
06	08	64	13.0	PA	0005	37	12.8	76	47.9	11		5	27	*	00	1.0		00.0	N	27.12	A	3.82	L	15	D	0.29	13.1		
06	08	64	13.0	PA	0005	37	12.8	76	47.9	11		5	27	*	00	1.0		04.0	N	26.04	A	4.38		*	U	0.24	13.0		
06	08	64	13.0	PA	0005	37	12.8	76	47.9	11		5	27	*	00	1.0		08.0	N	25.80	A	4.82		*	U	0.23	13.0		
06	08	64	13.0	PA	0005	37	12.8	76	47.9	11		5	27	*	00	1.0		10.0	N	25.80	A	5.25	F	13	U	0.19	13.0		
06	08	64	13.5	PA	0005	37	12.8	76	47.9	11		6		*	*			00.0			A	3.79	L	14	D	0.40	13.5		
06	08	64	13.5	PA	0005	37	12.8	76	47.9	11		6		*	*			04.0			A	4.50	L	14	U	0.39	13.6		
06	08	64	13.5	PA	0005	37	12.8	76	47.9	11		6		*	*			08.0			A	5.19		*	U	0.40	13.5		
06	08	64	13.5	PA	0005	37	12.8	76	47.9	11		6		*	*			10.0			A	5.38	F	13	U	0.32	13.5		
06	08	64	14.0	PA	0005	37	12.8	76	47.9	11		2	28	*7	00	1.0		00.0	N	27.68	A	3.88	L	14	D	0.47	14.0		
06	08	64	14.0	PA	0005	37	12.8	76	47.9	11		2	28	*7	00	1.0		04.0	N	26.32	A	4.08		*	U	0.50	14.0		
06	08	64	14.0	PA	0005	37	12.8	76	47.9	11		2	28	*7	00	1.0		08.0	N	26.16	A	4.30		*	U	0.50	14.0		
06	08	64	14.0	PA	0005	37	12.8	76	47.9	11		2	28	*7	00	1.0		10.0	N	26.12	A	4.55	F	13	U	0.45	14.0		
06	08	64	14.5	PA	0005	37	12.8	76	47.9	11		6		*	*			00.0			A	3.50	L	15	D	0.65	14.5		
06	08	64	14.5	PA	0005	37	12.8	76	47.9	11		6		*	*			04.0			A	4.55		*	U	0.50	14.5		
06	08	64	14.5	PA	0005	37	12.8	76	47.9	11		6		*	*			08.0			A	3.10		*	U	0.50	14.5		
06	08	64	14.5	PA	0005	37	12.8	76	47.9	11		6		*	*			10.0			A	4.71	F	14	U	0.40	14.5		
06	08	64	15.0	PA	0005	37	12.8	76	47.9	11		6	27	*9	02	0.6		00.0	N	26.76	A	3.63	L	14	D	0.62	15.0		
06	08	64	15.0	PA	0005	37	12.8	76	47.9	11		6	27	*9	02	0.6		04.0	N	26.16	A	4.07		*	U	0.63	15.0		
06	08	64	15.0	PA	0005	37	12.8	76	47.9	11		6	27	*9	02	0.6		08.0	N	25.76	A	4.39		*	U	0.50	15.0		
06	08	64	15.0	PA	0005	37	12.8	76	47.9	11		6	27	*9	02	0.6		10.0	N	25.72	A	4.48	F	13	U	0.40	15.0		
06	08	64	15.5	PA	0005	37	12.8	76	47.9	11		6		*	*			00.0			A	3.50	L	15	D	0.63	15.5		
06	08	64	15.5	PA	0005	37	12.8	76	47.9	11		6		*	*			04.0			A	3.79		*	U	0.60	15.5		
06	08	64	15.5	PA	0005	37	12.8	76	47.9	11		6		*	*			08.0			A	4.20		*	U	0.48	15.5		
06	08	64	15.5	PA	0005	37	12.8	76	47.9	11		6		*	*			10.0			A	4.38	F	14	U	0.45	15.5		
06	08	64	16.0	PA	0005	37	12.8	76	47.9	11		6	26	13	03	0.8		00.0	N	26.48	A	2.99	L	14	D	0.53	16.2		
06	08	64	16.0	PA	0005	37	12.8	76	47.9	11		6	26	13	03	0.8		04.0	N	26.08	A	3.57		*	U	0.55	16.3		
06	08	64	16.0	PA	0005	37	12.8	76	47.9	11		6	26	13	03	0.8		08.0	N	25.72	A	3.89		*	U	0.55	16.3		
06	08	64	16.0	PA	0005	37	12.8	76	47.9	11		6	26	13	03	0.8		10.0	N	25.68	A	4.10	F	14	U	0.40	16.3		
06	08	64	16.5	PA	0005	37	12.8	76	47.9	11		6		*	*			00.0			A	2.89	L	14	D	0.54	16.6		
06	08	64	16.5	PA	0005	37	12.8	76	47.9	11		6		*	*			04.0			A	3.52		*	U	0.55	16.6		
06	08	64	16.5	PA	0005	37	12.8	76	47.9	11		6		*	*			08.0			A	3.63		*	U	0.49	16.6		
06	08	64	16.5	PA	0005	37	12.8	76	47.9	11		6		*	*			10.0			A	3.83	F	14	U	0.38	16.6		
06	08	64	17.0	PA	0005	37	12.8	76	47.9	11		6	26	11	02	0.8		00.0	N	26.92	A	2.62	L	14	D	0.51	17.1		
06	08	64	17.0	PA	0005	37	12.8	76	47.9	11		6	26	11	02	0.8		04.0	N	26.60	A	2.91		*	U	0.55	17.1		
06	08	64	17.0	PA	0005	37	12.8	76	47.9	11		6	26	11	02	0.8		08.0	N	25.96	A	3.27		*	U	0.55	17.1		
06	08	64	17.0	PA	0005	37	12.8	76	47.9	11		6	26	11	02	0.8		10.0	N	25.88	A	3.35	F	13	U	0.48	17.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
06	08	64	17.5	PA	0005	37	12.8	76	47.9	11		7		*	*			00.0			A	2.61	L	14	D	0.48	17.5	
06	08	64	17.5	PA	0005	37	12.8	76	47.9	11		7		*	*			04.0			A	2.88		*	U	0.48	17.5	
06	08	64	17.5	PA	0005	37	12.8	76	47.9	11		7		*	*			08.0			A	3.11		*	U	0.48	17.5	
06	08	64	17.5	PA	0005	37	12.8	76	47.9	11		7		*	*			10.0			A	3.18	F	14	U	0.35	17.5	
06	08	64	18.0	PA	0005	37	12.8	76	47.9	11		7	25	12	03			00.0	N	26.76	A	2.40	L	11	D	0.16	18.2	
06	08	64	18.0	PA	0005	37	12.8	76	47.9	11		7	25	12	03			04.0	N	26.24	A	2.77		*	U	0.10	18.1	
06	08	64	18.0	PA	0005	37	12.8	76	47.9	11		7	25	12	03			08.0	N	26.20	A	2.88		*	U	0.13	18.1	
06	08	64	18.0	PA	0005	37	12.8	76	47.9	11		7	25	12	03			10.0	N	25.88	A	3.09	F	09	U	0.05	18.1	
06	08	64	18.5	PA	0005	37	12.8	76	47.9	11		1		*	*			00.0			A	2.55	L	31	D	0.19	18.6	
06	08	64	18.5	PA	0005	37	12.8	76	47.9	11		1		*	*			04.0			A	2.83		*	U	0.24	18.6	
06	08	64	18.5	PA	0005	37	12.8	76	47.9	11		1		*	*			08.0			A	2.85		*	U	0.11	18.6	
06	08	64	18.5	PA	0005	37	12.8	76	47.9	11		1		*	*			10.0			A	3.20	F	33	U	0.12	18.6	
06	08	64	19.5	PA	0005	37	12.8	76	47.9	11		2		*	*			00.0			A	2.50	L	31	D	0.44	19.6	
06	08	64	19.5	PA	0005	37	12.8	76	47.9	11		2		*	*			04.0			A	3.47		*	U	0.55	19.6	
06	08	64	19.5	PA	0005	37	12.8	76	47.9	11		2		*	*			08.0			A	3.27		*	U	0.55	19.6	
06	08	64	19.5	PA	0005	37	12.8	76	47.9	11		2		*	*			10.0			A	3.52	F	32	U	0.50	19.7	
06	08	64	20.0	PA	0005	37	12.8	76	47.9	11		2	25	*	00			00.0	N	26.16	A	2.70	L	29	D	0.66	20.1	
06	08	64	20.0	PA	0005	37	12.8	76	47.9	11		2	25	*	00			04.0	N	26.16	A	3.45		*	U	0.60	20.1	
06	08	64	20.0	PA	0005	37	12.8	76	47.9	11		2	25	*	00			08.0	N	26.00	A	3.51		*	U	0.55	20.1	
06	08	64	20.0	PA	0005	37	12.8	76	47.9	11		2	25	*	00			10.0	N	26.04	A	3.63	F	28	U	0.50	20.2	
06	08	64	20.5	PA	0005	37	12.8	76	47.9	11		3		*	*			00.0			A	3.00	L	30	D	0.80	20.6	
06	08	64	20.5	PA	0005	37	12.8	76	47.9	11		3		*	*			04.0			A	3.39		*	U	0.58	20.6	
06	08	64	20.5	PA	0005	37	12.8	76	47.9	11		3		*	*			08.0			A	5.90		*	U	0.60	20.6	
06	08	64	20.5	PA	0005	37	12.8	76	47.9	11		3		*	*			10.0			A	3.98	F	31	U	0.55	20.7	
06	08	64	21.0	PA	0005	37	12.8	76	47.9	11		3	24	*	00			00.0	N	26.20	A	3.32	L	29	D	0.74	21.1	
06	08	64	21.0	PA	0005	37	12.8	76	47.9	11		3	24	*	00			04.0	N	26.20	A	4.14		*	U	0.59	21.1	
06	08	64	21.0	PA	0005	37	12.8	76	47.9	11		3	24	*	00			08.0	N	26.00	A	4.92		*	U	0.62	21.1	
06	08	64	21.0	PA	0005	37	12.8	76	47.9	11		3	24	*	00			10.0	N	25.80	A	4.87	F	29	U	0.68	21.2	
06	08	64	21.5	PA	0005	37	12.8	76	47.9	11		2		*	*			00.0			A	3.66	L	29	D	0.74	21.6	
06	08	64	21.5	PA	0005	37	12.8	76	47.9	11		2		*	*			04.0			A	3.76		*	U	0.55	21.7	
06	08	64	21.5	PA	0005	37	12.8	76	47.9	11		2		*	*			08.0			A	4.68		*	U	0.60	21.7	
06	08	64	21.5	PA	0005	37	12.8	76	47.9	11		2		*	*			10.0			A	5.28	F	29	U	0.61	21.7	
06	08	64	22.0	PA	0005	37	12.8	76	47.9	11		2	24	*	00			00.0	N	26.00	A	3.85	L	30	D	0.50	22.3	
06	08	64	22.0	PA	0005	37	12.8	76	47.9	11		2	24	*	00			04.0	N	25.80	A	5.13		*	U	0.75	22.1	
06	08	64	22.0	PA	0005	37	12.8	76	47.9	11		2	24	*	00			08.0	N	25.80	A	5.18		*	U	0.60	22.1	
06	08	64	22.0	PA	0005	37	12.8	76	47.9	11		2	24	*	00			10.0	N	25.80	A	5.22	F	30	U	0.50	22.1	
06	08	64	22.5	PA	0005	37	12.8	76	47.9	11		2		*	*			00.0			A	4.17	L	30	D	0.69	22.6	
06	08	64	22.5	PA	0005	37	12.8	76	47.9	11		2		*	*			04.0			A	5.17		*	U	0.75	22.5	
06	08	64	22.5	PA	0005	37	12.8	76	47.9	11		2		*	*			08.0			A	5.29		*	U	0.72	22.5	
06	08	64	22.5	PA	0005	37	12.8	76	47.9	11		2		*	*			10.0			A	5.30	F	31	U	0.60	22.6	
06	08	64	23.0	PA	0005	37	12.8	76	47.9	11		2	24	*	00			00.0	N	26.00	A	4.18	L	30	D	0.61	23.1	
06	08	64	23.0	PA	0005	37	12.8	76	47.9	11		2	24	*	00			04.0	N	25.84	A	5.36		*	U	0.65	23.0	
06	08	64	23.0	PA	0005	37	12.8	76	47.9	11		2	24	*	00			08.0	N	25.84	A	5.42		*	U	0.65	23.0	
06	08	64	23.0	PA	0005	37	12.8	76	47.9	11		2	24	*	00			10.0	N	25.84	A	5.53	F	31	U	0.50	23.0	
06	08	64	23.5	PA	0005	37	12.8	76	47.9	11		2		*	*			00.0			A	4.16	L	31	D	0.51	23.7	
06	08	64	23.5	PA	0005	37	12.8	76	47.9	11		2		*	*			04.0			A	5.24		*	U	0.62	23.5	
06	08	64	23.5	PA	0005	37	12.8	76	47.9	11		2		*	*			08.0			A	5.65		*	U	0.55	23.5	
06	08	64	23.5	PA	0005	37	12.8	76	47.9	11		2		*	*			10.0			A	5.75	F	32	U	0.45	23.6	
07	08	64	00.0	PA	0005	37	12.8	76	47.9	11		2	23	*	00			00.0	N	24.00	A	4.24	L	31	D	0.32	00.1	
07	08	64	00.0	PA	0005	37	12.8	76	47.9	11		2	23	*	00			04.0	N	24.00	A	5.43		*	U	0.55	00.0	
07	08	64	00.0	PA	0005	37	12.8	76	47.9	11		2	23	*	00			08.0	N	24.00	A	5.80		*	U	0.48	00.0	
07	08	64	00.0	PA	0005	37	12.8	76	47.9	11		2	23	*	00			10.0	N	24.00	A	6.01	F	32	U	0.36	00.0	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
07	08	64	00.5	PA	0005	37	12.8	76	47.9	11		3		*	*			00.0			A	4.37	L	30	D	0.15	00.7		
07	08	64	00.5	PA	0005	37	12.8	76	47.9	11		3		*	*			04.0			A	5.63		*	U	0.40	00.5		
07	08	64	00.5	PA	0005	37	12.8	76	47.9	11		3		*	*			08.0			A	5.92		*	U	0.30	00.5		
07	08	64	00.5	PA	0005	37	12.8	76	47.9	11		3		*	*			10.0			A	5.93	F	31	U	0.25	00.5		
07	08	64	01.0	PA	0005	37	12.8	76	47.9	11		4	23	*	00			00.0	N	25.92	A	3.86	L	11	D	0.18	01.2		
07	08	64	01.0	PA	0005	37	12.8	76	47.9	11		4	23	*	00			10.0	N	25.92	A	5.87	F	28	U	0.15	01.2		
07	08	64	01.0	PA	0005	37	12.8	76	47.9	11		4	23	*	00			04.0	N	25.92	A	4.41		*	U	0.03	01.2		
07	08	64	01.0	PA	0005	37	12.8	76	47.9	11		4	23	*	00			08.0	N	25.92	A	5.80		*	U	0.15	01.2		
07	08	64	01.5	PA	0005	37	12.8	76	47.9	11		5		*	*			00.0			A	3.93	L	11	D	0.39	01.8		
07	08	64	01.5	PA	0005	37	12.8	76	47.9	11		5		*	*			04.0			A	4.42		*	U	0.16	01.7		
07	08	64	01.5	PA	0005	37	12.8	76	47.9	11		5		*	*			08.0			A	5.52		*	U	0.11	01.7		
07	08	64	01.5	PA	0005	37	12.8	76	47.9	11		5		*	*			10.0			A	5.78	F	12	U	0.17	01.7		
07	08	64	02.0	PA	0005	37	12.8	76	47.9	11		5	22	20	00			00.0			A	3.93	L	11	D	0.47	02.1		
07	08	64	02.0	PA	0005	37	12.8	76	47.9	11		5	22	20	00			04.0	N	25.92	A	4.52		*	U	0.32	02.1		
07	08	64	02.0	PA	0005	37	12.8	76	47.9	11		5	22	20	00			08.0	N	25.92	A	5.78		*	U	0.33	02.1		
07	08	64	02.0	PA	0005	37	12.8	76	47.9	11		5	22	20	00			10.0	N	26.04	A	5.81	F	15	U	0.22	02.1		
07	08	64	02.5	PA	0005	37	12.8	76	47.9	11		5		*	*			00.0			A	4.27	L	11	D	0.48	02.6		
07	08	64	02.5	PA	0005	37	12.8	76	47.9	11		5		*	*			04.0			A	4.24		*	U	0.55	02.5		
07	08	64	02.5	PA	0005	37	12.8	76	47.9	11		5		*	*			08.0			A	5.30		*	U	0.50	02.5		
07	08	64	02.5	PA	0005	37	12.8	76	47.9	11		5		*	*			10.0			A	5.61	F	14	U	0.46	02.5		
07	08	64	03.0	PA	0005	37	12.8	76	47.9	11		6	23	22	01			00.0	N	25.68	A	3.92	L	12	D	0.68	03.1		
07	08	64	03.0	PA	0005	37	12.8	76	47.9	11		6	23	22	01			04.0	N	25.68	A	4.18		*	U	0.60	03.1		
07	08	64	03.0	PA	0005	37	12.8	76	47.9	11		6	23	22	01			08.0	N	25.60	A	4.89		*	U	0.60	03.1		
07	08	64	03.0	PA	0005	37	12.8	76	47.9	11		6	23	22	01			10.0	N	25.64	A	5.32	F	16	U	0.55	03.1		
07	08	64	03.5	PA	0005	37	12.8	76	47.9	11		6		*	*			00.0			A	3.97	L	11	D	0.68	03.6		
07	08	64	03.5	PA	0005	37	12.8	76	47.9	11		6		*	*			04.0			A	5.02		*	U	0.75	03.5		
07	08	64	03.5	PA	0005	37	12.8	76	47.9	11		6		*	*			08.0			A	5.26		*	U	0.60	03.5		
07	08	64	03.5	PA	0005	37	12.8	76	47.9	11		6		*	*			10.0			A	5.29	F	15	U	0.55	03.5		
07	08	64	04.0	PA	0005	37	12.8	76	47.9	11		6	23	*	00			00.0	N	25.56	A	4.72	L	12	D	0.84	04.1		
07	08	64	04.0	PA	0005	37	12.8	76	47.9	11		6	23	*	00			04.0	N	25.68	A	5.07		*	U	0.60	04.2		
07	08	64	04.0	PA	0005	37	12.8	76	47.9	11		6	23	*	00			08.0	N	25.64	A	5.16		*	U	0.55	04.2		
07	08	64	04.0	PA	0005	37	12.8	76	47.9	11		6	23	*	00			10.0	N	25.76	A	5.03	F	12	U	0.50	04.2		
07	08	64	04.5	PA	0005	37	12.8	76	47.9	11		6		*	*			00.0			A	4.17	L	12	D	0.87	04.5		
07	08	64	04.5	PA	0005	37	12.8	76	47.9	11		6		*	*			04.0			A	4.85		*	U	0.60	04.6		
07	08	64	04.5	PA	0005	37	12.8	76	47.9	11		6		*	*			08.0			A	4.82		*	U	0.55	04.7		
07	08	64	04.5	PA	0005	37	12.8	76	47.9	11		6		*	*			10.0			A	4.84	F	13	U	0.52	04.7		
07	08	64	05.0	PA	0005	37	12.8	76	47.9	11		6	23	21	02			00.0	N	25.80	A	3.94	L	12	D	0.68	05.1		
07	08	64	05.0	PA	0005	37	12.8	76	47.9	11		6	23	21	02			04.0	N	25.80	A	4.40		*	U	0.60	05.1		
07	08	64	05.0	PA	0005	37	12.8	76	47.9	11		6	23	21	02			08.0	N	25.80	A	4.48		*	U	0.55	05.1		
07	08	64	05.0	PA	0005	37	12.8	76	47.9	11		6	23	21	02			10.0	N	25.60	A	4.46	F	12	U	0.50	05.2		
07	08	64	05.5	PA	0005	37	12.8	76	47.9	11		6		*	*			00.0			A	3.80	L	12	D	0.73	05.6		
07	08	64	05.5	PA	0005	37	12.8	76	47.9	11		6		*	*			04.0			A	4.01		*	U	0.60	05.6		
07	08	64	05.5	PA	0005	37	12.8	76	47.9	11		6		*	*			08.0			A	4.97		*	U	0.55	05.6		
07	08	64	05.5	PA	0005	37	12.8	76	47.9	11		6		*	*			10.0			A	4.25	F	12	U	0.55	05.7		
07	08	64	06.0	PA	0005	37	12.8	76	47.9	11		6	23	21	03	0.6		00.0	N	25.68	A	2.49	L	11	D	0.69	06.1		
07	08	64	06.0	PA	0005	37	12.8	76	47.9	11		6	23	21	03	0.6		04.0	N	25.80	A	4.06		*	U	0.57	06.1		
07	08	64	06.0	PA	0005	37	12.8	76	47.9	11		6	23	21	03	0.6		08.0	N	25.80	A	4.06		*	U	0.51	06.1		
07	08	64	06.0	PA	0005	37	12.8	76	47.9	11		6	23	21	03	0.6		10.0	N	25.80	A	4.24	F	11	U	0.50	06.2		
07	08	64	06.5	PA	0005	37	12.8	76	47.9	11		6		*	*			00.0			A	2.46	L	12	D	0.53	06.6		
07	08	64	06.5	PA	0005	37	12.8	76	47.9	11		6		*	*			04.0			A	3.76		*	U	0.51	06.6		
07	08	64	06.5	PA	0005	37	12.8	76	47.9	11		6		*	*			08.0			A	3.68		*	U	0.51	06.6		
07	08	64	06.5	PA	0005	37	12.8	76	47.9	11		6		*	*			10.0			A	4.20	F	12	U	0.30	06.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
07	08	64	07.0	PA	0005	37	12.8	76	47.9	11		7	23	23	03	0.6		00.0	N	25.76	A	3.07	L	13	D	0.46	07.0		
07	08	64	07.0	PA	0005	37	12.8	76	47.9	11		7	23	23	03	0.6		04.0	N	25.76	A	3.14		*	U	0.40	07.1		
07	08	64	07.0	PA	0005	37	12.8	76	47.9	11		7	23	23	03	0.6		08.0	N	25.76	A	3.14		*	U	0.38	07.1		
07	08	64	07.0	PA	0005	37	12.8	76	47.9	11		7	23	23	03	0.6		10.0	N	25.76	A	3.29	F	13	U	0.23	07.1		
07	08	64	07.5	PA	0005	37	12.8	76	47.9	10		7		*	*			00.0			A	2.89	L	13	D	0.30	07.5		
07	08	64	07.5	PA	0005	37	12.8	76	47.9	10		7		*	*			04.0			A	2.95		*	U	0.10	07.6		
07	08	64	07.5	PA	0005	37	12.8	76	47.9	10		7		*	*			08.0			A	3.06		*	U	0.05	07.6		
07	08	64	07.5	PA	0005	37	12.8	76	47.9	10		7		*	*			10.0			A	3.11	F	13	U	0.10	07.6		
07	08	64	08.0	PA	0005	37	12.8	76	47.9	10		8	24	*	00	0.8		00.0			A	3.87	L	23	D	0.00	08.0		
07	08	64	08.0	PA	0005	37	12.8	76	47.9	10		8	24	*	00	0.8		04.0			A	3.06		*	U	0.38	08.0		
07	08	64	08.0	PA	0005	37	12.8	76	47.9	10		8	24	*	00	0.8		08.0			A	3.53		*	U	0.23	08.0		
07	08	64	08.0	PA	0005	37	12.8	76	47.9	10		8	24	*	00	0.8		10.0			A	3.63	F	31	U	0.25	08.0		
06	08	64	16.0	HO	0005	36	57.4	76	25.1	20		*		*	*			00.0			R	20.53		*		*	*		
06	08	64	16.0	HO	0005	36	57.4	76	25.1	20		*		*	*			04.0			R	21.82		*	V	0.35	*		
06	08	64	16.0	HO	0005	36	57.4	76	25.1	20		*		*	*			08.0			R	21.92		*	V	0.50	*		
06	08	64	16.0	HO	0005	36	57.4	76	25.1	20		*		*	*			10.0			R	21.95	F	21		*	*		
06	08	64	16.0	HO	0005	36	57.4	76	25.1	20		*		*	*			12.0			R	21.97		*	V	0.40	*		
06	08	64	16.0	HO	0005	36	57.4	76	25.1	20		*		*	*			14.0			R	22.03		*	V	0.40	*		
06	08	64	16.0	HO	0005	36	57.4	76	25.1	20		*		*	*			18.0			R	22.25		*		*	*		
06	08	64	16.0	HO	0005	36	57.4	76	25.1	20		*		*	*			20.0			R	22.47	F	20	V	0.35	16.2		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			00.0			R	22.51	D	31	D	0.60	17.1		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			01.6			R	22.56		*		*	*		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			03.1			R	22.53		*		*	*		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			03.9			R	22.46		*		*	*		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			04.0						*	V	0.75	17.1		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			04.7			R	22.40		*		*	*		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			05.5			R	22.42		*		*	*		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			07.0			R	22.28		*		*	*		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			08.0						*	V	0.90	17.1		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			10.0						*	V	0.85	17.0		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			12.0						*	V	0.75	17.0		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			14.0						*	V	0.80	17.0		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			18.0						*	V	0.70	17.0		
06	08	64	17.0	HO	0005	36	57.4	76	25.1	20		1		*	*			20.0						*	V	0.55	17.0		
06	08	64	16.0	LA	0005	37	09.4	76	38.0	10		6		*	*			00.0	C	26.38	C	7.93		*	Q	0.80	16.4		
06	08	64	16.0	LA	0005	37	09.4	76	38.0	10		6		*	*			02.0	C	26.04	C	8.66		*	Q	0.50	16.4		
06	08	64	16.0	LA	0005	37	09.4	76	38.0	10		6		*	*			04.0	C	26.12	C	9.15		*	Q	0.50	16.4		
06	08	64	16.0	LA	0005	37	09.4	76	38.0	10		6		*	*			06.0	C	25.94	C	9.48		*	Q	0.50	16.4		
06	08	64	16.0	LA	0005	37	09.4	76	38.0	10		6		*	*			08.0	C	25.78	C	10.12		*	Q	0.40	16.4		
06	08	64	16.0	LA	0005	37	09.4	76	38.0	10		6		*	*			10.0	C	25.74	C	10.62		*	Q	0.26	16.4		
06	08	64	16.5	LA	0005	37	09.4	76	38.0	10		7		*	*			00.0	C	26.46	C	7.81	L	21	Q	0.39	16.7		
06	08	64	16.5	LA	0005	37	09.4	76	38.0	10		7		*	*			02.0	C	26.04	C	8.53		*	Q	0.50	16.7		
06	08	64	16.5	LA	0005	37	09.4	76	38.0	10		7		*	*			04.0	C	25.95	C	8.98		*		*	16.7		
06	08	64	16.5	LA	0005	37	09.4	76	38.0	10		7		*	*			06.0	C	25.84	C	9.38		*	Q	0.36	16.7		
06	08	64	16.5	LA	0005	37	09.4	76	38.0	10		7		*	*			08.0	C	25.78	C	9.83		*	Q	0.22	16.7		
06	08	64	16.5	LA	0005	37	09.4	76	38.0	10		7		*	*			10.0	C	25.78	C	10.30		*	Q	0.24	16.7		
06	08	64	17.0	LA	0005	37	09.4	76	38.0	10		7	28	*4	04	1.7		00.0	C	26.18	C	7.98	D	20	Q	0.47	17.1		
06	08	64	17.0	LA	0005	37	09.4	76	38.0	10		7	28	*4	04	1.7		02.0	C	26.08	C	8.23		*	Q	0.36	17.1		
06	08	64	17.0	LA	0005	37	09.4	76	38.0	10		7	28	*4	04	1.7		04.0	C	25.96	C	8.54		*	Q	0.27	17.1		
06	08	64	17.0	LA	0005	37	09.4	76	38.0	10		7	28	*4	04	1.7		06.0	C	25.96	C	8.88		*	Q	0.23	17.1		
06	08	64	17.0	LA	0005	37	09.4	76	38.0	10		7	28	*4	04	1.7		08.0	C	25.80	C	9.87		*	Q	0.06	17.1		
06	08	64	17.0	LA	0005	37	09.4	76	38.0	10		7	28	*4	04	1.7		10.0	C	25.82	C	10.04		*	Q	0.05	17.1		
06	08	64	17.5	LA	0005	37	09.4	76	38.0	10		8		*	*			00.0	C	26.07	C	7.80	D	25	Q	0.26	17.7		
06	08	64	17.5	LA	0005	37	09.4	76	38.0	10		8		*	*			02.0	C	25.97	C	8.38		*	Q	0.08	17.7		
06	08	64	17.5	LA	0005	37	09.4	76	38.0	10		8		*	*			04.0	C	25.97	C	8.57		*	Q	0.02	17.7		
06	08	64	17.5	LA	0005	37	09.4	76	38.0	10		8		*	*			06.0	C	25.95	C	9.03		*	Q	0.15	17.7		
06	08	64	17.5	LA	0005	37	09.4	76	38.0	10		8		*	*			08.0	C	25.89	C	9.42		*	Q	0.15	17.7		
06	08	64	17.5	LA	0005	37	09.4	76	38.0	10		8		*	*			10.0	C	25.86	C	9.72		*	Q	0.11	17.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
06	08	64	18.0	LA	0005	37	09.4	76	38.0	10	8		*	*		00.0	C	26.00	C	7.88		*	Q	0.10	18.2
06	08	64	18.0	LA	0005	37	09.4	76	38.0	10	8	27	*6	03	1.7	02.0	C	26.04	C	8.10		*	Q	0.02	18.2
06	08	64	18.0	LA	0005	37	09.4	76	38.0	10	8	27	*6	03	1.7	04.0	C	25.85	C	9.62		*	Q	0.20	18.2
06	08	64	18.0	LA	0005	37	09.4	76	38.0	10	8	27	*6	03	1.7	06.0	C	25.75	C	10.36		*	Q	0.38	18.2
06	08	64	18.0	LA	0005	37	09.4	76	38.0	10	8	27	*6	03	1.7	08.0	C	25.72	C	10.68		*	Q	0.38	18.2
06	08	64	18.0	LA	0005	37	09.4	76	38.0	10	8	27	*6	03	1.7	10.0	C	25.70	C	10.89		*	Q	0.40	18.2
06	08	64	18.5	LA	0005	37	09.4	76	38.0	10	1		*	*		00.0	C	26.22	C	8.27	D	36	Q	0.23	18.8
06	08	64	18.5	LA	0005	37	09.4	76	38.0	10	1		*	*		02.0	C	26.49	C	8.50		*	Q	0.40	18.8
06	08	64	18.5	LA	0005	37	09.4	76	38.0	10	1		*	*		04.0	C	26.72	C	9.46		*	Q	0.50	18.8
06	08	64	18.5	LA	0005	37	09.4	76	38.0	10	1		*	*		06.0	C	26.06	C	10.31		*	Q	0.40	18.8
06	08	64	18.5	LA	0005	37	09.4	76	38.0	10	1		*	*		08.0	C	25.78	C	10.87		*	Q	0.40	18.8
06	08	64	18.5	LA	0005	37	09.4	76	38.0	10	1		*	*		10.0	C	25.74	C	10.91		*	Q	0.36	18.9
06	08	64	19.0	LA	0005	37	09.4	76	38.0	10	2	25	*8	02		00.0	C	26.34	C	9.13	D	36	Q	0.45	19.3
06	08	64	19.0	LA	0005	37	09.4	76	38.0	10	2	25	*8	02		02.0	C	26.10	C	9.55		*	Q	0.45	19.3
06	08	64	19.0	LA	0005	37	09.4	76	38.0	10	2	25	*8	02		04.0	C	26.23	C	9.92		*	Q	0.50	19.3
06	08	64	19.0	LA	0005	37	09.4	76	38.0	10	2	25	*8	02		06.0	C	25.96	C	10.47		*	Q	0.45	19.3
06	08	64	19.0	LA	0005	37	09.4	76	38.0	10	2	25	*8	02		08.0	C	25.85	C	10.69	F	31	Q	0.40	19.3
06	08	64	19.0	LA	0005	37	09.4	76	38.0	10	2	25	*8	02		10.0	C	25.81	C	10.80		*	Q	0.32	19.3
06	08	64	19.5	LA	0005	37	09.4	76	38.0	10	2		*	*		00.0	C	26.19	C	9.00	D	36	Q	0.50	19.7
06	08	64	19.5	LA	0005	37	09.4	76	38.0	10	2		*	*		02.0	C	26.24		9.52		*	Q	0.50	19.7
06	08	64	19.5	LA	0005	37	09.4	76	38.0	10	2		*	*		04.0	C	26.22	C	10.14		*	Q	0.50	19.8
06	08	64	19.5	LA	0005	37	09.4	76	38.0	10	2		*	*		06.0	C	26.13	C	10.40		*	Q	0.50	19.8
06	08	64	19.5	LA	0005	37	09.4	76	38.0	10	2		*	*		08.0	C	26.06	C	10.61	F	04	Q	0.50	19.8
06	08	64	19.5	LA	0005	37	09.4	76	38.0	10	2		*	*		10.0	C	26.03	C	10.68		*		*	*
06	08	64	20.0	LA	0005	37	09.4	76	38.0	10	2	24	*7	04		00.0	C	26.12	C	9.81	D	03	Q	0.45	20.2
06	08	64	20.0	LA	0005	37	09.4	76	38.0	10	2	24	*7	04		02.0	C	26.10	C	10.34		*	Q	0.50	20.2
06	08	64	20.0	LA	0005	37	09.4	76	38.0	10	2	24	*7	04		04.0	C	26.09	C	10.54		*	Q	0.51	20.2
06	08	64	20.0	LA	0005	37	09.4	76	38.0	10	2	24	*7	04		06.0	C	26.06	C	10.76		*	Q	0.52	20.2
06	08	64	20.0	LA	0005	37	09.4	76	38.0	10	2	24	*7	04		08.0	C	26.06	C	10.78	F	34	Q	0.52	20.2
06	08	64	20.0	LA	0005	37	09.4	76	38.0	10	2	24	*7	04		10.0	C	26.08	C	10.66		*	Q	0.52	20.2
06	08	64	21.5	LA	0005	37	09.4	76	38.0	10	2		*	*		00.0	C	25.97	C	11.03	D	10	Q	0.50	21.7
06	08	64	21.5	LA	0005	37	09.4	76	38.0	10	2		*	*		02.0	C	25.97	C	11.13		*	Q	0.50	21.7
06	08	64	21.5	LA	0005	37	09.4	76	38.0	10	2		*	*		04.0	C	25.97	C	11.16		*	Q	0.55	21.7
06	08	64	21.5	LA	0005	37	09.4	76	38.0	10	2		*	*		06.0	C	25.98	C	11.19		*	Q	0.50	21.7
06	08	64	21.5	LA	0005	37	09.4	76	38.0	10	2		*	*		08.0	C	25.96	C	11.20	F	32	Q	0.50	21.7
06	08	64	21.5	LA	0005	37	09.4	76	38.0	10	2		*	*		10.0	C	25.95	C	11.21		*	Q	0.42	21.7
06	08	64	22.0	LA	0005	37	09.4	76	38.0	10	3	29	*2	09		00.0	C	25.93	C	11.31	D	01	Q	0.50	22.1
06	08	64	22.0	LA	0005	37	09.4	76	38.0	10	3	29	*2	09		02.0	C	25.95	C	11.40		*	Q	0.50	22.1
06	08	64	22.0	LA	0005	37	09.4	76	38.0	10	3	29	*2	09		04.0	C	25.92	C	11.43		*	Q	0.40	22.1
06	08	64	22.0	LA	0005	37	09.4	76	38.0	10	3	29	*2	09		06.0	C	25.92	C	11.43		*	Q	0.42	22.1
06	08	64	22.0	LA	0005	37	09.4	76	38.0	10	3	29	*2	09		08.0	C	25.91	C	11.47	F	08	Q	0.36	22.1
06	08	64	22.0	LA	0005	37	09.4	76	38.0	10	3	29	*2	09		10.0	C	25.91	C	11.46		*	Q	0.37	22.1
06	08	64	22.5	LA	0005	37	09.4	76	38.0	10	3		*	*		00.0	C	25.90	C	11.54	D	01	Q	0.32	22.6
06	08	64	22.5	LA	0005	37	09.4	76	38.0	10	3		*	*		02.0	C	25.90	C	11.59		*	Q	0.34	22.6
06	08	64	22.5	LA	0005	37	09.4	76	38.0	10	3		*	*		04.0	C	25.90	C	11.67		*	Q	0.38	22.6
06	08	64	22.5	LA	0005	37	09.4	76	38.0	10	3		*	*		06.0	C	25.90	C	11.76		*	Q	0.42	22.6
06	08	64	22.5	LA	0005	37	09.4	76	38.0	10	3		*	*		08.0	C	25.88	C	11.84	F	06	Q	0.44	22.6
06	08	64	22.5	LA	0005	37	09.4	76	38.0	10	3		*	*		10.0	C	25.85	C	12.03		*	Q	0.42	22.6
06	08	64	23.0	LA	0005	37	09.4	76	38.0	10	*		*	*		00.0	C	25.85	C	11.81	D	01	Q	0.27	23.1
06	08	64	23.0	LA	0005	37	09.4	76	38.0	10	*	24	*	*		02.0	C	25.88	C	11.90		*	Q	0.28	23.1
06	08	64	23.0	LA	0005	37	09.4	76	38.0	10	*	24	*	*		04.0	C	25.87	C	11.98		*	Q	0.28	23.1
06	08	64	23.0	LA	0005	37	09.4	76	38.0	10	*	24	*	*		06.0	C	25.86	C	12.06		*	Q	0.32	23.1
06	08	64	23.0	LA	0005	37	09.4	76	38.0	10	*	24	*	*		08.0	C	25.86	C	12.27	F	06	Q	0.28	23.1
06	08	64	23.0	LA	0005	37	09.4	76	38.0	10	*	24	*	*		10.0	C	25.83	C	12.40		*	Q	0.28	23.1
06	08	64	23.5	LA	0005	37	09.4	76	38.0	10	3		*	*		00.0	C	25.82	C	11.77	D	33	Q	0.13	23.6
06	08	64	23.5	LA	0005	37	09.4	76	38.0	10	3		*	*		02.0	C	25.86	C	12.12		*	Q	0.14	23.6
06	08	64	23.5	LA	0005	37	09.4	76	38.0	10	3		*	*		04.0	C	25.85	C	12.40		*	Q	0.24	23.6
06	08	64	23.5	LA	0005	37	09.4	76	38.0	10	3		*	*		06.0	C	25.82	C	12.60		*	Q	0.24	23.6
06	08	64	23.5	LA	0005	37	09.4	76	38.0	10	3		*	*		08.0	C	25.81	C	12.66	F	07	Q	0.19	23.6
06	08	64	23.5	LA	0005	37	09.4	76	38.0	10	3		*	*		10.0	C	25.81	C	12.66		*	Q	0.18	23.6

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
07	08	64	00.0	LA	0005	37	09.4	76	38.0	10		5	24	21	00			00.0	C	26.08	C	10.89	D	08	Q	0.29	00.2		
07	08	64	00.0	LA	0005	37	09.4	76	38.0	10		5	24	21	00			02.0	C	25.89	C	11.70		*	Q	0.07	00.2		
07	08	64	00.0	LA	0005	37	09.4	76	38.0	10		5	24	21	00			04.0	C	25.81	C	12.85		*	Q	0.10	00.2		
07	08	64	00.0	LA	0005	37	09.4	76	38.0	10		5	24	21	00			06.0	C	25.80	C	12.86		*	Q	0.06	00.2		
07	08	64	00.0	LA	0005	37	09.4	76	38.0	10		5	24	21	00			08.0	C	25.79	C	12.88	F	21	Q	0.05	00.2		
07	08	64	00.0	LA	0005	37	09.4	76	38.0	10		5	24	21	00			10.0	C	25.78	C	12.89		*	Q	0.04	00.2		
07	08	64	00.5	LA	0005	37	09.4	76	38.0	10		5		*	*			00.0	C	25.94	C	9.90	D	21	Q	0.38	00.8		
07	08	64	00.5	LA	0005	37	09.4	76	38.0	10		5		*	*			02.0	C	25.94	C	11.48		*	Q	0.14	00.8		
07	08	64	00.5	LA	0005	37	09.4	76	38.0	10		5		*	*			04.0	C	25.86	C	12.32		*	Q	0.10	00.9		
07	08	64	00.5	LA	0005	37	09.4	76	38.0	10		5		*	*			06.0	C	25.84	C	12.53		*	Q	0.07	00.9		
07	08	64	00.5	LA	0005	37	09.4	76	38.0	10		5		*	*			08.0	C	25.82	C	12.74	F	23	Q	0.13	00.9		
07	08	64	00.5	LA	0005	37	09.4	76	38.0	10		5		*	*			10.0	C	25.78	C	12.89		*	Q	0.16	00.9		
07	08	64	01.0	LA	0005	37	09.4	76	38.0	10		5	23	19	00			00.0	C	21.78	C	11.38	D	20	Q	0.42	01.1		
07	08	64	01.0	LA	0005	37	09.4	76	38.0	10		5	23	19	00			02.0	C	25.89	C	11.75		*	Q	0.24	01.1		
07	08	64	01.0	LA	0005	37	09.4	76	38.0	10		5	23	19	00			04.0	C	25.87	C	12.03		*	Q	0.22	01.2		
07	08	64	01.0	LA	0005	37	09.4	76	38.0	10		5	23	19	00			06.0	C	25.82	C	12.74		*	Q	0.17	01.2		
07	08	64	01.0	LA	0005	37	09.4	76	38.0	10		5	23	19	00			08.0	C	25.80	C	12.78	F	18	Q	0.22	01.2		
07	08	64	01.0	LA	0005	37	09.4	76	38.0	10		5	23	19	00			10.0	C	25.79	C	12.83		*	Q	0.19	*		
07	08	64	01.5	LA	0005	37	09.4	76	38.0	10		5		*	*			00.0	C	25.96	C	10.72	D	22	Q	0.48	01.5		
07	08	64	01.5	LA	0005	37	09.4	76	38.0	10		5		*	*			02.0	C	25.86	C	11.93		*	Q	0.37	01.5		
07	08	64	01.5	LA	0005	37	09.4	76	38.0	10		5		*	*			04.0	C	25.86	C	12.18		*	Q	0.35	01.6		
07	08	64	01.5	LA	0005	37	09.4	76	38.0	10		5		*	*			06.0	C	25.84	C	12.53		*	Q	0.28	01.6		
07	08	64	01.5	LA	0005	37	09.4	76	38.0	10		5		*	*			08.0	C	25.80	C	12.67	F	33	Q	0.35	01.7		
07	08	64	01.5	LA	0005	37	09.4	76	38.0	10		5		*	*			10.0	C	25.80	C	12.71		*	Q	0.32	*		
07	08	64	02.0	LA	0005	37	09.4	76	38.0	10		5		22	00			00.0	C	25.66	C	9.48	D	22	Q	0.40	02.0		
07	08	64	02.0	LA	0005	37	09.4	76	38.0	10		5		22	00			02.0	C	25.92	C	11.30		*	Q	0.50	02.0		
07	08	64	02.0	LA	0005	37	09.4	76	38.0	10		5		22	00			04.0	C	25.88	C	11.73		*	Q	0.45	02.1		
07	08	64	02.0	LA	0005	37	09.4	76	38.0	10		5		22	00			06.0	C	25.88	C	11.76		*	Q	0.45	02.1		
07	08	64	02.0	LA	0005	37	09.4	76	38.0	10		5		22	00			08.0	C	25.82	C	12.10	F	29	Q	0.50	02.1		
07	08	64	02.0	LA	0005	37	09.4	76	38.0	10		5		22	00			10.0	C	25.82	C	12.45		*	Q	0.45	*		
07	08	64	02.5	LA	0005	37	09.4	76	38.0	10		6		*	*			00.0	C	25.48	C	9.63	D	21	Q	0.51	02.5		
07	08	64	02.5	LA	0005	37	09.4	76	38.0	10		6		*	*			02.0	C	25.86	C	10.89		*	Q	0.60	02.6		
07	08	64	02.5	LA	0005	37	09.4	76	38.0	10		6		*	*			04.0	C	25.88	C	11.33		*	Q	0.50	02.6		
07	08	64	02.5	LA	0005	37	09.4	76	38.0	10		6		*	*			06.0	C	25.86	C	11.57		*	Q	0.49	02.6		
07	08	64	02.5	LA	0005	37	09.4	76	38.0	10		6		*	*			08.0	C	25.86	C	11.84	F	29	Q	0.45	02.7		
07	08	64	02.5	LA	0005	37	09.4	76	38.0	10		6		*	*			10.0	C	25.84	C	12.01		*	Q	0.47	*		
07	08	64	03.0	LA	0005	37	09.4	76	38.0	10		6	23	17	02			00.0	C	25.60	C	9.22	D	19	Q	0.55	03.0		
07	08	64	03.0	LA	0005	37	09.4	76	38.0	10		6	23	17	02			02.0	C	25.94	C	10.92		*	Q	0.44	03.0		
07	08	64	03.0	LA	0005	37	09.4	76	38.0	10		6	23	17	02			04.0	C	25.88	C	11.19		*	Q	0.35	03.1		
07	08	64	03.0	LA	0005	37	09.4	76	38.0	10		6	23	17	02			06.0	C	25.86	C	11.65		*	Q	0.50	03.1		
07	08	64	03.0	LA	0005	37	09.4	76	38.0	10		6	23	17	02			08.0	C	25.86	C	11.74	F	17	Q	0.50	03.1		
07	08	64	03.0	LA	0005	37	09.4	76	38.0	10		6	23	17	02			10.0	C	25.86	C	11.80		*	Q	0.45	03.1		
07	08	64	03.5	LA	0005	37	09.4	76	38.0	10		6		*	*			00.0	C	25.62	C	9.26	D	20	Q	0.43	*		
07	08	64	03.5	LA	0005	37	09.4	76	38.0	10		6		*	*			02.0	C	25.86	C	10.75		*	Q	0.42	*		
07	08	64	03.5	LA	0005	37	09.4	76	38.0	10		6		*	*			04.0	C	25.92	C	11.15		*	Q	0.44	*		
07	08	64	03.5	LA	0005	37	09.4	76	38.0	10		6		*	*			06.0	C	25.92	C	11.25		*	Q	0.60	*		
07	08	64	03.5	LA	0005	37	09.4	76	38.0	10		6		*	*			08.0	C	25.90	C	11.32	F	23	Q	0.50	*		
07	08	64	03.5	LA	0005	37	09.4	76	38.0	10		6		*	*			10.0	C	25.90	C	11.35		*	Q	0.49	*		
07	08	64	04.0	LA	0005	37	09.4	76	38.0	10		6	22	26	03			00.0	C	25.38	C	8.68	D	19	Q	0.85	04.0		
07	08	64	04.0	LA	0005	37	09.4	76	38.0	10		6	22	26	03			02.0	C	25.72	C	9.56		*	Q	0.68	04.0		
07	08	64	04.0	LA	0005	37	09.4	76	38.0	10		6	22	26	03			04.0	C	25.52	C	10.87		*	Q	0.62	04.1		
07	08	64	04.0	LA	0005	37	09.4	76	38.0	10		6	22	26	03			06.0	C	25.94	C	10.93		*	Q	0.58	04.1		
07	08	64	04.0	LA	0005	37	09.4	76	38.0	10		6	22	26	03			08.0	C	25.96	C	10.99	F	17	Q	0.40	04.1		
07	08	64	04.0	LA	0005	37	09.4	76	38.0	10		6	22	26	03			10.0	C	25.94	C	11.04		*	Q	0.45	04.1		
07	08	64	04.5	LA	0005	37	09.4	76	38.0	10		7		*	*			00.0	C	25.68	C	9.35	D	20	Q	0.35	04.5		
07	08	64	04.5	LA	0005	37	09.4	76	38.0	10		7		*	*			02.0	C	25.78	C	9.64		*	Q	0.35	04.5		
07	08	64	04.5	LA	0005	37	09.4	76	38.0	10		7		*	*			04.0	C	25.96	C	10.43		*	Q	0.26	04.5		
07	08	64	04.5	LA	0005	37	09.4	76	38.0	10		7		*	*			06.0	C	25.98	C	10.58		*	Q	0.50	04.6		
07	08	64	04.5	LA	0005	37	09.4	76	38.0	10		7		*	*			08.0	C	25.98	C	10.67	F	20	Q	0.50	04.6		
07	08	64	04.5	LA	0005	37	09.4	76	38.0	10		7		*	*			10.0	C	25.98	C	10.71		*	Q	0.50	04.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
07	08	64	05.0	LA	0005	37	09.4	76	38.0	10		7	23	25	03			00.0	C	25.64	C	8.84	D	20	Q	0.83	05.0		
07	08	64	05.0	LA	0005	37	09.4	76	38.0	10		7	23	25	03			02.0	C	25.80	C	9.39		*	Q	0.75	05.0		
07	08	64	05.0	LA	0005	37	09.4	76	38.0	10		7	23	25	03			04.0	C	25.86	C	9.72		*	Q	0.65	05.1		
07	08	64	05.0	LA	0005	37	09.4	76	38.0	10		7	23	25	03			06.0	C	25.92	C	9.94		*	Q	0.62	05.1		
07	08	64	05.0	LA	0005	37	09.4	76	38.0	10		7	23	25	03			08.0	C	25.96	C	10.18	F	17	Q	0.55	05.1		
07	08	64	05.0	LA	0005	37	09.4	76	38.0	10		7	23	25	03			10.0	C	25.98	C	10.45		*	Q	0.45	05.1		
07	08	64	05.5	LA	0005	37	09.4	76	38.0	10		7		*	*			00.0	C	25.64	C	8.67	D	20	Q	0.65	05.5		
07	08	64	05.5	LA	0005	37	09.4	76	38.0	10		7		*	*			02.0	C	25.82	C	8.95		*	Q	0.60	05.5		
07	08	64	05.5	LA	0005	37	09.4	76	38.0	10		7		*	*			04.0	C	25.82	C	9.23		*	Q	0.55	05.5		
07	08	64	05.5	LA	0005	37	09.4	76	38.0	10		7		*	*			06.0	C	25.84	C	9.50		*	Q	0.50	05.5		
07	08	64	05.5	LA	0005	37	09.4	76	38.0	10		7		*	*			08.0	C	25.90	C	9.73	F	14	Q	0.40	05.6		
07	08	64	05.5	LA	0005	37	09.4	76	38.0	10		7		*	*			10.0	C	25.94	C	9.97		*	Q	0.35	05.6		
07	08	64	06.0	LA	0005	37	09.4	76	38.0	10		7	22	24	05			00.0	C	25.70	C	8.72	D	19	Q	0.50	06.0		
07	08	64	06.0	LA	0005	37	09.4	76	38.0	10		7	22	24	05			02.0	C	25.80	C	8.84		*	Q	0.45	06.0		
07	08	64	06.0	LA	0005	37	09.4	76	38.0	10		7	22	24	05			04.0	C	25.82	C	8.97		*	Q	0.42	06.0		
07	08	64	06.0	LA	0005	37	09.4	76	38.0	10		7	22	24	05			06.0	C	25.86	C	9.31		*	Q	0.40	06.1		
07	08	64	06.0	LA	0005	37	09.4	76	38.0	10		7	22	24	05			08.0	C	25.88	C	9.56	F	18	Q	0.32	06.1		
07	08	64	06.0	LA	0005	37	09.4	76	38.0	10		7	22	24	05			10.0	C	25.90	C	9.71		*	Q	0.25	06.1		
07	08	64	06.5	LA	0005	37	09.4	76	38.0	10		7		*	*			00.0	C	25.72	C	8.77	D	21	Q	0.37	06.5		
07	08	64	06.5	LA	0005	37	09.4	76	38.0	10		7		*	*			02.0	C	25.80	C	8.76		*	Q	0.34	06.5		
07	08	64	06.5	LA	0005	37	09.4	76	38.0	10		7		*	*			04.0	C	25.89	C	9.15		*	Q	0.17	06.5		
07	08	64	06.5	LA	0005	37	09.4	76	38.0	10		7		*	*			06.0	C	25.88	C	9.31		*	Q	0.17	06.5		
07	08	64	06.5	LA	0005	37	09.4	76	38.0	10		7		*	*			08.0	C	25.88	C	9.50	F	24	Q	0.14	06.6		
07	08	64	06.5	LA	0005	37	09.4	76	38.0	10		7		*	*			10.0	C	29.90	C	8.82		*	Q	0.14	06.6		
07	08	64	07.0	LA	0005	37	09.4	76	38.0	10		8	23	26	03	1.0		00.0	C	25.60	C	8.54	D	00	Q	0.18	07.0		
07	08	64	07.0	LA	0005	37	09.4	76	38.0	10		8	23	26	03	1.0		02.0	C	25.60	C	8.55		*	Q	0.12	07.0		
07	08	64	07.0	LA	0005	37	09.4	76	38.0	10		8	23	26	03	1.0		04.0	C	25.64	C	8.57		*	Q	0.01	07.0		
07	08	64	07.0	LA	0005	37	09.4	76	38.0	10		8	23	26	03	1.0		06.0	C	25.64	C	8.57		*	Q	0.01	07.1		
07	08	64	07.0	LA	0005	37	09.4	76	38.0	10		8	23	26	03	1.0		08.0	C	25.82	C	9.39	F	30	Q	0.05	07.1		
07	08	64	07.0	LA	0005	37	09.4	76	38.0	10		8	23	26	03	1.0		10.0	C	25.82	C	9.57		*	Q	0.08	07.1		
07	08	64	07.5	LA	0005	37	09.4	76	38.0	10		8		*	*			00.0	C	25.64	C	8.65		*	Q	0.01	07.5		
07	08	64	07.5	LA	0005	37	09.4	76	38.0	10		8		*	*			02.0	C	25.70	C	8.83		*	Q	0.04	07.5		
07	08	64	07.5	LA	0005	37	09.4	76	38.0	10		8		*	*			04.0	C	25.84	C	9.33		*	Q	0.08	07.5		
07	08	64	07.5	LA	0005	37	09.4	76	38.0	10		8		*	*			06.0	C	25.90	C	9.91		*	Q	0.25	07.6		
07	08	64	07.5	LA	0005	37	09.4	76	38.0	10		8		*	*			08.0	C	25.90	C	9.90	F	30	Q	0.35	07.6		
07	08	64	07.5	LA	0005	37	09.4	76	38.0	10		8		*	*			10.0	C	25.90	C	10.26		*	Q	0.39	07.6		
07	08	64	08.0	LA	0005	37	09.4	76	38.0	10		1	23	25	04	0.1		00.0	C	25.70	C	8.65	D	01	Q	0.15	08.0		
07	08	64	08.0	LA	0005	37	09.4	76	38.0	10		1	23	25	04	0.1		02.0	C	25.82	C	9.07		*	Q	0.22	08.0		
07	08	64	08.0	LA	0005	37	09.4	76	38.0	10		1	23	25	04	0.1		04.0	C	25.84	C	9.30		*	Q	0.40	08.0		
07	08	64	08.0	LA	0005	37	09.4	76	38.0	10		1	23	25	04	0.1		06.0	C	25.84	C	9.92		*	Q	0.42	08.1		
07	08	64	08.0	LA	0005	37	09.4	76	38.0	10		1	23	25	04	0.1		08.0	C	25.90	C	10.27	F	29	Q	0.31	08.1		
07	08	64	08.0	LA	0005	37	09.4	76	38.0	10		1	23	25	04	0.1		10.0	C	25.90	C	10.31		*	Q	0.30	08.2		
07	08	64	08.5	LA	0005	37	09.4	76	38.0	10		1		*	*			00.0	C	25.84	C	9.38	D	01	Q	0.33	08.5		
07	08	64	08.5	LA	0005	37	09.4	76	38.0	10		1		*	*			02.0	C	25.74	C	9.22		*	Q	0.37	08.5		
07	08	64	08.5	LA	0005	37	09.4	76	38.0	10		1		*	*			04.0	C	25.76	C	9.56		*	Q	0.46	08.5		
07	08	64	08.5	LA	0005	37	09.4	76	38.0	10		1		*	*			06.0	C	25.78	C	9.97		*	Q	0.33	08.6		
07	08	64	08.5	LA	0005	37	09.4	76	38.0	10		1		*	*			08.0	C	25.80	C	10.22	F	29	Q	0.03	08.6		
07	08	64	08.5	LA	0005	37	09.4	76	38.0	10		1		*	*			10.0	C	25.82	C	10.34		*	Q	0.03	08.6		
07	08	64	09.0	LA	0005	37	09.4	76	38.0	10		1	26	29	03	0.1		00.0	C	25.84	C	9.14	D	01	Q	0.30	09.0		
07	08	64	09.0	LA	0005	37	09.4	76	38.0	10		1	26	29	03	0.1		02.0	C	25.80	C	9.48		*	Q	0.40	09.0		
07	08	64	09.0	LA	0005	37	09.4	76	38.0	10		1	26	29	03	0.1		04.0	C	25.76	C	10.00		*	Q	0.45	09.0		
07	08	64	09.0	LA	0005	37	09.4	76	38.0	10		1	26	29	03	0.1		06.0	C	25.74	C	10.30		*	Q	0.06	19.1		
07	08	64	09.0	LA	0005	37	09.4	76	38.0	10		1	26	29	03	0.1		08.0	C	25.74	C	10.61	F	25	Q	0.55	19.1		
07	08	64	09.0	LA	0005	37	09.4	76	38.0	10		1	26	29	03	0.1		10.0	C	25.76	C	10.62		*	Q	0.04	19.1		
07	08	64	09.5	LA	0005	37	09.4	76	38.0	10		1		*	*			00.0	C	25.88	C	9.34	D	01	Q	0.40	09.5		
07	08	64	09.5	LA	0005	37	09.4	76	38.0	10		1		*	*			02.0	C	25.80	C	9.94		*	Q	0.30	09.5		
07	08	64	09.5	LA	0005	37	09.4	76	38.0	10		1		*	*			04.0	C	25.76	C	10.25		*	Q	0.50	09.5		
07	08	64	09.5	LA	0005	37	09.4	76	38.0	10		1		*	*			06.0	C	25.74	C	10.69		*	Q	0.50	09.5		
07	08	64	09.5	LA	0005	37	09.4	76	38.0	10		1		*	*			08.0	C	25.74	C	10.74	F	09	Q	0.38	09.5		
07	08	64	09.5	LA	0005	37	09.4	76	38.0	10		1		*	*			10.0	C	25.74	C	10.75		*	Q	0.35	09.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
07	08	64	10.0	LA	0005	37	09.4	76	38.0	10		2	26	19	02	1.2		00.0	C	25.90	C	9.53	D	01	Q	0.25	10.0	
07	08	64	10.0	LA	0005	37	09.4	76	38.0	10		2	26	19	02	1.2		02.0	C	25.88	C	10.05		*	Q	0.40	10.0	
07	08	64	10.0	LA	0005	37	09.4	76	38.0	10		2	26	19	02	1.2		04.0	C	25.86	C	10.46		*	Q	0.48	10.0	
07	08	64	10.0	LA	0005	37	09.4	76	38.0	10		2	26	19	02	1.2		06.0	C	25.84	C	10.64		*	Q	0.50	10.0	
07	08	64	10.0	LA	0005	37	09.4	76	38.0	10		2	26	19	02	1.2		08.0	C	25.78	C	10.91	F	36	Q	0.50	10.1	
07	08	64	10.0	LA	0005	37	09.4	76	38.0	10		2	26	19	02	1.2		10.0	C	25.76	C	10.91		*	Q	0.30	10.1	
06	08	64	16.5	OB	0005	37	00.5	76	28.8	16		7		*	*	0.8		00.0					D	31	D	0.33	16.5	
06	08	64	16.5	OB	0005	37	00.5	76	28.8	16		7		*	*	0.8		02.0						*	X	0.12	16.5	
06	08	64	16.5	OB	0005	37	00.5	76	28.8	16		7		*	*	0.8		04.0						*	X	0.35	16.5	
06	08	64	16.5	OB	0005	37	00.5	76	28.8	16		7		*	*	0.8		06.0						*	X	0.35	16.5	
06	08	64	16.5	OB	0005	37	00.5	76	28.8	16		7		*	*	0.8		08.0						*	X	0.32	16.5	
06	08	64	16.5	OB	0005	37	00.5	76	28.8	16		7		*	*	0.8		10.0						*	X	0.25	16.5	
06	08	64	16.5	OB	0005	37	00.5	76	28.8	16		7		*	*	0.8		12.0						*	X	0.20	16.5	
06	08	64	20.0	OB	0005	37	00.5	76	28.8	12		1		*	*			00.0					D	31	D	0.49	20.0	
06	08	64	20.0	OB	0005	37	00.5	76	28.8	12		1		*	*			02.0						*	X	0.40	20.0	
06	08	64	20.0	OB	0005	37	00.5	76	28.8	12		1		*	*			04.0						*	X	0.35	20.0	
06	08	64	20.0	OB	0005	37	00.5	76	28.8	12		1		*	*			06.0						*	X	0.32	20.0	
06	08	64	20.0	OB	0005	37	00.5	76	28.8	12		1		*	*			08.0						*	X	0.31	20.0	
06	08	64	20.0	OB	0005	37	00.5	76	28.8	12		1		*	*			10.0						*	X	0.31	20.0	
06	08	64	20.0	OB	0005	37	00.5	76	28.8	12		1		*	*			12.0						*	X	0.30	20.0	
06	08	64	20.5	OB	0005	37	00.5	76	28.8	14		2		*	*			00.0					D	32	D	0.23	20.5	
06	08	64	20.5	OB	0005	37	00.5	76	28.8	14		2		*	*			02.0						*	X	0.40	20.5	
06	08	64	20.5	OB	0005	37	00.5	76	28.8	14		2		*	*			04.0						*	X	0.35	20.5	
06	08	64	20.5	OB	0005	37	00.5	76	28.8	14		2		*	*			06.0						*	X	0.35	20.5	
06	08	64	20.5	OB	0005	37	00.5	76	28.8	14		2		*	*			08.0						*	X	0.32	20.5	
06	08	64	20.5	OB	0005	37	00.5	76	28.8	14		2		*	*			10.0						*	X	0.25	20.5	
06	08	64	20.5	OB	0005	37	00.5	76	28.8	14		2		*	*			12.0						*	X	0.25	20.5	
06	08	64	21.0	OB	0005	37	00.5	76	28.8	14		2		*	*			00.0					D	32	D	0.41	21.0	
06	08	64	21.0	OB	0005	37	00.5	76	28.8	14		2		*	*			02.0						*	X	0.30	21.0	
06	08	64	21.0	OB	0005	37	00.5	76	28.8	14		2		*	*			04.0						*	X	0.33	21.0	
06	08	64	21.0	OB	0005	37	00.5	76	28.8	14		2		*	*			06.0						*	X	0.31	21.0	
06	08	64	21.0	OB	0005	37	00.5	76	28.8	14		2		*	*			08.0						*	X	0.27	21.0	
06	08	64	21.0	OB	0005	37	00.5	76	28.8	14		2		*	*			10.0						*	X	0.30	21.0	
06	08	64	21.0	OB	0005	37	00.5	76	28.8	14		2		*	*			12.0						*	X	0.18	21.0	
06	08	64	21.5	OB	0005	37	00.5	76	28.8	12		2		*	*			00.0					D	31	D	0.39	21.5	
06	08	64	21.5	OB	0005	37	00.5	76	28.8	12		2		*	*			02.0						*	X	0.33	21.5	
06	08	64	21.5	OB	0005	37	00.5	76	28.8	12		2		*	*			04.0						*	X	0.34	21.5	
06	08	64	21.5	OB	0005	37	00.5	76	28.8	12		2		*	*			06.0						*	X	0.25	21.5	
06	08	64	21.5	OB	0005	37	00.5	76	28.8	12		2		*	*			08.0						*	X	0.24	21.5	
06	08	64	21.5	OB	0005	37	00.5	76	28.8	12		2		*	*			10.0						*	X	0.26	21.5	
06	08	64	21.5	OB	0005	37	00.5	76	28.8	12		2		*	*			12.0						*	X	0.19	21.5	
06	08	64	22.0	OB	0005	37	00.5	76	28.8	12		3		*	*			00.0					D	33	D	0.24	22.0	
06	08	64	22.0	OB	0005	37	00.5	76	28.8	12		3		*	*			02.0						*	X	0.17	22.0	
06	08	64	22.0	OB	0005	37	00.5	76	28.8	12		3		*	*			04.0						*	X	0.21	22.0	
06	08	64	22.0	OB	0005	37	00.5	76	28.8	12		3		*	*			06.0						*	X	0.21	22.0	
06	08	64	22.0	OB	0005	37	00.5	76	28.8	12		3		*	*			08.0						*	X	0.17	22.0	
06	08	64	22.0	OB	0005	37	00.5	76	28.8	12		3		*	*			10.0						*	X	0.15	22.0	
06	08	64	22.0	OB	0005	37	00.5	76	28.8	12		3		*	*			12.0						*	X	0.13	22.0	
06	08	64	22.5	OB	0005	37	00.5	76	28.8	12		3		*	*			00.0					D	35	D	0.11	22.5	
06	08	64	22.5	OB	0005	37	00.5	76	28.8	12		3		*	*			02.0						*	X	0.05	22.5	
06	08	64	22.5	OB	0005	37	00.5	76	28.8	12		3		*	*			04.0						*	X	0.08	22.5	
06	08	64	22.5	OB	0005	37	00.5	76	28.8	12		3		*	*			06.0						*	X	0.05	22.5	
06	08	64	22.5	OB	0005	37	00.5	76	28.8	12		3		*	*			08.0						*	X	0.04	22.5	
06	08	64	22.5	OB	0005	37	00.5	76	28.8	12		3		*	*			10.0						*	X	0.03	22.5	
06	08	64	22.5	OB	0005	37	00.5	76	28.8	12		3		*	*			12.0						*	X	0.01	22.5	
06	08	64	23.0	OB	0005	37	00.5	76	28.8	12		4		*	*			00.0					D	09	D	0.13	23.0	
06	08	64	23.0	OB	0005	37	00.5	76	28.8	12		4		*	*			02.0						*	X	0.11	23.0	
06	08	64	23.0	OB	0005	37	00.5	76	28.8	12		4		*	*			04.0						*	X	0.04	23.0	
06	08	64	23.0	OB	0005	37	00.5	76	28.8	12		4		*	*			06.0						*	X	0.01	23.0	
06	08	64	23.0	OB	0005	37	00.5	76	28.8	12		4		*	*			08.0						*	X	0.05	23.0	
06	08	64	23.0	OB	0005	37	00.5	76	28.8	12		4		*	*			10.0						*	X	0.07	23.0	
06	08	64	23.0	OB	0005	37	00.5	76	28.8	12		4		*	*			12.0						*	X	0.07	23.0	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
06	08	64	23.5	OB	0005	37	00.5	76	28.8	12		5		*	*			00.0					D	10	D	0.40	23.5	
06	08	64	23.5	OB	0005	37	00.5	76	28.8	12		5		*	*			02.0						*	X	0.30	23.5	
06	08	64	23.5	OB	0005	37	00.5	76	28.8	12		5		*	*			04.0						*	X	0.29	23.5	
06	08	64	23.5	OB	0005	37	00.5	76	28.8	12		5		*	*			06.0						*	X	0.28	23.5	
06	08	64	23.5	OB	0005	37	00.5	76	28.8	12		5		*	*			08.0						*	X	0.20	23.5	
06	08	64	23.5	OB	0005	37	00.5	76	28.8	12		5		*	*			10.0						*	X	0.15	23.5	
06	08	64	23.5	OB	0005	37	00.5	76	28.8	12		5		*	*			12.0						*	X	0.11	23.5	
07	08	64	00.0	OB	0005	37	00.5	76	28.8	12		5		*	*			00.0					D	14	D	0.44	*	
07	08	64	00.0	OB	0005	37	00.5	76	28.8	12		5		*	*			02.0						*	X	0.46	*	
07	08	64	00.0	OB	0005	37	00.5	76	28.8	12		5		*	*			04.0						*	X	0.42	*	
07	08	64	00.0	OB	0005	37	00.5	76	28.8	12		5		*	*			06.0						*	X	0.38	*	
07	08	64	00.0	OB	0005	37	00.5	76	28.8	12		5		*	*			08.0						*	X	0.34	*	
07	08	64	00.0	OB	0005	37	00.5	76	28.8	12		5		*	*			10.0						*	X	0.25	*	
07	08	64	00.0	OB	0005	37	00.5	76	28.8	12		5		*	*			12.0						*	X	0.10	*	
07	08	64	00.5	OB	0005	37	00.5	76	28.8	12		6		*	*			00.0					D	13	D	0.61	*	
07	08	64	00.5	OB	0005	37	00.5	76	28.8	12		6		*	*			02.0						*	X	0.40	*	
07	08	64	00.5	OB	0005	37	00.5	76	28.8	12		6		*	*			04.0						*	X	0.42	*	
07	08	64	00.5	OB	0005	37	00.5	76	28.8	12		6		*	*			06.0						*	X	0.48	*	
07	08	64	00.5	OB	0005	37	00.5	76	28.8	12		6		*	*			08.0						*	X	0.32	*	
07	08	64	00.5	OB	0005	37	00.5	76	28.8	12		6		*	*			10.0						*	X	0.12	*	
07	08	64	00.5	OB	0005	37	00.5	76	28.8	12		6		*	*			12.0						*	X	0.12	*	
07	08	64	01.0	OB	0005	37	00.5	76	28.8	12		6		*	*			00.0					D	12	D	0.61	01.0	
07	08	64	01.0	OB	0005	37	00.5	76	28.8	12		6		*	*			02.0						*	X	0.42	01.0	
07	08	64	01.0	OB	0005	37	00.5	76	28.8	12		6		*	*			04.0						*	X	0.46	01.0	
07	08	64	01.0	OB	0005	37	00.5	76	28.8	12		6		*	*			06.0						*	X	0.40	01.0	
07	08	64	01.0	OB	0005	37	00.5	76	28.8	12		6		*	*			08.0						*	X	0.40	01.0	
07	08	64	01.0	OB	0005	37	00.5	76	28.8	12		6		*	*			10.0						*	X	0.34	01.0	
07	08	64	01.0	OB	0005	37	00.5	76	28.8	12		6		*	*			11.0						*	X	0.15	01.0	
07	08	64	02.0	OB	0005	37	00.5	76	28.8	10		7		*	*			00.0			R	20.85	P	13	X	0.37	*	
07	08	64	02.0	OB	0005	37	00.5	76	28.8	10		7		*	*			02.0						*	X	0.50	*	
07	08	64	02.0	OB	0005	37	00.5	76	28.8	10		7		*	*			04.0						*	X	0.50	*	
07	08	64	02.0	OB	0005	37	00.5	76	28.8	10		7		*	*			06.0						*	X	0.50	*	
07	08	64	02.0	OB	0005	37	00.5	76	28.8	10		7		*	*			08.0						*	X	0.37	*	
07	08	64	02.5	OB	0005	37	00.5	76	28.8	10		7		*	*			00.0			R	19.69	P	13	X	0.25	*	
07	08	64	02.5	OB	0005	37	00.5	76	28.8	10		7		*	*			02.0						*	X	0.40	*	
07	08	64	02.5	OB	0005	37	00.5	76	28.8	10		7		*	*			04.0						*	X	0.40	*	
07	08	64	02.5	OB	0005	37	00.5	76	28.8	10		7		*	*			06.0						*	X	0.40	*	
07	08	64	02.5	OB	0005	37	00.5	76	28.8	10		7		*	*			08.0						*	X	0.25	*	
07	08	64	03.0	OB	0005	37	00.5	76	28.8	10		7		*	*			00.0					P	12	X	0.47	*	
07	08	64	03.0	OB	0005	37	00.5	76	28.8	10		7		*	*			02.0						*	X	0.50	*	
07	08	64	03.0	OB	0005	37	00.5	76	28.8	10		7		*	*			04.0						*	X	0.45	*	
07	08	64	03.0	OB	0005	37	00.5	76	28.8	10		7		*	*			06.0						*	X	0.50	*	
07	08	64	03.0	OB	0005	37	00.5	76	28.8	10		7		*	*			08.0						*	X	0.30	*	
07	08	64	03.5	OB	0005	37	00.5	76	28.8	10		7		*	*			00.0			R	18.85	P	12	X	0.40	*	
07	08	64	03.5	OB	0005	37	00.5	76	28.8	10		7		*	*			02.0						*	X	0.50	*	
07	08	64	03.5	OB	0005	37	00.5	76	28.8	10		7		*	*			04.0						*	X	0.35	*	
07	08	64	03.5	OB	0005	37	00.5	76	28.8	10		7		*	*			06.0						*	X	0.35	*	
07	08	64	03.5	OB	0005	37	00.5	76	28.8	10		7		*	*			08.0						*	X	0.30	*	
07	08	64	04.0	OB	0005	37	00.5	76	28.8	10		7		*	*			00.0			R	18.44	P	12	X	0.37	*	
07	08	64	04.0	OB	0005	37	00.5	76	28.8	10		7		*	*			02.0						*	X	0.37	*	
07	08	64	04.0	OB	0005	37	00.5	76	28.8	10		7		*	*			04.0						*	X	0.33	*	
07	08	64	04.0	OB	0005	37	00.5	76	28.8	10		7		*	*			06.0						*	X	0.30	*	
07	08	64	04.0	OB	0005	37	00.5	76	28.8	10		7		*	*			08.0						*	X	0.20	*	
07	08	64	04.5	OB	0005	37	00.5	76	28.8	10		7		*	*			00.0			R	18.23	P	12	X	0.27	*	
07	08	64	04.5	OB	0005	37	00.5	76	28.8	10		7		*	*			02.0						*	X	0.15	*	
07	08	64	04.5	OB	0005	37	00.5	76	28.8	10		7		*	*			04.0						*	X	0.13	*	
07	08	64	04.5	OB	0005	37	00.5	76	28.8	10		7		*	*			06.0						*	X	0.14	*	
07	08	64	04.5	OB	0005	37	00.5	76	28.8	10		7		*	*			08.0						*	X	0.01	*	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
07	08	64	05.0	OB	0005	37	00.5	76	28.8	10		7		*	*			00.0			R	18.55	P	11	X	0.20	*		
07	08	64	05.0	OB	0005	37	00.5	76	28.8	10		7		*	*			02.0						*	X	0.22	*		
07	08	64	05.0	OB	0005	37	00.5	76	28.8	10		7		*	*			04.0						*	X	0.07	*		
07	08	64	05.0	OB	0005	37	00.5	76	28.8	10		7		*	*			06.0						*	X	0.07	*		
07	08	64	05.0	OB	0005	37	00.5	76	28.8	10		7		*	*			08.0						*	X	0.12	*		
07	08	64	05.0	OB	0005	37	00.5	76	28.8	10		7		*	*			09.0						*	X	0.16	*		
07	08	64	05.5	OB	0005	37	00.5	76	28.8	8		7			*			00.0			R	18.31	P	10	X	0.12	*		
07	08	64	05.5	OB	0005	37	00.5	76	28.8	8		7			*			02.0						*	X	0.06	*		
07	08	64	05.5	OB	0005	37	00.5	76	28.8	8		7			*			04.0						*	X	0.07	*		
07	08	64	05.5	OB	0005	37	00.5	76	28.8	8		7			*			06.0						*	X	0.10	*		
07	08	64	05.5	OB	0005	37	00.5	76	28.8	8		7			*			08.0						*	X	0.13	*		
07	08	64	06.0	OB	0005	37	00.5	76	28.8	8		1			*			00.0			R	18.28	P	02	X	0.07	*		
07	08	64	06.0	OB	0005	37	00.5	76	28.8	8		1			*			02.0						*	X	0.14	*		
07	08	64	06.0	OB	0005	37	00.5	76	28.8	8		1			*			04.0						*	X	0.20	*		
07	08	64	06.0	OB	0005	37	00.5	76	28.8	8		1			*			06.0						*	X	0.34	*		
07	08	64	06.0	OB	0005	37	00.5	76	28.8	8		1			*			08.0						*	X	0.14	*		
07	08	64	06.5	OB	0005	37	00.5	76	28.8	10		1		*	*	0.9		00.0			R	18.22	P	34	X	0.15	*		
07	08	64	06.5	OB	0005	37	00.5	76	28.8	10		1		*	*	0.9		02.0						*	X	0.35	*		
07	08	64	06.5	OB	0005	37	00.5	76	28.8	10		1		*	*	0.9		04.0						*	X	0.37	*		
07	08	64	06.5	OB	0005	37	00.5	76	28.8	10		1		*	*	0.9		06.0						*	X	0.36	*		
07	08	64	06.5	OB	0005	37	00.5	76	28.8	10		1		*	*	0.9		08.0						*	X	0.25	*		
07	08	64	06.5	OB	0005	37	00.5	76	28.8	10		1		*	*	0.9		09.0						*	X	0.20	*		
07	08	64	07.0	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		00.0			R	18.70	P	33	X	0.37	*		
07	08	64	07.0	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		02.0						*	X	0.38	*		
07	08	64	07.0	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		04.0						*	X	0.38	*		
07	08	64	07.0	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		06.0						*	X	0.38	*		
07	08	64	07.0	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		08.0						*	X	0.31	*		
07	08	64	07.0	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		10.0						*	X	0.25	*		
07	08	64	07.0	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		11.0						*	X	0.20	*		
07	08	64	07.5	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		00.0			R	18.66	P	33	X	0.41	*		
07	08	64	07.5	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		02.0						*	X	0.41	*		
07	08	64	07.5	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		04.0						*	X	0.44	*		
07	08	64	07.5	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		06.0						*	X	0.42	*		
07	08	64	07.5	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		08.0						*	X	0.35	*		
07	08	64	07.5	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		10.0					X	03		0.35	*		
07	08	64	07.5	OB	0005	37	00.5	76	28.8	12		1		*	*	0.8		11.0						*	X	0.30	*		
07	08	64	08.0	OB	0005	37	00.5	76	28.8	12		2		*	*	0.7		00.0			R	18.93	P	33	X	0.43	*		
07	08	64	08.0	OB	0005	37	00.5	76	28.8	12		2		*	*	0.7		02.0						*	X	0.45	*		
07	08	64	08.0	OB	0005	37	00.5	76	28.8	12		2		*	*	0.7		04.0						*	X	0.43	*		
07	08	64	08.0	OB	0005	37	00.5	76	28.8	12		2		*	*	0.7		06.0						*	X	0.45	*		
07	08	64	08.0	OB	0005	37	00.5	76	28.8	12		2		*	*	0.7		08.0						*	X	0.40	*		
07	08	64	08.0	OB	0005	37	00.5	76	28.8	12		2		*	*	0.7		10.0						*	X	0.37	*		
07	08	64	08.0	OB	0005	37	00.5	76	28.8	12		2		*	*	0.7		12.0						*	X	0.28	*		
07	08	64	08.5	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		00.0			R	19.32	P	33	X	0.49	*		
07	08	64	08.5	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		02.0						*	X	0.48	*		
07	08	64	08.5	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		04.0						*	X	0.47	*		
07	08	64	08.5	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		06.0						*	X	0.45	*		
07	08	64	08.5	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		08.0						*	X	0.39	*		
07	08	64	08.5	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		10.0						*	X	0.37	*		
07	08	64	08.5	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		12.0						*	X	0.24	*		
07	08	64	09.0	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		00.0			R	19.76	P	33	X	0.48	*		
07	08	64	09.0	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		02.0						*	X	0.47	*		
07	08	64	09.0	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		04.0						*	X	0.46	*		
07	08	64	09.0	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		06.0						*	X	0.40	*		
07	08	64	09.0	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		08.0						*	X	0.37	*		
07	08	64	09.0	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		10.0						*	X	0.25	*		
07	08	64	09.0	OB	0005	37	00.5	76	28.8	12		2		*	*	1.0		12.0						*	X	0.27	*		
07	08	64	09.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		00.0			R	22.42	P	34	X	0.45	*		
07	08	64	09.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		02.0						*	X	0.39	*		
07	08	64	09.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		04.0						*	X	0.35	*		
07	08	64	09.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		06.0						*	X	0.26	*		
07	08	64	09.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		08.0						*	X	0.24	*		
07	08	64	09.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		10.0						*	X	0.20	*		
07	08	64	09.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		12.0						*	X	0.22	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
07	08	64	10.0	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		00.0			R	20.77	P	34	X	0.31	*	
07	08	64	10.0	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		02.0						*	X	0.32	*	
07	08	64	10.0	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		04.0						*	X	0.31	*	
07	08	64	10.0	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		06.0						*	X	0.26	*	
07	08	64	10.0	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		08.0						*	X	0.23	*	
07	08	64	10.0	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		10.0						*	X	0.18	*	
07	08	64	10.0	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		11.0						*	X	0.17	*	
07	08	64	10.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		00.0			R	20.98	P	34	X	0.25	*	
07	08	64	10.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		02.0						*	X	0.20	*	
07	08	64	10.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		04.0						*	X	0.13	*	
07	08	64	10.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		06.0						*	X	0.10	*	
07	08	64	10.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		08.0						*	X	0.06	*	
07	08	64	10.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		10.0						*	X	0.06	*	
07	08	64	10.5	OB	0005	37	00.5	76	28.8	12		3		*	*	0.8		11.0						*	X	0.06	*	
07	08	64	11.0	OB	0005	37	00.5	76	28.8	12		8		*	*	0.6		00.0			R	21.04	P	02	X	0.06	*	
07	08	64	11.0	OB	0005	37	00.5	76	28.8	12		8		*	*	0.6		02.0						*	X	0.06	*	
07	08	64	11.0	OB	0005	37	00.5	76	28.8	12		8		*	*	0.6		04.0						*	X	0.05	*	
07	08	64	11.0	OB	0005	37	00.5	76	28.8	12		8		*	*	0.6		06.0						*	X	0.02	*	
07	08	64	11.0	OB	0005	37	00.5	76	28.8	12		8		*	*	0.6		08.0						*	X	0.09	*	
07	08	64	11.0	OB	0005	37	00.5	76	28.8	12		8		*	*	0.6		10.0						*	X	0.07	*	
07	08	64	11.0	OB	0005	37	00.5	76	28.8	12		8		*	*	0.6		11.0						*	X	0.09	*	
06	08	64	16.5	IN	0005	37	05.2	76	36.8	8		6			*			00.0			R	11.84	D	28	P	0.16	16.5	
06	08	64	16.5	IN	0005	37	05.2	76	36.8	8		6			*			02.0			R	11.83		*	P	0.15	16.6	
06	08	64	16.5	IN	0005	37	05.2	76	36.8	8		6			*			04.0			R	12.01		*	P	0.10	16.7	
06	08	64	16.5	IN	0005	37	05.2	76	36.8	8		6			*			06.0			R	12.30		*	P	0.05	16.8	
06	08	64	16.5	IN	0005	37	05.2	76	36.8	8		6			*			08.0						*	P	0.06	17.0	
06	08	64	17.0	IN	0005	37	05.2	76	36.8	8		8	28	4	04	0.9		00.0			R	11.85	D	21	P	0.10	17.0	
06	08	64	17.0	IN	0005	37	05.2	76	36.8	8		8	28	4	04	0.9		02.0						*	P	0.06	17.0	
06	08	64	17.0	IN	0005	37	05.2	76	36.8	8		8	28	4	04	0.9		04.0						*	P	0.10	17.1	
06	08	64	17.0	IN	0005	37	05.2	76	36.8	8		8	28	4	04	0.9		06.0						*	P	0.13	17.1	
06	08	64	17.0	IN	0005	37	05.2	76	36.8	8		8	28	4	04	0.9		08.0						*	P	0.12	17.1	
06	08	64	17.5	IN	0005	37	05.2	76	36.8	9		1			*			00.0			R	11.85	D	30	P	0.09	17.5	
06	08	64	17.5	IN	0005	37	05.2	76	36.8	9		1			*			02.0			R	11.83		*	P	0.11	17.5	
06	08	64	17.5	IN	0005	37	05.2	76	36.8	9		1			*			04.0			R	11.89		*	P	0.11	17.6	
06	08	64	17.5	IN	0005	37	05.2	76	36.8	9		1			*			06.0			R	12.22		*	P	0.16	17.6	
06	08	64	17.5	IN	0005	37	05.2	76	36.8	9		1			*			08.0						*	P	0.35	17.7	
06	08	64	17.5	IN	0005	37	05.2	76	36.8	9		1			*			09.0						*	P	0.34	17.7	
06	08	64	18.0	IN	0005	37	05.2	76	36.8	9		1	27	6	03	1.1		00.0			R	11.91	D	33	P	0.26	18.0	
06	08	64	18.0	IN	0005	37	05.2	76	36.8	9		1	27	6	03	1.1		02.0			R	11.90		*	P	0.26	18.0	
06	08	64	18.0	IN	0005	37	05.2	76	36.8	9		1	27	6	03	1.1		04.0			R	11.93		*	P	0.37	18.1	
06	08	64	18.0	IN	0005	37	05.2	76	36.8	9		1	27	6	03	1.1		06.0			R	12.56		*	P	0.47	18.1	
06	08	64	18.0	IN	0005	37	05.2	76	36.8	9		1	27	6	03	1.1		08.0						*	P	0.46	18.1	
06	08	64	18.0	IN	0005	37	05.2	76	36.8	9		1	27	6	03	1.1		09.0						*	P	0.35	18.2	
06	08	64	18.5	IN	0005	37	05.2	76	36.8	9		1			*			00.0			R	12.13	D	32	P	0.36	18.5	
06	08	64	18.5	IN	0005	37	05.2	76	36.8	9		1			*			02.0			R	15.65		*	P	0.38	18.5	
06	08	64	18.5	IN	0005	37	05.2	76	36.8	9		1			*			04.0			R	12.30		*	P	0.50	18.6	
06	08	64	18.5	IN	0005	37	05.2	76	36.8	9		1			*			06.0			R	12.90		*	P	0.52	18.6	
06	08	64	18.5	IN	0005	37	05.2	76	36.8	9		1			*			08.0			R	13.28		*	P	0.52	18.7	
06	08	64	18.5	IN	0005	37	05.2	76	36.8	9		1			*			09.0			R	14.01		*	P	0.46	18.7	
06	08	64	19.0	IN	0005	37	05.2	76	36.8	9		2			*	1.0		00.0			R	12.51	D	33	P	0.45	19.0	
06	08	64	19.0	IN	0005	37	05.2	76	36.8	9		2			*	1.0		02.0			R	13.28		*	P	0.49	19.0	
06	08	64	19.0	IN	0005	37	05.2	76	36.8	9		2			*	1.0		04.0			R	12.77		*	P	0.51	19.0	
06	08	64	19.0	IN	0005	37	05.2	76	36.8	9		2			*	1.0		06.0						*	P	0.52	19.1	
06	08	64	19.0	IN	0005	37	05.2	76	36.8	9		2			*	1.0		08.0						*	P	0.51	19.1	
06	08	64	19.0	IN	0005	37	05.2	76	36.8	9		2			*	1.0		09.0						*	P	0.50	19.1	
06	08	64	20.0	IN	0005	37	05.2	76	36.8	8		*			*			00.0			R	15.12	D	28	P	0.27	20.0	
06	08	64	20.0	IN	0005	37	05.2	76	36.8	8		*			*			02.0			R	15.20		*	P	0.62	20.0	
06	08	64	20.0	IN	0005	37	05.2	76	36.8	8		*			*			04.0			R	15.73		*	P	0.63	20.0	
06	08	64	20.0	IN	0005	37	05.2	76	36.8	8		*			*			06.0			R	15.82		*	P	0.52	20.0	
06	08	64	20.0	IN	0005	37	05.2	76	36.8	8		*			*			08.0			R	16.02		*	P	0.50	20.0	
06	08	64	20.0	IN	0005	37	05.2	76	36.8	8		*			*			09.0			R	16.05		*	P	0.51	20.0	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
06	08	64	21.0	IN	0005	37	05.2	76	36.8	8		*			*			00.0			R	15.46	D	29	P	0.25	21.0		
06	08	64	21.0	IN	0005	37	05.2	76	36.8	8		*			*			02.0			R	15.44		*	P	0.50	21.2		
06	08	64	21.0	IN	0005	37	05.2	76	36.8	8		*			*			04.0			R	15.63		*	P	0.49	21.4		
06	08	64	21.0	IN	0005	37	05.2	76	36.8	8		*			*			06.0			R	15.83		*	P	0.51	21.4		
06	08	64	21.0	IN	0005	37	05.2	76	36.8	8		*			*			08.0			R	16.02		*	P	0.50	21.5		
06	08	64	21.0	IN	0005	37	05.2	76	36.8	8		*			*			09.0			R	15.85		*	P	0.49	21.6		
06	08	64	22.0	IN	0005	37	05.2	76	36.8	8		*			*			00.0					E	10	D	0.30	*		
07	08	64	03.0	IN	0005	37	05.2	76	36.8	*9		5	23	17	02			00.0			R	14.43	D	14	P	0.52	03.2		
07	08	64	03.0	IN	0005	37	05.2	76	36.8	*9		5	23	17	02			02.0			R	14.47		*	P	0.52	03.2		
07	08	64	03.0	IN	0005	37	05.2	76	36.8	*9		5	23	17	02			04.0			R	14.29		*	P	0.51	03.2		
07	08	64	03.0	IN	0005	37	05.2	76	36.8	*9		5	23	17	02			06.0			R	14.70		*	P	0.31	03.2		
07	08	64	03.0	IN	0005	37	05.2	76	36.8	*9		5	23	17	02			08.0			R	14.61		*	P	0.20	03.2		
07	08	64	03.5	IN	0005	37	05.2	76	36.8	8		5			*			00.0			R	13.87		*	P	0.51	03.6		
07	08	64	03.5	IN	0005	37	05.2	76	36.8	8		5			*			02.0			R	13.85		*	P	0.50	03.6		
07	08	64	03.5	IN	0005	37	05.2	76	36.8	8		5			*			04.0			R	13.83		*	P	0.51	03.6		
07	08	64	03.5	IN	0005	37	05.2	76	36.8	8		5			*			06.0			R	14.17		*	P	0.33	03.6		
07	08	64	03.5	IN	0005	37	05.2	76	36.8	8		5			*			08.0			R	14.20		*	P	0.27	03.6		
07	08	64	04.0	IN	0005	37	05.2	76	36.8	*8		5	22	26	03			00.0			R	13.10	D	14	P	0.50	04.2		
07	08	64	04.0	IN	0005	37	05.2	76	36.8	*8		5	22	26	03			02.0			R	13.03		*	P	0.50	04.2		
07	08	64	04.0	IN	0005	37	05.2	76	36.8	*8		5	22	26	03			04.0			R	15.52		*	P	0.51	04.2		
07	08	64	04.0	IN	0005	37	05.2	76	36.8	*8		5	22	26	03			06.0			R	13.34		*	P	0.37	04.2		
07	08	64	04.0	IN	0005	37	05.2	76	36.8	*8		5	22	26	03			08.0			R	13.24		*	P	0.25	04.2		
07	08	64	04.5	IN	0005	37	05.2	76	36.8	8		6			*			00.0			R	12.74	D	14	P	0.33	04.7		
07	08	64	04.5	IN	0005	37	05.2	76	36.8	8		6			*			02.0			R	12.90		*	P	0.40	04.7		
07	08	64	04.5	IN	0005	37	05.2	76	36.8	8		6			*			04.0			R	13.27		*	P	0.45	04.7		
07	08	64	04.5	IN	0005	37	05.2	76	36.8	8		6			*			06.0			R	13.27		*	P	0.37	04.7		
07	08	64	04.5	IN	0005	37	05.2	76	36.8	8		6			*			08.0			R	13.25		*	P	0.29	04.7		
07	08	64	05.0	IN	0005	37	05.2	76	36.8	*8		7	23	25	03			00.0			R	12.62	D	14	P	0.35	05.2		
07	08	64	05.0	IN	0005	37	05.2	76	36.8	*8		7	23	25	03			02.0			R	12.52		*	P	0.35	05.2		
07	08	64	05.0	IN	0005	37	05.2	76	36.8	*8		7	23	25	03			04.0			R	12.55		*	P	0.30	05.2		
07	08	64	05.0	IN	0005	37	05.2	76	36.8	*8		7	23	25	03			06.0			R	12.79		*	P	0.26	05.2		
07	08	64	05.0	IN	0005	37	05.2	76	36.8	*8		7	23	25	03			08.0			R	12.94		*	P	0.12	05.2		
07	08	64	05.5	IN	0005	37	05.2	76	36.8	8		7			*			00.0			R	12.37	D	14	P	0.29	05.7		
07	08	64	05.5	IN	0005	37	05.2	76	36.8	8		7			*			02.0			R	12.31		*	P	0.26	05.7		
07	08	64	05.5	IN	0005	37	05.2	76	36.8	8		7			*			04.0			R	12.32		*	P	0.19	05.7		
07	08	64	05.5	IN	0005	37	05.2	76	36.8	8		7			*			06.0			R	12.53		*	P	0.13	05.7		
07	08	64	05.5	IN	0005	37	05.2	76	36.8	8		7			*			08.0			R	12.67	D	14	P	0.04	05.7		
07	08	64	06.0	IN	0005	37	05.2	76	36.8	8		8			*			00.0	0	25.78	R	12.03		*	P	0.17	06.2		
07	08	64	06.0	IN	0005	37	05.2	76	36.8	8		8			*			02.0	0	25.78	R	12.16		*	P	0.09	06.2		
07	08	64	06.0	IN	0005	37	05.2	76	36.8	8		8			*			04.0	0	25.79	R	12.20		*	P	0.07	06.2		
07	08	64	06.0	IN	0005	37	05.2	76	36.8	8		8			*			06.0	0	25.79	R	12.31		*	P	0.05	06.2		
07	08	64	06.0	IN	0005	37	05.2	76	36.8	8		8			*			08.0			R	12.29		*	P	0.05	06.2		
07	08	64	06.5	IN	0005	37	05.2	76	36.8	8		8			*			00.0					D	00	P	0.00	06.7		
07	08	64	06.5	IN	0005	37	05.2	76	36.8	8		8			*			02.0						*	P	0.05	06.7		
07	08	64	06.5	IN	0005	37	05.2	76	36.8	8		8			*			04.0						*	P	0.00	06.7		
07	08	64	06.5	IN	0005	37	05.2	76	36.8	8		8			*			06.0						*	P	0.05	06.7		
07	08	64	06.5	IN	0005	37	05.2	76	36.8	8		8			*			08.0						*	P	0.11	06.7		
07	08	64	07.0	IN	0005	37	05.2	76	36.8	*8		1	23	26	03	1.0		00.0	0	25.78	R	12.17	D	35	P	0.17	07.3		
07	08	64	07.0	IN	0005	37	05.2	76	36.8	*8		1	23	26	03	1.0		02.0	0	25.78	R	12.18		*	P	0.14	07.3		
07	08	64	07.0	IN	0005	37	05.2	76	36.8	*8		1	23	26	03	1.0		04.0	0	25.74	R	12.16		*	P	0.14	07.3		
07	08	64	07.0	IN	0005	37	05.2	76	36.8	*8		1	23	26	03	1.0		06.0	0	25.78	R	13.00		*	P	0.15	07.3		
07	08	64	07.0	IN	0005	37	05.2	76	36.8	*8		1	23	26	03	1.0		08.0	0	25.74	R	13.06		*	P	0.10	07.3		
07	08	64	07.5	IN	0005	37	05.2	76	36.8	8		1			*	1.0		00.0	0	25.72	R	12.25	D	35	P	0.26	07.7		
07	08	64	07.5	IN	0005	37	05.2	76	36.8	8		1			*	1.0		02.0	0	25.72	R	12.25		*	P	0.21	07.7		
07	08	64	07.5	IN	0005	37	05.2	76	36.8	8		1			*	1.0		04.0	0	25.70	R	12.24		*	P	0.25	07.7		
07	08	64	07.5	IN	0005	37	05.2	76	36.8	8		1			*	1.0		06.0	0	25.76	R	13.24		*	P	0.50	07.7		
07	08	64	07.5	IN	0005	37	05.2	76	36.8	8		1			*	1.0		08.0	0	25.71	R	12.75		*	P	0.40	07.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
07	08	64	08.0	IN	0005	37	05.2	76	36.8	*8		1	23	25	04	1.0		00.0	O	25.70	R	12.39		*	P	0.35	08.0		
07	08	64	08.0	IN	0005	37	05.2	76	36.8	*8		1	23	25	04	1.0		02.0	O	25.70	R	12.36		*	P	0.40	08.0		
07	08	64	08.0	IN	0005	37	05.2	76	36.8	*8		1	23	25	04	1.0		04.0	O	25.70	R	12.49		*	P	0.36	08.1		
07	08	64	08.0	IN	0005	37	05.2	76	36.8	*8		1	23	25	04	1.0		06.0	O	25.64	R	13.10		*	P	0.48	08.1		
07	08	64	08.0	IN	0005	37	05.2	76	36.8	*8		1	23	25	04	1.0		08.0	O	25.64	R	13.63		*	P	0.40	08.2		
07	08	64	08.5	IN	0005	37	05.2	76	36.8	8		1			*	1.0		00.0	O	25.62	R	12.75	D	18	P	0.30	08.7		
07	08	64	08.5	IN	0005	37	05.2	76	36.8	8		1			*	1.0		02.0	O	25.60	R	13.18		*	P	0.37	08.7		
07	08	64	08.5	IN	0005	37	05.2	76	36.8	8		1			*	1.0		04.0	O	25.57	R	13.34		*	P	0.26	08.7		
07	08	64	08.5	IN	0005	37	05.2	76	36.8	8		1			*	1.0		06.0	O	25.48	R	14.01		*	P	0.26	08.7		
07	08	64	08.5	IN	0005	37	05.2	76	36.8	8		1			*	1.0		08.0	O	25.47	R	14.03		*	P	0.25	08.7		
07	08	64	09.0	IN	0005	37	05.2	76	36.8	*8		1	26	29	03	1.0		00.0	O	25.52	R	13.55	D	01	P	0.35	09.2		
07	08	64	09.0	IN	0005	37	05.2	76	36.8	*8		1	26	29	03	1.0		02.0	O	25.49	R	13.79		*	P	0.30	09.2		
07	08	64	09.0	IN	0005	37	05.2	76	36.8	*8		1	26	29	03	1.0		04.0	O	25.45	R	13.67		*	P	0.28	09.2		
07	08	64	09.0	IN	0005	37	05.2	76	36.8	*8		1	26	29	03	1.0		06.0	O	25.39	R	13.62		*	P	0.28	09.2		
07	08	64	09.0	IN	0005	37	05.2	76	36.8	*8		1	26	29	03	1.0		08.0	O	25.39	R	13.78		*	P	0.26	09.2		
07	08	64	09.5	IN	0005	37	05.2	76	36.8	8		2			*	1.0		00.0	O	25.54	R	14.09	D	01	P	0.29	09.7		
07	08	64	09.5	IN	0005	37	05.2	76	36.8	8		2			*	1.0		02.0	O	25.50				*	P	0.33	09.7		
07	08	64	09.5	IN	0005	37	05.2	76	36.8	8		2			*	1.0		04.0	O	25.49				*	P	0.38	09.7		
07	08	64	09.5	IN	0005	37	05.2	76	36.8	8		2			*	1.0		06.0	O	25.47				*	P	0.26	09.7		
07	08	64	09.5	IN	0005	37	05.2	76	36.8	8		2			*	1.0		08.0	O	25.44				*	P	0.30	09.7		
07	08	64	10.0	IN	0005	37	05.2	76	36.8	*8		3	26	19	02	1.0		00.0	O	25.60			D	35	P	0.23	10.2		
07	08	64	10.0	IN	0005	37	05.2	76	36.8	*8		3	26	19	02	1.0		02.0	O	25.56				*	P	0.29	10.2		
07	08	64	10.0	IN	0005	37	05.2	76	36.8	*8		3	26	19	02	1.0		04.0	O	25.44				*	P	0.30	10.2		
07	08	64	10.0	IN	0005	37	05.2	76	36.8	*8		3	26	19	02	1.0		06.0	O	25.36				*	P	0.30	10.2		
07	08	64	10.0	IN	0005	37	05.2	76	36.8	*8		3	26	19	02	1.0		08.0	O	25.36				*	P	0.29	10.2		
07	08	64	10.5	IN	0005	37	05.2	76	36.8	8		3			*	1.0		00.0	O	25.78			D	34	P	0.21	10.7		
07	08	64	10.5	IN	0005	37	05.2	76	36.8	8		3			*	1.0		02.0	O	25.57				*	P	0.29	10.7		
07	08	64	10.5	IN	0005	37	05.2	76	36.8	8		3			*	1.0		04.0	O	25.45				*	P	0.33	10.7		
07	08	64	10.5	IN	0005	37	05.2	76	36.8	8		3			*	1.0		06.0	O	25.46				*	P	0.25	10.7		
07	08	64	10.5	IN	0005	37	05.2	76	36.8	8		3			*	1.0		08.0	O	25.47				*	P	0.24	10.7		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			00.0			R	22.64	B	30	D	0.78	17.6		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			01.4			R	22.65		*		*	*		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			02.7			R	22.64		*		*	*		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			03.5			R	22.64		*		*	*		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			04.0						*	V	0.70	17.8		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			04.1			R	22.64		*		*	*		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			04.8			R	22.64		*		*	*		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			06.2			R	22.64		*		*	*		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			08.0						*	V	0.75	17.8		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			10.0						*	V	0.65	17.8		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			12.0						*	V	0.65	17.8		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			14.0						*	V	0.65	17.8		
06	08	64	17.7	HO	0005	36	57.4	76	25.2	20		1		*	*			18.0						*	V	0.50	17.8		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			00.0			R	22.85	D	30	D	0.71	18.1		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			01.6			R	22.85		*		*	*		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			03.1			R	22.86		*		*	*		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			03.9			R	22.86		*		*	*		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			04.0						*		*	*		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			04.7			R	22.84		*		*	*		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			05.5			R	22.84		*		*	*		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			07.0			R	22.83		*		*	*		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			08.0						*		*	*		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			10.0						*		*	*		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			12.0						*		*	*		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			14.0						*		*	*		
06	08	64	18.0	HO	0005	36	57.4	76	25.2	20		1		*	*			18.0						*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			00.0			R	23.02	D	30	D	0.78	18.5		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			01.9			R	23.02		*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			03.8			R	23.02		*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			04.0						*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			04.7			R	23.02		*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			05.6			R	23.02		*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			06.6			R	23.02		*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			08.0						*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			08.5			R	23.00		*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			10.0						*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			12.0						*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			14.0						*		*	*		
06	08	64	18.5	HO	0005	36	57.4	76	25.2	20		1		*	*			18.0						*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			00.0			R	23.05	D	30	D	0.73	19.0		
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			01.9			R	23.05		*		*	*		
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			03.8			R	23.05		*		*	*		
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			04.0						*		*	*		
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			05.6			R	23.05		*		*	*		
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			06.6			R	23.05		*		*	*		
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			08.0						*		*	*		
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			08.5			R	23.05		*		*	*		
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			10.0			R	23.05		*		*	*		
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			12.0						*		*	*		
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			14.0						*		*	*		
06	08	64	19.0	HO	0005	36	57.4	76	25.2	20		2		*	*			18.0						*		*	*		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			00.0			R	23.03	D	30	D	0.65	*		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			01.9			R	23.03		*		*	*		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			03.8			R	23.03		*		*	*		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			04.0						*	V	0.60	19.7		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			05.6			R	23.04		*		*	*		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			06.6			R	23.04		*		*	*		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			08.0						*	V	0.55	19.8		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			08.5			R	23.04		*		*	*		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			09.4			R	23.03		*		*	*		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			10.0						*	V	0.65	19.8		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			12.0						*	V	0.50	19.8		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			14.0						*	V	0.50	19.8		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			18.0						*	V	0.50	19.8		
06	08	64	19.5	HO	0005	36	57.4	76	25.2	20		2		*	*			20.0						*	V	0.30	19.8		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			00.0			R	23.04	D	30	D	0.56	20.0		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			02.0			R	23.04		*		*	*		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			04.0			R	23.05		*		*	*		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			04.0						*	V	0.75	20.1		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			05.0			R	23.05		*		*	*		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			06.0			R	23.05		*		*	*		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			07.0			R	23.05		*		*	*		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			08.0						*	V	0.75	20.1		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			09.0			R	23.05		*		*	*		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			10.0						*	V	0.75	20.1		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			12.0						*	V	0.65	20.1		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			14.0						*	V	0.65	20.1		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			18.0						*	V	0.65	20.1		
06	08	64	20.0	HO	0005	36	57.4	76	25.2	20		2		*	*			20.0						*	V	0.55	20.1		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			00.0			R	23.01	D	29	D	0.41	20.5		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			02.9			R	23.06		*		*	*		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			04.0						*	V	0.41	20.6		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			05.8			R	23.10		*		*	*		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			07.2			R	23.14		*		*	*		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			08.0						*	V	0.49	20.6		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			08.6			R	23.12		*		*	*		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			10.0						*	V	0.47	20.6		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			10.1			R	23.15		*		*	*		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			12.0						*	V	0.49	20.7		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			12.9			R	23.14		*		*	*		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			19.0						*	V	0.45	20.7		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			18.0						*	V	0.35	20.7		
06	08	64	20.5	HO	0005	36	57.4	76	25.2	21		3		*	*			20.0						*	V	0.28	20.7		
06	08	64	21.0	HO	0005	36	57.4	76	25.2	21		3		*	*			00.0					D	29	D	0.25	21.0		
06	08	64	21.0	HO	0005	36	57.4	76	25.2	21		3		*	*			04.0			R	23.05		*	V	0.21	21.2		
06	08	64	21.0	HO	0005	36	57.4	76	25.2	21		3		*	*			08.0			R	23.06		*	V	0.31	21.2		
06	08	64	21.0	HO	0005	36	57.4	76	25.2	21		3		*	*			10.0			R	23.21	F	31	V	0.33	21.2		
06	08	64	21.0	HO	0005	36	57.4	76	25.2	21		3		*	*			12.0			R	23.21		*	V	0.33	21.2		
06	08	64	21.0	HO	0005	36	57.4	76	25.2	21		3		*	*			14.0			R	23.19		*	V	0.31	21.2		
06	08	64	21.0	HO	0005	36	57.4	76	25.2	21		3		*	*			18.0						*	V	0.27	21.2		
06	08	64	21.0	HO	0005	36	57.4	76	25.2	21		3		*	*			20.0			R	23.20	F	31	V	0.29	21.2		
06	08	64	21.5	HO	0005	36	57.4	76	25.2	21		3		*	*			00.0			R	22.96	D	31	D	0.12	21.5		
06	08	64	21.5	HO	0005	36	57.4	76	25.2	21		3		*	*			04.0			R	23.07		*	V	0.06	21.6		
06	08	64	21.5	HO	0005	36	57.4	76	25.2	21		3		*	*			08.0			R	23.10		*	V	0.12	21.6		
06	08	64	21.5	HO	0005	36	57.4	76	25.2	21		3		*	*			10.0			R	23.13	F	30	V	0.15	21.6		
06	08	64	21.5	HO	0005	36	57.4	76	25.2	21		3		*	*			12.0			R	23.17		*	V	0.15	21.7		
06	08	64	21.5	HO	0005	36	57.4	76	25.2	21		3		*	*			14.0			R	23.17		*	V	0.17	21.7		
06	08	64	21.5	HO	0005	36	57.4	76	25.2	21		3		*	*			18.0						*	V	0.15	21.7		
06	08	64	21.5	HO	0005	36	57.4	76	25.2	21		3		*	*			20.0			R	23.22	F	32	V	0.14	21.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT					SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
06	08	64	22.0	HO	0005	36	57.4	76	25.2	21		4		*	*			00.0			R	22.98	D	01	D	0.01		22.1		
06	08	64	22.0	HO	0005	36	57.4	76	25.2	21		4		*	*			04.0			R	23.02		*	V	0.15		22.4		
06	08	64	22.0	HO	0005	36	57.4	76	25.2	21		4		*	*			08.0			R	23.11		*	V	0.08		22.4		
06	08	64	22.0	HO	0005	36	57.4	76	25.2	21		4		*	*			10.0			R	23.10	F	00	V	0.07		22.4		
06	08	64	22.0	HO	0005	36	57.4	76	25.2	21		4		*	*			12.0			R	23.19		*	V	0.06		22.3		
06	08	64	22.0	HO	0005	36	57.4	76	25.2	21		4		*	*			14.0			R	23.14		*	V	0.05		22.3		
06	08	64	22.0	HO	0005	36	57.4	76	25.2	21		4		*	*			18.0						*	V	0.05		22.3		
06	08	64	22.0	HO	0005	36	57.4	76	25.2	21		4		*	*			20.0			R	23.24	F	00	V	0.10		22.3		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			00.0			R	22.86		77	Y	1.00		19.5		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			02.3			R	22.87		*		*		*		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			03.0						77	Y	0.75		19.5		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			04.6			R	22.85		*		*		*		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			05.8			R	22.84		*		*		*		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			06.9			R	22.85		*		*		*		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			06.0						77	Y	0.75		19.5		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			08.1			R	22.86		*		*		*		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			09.2						*		*		*		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			07.5						*		*		*		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			09.0						77	Y	0.68		19.6		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			10.5						77	Y	0.68		19.7		
06	08	64	19.0	BR	0005	36	58.8	76	20.3	18		*		*	*			12.0						77	Y	0.50		19.7		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			00.0			R	22.62	P	24	D	0.73		20.4		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			02.3			R	22.69		*		*		*		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			03.0						77	Y	0.60		20.4		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			04.6			R	22.68		*		*		*		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			05.8			R	22.75		*		*		*		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			06.9			R	22.72		*		*		*		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			06.0						77	Y	0.50		20.4		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			08.1			R	22.76		*		*		*		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			09.2						77	Y	0.50		20.3		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			07.5						77	Y	0.48		20.3		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			09.0						77	Y	0.45		20.3		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			10.5						77	Y	0.40		20.3		
06	08	64	20.0	BR	0005	36	58.8	76	20.3	18		*		*	*			12.0						77		*		*		
06	08	64	20.5	BR	0005	36	58.8	76	20.3	18		*		*	*			00.0			R	22.39	P	25	D	0.69		20.8		
06	08	64	20.5	BR	0005	36	58.8	76	20.3	18		*		*	*			03.0			R	22.56		25	Y	0.50		20.7		
06	08	64	20.5	BR	0005	36	58.8	76	20.3	18		*		*	*			06.0			R	22.69		25	Y	0.35		20.7		
06	08	64	20.5	BR	0005	36	58.8	76	20.3	18		*		*	*			07.5			R	22.73		25	Y	0.30		20.7		
06	08	64	20.5	BR	0005	36	58.8	76	20.3	18		*		*	*			09.0			R	22.75		25	Y	0.26		20.7		
06	08	64	20.5	BR	0005	36	58.8	76	20.3	18		*		*	*			10.5			R	22.79		25	Y	0.23		20.7		
06	08	64	20.5	BR	0005	36	58.8	76	20.3	18		*		*	*			12.0						25	Y	0.20		20.7		
06	08	64	21.0	BR	0005	36	58.8	76	20.3	18		*		*	*			00.0			R	22.32	P	26	D	0.51		21.3		
06	08	64	21.0	BR	0005	36	58.8	76	20.3	18		*		*	*			03.0			R	22.50		26	Y	0.45		21.3		
06	08	64	21.0	BR	0005	36	58.8	76	20.3	18		*		*	*			06.0			R	22.76		26	Y	0.27		21.2		
06	08	64	21.0	BR	0005	36	58.8	76	20.3	18		*		*	*			07.5			R	22.77		26	Y	0.25		21.2		
06	08	64	21.0	BR	0005	36	58.8	76	20.3	18		*		*	*			09.0			R	22.80		26	Y	0.15		21.2		
06	08	64	21.0	BR	0005	36	58.8	76	20.3	18		*		*	*			10.5			R	22.89		26	Y	0.17		21.2		
06	08	64	21.0	BR	0005	36	58.8	76	20.3	18		*		*	*			12.0						26	Y	0.19		21.2		
06	08	64	21.5	BR	0005	36	58.8	76	20.3	18		*		*	*			00.0			R	22.04		*		*		*		
06	08	64	21.5	BR	0005	36	58.8	76	20.3	18		*		*	*			03.0			R	22.38		*		*		*		
06	08	64	21.5	BR	0005	36	58.8	76	20.3	18		*		*	*			06.0			R	22.65		*		*		*		
06	08	64	22.4	BR	0005	36	58.8	76	20.3	18		*		*	*			00.0			R	22.32	P	02	D	0.00		22.4		
06	08	64	22.5	BR	0005	36	58.8	76	20.3	18		5		*	*			00.0			R	22.35	P	04	D	0.27		22.9		
06	08	64	22.5	BR	0005	36	58.8	76	20.3	18		5		*	*			03.0			R	22.44		66	Y	0.33		22.7		
06	08	64	22.5	BR	0005	36	58.8	76	20.3	18		5		*	*			06.0			R	22.52		66	Y	0.44		22.7		
06	08	64	22.5	BR	0005	36	58.8	76	20.3	18		5		*	*			07.5			R	22.67		66	Y	0.46		22.7		
06	08	64	22.5	BR	0005	36	58.8	76	20.3	18		5		*	*			09.0			R	22.76		66	Y	0.46		22.7		
06	08	64	22.5	BR	0005	36	58.8	76	20.3	18		5		*	*			10.5			R	22.94		66	Y	0.47		22.8		
06	08	64	22.5	BR	0005	36	58.8	76	20.3	18		5		*	*			12.0						66	Y	0.45		22.8		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
06	08	64	23.0	BR	0005	36	58.8	76	20.3	18		5		*	*			00.0			R	22.40	P	05	D	0.53	23.2	
06	08	64	23.0	BR	0005	36	58.8	76	20.3	18		5		*	*			03.0			R	22.56		66	Y	0.56	23.2	
06	08	64	23.0	BR	0005	36	58.8	76	20.3	18		5		*	*			06.0			R	22.66		66	Y	0.56	23.2	
06	08	64	23.0	BR	0005	36	58.8	76	20.3	18		5		*	*			07.5			R	22.75		66	Y	0.52	23.2	
06	08	64	23.0	BR	0005	36	58.8	76	20.3	18		5		*	*			09.0			R	22.82		66	Y	0.50	23.2	
06	08	64	23.0	BR	0005	36	58.8	76	20.3	18		5		*	*			10.5						66	Y	0.50	23.2	
06	08	64	23.0	BR	0005	36	58.8	76	20.3	18		5		*	*			12.0						66	Y	0.47	23.1	
06	08	64	23.5	BR	0005	36	58.8	76	20.3	18		*		*	*			00.0			R	22.57		*		*	*	
06	08	64	23.5	BR	0005	36	58.8	76	20.3	18		*		*	*			03.0			R	22.61		*		*	*	
06	08	64	23.5	BR	0005	36	58.8	76	20.3	18		*		*	*			06.0			R	22.71		*		*	*	
06	08	64	23.5	BR	0005	36	58.8	76	20.3	18		*		*	*			07.5			R	22.71		*		*	*	
06	08	64	23.5	BR	0005	36	58.8	76	20.3	18		*		*	*			09.0			R	22.73		*		*	*	
06	08	64	23.5	BR	0005	36	58.8	76	20.3	18		*		*	*			10.5			R	22.80		*		*	*	
07	08	64	00.0	BR	0005	36	58.8	76	20.3	18		7		*	*			00.0			R	22.86	P	05	D	0.45	*	
07	08	64	00.0	BR	0005	36	58.8	76	20.3	18		7		*	*			01.5			R	22.87		*	Y	0.75	*	
07	08	64	00.0	BR	0005	36	58.8	76	20.3	18		7		*	*			03.0			R	22.89		*	Y	0.63	*	
07	08	64	00.0	BR	0005	36	58.8	76	20.3	18		7		*	*			04.5			R	22.91		*	Y	0.68	*	
07	08	64	00.0	BR	0005	36	58.8	76	20.3	18		7		*	*			06.0			R	22.92		*	Y	0.75	*	
07	08	64	00.0	BR	0005	36	58.8	76	20.3	18		7		*	*			07.5						*	Y	0.78	*	
07	08	64	00.0	BR	0005	36	58.8	76	20.3	18		7		*	*			09.0						*	Y	0.73	*	
07	08	64	01.0	BR	0005	36	58.8	76	20.3	18		7		*	*			00.0			R	23.06	P	06	D	0.68	*	
07	08	64	01.0	BR	0005	36	58.8	76	20.3	18		7		*	*			03.0			R	23.07		*		*	*	
07	08	64	01.0	BR	0005	36	58.8	76	20.3	18		7		*	*			06.0			R	23.12		*	Y	0.68	*	
07	08	64	01.0	BR	0005	36	58.8	76	20.3	18		7		*	*			09.0			R	23.13		*	Y	0.63	*	
07	08	64	01.0	BR	0005	36	58.8	76	20.3	18		7		*	*			12.0						*	Y	0.63	*	
07	08	64	01.0	BR	0005	36	58.8	76	20.3	18		7		*	*			15.0						*	Y	0.63	*	
07	08	64	01.5	BR	0005	36	58.8	76	20.3	18		7		*	*			00.0			R	23.23	P	06	D	0.63	*	
07	08	64	01.5	BR	0005	36	58.8	76	20.3	18		7		*	*			03.0			R	23.25		*	Y	0.63	*	
07	08	64	01.5	BR	0005	36	58.8	76	20.3	18		7		*	*			06.0			R	23.24		*	Y	0.60	*	
07	08	64	01.5	BR	0005	36	58.8	76	20.3	18		7		*	*			09.0			R	23.24		*	Y	0.58	*	
07	08	64	01.5	BR	0005	36	58.8	76	20.3	18		7		*	*			12.0			R	23.23		*	Y	0.55	*	
07	08	64	01.5	BR	0005	36	58.8	76	20.3	18		7		*	*			15.0			R	23.25		*		*	*	
07	08	64	02.0	BR	0005	36	58.8	76	20.3	18		7		*	*			00.0			R	23.17	P	05	D	0.63	*	
07	08	64	02.0	BR	0005	36	58.8	76	20.3	18		7		*	*			03.0			R	23.19		*	Y	0.65	*	
07	08	64	02.0	BR	0005	36	58.8	76	20.3	18		7		*	*			06.0			R	23.21		*	Y	0.63	*	
07	08	64	02.0	BR	0005	36	58.8	76	20.3	18		7		*	*			09.0			R	23.20		*	Y	0.53	*	
07	08	64	02.0	BR	0005	36	58.8	76	20.3	18		7		*	*			12.0			R	23.22		*	Y	0.50	*	
07	08	64	02.0	BR	0005	36	58.8	76	20.3	18		7		*	*			15.0			R	23.20		*	Y	0.42	*	
07	08	64	02.5	BR	0005	36	58.8	76	20.3	18		7		*	*			00.0					P	06	D	0.43	*	
07	08	64	02.5	BR	0005	36	58.8	76	20.3	18		7		*	*			03.0			R	23.07		*	Y	0.40	*	
07	08	64	02.5	BR	0005	36	58.8	76	20.3	18		7		*	*			06.0			R	23.12		*	Y	0.37	*	
07	08	64	02.5	BR	0005	36	58.8	76	20.3	18		7		*	*			09.0			R	23.12		*	Y	0.17	*	
07	08	64	02.5	BR	0005	36	58.8	76	20.3	18		7		*	*			12.0			R	23.14		*	Y	0.19	*	
07	08	64	02.5	BR	0005	36	58.8	76	20.3	18		7		*	*			15.0			R	23.14		*	Y	0.23	*	
07	08	64	03.0	BR	0005	36	58.8	76	20.3	18		7		*	*			00.0			R	22.99	P	06	D	0.28	*	
07	08	64	03.0	BR	0005	36	58.8	76	20.3	18		7		*	*			03.0			R	23.07		*	Y	0.20	*	
07	08	64	03.0	BR	0005	36	58.8	76	20.3	18		7		*	*			06.0			R	23.08		*	Y	0.13	*	
07	08	64	03.0	BR	0005	36	58.8	76	20.3	18		7		*	*			09.0			R	23.13		*	Y	0.15	*	
07	08	64	03.0	BR	0005	36	58.8	76	20.3	18		7		*	*			12.0			R	23.13		*	Y	0.15	*	
07	08	64	03.0	BR	0005	36	58.8	76	20.3	18		7		*	*			15.0			R	23.14		*		*	*	
07	08	64	03.5	BR	0005	36	58.8	76	20.3	18		7		*	*			00.0			R	22.99	D	03	D	0.08	*	
07	08	64	03.5	BR	0005	36	58.8	76	20.3	18		7		*	*			03.0			R	23.08		*	Y	0.10	*	
07	08	64	03.5	BR	0005	36	58.8	76	20.3	18		7		*	*			06.0			R	23.08		*	Y	0.15	*	
07	08	64	03.5	BR	0005	36	58.8	76	20.3	18		7		*	*			09.0			R	23.09		*	Y	0.10	*	
07	08	64	03.5	BR	0005	36	58.8	76	20.3	18		7		*	*			12.0			R	23.08		*	Y	0.10	*	
07	08	64	03.5	BR	0005	36	58.8	76	20.3	18		7		*	*			15.0			R	23.08		*		*	*	
07	08	64	04.0	BR	0005	36	58.8	76	20.3	18		1		*	*			00.0			R	23.03	P	28	D	0.13	*	
07	08	64	04.0	BR	0005	36	58.8	76	20.3	18		1		*	*			03.0			R	23.03		*	Y	0.12	*	
07	08	64	04.0	BR	0005	36	58.8	76	20.3	18		1		*	*			06.0			R	23.03		*	Y	0.10	*	
07	08	64	04.0	BR	0005	36	58.8	76	20.3	18		1		*	*			09.0			R	23.04		*	Y	0.15	*	
07	08	64	04.0	BR	0005	36	58.8	76	20.3	18		1		*	*			12.0			R	23.06		*	Y	0.16	*	
07	08	64	04.0	BR	0005	36	58.8	76	20.3	18		1		*	*			15.0			R	23.10		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
07	08	64	04.5	BR	0005	36	58.8	76	20.3	18		1		*	*			00.0			R	23.01	P	25	D	0.70	*		
07	08	64	04.5	BR	0005	36	58.8	76	20.3	18		1		*	*			03.0			R	23.01		*	Y	0.70	*		
07	08	64	04.5	BR	0005	36	58.8	76	20.3	18		1		*	*			06.0			R	23.05		*	Y	0.75	*		
07	08	64	04.5	BR	0005	36	58.8	76	20.3	18		1		*	*			09.0			R	23.05		*	Y	0.78	*		
07	08	64	04.5	BR	0005	36	58.8	76	20.3	18		1		*	*			12.0			R	23.07		*	Y	0.80	*		
07	08	64	04.5	BR	0005	36	58.8	76	20.3	18		1		*	*			15.0			R	23.10		*		*	*		
07	08	64	05.0	BR	0005	36	58.8	76	20.3	18		*		*	*			00.0					P	27	D	0.30	*		
07	08	64	05.0	BR	0005	36	58.8	76	20.3	18		*		*	*			03.0						*	Y	0.32	*		
07	08	64	05.0	BR	0005	36	58.8	76	20.3	18		*		*	*			06.0						*	Y	0.45	*		
07	08	64	05.0	BR	0005	36	58.8	76	20.3	18		*		*	*			09.0						*	Y	0.45	*		
07	08	64	05.0	BR	0005	36	58.8	76	20.3	18		*		*	*			12.0						*	Y	0.45	*		
07	08	64	05.5	BR	0005	36	58.8	76	20.3	18		*		*	*			00.0					P	25	D	0.43	*		
07	08	64	05.5	BR	0005	36	58.8	76	20.3	18		*		*	*			03.0						*	Y	0.50	*		
07	08	64	05.5	BR	0005	36	58.8	76	20.3	18		*		*	*			06.0						*	Y	0.60	*		
07	08	64	05.5	BR	0005	36	58.8	76	20.3	18		*		*	*			09.0						*	Y	0.50	*		
07	08	64	05.5	BR	0005	36	58.8	76	20.3	18		*		*	*			12.0						*	Y	0.37	*		
07	08	64	06.0	BR	0005	36	58.8	76	20.3	18		*		*	*			00.0					P	24	D	0.50	*		
07	08	64	06.0	BR	0005	36	58.8	76	20.3	18		*		*	*			03.0						*	Y	0.50	*		
07	08	64	06.0	BR	0005	36	58.8	76	20.3	18		*		*	*			06.0						*	Y	0.65	*		
07	08	64	06.0	BR	0005	36	58.8	76	20.3	18		*		*	*			09.0						*	Y	0.65	*		
07	08	64	06.0	BR	0005	36	58.8	76	20.3	18		*		*	*			12.0						*	Y	0.50	*		
07	08	64	06.5	BR	0005	36	58.8	76	20.3	18		*		*	*			00.0					P	23	D	0.88	*		
07	08	64	06.5	BR	0005	36	58.8	76	20.3	18		*		*	*			03.0						*	Y	0.80	*		
07	08	64	06.5	BR	0005	36	58.8	76	20.3	18		*		*	*			06.0						*	Y	0.75	*		
07	08	64	06.5	BR	0005	36	58.8	76	20.3	18		*		*	*			09.0						*	Y	0.75	*		
07	08	64	06.5	BR	0005	36	58.8	76	20.3	18		*		*	*			12.0						*	Y	0.63	*		
07	08	64	07.0	BR	0005	36	58.8	76	20.3	18		2		*	*			00.0					P	24	D	0.88	*		
07	08	64	07.0	BR	0005	36	58.8	76	20.3	18		2		*	*			03.0						*	Y	0.83	*		
07	08	64	07.0	BR	0005	36	58.8	76	20.3	18		2		*	*			06.0						*	Y	0.75	*		
07	08	64	07.0	BR	0005	36	58.8	76	20.3	18		2		*	*			09.0						*	Y	0.70	*		
07	08	64	07.0	BR	0005	36	58.8	76	20.3	18		2		*	*			12.0						*	Y	0.55	*		
07	08	64	07.5	BR	0005	36	58.8	76	20.3	18		1		*	*			00.0					P	24	D	0.90	*		
07	08	64	07.5	BR	0005	36	58.8	76	20.3	18		1		*	*			03.0						*	Y	0.88	*		
07	08	64	07.5	BR	0005	36	58.8	76	20.3	18		1		*	*			06.0						*	Y	0.75	*		
07	08	64	07.5	BR	0005	36	58.8	76	20.3	18		1		*	*			09.0						*	Y	0.65	*		
07	08	64	07.5	BR	0005	36	58.8	76	20.3	18		1		*	*			12.0						*	Y	0.55	*		
07	08	64	08.0	BR	0005	36	58.8	76	20.3	18		2		*	*			00.0					P	24	D	0.90	*		
07	08	64	08.0	BR	0005	36	58.8	76	20.3	18		2		*	*			03.0						*	Y	0.75	*		
07	08	64	08.0	BR	0005	36	58.8	76	20.3	18		2		*	*			06.0						*	Y	0.63	*		
07	08	64	08.0	BR	0005	36	58.8	76	20.3	18		2		*	*			09.0						*	Y	0.60	*		
07	08	64	08.0	BR	0005	36	58.8	76	20.3	18		2		*	*			12.0						*	Y	0.55	*		
07	08	64	08.5	BR	0005	36	58.8	76	20.3	18		3		*	*			00.0					P	25	D	0.70	*		
07	08	64	08.5	BR	0005	36	58.8	76	20.3	18		3		*	*			03.0						*	Y	0.60	*		
07	08	64	08.5	BR	0005	36	58.8	76	20.3	18		3		*	*			06.0						*	Y	0.55	*		
07	08	64	08.5	BR	0005	36	58.8	76	20.3	18		3		*	*			09.0						*	Y	0.37	*		
07	08	64	08.5	BR	0005	36	58.8	76	20.3	18		3		*	*			12.0						*	Y	0.48	*		
07	08	64	09.0	BR	0005	36	58.8	76	20.3	18		3		*	*			00.0					P	24	D	0.55	*		
07	08	64	09.0	BR	0005	36	58.8	76	20.3	18		3		*	*			03.0						*	Y	0.25	*		
07	08	64	09.0	BR	0005	36	58.8	76	20.3	18		3		*	*			06.0						*	Y	0.25	*		
07	08	64	09.0	BR	0005	36	58.8	76	20.3	18		3		*	*			09.0						*	Y	0.15	*		
07	08	64	09.0	BR	0005	36	58.8	76	20.3	18		3		*	*			12.0						*	Y	0.25	*		
07	08	64	09.5	BR	0005	36	58.8	76	20.3	18		3		*	*			00.0					P	25	D	0.30	*		
07	08	64	09.5	BR	0005	36	58.8	76	20.3	18		3		*	*			03.0						*	Y	0.19	*		
07	08	64	09.5	BR	0005	36	58.8	76	20.3	18		3		*	*			06.0						*	Y	0.16	*		
07	08	64	09.5	BR	0005	36	58.8	76	20.3	18		3		*	*			09.0						*	Y	0.20	*		
07	08	64	09.5	BR	0005	36	58.8	76	20.3	18		3		*	*			12.0						*	Y	0.17	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
07	08	64	10.0	BR	0005	36	58.8	76	20.3	18		4		*	*			00.0					P	00	D	0.00	*		
07	08	64	10.0	BR	0005	36	58.8	76	20.3	18		4		*	*			03.0						*	Y	0.15	*		
07	08	64	10.0	BR	0005	36	58.8	76	20.3	18		4		*	*			06.0						*	Y	0.15	*		
07	08	64	10.0	BR	0005	36	58.8	76	20.3	18		4		*	*			09.0						*	Y	0.10	*		
07	08	64	10.0	BR	0005	36	58.8	76	20.3	18		4		*	*			12.0						*	Y	0.10	*		
07	08	64	10.5	BR	0005	36	58.8	76	20.3	18		5		*	*			00.0					P	00	D	0.14	*		
07	08	64	10.5	BR	0005	36	58.8	76	20.3	18		5		*	*			03.0						*	Y	0.29	*		
07	08	64	10.5	BR	0005	36	58.8	76	20.3	18		5		*	*			06.0						*	Y	0.26	*		
07	08	64	10.5	BR	0005	36	58.8	76	20.3	18		5		*	*			09.0						*	Y	0.20	*		
07	08	64	10.5	BR	0005	36	58.8	76	20.3	18		5		*	*			12.0						*	Y	0.20	*		
07	08	64	11.0	BR	0005	36	58.8	76	20.3	18		5		*	*			00.0					P	06	D	0.70	*		
07	08	64	11.0	BR	0005	36	58.8	76	20.3	18		5		*	*			03.0						*	Y	0.90	*		
07	08	64	11.0	BR	0005	36	58.8	76	20.3	18		5		*	*			06.0						*	Y	0.80	*		
07	08	64	11.0	BR	0005	36	58.8	76	20.3	18		5		*	*			09.0						*	Y	0.75	*		
07	08	64	11.0	BR	0005	36	58.8	76	20.3	18		5		*	*			12.0						*	Y	0.80	*		
06	08	64	22.7	HO	0005	36	57.4	76	25.1	20		5		*	*			00.0			R	22.87	D	11	D	0.25	22.6		
06	08	64	22.7	HO	0005	36	57.4	76	25.1	20		5		*	*			04.0			R	22.89		*	V	0.28	22.8		
06	08	64	22.7	HO	0005	36	57.4	76	25.1	20		5		*	*			08.0			R	22.97		*	V	0.29	22.8		
06	08	64	22.7	HO	0005	36	57.4	76	25.1	20		5		*	*			10.0			R	23.02	F	10	V	0.25	22.8		
06	08	64	22.7	HO	0005	36	57.4	76	25.1	20		5		*	*			12.0			R	23.05		*	V	0.24	22.8		
06	08	64	22.7	HO	0005	36	57.4	76	25.1	20		5		*	*			14.0			R	23.11		*	V	0.21	22.8		
06	08	64	22.7	HO	0005	36	57.4	76	25.1	20		5		*	*			18.0						*	V	0.11	22.8		
06	08	64	22.7	HO	0005	36	57.4	76	25.1	20		5		*	*			20.0			R	23.24	F	10	V	0.15	*		
06	08	64	23.0	HO	0005	36	57.4	76	25.1	20		5		*	*			00.0			R	22.82	D	11	D	0.36	23.0		
06	08	64	23.0	HO	0005	36	57.4	76	25.1	20		5		*	*			04.0						*	V	0.46	23.2		
06	08	64	23.0	HO	0005	36	57.4	76	25.1	20		5		*	*			08.0			R	22.98		*	V	0.40	23.2		
06	08	64	23.0	HO	0005	36	57.4	76	25.1	20		5		*	*			10.0						*	V	0.40	23.2		
06	08	64	23.0	HO	0005	36	57.4	76	25.1	20		5		*	*			12.0						*	V	0.36	23.2		
06	08	64	23.0	HO	0005	36	57.4	76	25.1	20		5		*	*			14.0			R	23.12		*	V	0.38	23.3		
06	08	64	23.0	HO	0005	36	57.4	76	25.1	20		5		*	*			18.0						*	V	0.24	23.3		
06	08	64	23.0	HO	0005	36	57.4	76	25.1	20		5		*	*			20.0			R	23.18	F	11	V	0.24	*		
06	08	64	23.5	HO	0005	36	57.4	76	25.1	20		5		*	*			00.0			R	22.16	D	14	D	0.56	23.5		
06	08	64	23.5	HO	0005	36	57.4	76	25.1	20		5		*	*			04.0						*	V	0.51	23.7		
06	08	64	23.5	HO	0005	36	57.4	76	25.1	20		5		*	*			08.0			R	22.85		*	V	0.65	23.7		
06	08	64	23.5	HO	0005	36	57.4	76	25.1	20		5		*	*			10.0						*	V	0.55	23.7		
06	08	64	23.5	HO	0005	36	57.4	76	25.1	20		5		*	*			12.0						*	V	0.48	23.7		
06	08	64	23.5	HO	0005	36	57.4	76	25.1	20		5		*	*			14.0			R	22.92		*	V	0.48	23.7		
06	08	64	23.5	HO	0005	36	57.4	76	25.1	20		5		*	*			18.0						*	V	0.33	23.7		
06	08	64	23.5	HO	0005	36	57.4	76	25.1	20		5		*	*			20.0			R	23.13		*	V	0.25	23.7		
07	08	64	00.0	HO	0005	36	57.4	76	25.1	18		6		*	*			00.0					D	13	D	0.62	00.0		
07	08	64	00.0	HO	0005	36	57.4	76	25.1	18		6		*	*			04.0						*	V	0.74	00.1		
07	08	64	00.0	HO	0005	36	57.4	76	25.1	18		6		*	*			08.0						*	V	0.73	00.1		
07	08	64	00.0	HO	0005	36	57.4	76	25.1	18		6		*	*			10.0						*	V	0.60	00.1		
07	08	64	00.0	HO	0005	36	57.4	76	25.1	18		6		*	*			12.0						*	V	0.50	00.1		
07	08	64	00.0	HO	0005	36	57.4	76	25.1	18		6		*	*			14.0						*	V	0.50	00.1		
07	08	64	00.0	HO	0005	36	57.4	76	25.1	18		6		*	*			18.0						*	V	0.40	00.1		
07	08	64	01.0	HO	0005	36	57.4	76	25.1	20		6		*	*			00.0			R	20.97	P	13	D	1.52	01.5		
07	08	64	01.6	HO	0005	36	57.4	76	25.1	20		6		*	*			00.0			R	21.60	D	13	D	1.52	01.7		
07	08	64	01.6	HO	0005	36	57.4	76	25.1	20		6		*	*			02.0						*	W	1.25	*		
07	08	64	01.6	HO	0005	36	57.4	76	25.1	20		6		*	*			04.0						*	W	1.00	*		
07	08	64	02.0	HO	0005	36	57.4	76	25.1	20		6		*	*			00.0			R	21.50	D	13	D	1.21	02.3		
07	08	64	02.0	HO	0005	36	57.4	76	25.1	20		6		*	*			04.0						*	W	0.90	02.3		
07	08	64	02.0	HO	0005	36	57.4	76	25.1	20		6		*	*			06.0						*	W	0.80	02.3		
07	08	64	02.0	HO	0005	36	57.4	76	25.1	20		6		*	*			08.0						*	W	0.75	02.3		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
07	08	64	02.5	HO	0005	36	57.4	76	25.1	20		6		*	*			00.0			R	20.78	D	13	D	1.35	02.8		
07	08	64	02.5	HO	0005	36	57.4	76	25.1	20		6		*	*			02.0						*	W	1.00	02.8		
07	08	64	02.5	HO	0005	36	57.4	76	25.1	20		6		*	*			04.0						*	W	0.75	02.8		
07	08	64	02.5	HO	0005	36	57.4	76	25.1	20		6		*	*			06.0						*	W	0.75	02.8		
07	08	64	02.5	HO	0005	36	57.4	76	25.1	20		6		*	*			08.0						*	W	0.75	02.8		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			00.0			R	21.01	D	13	D	0.90	03.0		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			00.5			R	21.54		*		*	*		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			00.6						*		*	*		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			00.8						*		*	*		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			01.3			R	21.30		*		*	*		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			01.6						*		*	*		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			01.9						*		*	*		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			02.0						*	W	0.85	03.0		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			04.0						*	W	0.75	03.1		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			06.0						*	W	0.65	03.0		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			08.0						*	W	0.65	03.1		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			10.0						*	W	0.55	03.1		
07	08	64	03.0	HO	0005	36	57.4	76	25.1	20		7		*	*			20.0						*	W	0.35	03.1		
07	08	64	03.5	HO	0005	36	57.4	76	25.1	20		7		*	*			00.0						*	W	0.75	03.5		
07	08	64	03.5	HO	0005	36	57.4	76	25.1	20		7		*	*			00.2			R	21.33	D	13	D	0.95	03.8		
07	08	64	03.5	HO	0005	36	57.4	76	25.1	20		7		*	*			02.0						*	W	0.70	03.5		
07	08	64	03.5	HO	0005	36	57.4	76	25.1	20		7		*	*			04.0						*	W	0.63	03.5		
07	08	64	03.5	HO	0005	36	57.4	76	25.1	20		7		*	*			06.0						*	W	0.55	03.6		
07	08	64	03.5	HO	0005	36	57.4	76	25.1	20		7		*	*			08.0						*	W	0.49	03.6		
07	08	64	03.5	HO	0005	36	57.4	76	25.1	20		7		*	*			10.0						*	W	0.40	03.7		
07	08	64	03.5	HO	0005	36	57.4	76	25.1	20		7		*	*			20.0						*	W	0.25	03.7		
07	08	64	04.0	HO	0005	36	57.4	76	25.1	20		7		*	*			00.0			R	21.54	D	13	D	0.89	*		
07	08	64	04.0	HO	0005	36	57.4	76	25.1	20		7		*	*			02.0						*	W	0.65	*		
07	08	64	04.0	HO	0005	36	57.4	76	25.1	20		7		*	*			03.0						*	W	0.50	*		
07	08	64	04.0	HO	0005	36	57.4	76	25.1	20		7		*	*			04.0						*	W	0.45	*		
07	08	64	04.0	HO	0005	36	57.4	76	25.1	20		7		*	*			06.0						*	W	0.35	*		
07	08	64	04.0	HO	0005	36	57.4	76	25.1	20		7		*	*			08.0						*	W	0.30	*		
07	08	64	04.0	HO	0005	36	57.4	76	25.1	20		7		*	*			10.0						*	W	0.20	*		
07	08	64	04.0	HO	0005	36	57.4	76	25.1	20		7		*	*			12.0						*	W	0.15	*		
07	08	64	04.0	HO	0005	36	57.4	76	25.1	20		7		*	*			14.0						*	W	0.15	*		
07	08	64	04.0	HO	0005	36	57.4	76	25.1	20		7		*	*			16.0						*	W	0.35	*		
07	08	64	04.0	HO	0005	36	57.4	76	25.1	20		7		*	*			20.0						*	W	0.25	*		
07	08	64	04.5	HO	0005	36	57.4	76	25.1	20		7		*	*			00.0			R	20.50	D	14	D	0.38	04.5		
07	08	64	04.5	HO	0005	36	57.4	76	25.1	20		7		*	*			04.0			R	21.10		*		*	*		
07	08	64	04.5	HO	0005	36	57.4	76	25.1	20		7		*	*			08.0			R	21.56		*		*	*		
07	08	64	04.5	HO	0005	36	57.4	76	25.1	20		7		*	*			12.0			R	21.74		*		*	*		
07	08	64	04.5	HO	0005	36	57.4	76	25.1	20		7		*	*			16.0			R	22.04		*	W	0.00	04.5		
07	08	64	04.5	HO	0005	36	57.4	76	25.1	20		7		*	*			20.0						*	W	0.05	*		
07	08	64	05.0	HO	0005	36	57.4	76	25.1	20		8		*	*			00.0			R	22.05	D	14	D	0.17	*		
07	08	64	05.0	HO	0005	36	57.4	76	25.1	20		8		*	*			02.0			R	21.92		*		*	*		
07	08	64	05.0	HO	0005	36	57.4	76	25.1	20		8		*	*			04.0			R	21.73		*		*	*		
07	08	64	05.0	HO	0005	36	57.4	76	25.1	20		8		*	*			06.0			R	21.69		*		*	*		
07	08	64	05.0	HO	0005	36	57.4	76	25.1	20		8		*	*			08.0			R	21.68		*		*	*		
07	08	64	05.0	HO	0005	36	57.4	76	25.1	20		8		*	*			10.0			R	21.53		*		*	*		
07	08	64	05.0	HO	0005	36	57.4	76	25.1	20		8		*	*			12.0			R	20.96		*		*	*		
07	08	64	05.0	HO	0005	36	57.4	76	25.1	20		8		*	*			14.0			R	20.18		*		*	*		
07	08	64	05.5	HO	0005	36	57.4	76	25.1	20		8		*	*	1.0		00.0			R	20.19	D	33	D	0.25	*		
07	08	64	05.5	HO	0005	36	57.4	76	25.1	20		8		*	*	1.0		02.0			R	21.21		*		*	*		
07	08	64	05.5	HO	0005	36	57.4	76	25.1	20		8		*	*	1.0		04.0			R	21.61		*		*	*		
07	08	64	05.5	HO	0005	36	57.4	76	25.1	20		8		*	*	1.0		08.0			R	21.72		*		*	*		
07	08	64	05.5	HO	0005	36	57.4	76	25.1	20		8		*	*	1.0		12.0			R	21.77		*		*	*		
07	08	64	05.5	HO	0005	36	57.4	76	25.1	20		8		*	*	1.0		14.0			R	21.91		*		*	*		
07	08	64	05.5	HO	0005	36	57.4	76	25.1	20		8		*	*	1.0		18.0			R	22.20		*		*	*		
07	08	64	06.0	HO	0005	36	57.4	76	25.1	20		1		*	*			00.0			R	21.62	D	33	D	0.78	06.3		
07	08	64	06.0	HO	0005	36	57.4	76	25.1	20		1		*	*			02.0			R	21.74		*		*	*		
07	08	64	06.0	HO	0005	36	57.4	76	25.1	20		1		*	*			04.0			R	21.93		*		*	*		
07	08	64	06.0	HO	0005	36	57.4	76	25.1	20		1		*	*			08.0			R	22.24		*		*	*		
07	08	64	06.0	HO	0005	36	57.4	76	25.1	20		1		*	*			10.0			R	22.43		*		*	*		
07	08	64	06.0	HO	0005	36	57.4	76	25.1	20		1		*	*			12.0			R	22.51		*		*	*		
07	08	64	06.0	HO	0005	36	57.4	76	25.1	20		1		*	*			14.0			R	22.59		*		*	*		
07	08	64	06.0	HO	0005	36	57.4	76	25.1	20		1		*	*			18.0			R	22.63		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
07	08	64	06.5	HO	0005	36	57.4	76	25.1	20		1		*	*			00.0			R	22.57	D	32	D	1.12	06.5		
07	08	64	06.5	HO	0005	36	57.4	76	25.1	20		1		*	*			01.3			R	22.59		*		*	*		
07	08	64	06.5	HO	0005	36	57.4	76	25.1	20		1		*	*			01.9			R	22.62		*		*	*		
07	08	64	06.5	HO	0005	36	57.4	76	25.1	20		1		*	*			03.9			R	22.63		*		*	*		
07	08	64	06.5	HO	0005	36	57.4	76	25.1	20		1		*	*			05.1			R	22.65		*		*	*		
07	08	64	07.0	HO	0005	36	57.4	76	25.1	20		1		*	*			00.0					D	32	D	1.12	07.0		
07	08	64	07.5	HO	0005	36	57.4	76	25.1	20		1		*	*			00.0			R	22.73	D	31	D	1.41	07.7		
07	08	64	07.5	HO	0005	36	57.4	76	25.1	20		1		*	*			01.9			R	22.81		*		*	*		
07	08	64	07.5	HO	0005	36	57.4	76	25.1	20		1		*	*			02.0			R	22.81		*		*	*		
07	08	64	07.5	HO	0005	36	57.4	76	25.1	20		1		*	*			02.5			R	22.77		*		*	*		
07	08	64	07.5	HO	0005	36	57.4	76	25.1	20		1		*	*			02.5			R	22.79		*		*	*		
07	08	64	07.5	HO	0005	36	57.4	76	25.1	20		1		*	*			04.0						*		*	*		
07	08	64	07.5	HO	0005	36	57.4	76	25.1	20		1		*	*			05.1			R	22.79		*		*	*		
07	08	64	07.5	HO	0005	36	57.4	76	25.1	20		1		*	*			06.4			R	22.78		*		*	*		
07	08	64	07.5	HO	0005	36	57.4	76	25.1	20		1		*	*			08.0						*		*	*		
07	08	64	07.5	HO	0005	36	57.4	76	25.1	20		1		*	*			14.0						*		*	*		
07	08	64	07.5	HO	0005	36	57.4	76	25.1	20		1		*	*			18.0						*		*	*		
07	08	64	08.0	HO	0005	36	57.4	76	25.1	20		2		*	*			00.0			R	22.90	D	31	D	1.10	08.0		
07	08	64	08.0	HO	0005	36	57.4	76	25.1	20		2		*	*			02.0			R	22.89		*		*	*		
07	08	64	08.0	HO	0005	36	57.4	76	25.1	20		2		*	*			04.0			R	22.91		*		*	*		
07	08	64	08.0	HO	0005	36	57.4	76	25.1	20		2		*	*			08.0			R	22.97		*		*	*		
07	08	64	08.0	HO	0005	36	57.4	76	25.1	20		2		*	*			12.0			R	22.95		*		*	*		
07	08	64	08.0	HO	0005	36	57.4	76	25.1	20		2		*	*			14.0			R	22.96		*		*	*		
07	08	64	08.0	HO	0005	36	57.4	76	25.1	20		2		*	*			18.0			R	22.96		*		*	*		
07	08	64	08.5	HO	0005	36	57.4	76	25.1	20		2		*	*			00.0			R	22.98	D	31	D	0.76	*		
07	08	64	08.5	HO	0005	36	57.4	76	25.1	20		2		*	*			02.0			R	22.98		*		*	*		
07	08	64	08.5	HO	0005	36	57.4	76	25.1	20		2		*	*			04.0			R	22.97		*		*	*		
07	08	64	08.5	HO	0005	36	57.4	76	25.1	20		2		*	*			08.0			R	23.00		*		*	*		
07	08	64	08.5	HO	0005	36	57.4	76	25.1	20		2		*	*			12.0			R	22.96		*		*	*		
07	08	64	08.5	HO	0005	36	57.4	76	25.1	20		2		*	*			14.0			R	22.98		*		*	*		
07	08	64	08.5	HO	0005	36	57.4	76	25.1	20		2		*	*			18.0			R	22.98		*		*	*		
07	08	64	09.0	HO	0005	36	57.4	76	25.1	20		3		*	*			00.0			R	22.97	D	32	D	0.84	*		
07	08	64	09.0	HO	0005	36	57.4	76	25.1	20		3		*	*			02.0			R	22.97		*		*	*		
07	08	64	09.0	HO	0005	36	57.4	76	25.1	20		3		*	*			04.0			R	22.97		*		*	*		
07	08	64	09.0	HO	0005	36	57.4	76	25.1	20		3		*	*			08.0			R	22.98		*		*	*		
07	08	64	09.0	HO	0005	36	57.4	76	25.1	20		3		*	*			12.0			R	22.98		*		*	*		
07	08	64	09.0	HO	0005	36	57.4	76	25.1	20		3		*	*			14.0			R	22.98		*		*	*		
07	08	64	09.0	HO	0005	36	57.4	76	25.1	20		3		*	*			18.0			R	22.98		*		*	*		
07	08	64	09.5	HO	0005	36	57.4	76	25.1	20		3		*	*			00.0			R	22.57	D	35	D	0.46	09.6		
07	08	64	09.5	HO	0005	36	57.4	76	25.1	20		3		*	*			02.0			R	22.82		*		*	*		
07	08	64	09.5	HO	0005	36	57.4	76	25.1	20		3		*	*			04.0			R	22.80		*		*	*		
07	08	64	09.5	HO	0005	36	57.4	76	25.1	20		3		*	*			08.0			R	22.92		*		*	*		
07	08	64	09.5	HO	0005	36	57.4	76	25.1	20		3		*	*			12.0			R	22.96		*		*	*		
07	08	64	09.5	HO	0005	36	57.4	76	25.1	20		3		*	*			14.0			R	22.98		*		*	*		
07	08	64	09.5	HO	0005	36	57.4	76	25.1	20		3		*	*			18.0			R	23.02		*		*	*		

Cruise 0006

Stations:

2
9
12
18
27
22
18
25

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
13	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			00.0			R	22.42		*	V	0.25	20.5	
13	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			02.0			R	22.64		*	V	0.20	20.6	
13	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			04.0			R	22.73		*	V	0.20	20.6	
13	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			06.0			R	22.74		*	V	0.15	20.6	
13	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			08.0			R	22.77		*	V	0.10	20.6	
13	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			10.0			R	22.86		*	V	0.05	20.6	
13	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			12.0						*	V	0.02	20.6	
13	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			14.0			R	22.99		*		*	20.8	
13	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			16.0			R	23.00		*		*	20.8	
13	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			18.0			R	23.03		*		*	20.8	
13	08	64	21.0	BR	0006	36	58.8	76	20.5	18		8			*			00.0			R	22.38	D	02	V	0.10	21.1	
13	08	64	21.0	BR	0006	36	58.8	76	20.5	18		8			*			02.0			R	22.44		*	V	0.10	21.1	
13	08	64	21.0	BR	0006	36	58.8	76	20.5	18		8			*			04.0			R	22.59		*	V	0.12	21.1	
13	08	64	21.0	BR	0006	36	58.8	76	20.5	18		8			*			06.0			R	22.63		*	V	0.12	21.1	
13	08	64	21.0	BR	0006	36	58.8	76	20.5	18		8			*			08.0			R	22.60		*	V	0.06	21.1	
13	08	64	21.0	BR	0006	36	58.8	76	20.5	18		8			*			10.0			R	22.78		*	V	0.05	21.1	
13	08	64	21.0	BR	0006	36	58.8	76	20.5	18		8			*			12.0						*	V	0.05	21.1	
13	08	64	21.0	BR	0006	36	58.8	76	20.5	18		8			*			14.0			R	22.91		*		*	21.3	
13	08	64	21.0	BR	0006	36	58.8	76	20.5	18		8			*			16.0			R	23.02		*		*	21.3	
13	08	64	21.0	BR	0006	36	58.8	76	20.5	18		8			*			18.0			R	23.03		*		*	21.3	
13	08	64	21.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.37	D	00	V	0.05	21.6	
13	08	64	21.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.38		*	V	0.07	21.6	
13	08	64	21.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.42		*	V	0.09	21.6	
13	08	64	21.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.49		*	V	0.10	21.6	
13	08	64	21.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.50		*	V	0.05	21.6	
13	08	64	21.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	22.65		*	V	0.06	21.6	
13	08	64	21.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.10	21.6	
13	08	64	21.5	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	22.92		*		*	*	
13	08	64	21.5	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	23.03		*		*	*	
13	08	64	21.5	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	23.03		*		*	*	
13	08	64	22.4	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	21.76	D	00	V	0.10	22.4	
13	08	64	22.4	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	21.72		*	V	0.24	22.4	
13	08	64	22.4	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.10		*	V	0.15	22.4	
13	08	64	22.4	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.18		*	V	0.12	22.4	
13	08	64	22.4	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.33		*	V	0.10	22.4	
13	08	64	22.4	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	22.45		*	V	0.16	22.4	
13	08	64	22.4	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.22	22.4	
13	08	64	22.4	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	22.64		*		*	*	
13	08	64	22.4	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	22.75		*		*	*	
13	08	64	22.4	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	22.84		*		*	*	
13	08	64	23.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.25	D	30	V	0.05	23.0	
13	08	64	23.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.32		*	V	0.17	23.0	
13	08	64	23.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.34		*	V	0.17	23.0	
13	08	64	23.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0						*	V	0.27	23.0	
13	08	64	23.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.61		*	V	0.33	23.0	
13	08	64	23.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	22.79		*	V	0.36	23.0	
13	08	64	23.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	22.82		*	V	0.32	23.0	
13	08	64	23.0	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	22.88		*		*	*	
13	08	64	23.0	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	22.88		*		*	*	
13	08	64	23.0	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	22.88		*		*	*	
13	08	64	23.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	21.08	D	26	V	0.12	23.5	
13	08	64	23.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	21.09		*	V	0.16	23.5	
13	08	64	23.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	21.10		*	V	0.23	23.5	
13	08	64	23.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.26		*	V	0.35	23.5	
13	08	64	23.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.74		*	V	0.47	23.5	
13	08	64	23.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	22.88		*	V	0.45	23.5	
13	08	64	23.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.50	23.5	
13	08	64	23.5	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	22.92		*		*	*	
13	08	64	23.5	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	22.96		*		*	*	
13	08	64	23.5	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	23.04		*		*	*	
14	08	64	00.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.08	D	25	V	0.14	00.0	
14	08	64	00.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.59		*	V	0.15	00.0	
14	08	64	00.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.65		*	V	0.33	00.0	
14	08	64	00.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.80		*	V	0.48	00.0	
14	08	64	00.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.93		*	V	0.50	00.0	
14	08	64	00.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	23.12		*	V	0.50	00.0	
14	08	64	00.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.50	00.0	
14	08	64	00.0	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	23.14		*		*	00.0	
14	08	64	00.0	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	23.15		*		*	00.0	
14	08	64	00.0	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	23.13		*		*	00.0	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
14	08	64	00.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.34	D	22	V	0.42	00.5	
14	08	64	00.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.33		*	V	0.49	00.5	
14	08	64	00.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.90		*	V	0.51	00.5	
14	08	64	00.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.95		*	V	0.56	00.5	
14	08	64	00.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.99		*	V	0.50	00.5	
14	08	64	00.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	23.03		*	V	0.51	00.5	
14	08	64	00.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.49	00.5	
14	08	64	00.5	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	23.08		*		*	00.5	
14	08	64	00.5	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	23.11		*		*	00.5	
14	08	64	00.5	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	23.10		*		*	00.5	
14	08	64	01.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	25	D	0.57	01.0	
14	08	64	01.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.70		*	V	0.48	01.0	
14	08	64	01.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.70		*	V	0.49	01.0	
14	08	64	01.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.69		*	V	0.50	01.0	
14	08	64	01.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.93		*	V	0.51	01.0	
14	08	64	01.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	23.23		*	V	0.50	01.0	
14	08	64	01.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	23.27		*	V	0.50	01.0	
14	08	64	01.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.46	01.0	
14	08	64	01.0	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	23.28		*		*	01.0	
14	08	64	01.0	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	23.29		*		*	01.0	
14	08	64	01.0	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	23.30		*		*	01.0	
14	08	64	01.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	25	D	0.46	01.5	
14	08	64	01.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0						*	V	0.46	01.5	
14	08	64	01.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.71		*	V	0.49	01.5	
14	08	64	01.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.86		*	V	0.50	01.5	
14	08	64	01.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	23.13		*	V	0.50	01.5	
14	08	64	01.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	23.19		*	V	0.49	01.5	
14	08	64	01.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	23.21		*	V	0.49	01.5	
14	08	64	01.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	23.23		*	V	0.50	01.5	
14	08	64	01.5	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	23.22		*		*	01.5	
14	08	64	01.5	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	23.24		*		*	01.5	
14	08	64	01.5	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	23.29		*		*	01.5	
14	08	64	02.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	25	D	0.56	*	
14	08	64	02.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.94		*	V	0.48	*	
14	08	64	02.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	23.00		*	V	0.46	*	
14	08	64	02.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	23.08		*	V	0.49	*	
14	08	64	02.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	23.14		*	V	0.25	*	
14	08	64	02.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	23.14		*	V	0.25	*	
14	08	64	02.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	23.14		*	V	0.25	*	
14	08	64	02.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	23.14		*	V	0.26	*	
14	08	64	02.0	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	23.14		*		*	*	
14	08	64	02.0	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	23.14		*		*	*	
14	08	64	02.0	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	23.10		*		*	*	
14	08	64	02.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	24	D	0.48	*	
14	08	64	02.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.99		*	V	0.62	*	
14	08	64	02.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	23.12		*	V	0.53	*	
14	08	64	02.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	23.12		*	V	0.50	*	
14	08	64	02.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	23.13		*	V	0.42	*	
14	08	64	02.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	23.13		*	V	0.40	*	
14	08	64	02.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	23.13		*	V	0.35	*	
14	08	64	02.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	23.13		*	V	0.46	*	
14	08	64	02.5	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	23.13		*		*	*	
14	08	64	02.5	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	23.14		*		*	*	
14	08	64	02.5	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	23.12		*		*	*	
14	08	64	03.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	24	D	0.35	*	
14	08	64	03.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.95		*	V	0.42	*	
14	08	64	03.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.97		*	V	0.38	*	
14	08	64	03.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	23.02		*	V	0.38	*	
14	08	64	03.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	23.10		*	V	0.29	*	
14	08	64	03.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	23.11		*	V	0.25	*	
14	08	64	03.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	23.10		*	V	0.20	*	
14	08	64	03.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	23.11		*	V	0.16	*	
14	08	64	03.0	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	23.11		*		*	*	
14	08	64	03.0	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	23.10		*		*	*	
14	08	64	03.0	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	23.10		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
14	08	64	03.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	24	D	0.16	*		
14	08	64	03.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.89		*	V	0.20	*		
14	08	64	03.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	23.20		*	V	0.28	*		
14	08	64	03.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	23.29		*	V	0.17	*		
14	08	64	03.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	23.16		*	V	0.17	*		
14	08	64	03.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	23.35		*	V	0.12	*		
14	08	64	03.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	23.18		*	V	0.10	*		
14	08	64	03.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	23.30		*	V	0.05	*		
14	08	64	03.5	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	23.11		*		*	*		
14	08	64	03.5	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	23.13		*		*	*		
14	08	64	03.5	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	23.13		*		*	*		
14	08	64	04.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	10	D	0.31	*		
14	08	64	04.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.94		*	V	0.38	*		
14	08	64	04.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.69		*	V	0.20	*		
14	08	64	04.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.70		*	V	0.10	*		
14	08	64	04.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.73		*	V	0.10	*		
14	08	64	04.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.83		*	V	0.09	*		
14	08	64	04.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	22.85		*	V	0.09	*		
14	08	64	04.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	22.88		*	V	0.05	*		
14	08	64	04.0	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	22.99		*		*	*		
14	08	64	04.0	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	23.07		*		*	*		
14	08	64	04.0	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	23.08		*		*	*		
14	08	64	04.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	10	D	0.59	*		
14	08	64	04.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.74		*	V	0.50	*		
14	08	64	04.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.82		*	V	0.40	*		
14	08	64	04.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.86		*	V	0.32	*		
14	08	64	04.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.90		*	V	0.20	*		
14	08	64	04.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.91		*	V	0.15	*		
14	08	64	04.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	22.99		*	V	0.12	*		
14	08	64	04.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	23.04		*	V	0.10	*		
14	08	64	04.5	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	23.06		*		*	*		
14	08	64	04.5	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	23.02		*		*	*		
14	08	64	04.5	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	22.94		*		*	*		
14	08	64	05.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	09	D	0.53	*		
14	08	64	05.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.64		*	V	0.62	*		
14	08	64	05.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.64		*	V	0.52	*		
14	08	64	05.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.55		*	V	0.45	*		
14	08	64	05.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.27		*	V	0.32	*		
14	08	64	05.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.58		*	V	0.25	*		
14	08	64	05.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	22.78		*	V	0.30	*		
14	08	64	05.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	22.74		*	V	0.35	*		
14	08	64	05.0	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	23.04		*		*	*		
14	08	64	05.0	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	22.76		*		*	*		
14	08	64	05.0	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	22.84		*		*	*		
14	08	64	05.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	09	D	0.61	*		
14	08	64	05.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.34		*	V	0.68	*		
14	08	64	05.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.72		*	V	0.67	*		
14	08	64	05.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.71		*	V	0.61	*		
14	08	64	05.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.46		*	V	0.52	*		
14	08	64	05.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.80		*	V	0.50	*		
14	08	64	05.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	22.75		*	V	0.47	*		
14	08	64	05.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	23.03		*	V	0.45	*		
14	08	64	05.5	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	22.71		*		*	*		
14	08	64	05.5	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	22.90		*		*	*		
14	08	64	05.5	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	22.93		*		*	*		
14	08	64	06.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	08	D	0.59	*		
14	08	64	06.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.60		*	V	1.00	*		
14	08	64	06.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.46		*	V	0.89	*		
14	08	64	06.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.54		*	V	0.72	*		
14	08	64	06.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.60		*	V	1.01	*		
14	08	64	06.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.71		*	V	0.98	*		
14	08	64	06.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	22.80		*	V	0.87	*		
14	08	64	06.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	22.82		*	V	0.80	*		
14	08	64	06.0	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	22.80		*		*	*		
14	08	64	06.0	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	22.76		*		*	*		
14	08	64	06.0	BR	0006	36	58.8	76	20.5	18		*			*			18.0			R	22.93		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
14	08	64	06.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	08	D	0.47	*		
14	08	64	06.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.49		*	V	0.38	*		
14	08	64	06.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.50		*	V	0.41	*		
14	08	64	06.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.75		*	V	0.45	*		
14	08	64	06.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.88		*	V	0.48	*		
14	08	64	06.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.91		*	V	0.48	*		
14	08	64	06.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	22.92		*	V	0.43	*		
14	08	64	06.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	22.92		*	V	0.38	*		
14	08	64	06.5	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	22.95		*		*	*		
14	08	64	06.5	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	22.95		*		*	*		
14	08	64	07.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	08	D	0.44	*		
14	08	64	07.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0			R	22.47		*	V	0.30	*		
14	08	64	07.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0			R	22.46		*	V	0.31	*		
14	08	64	07.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0			R	22.59		*	V	0.45	*		
14	08	64	07.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0			R	22.61		*	V	0.43	*		
14	08	64	07.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0			R	22.62		*	V	0.45	*		
14	08	64	07.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0			R	22.68		*	V	0.45	*		
14	08	64	07.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0			R	22.67		*	V	0.40	*		
14	08	64	07.0	BR	0006	36	58.8	76	20.5	18		*			*			14.0			R	22.83		*		*	*		
14	08	64	07.0	BR	0006	36	58.8	76	20.5	18		*			*			16.0			R	22.85		*		*	*		
14	08	64	07.0	BR	0006	36	58.8	76	20.5	18		*			*			17.5			R	22.85		*		*	*		
14	08	64	07.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	06	D	0.51	*		
14	08	64	07.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0						*	V	0.50	*		
14	08	64	07.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0						*	V	0.41	*		
14	08	64	07.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0						*	V	0.41	*		
14	08	64	07.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0						*	V	0.30	*		
14	08	64	07.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0						*	V	0.25	*		
14	08	64	07.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0						*	V	0.28	*		
14	08	64	07.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.28	*		
14	08	64	08.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	08	D	0.25	*		
14	08	64	08.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0						*	V	0.30	*		
14	08	64	08.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0						*	V	0.22	*		
14	08	64	08.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0						*	V	0.18	*		
14	08	64	08.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0						*	V	0.18	*		
14	08	64	08.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0						*	V	0.15	*		
14	08	64	08.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0						*	V	0.13	*		
14	08	64	08.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.11	*		
14	08	64	08.6	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	00	V	0.15	08.6		
14	08	64	08.6	BR	0006	36	58.8	76	20.5	18		*			*			02.0						*	V	0.12	08.6		
14	08	64	08.6	BR	0006	36	58.8	76	20.5	18		*			*			04.0						*	V	0.08	08.6		
14	08	64	08.6	BR	0005	36	58.8	76	20.5	18		*			*			06.0						*	V	0.08	08.6		
14	08	64	08.6	BR	0006	36	58.8	76	20.5	18		*			*			08.0						*	V	0.09	08.6		
14	08	64	08.6	BR	0006	36	58.8	76	20.5	18		*			*			10.0						*	V	0.08	08.6		
14	08	64	08.6	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.11	08.6		
14	08	64	09.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0						00	V	0.15	09.0		
14	08	64	09.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0						*	V	0.10	09.0		
14	08	64	09.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0						*	V	0.11	09.0		
14	08	64	09.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0						*	V	0.13	09.0		
14	08	64	09.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0						*	V	0.06	09.0		
14	08	64	09.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0						*	V	0.06	09.0		
14	08	64	09.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.05	09.0		
14	08	64	09.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	29	V	0.15	09.5		
14	08	64	09.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0						*	V	0.15	09.5		
14	08	64	09.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0						*	V	0.14	09.5		
14	08	64	09.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0						*	V	0.12	09.5		
14	08	64	09.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0						*	V	0.10	09.5		
14	08	64	09.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0						*	V	0.09	09.5		
14	08	64	09.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.10	09.5		
14	08	64	10.0	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	28	V	0.18	10.0		
14	08	64	10.0	BR	0006	36	58.8	76	20.5	18		*			*			02.0						*	V	0.25	10.0		
14	08	64	10.0	BR	0006	36	58.8	76	20.5	18		*			*			04.0						*	V	0.16	10.0		
14	08	64	10.0	BR	0006	36	58.8	76	20.5	18		*			*			06.0						*	V	0.20	10.0		
14	08	64	10.0	BR	0006	36	58.8	76	20.5	18		*			*			08.0						*	V	0.20	10.0		
14	08	64	10.0	BR	0006	36	58.8	76	20.5	18		*			*			10.0						*	V	0.21	10.0		
14	08	64	10.0	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.25	10.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
14	08	64	10.5	BR	0006	36	58.8	76	20.5	18		*			*			00.0					D	24	V	0.40	10.5	
14	08	64	10.5	BR	0006	36	58.8	76	20.5	18		*			*			02.0						*	V	0.37	10.5	
14	08	64	10.5	BR	0006	36	58.8	76	20.5	18		*			*			04.0						*	V	0.33	10.5	
14	08	64	10.5	BR	0006	36	58.8	76	20.5	18		*			*			06.0						*	V	0.25	10.5	
14	08	64	10.5	BR	0006	36	58.8	76	20.5	18		*			*			08.0						*	V	0.17	10.5	
14	08	64	10.5	BR	0006	36	58.8	76	20.5	18		*			*			10.0						*	V	0.20	10.5	
14	08	64	10.5	BR	0006	36	58.8	76	20.5	18		*			*			12.0						*	V	0.25	10.5	
14	08	64	11.0	BR	0006	36	58.8	76	20.5	18		1			*			00.0			R	21.82	D	25	D	0.39	11.0	
14	08	64	11.0	BR	0006	36	58.8	76	20.5	18		1			*			02.0			R	22.41		*	W	0.35	11.2	
14	08	64	11.0	BR	0006	36	58.8	76	20.5	18		1			*			04.0			R	22.54		*	W	0.40	11.2	
14	08	64	11.0	BR	0006	36	58.8	76	20.5	18		1			*			06.0			R	22.88		*	W	0.45	11.2	
14	08	64	11.0	BR	0006	36	58.8	76	20.5	18		1			*			08.0			R	22.98		*	W	0.50	11.3	
14	08	64	11.0	BR	0006	36	58.8	76	20.5	18		1			*			10.0			R	23.00		*	W	0.50	11.3	
14	08	64	11.0	BR	0006	36	58.8	76	20.5	18		1			*			12.0			R	23.02		*		*	*	
14	08	64	11.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		00.0			R	21.90	D	25	D	0.82	11.0	
14	08	64	11.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		02.0			R	22.35		*	W	0.60	11.7	
14	08	64	11.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		04.0			R	22.58		*	W	0.68	11.7	
14	08	64	11.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		06.0			R	22.83		*	W	0.60	11.7	
14	08	64	11.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		08.0			R	23.04		*	W	0.50	11.7	
14	08	64	11.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		10.0			R	23.05		*	W	0.50	11.8	
14	08	64	11.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		12.0			R	22.70		*	W	0.40	11.8	
14	08	64	11.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		14.0			R	23.09		*		*	*	
14	08	64	11.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		16.0			R	23.13		*		*	*	
14	08	64	11.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		18.0			R	23.13		*		*	*	
14	08	64	12.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		00.0			R	22.41	D	25	D	0.78	12.0	
14	08	64	12.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		02.0			R	22.69		*	W	0.60	12.2	
14	08	64	12.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		04.0			R	23.18		*	W	0.65	12.2	
14	08	64	12.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		06.0			R	23.23		*	W	0.70	12.2	
14	08	64	12.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		08.0			R	23.22		*	W	0.60	12.2	
14	08	64	12.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		10.0			R	23.25		*	W	0.61	12.2	
14	08	64	12.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		12.0			R	23.28		*	W	0.50	12.3	
14	08	64	12.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		14.0			R	23.28		*		*	*	
14	08	64	12.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		16.0			R	23.29		*		*	*	
14	08	64	12.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		18.0						*		*	*	
14	08	64	12.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		00.0			R	22.70	D	24	D	0.95	12.6	
14	08	64	12.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		02.0			R	22.83		*	W	0.87	12.6	
14	08	64	12.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		04.0			R	23.11		*	W	0.75	12.6	
14	08	64	12.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		06.0			R	23.10		*	W	0.65	12.6	
14	08	64	12.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		08.0			R	23.16		*	W	0.60	12.6	
14	08	64	12.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		10.0			R	23.14		*	W	0.50	12.6	
14	08	64	12.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		12.0			R	23.16		*	W	0.40	12.7	
14	08	64	12.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		14.0			R	23.15		*		*	*	
14	08	64	12.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		16.0			R	23.17		*		*	*	
14	08	64	12.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		18.0			R	23.15		*		*	*	
14	08	64	13.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		00.0			R	22.84	D	25	D	0.95	13.0	
14	08	64	13.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		02.0			R	23.04		*	W	0.75	13.0	
14	08	64	13.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		04.0			R	23.06		*	W	0.75	13.0	
14	08	64	13.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		06.0			R	23.04		*	W	0.56	13.0	
14	08	64	13.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		08.0			R	23.07		*	W	0.55	13.0	
14	08	64	13.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		10.0			R	23.08		*	W	0.55	13.0	
14	08	64	13.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		12.0			R	23.09		*	W	0.50	13.2	
14	08	64	13.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		14.0			R	23.09		*		*	*	
14	08	64	13.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		16.0			R	23.09		*		*	*	
14	08	64	13.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		18.0			R	23.10		*		*	*	
14	08	64	13.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		00.0			R	22.73	D	24	D	1.05	13.5	
14	08	64	13.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		02.0			R	22.98		*	W	0.75	13.5	
14	08	64	13.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		04.0			R	23.02		*	W	0.70	13.5	
14	08	64	13.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		06.0			R	23.06		*	W	0.70	13.5	
14	08	64	13.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		08.0			R	23.06		*	W	0.68	13.5	
14	08	64	13.5	BR	0006	36	58.8	76	20.5	12		*			*	0.8		10.0			R	23.07		*	W	0.65	13.5	
14	08	64	13.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		12.0			R	23.09		*	W	0.56	13.7	
14	08	64	13.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		14.0			R	23.09		*		*	*	
14	08	64	13.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		16.0			R	23.09		*		*	*	
14	08	64	13.5	BR	0006	36	58.8	76	20.5	18		2			*	0.8		18.0			R	23.09		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
14	08	64	14.0	BR	0006	36	58.8	76	20.5	18		3			*	0.8		00.0			R	22.90	D	24	D	0.84	14.0		
14	08	64	14.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		02.0			R	22.97		*	W	0.67	14.0		
14	08	64	14.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		04.0			R	23.00		*	W	0.67	14.0		
14	08	64	14.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		06.0			R	23.01		*	W	0.62	14.0		
14	08	64	14.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		08.0			R	23.04		*	W	0.60	14.0		
14	08	64	14.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		10.0			R	23.06		*	W	0.50	14.0		
14	08	64	14.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		12.0			R	23.06		*	W	0.42	14.2		
14	08	64	14.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		14.0			R	23.07		*		*	*		
14	08	64	14.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		16.0			R	23.07		*		*	*		
14	08	64	14.0	BR	0006	36	58.8	76	20.5	18		2			*	0.8		18.0			R	23.08		*		*	*		
14	08	64	14.5	BR	0006	36	58.8	76	20.5	18		3			*	0.8		00.0					D	24	D	0.71	*		
14	08	64	14.5	BR	0006	36	58.8	76	20.5	18		3			*	0.8		02.0			R	22.95		*	W	0.55	*		
14	08	64	14.5	BR	0006	36	58.8	76	20.5	18		3			*	0.8		04.0			R	23.01		*	W	0.50	*		
14	08	64	14.5	BR	0006	36	58.8	76	20.5	18		3			*	0.8		06.0			R	23.03		*	W	0.50	*		
14	08	64	14.5	BR	0006	36	58.8	76	20.5	18		3			*	0.8		08.0			R	23.03		*	W	0.50	*		
14	08	64	14.5	BR	0006	36	58.8	76	20.5	18		3			*	0.8		10.0			R	23.06		*	W	0.50	*		
14	08	64	14.5	BR	0006	36	58.8	76	20.5	18		3			*	0.8		12.0			R	23.06		*	W	0.50	*		
14	08	64	14.5	BR	0006	36	58.8	76	20.5	18		3			*	0.8		14.0			R	23.07		*		*	*		
14	08	64	14.5	BR	0006	36	58.8	76	20.5	18		3			*	0.8		16.0			R	23.09		*		*	*		
14	08	64	14.5	BR	0006	36	58.8	76	20.5	18		3			*	0.8		18.0			R	23.09		*		*	*		
14	08	64	15.0	BR	0006	36	58.8	76	20.5	18		3			*	0.8		00.0			R	22.85	D	24	D	0.66	15.0		
14	08	64	15.0	BR	0006	36	58.8	76	20.5	18		3			*	0.8		02.0			R	22.90		*	W	0.50	15.1		
14	08	64	15.0	BR	0006	36	58.8	76	20.5	18		3			*	0.8		04.0			R	22.99		*	W	0.48	15.1		
14	08	64	15.0	BR	0006	36	58.8	76	20.5	18		3			*	0.8		06.0			R	22.99		*	W	0.50	15.1		
14	08	64	15.0	BR	0006	36	58.8	76	20.5	18		3			*	0.8		08.0			R	23.02		*	W	0.45	15.1		
14	08	64	15.0	BR	0006	36	58.8	76	20.5	18		3			*	0.8		10.0			R	23.02		*	W	0.47	15.1		
14	08	64	15.0	BR	0006	36	58.8	76	20.5	18		3			*	0.8		12.0			R	23.06		*	W	0.37	15.2		
14	08	64	15.0	BR	0006	36	58.8	76	20.5	18		3			*	0.8		14.0			R	23.07		*		*	*		
14	08	64	15.0	BR	0006	36	58.8	76	20.5	18		3			*	0.8		16.0			R	23.09		*		*	*		
14	08	64	15.0	BR	0006	36	58.8	76	20.5	18		3			*	0.8		18.0			R	23.09		*		*	*		
14	08	64	15.5	BR	0006	36	58.8	76	20.5	18		3			*	1.0		00.0			R	22.90	D	24	D	0.51	15.5		
14	08	64	15.5	BR	0006	36	58.8	76	20.5	18		3			*	1.0		02.0			R	22.93		*	W	0.37	15.5		
14	08	64	15.5	BR	0006	36	58.8	76	20.5	18		3			*	1.0		04.0			R	22.97		*	W	0.35	15.5		
14	08	64	15.5	BR	0006	36	58.8	76	20.5	18		3			*	1.0		06.0			R	23.00		*	W	0.30	15.5		
14	08	64	15.5	BR	0006	36	58.8	76	20.5	18		3			*	1.0		08.0			R	22.99		*	W	0.27	15.5		
14	08	64	15.5	BR	0006	36	58.8	76	20.5	18		3			*	1.0		10.0			R	23.00		*	W	0.25	15.5		
14	08	64	15.5	BR	0006	36	58.8	76	20.5	18		3			*	1.0		12.0			R	23.00		*	W	0.24	15.6		
14	08	64	15.5	BR	0006	36	58.8	76	20.5	18		3			*	1.0		14.0			R	23.10		*		*	*		
14	08	64	15.5	BR	0006	36	58.8	76	20.5	18		3			*	1.0		16.0			R	22.82		*		*	*		
14	08	64	15.5	BR	0006	36	58.8	76	20.5	18		3			*	1.0		18.0			R	23.12		*		*	*		
14	08	64	16.0	BR	0006	36	58.8	76	20.5	18		3			*	1.0		00.0			R	22.90	D	25	D	0.33	16.0		
14	08	64	16.0	BR	0006	36	58.8	76	20.5	18		3			*	1.0		02.0			R	22.91		*	W	0.25	16.0		
14	08	64	16.0	BR	0006	36	58.8	76	20.5	18		3			*	1.0		04.0			R	22.93		*	W	0.22	16.0		
14	08	64	16.0	BR	0006	36	58.8	76	20.5	18		3			*	1.0		06.0			R	22.96		*	W	0.20	16.0		
14	08	64	16.0	BR	0006	36	58.8	76	20.5	18		3			*	1.0		08.0			R	22.94		*	W	0.16	16.1		
14	08	64	16.0	BR	0006	36	58.8	76	20.5	18		3			*	1.0		10.0			R	22.97		*	W	0.16	16.1		
14	08	64	16.0	BR	0006	36	58.8	76	20.5	18		3			*	1.0		12.0			R	23.02		*	W	0.19	16.1		
14	08	64	16.0	BR	0006	36	58.8	76	20.5	18		3			*	1.0		14.0			R	23.09		*		*	*		
14	08	64	16.0	BR	0006	36	58.8	76	20.5	18		3			*	1.0		16.0			R	23.10		*		*	*		
14	08	64	16.0	BR	0006	36	58.8	76	20.5	18		3			*	1.0		18.0			R	23.12		*		*	*		
14	08	64	16.5	BR	0006	36	58.8	76	20.5	18		3			*			00.0			R	22.91	D	25	D	0.08	16.5		
14	08	64	16.5	BR	0006	36	58.8	76	20.5	18		3			*			02.0			R	22.96		*	W	0.15	16.5		
14	08	64	16.5	BR	0006	36	58.8	76	20.5	18		3			*			04.0			R	22.94		*	W	0.05	16.5		
14	08	64	16.5	BR	0006	36	58.8	76	20.5	18		3			*			06.0			R	22.94		*	W	0.06	16.6		
14	08	64	16.5	BR	0006	36	58.8	76	20.5	18		3			*			08.0						*	W	0.07	16.6		
14	08	64	16.5	BR	0006	36	58.8	76	20.5	18		3			*			10.0			R	23.03		*	W	0.05	16.6		
14	08	64	16.5	BR	0006	36	58.8	76	20.5	18		3			*			12.0			R	23.04		*	W	0.04	16.7		
14	08	64	16.5	BR	0006	36	58.8	76	20.5	18		3			*			14.0			R	23.10		*		*	*		
14	08	64	16.5	BR	0006	36	58.8	76	20.5	18		3			*			16.0			R	23.12		*		*	*		
14	08	64	16.5	BR	0006	36	58.8	76	20.5	18		3			*			18.0			R	23.12		*		*	*		
14	08	64	17.0	BR	0006	36	58.8	76	20.5	18		4			*			00.0			R	22.94	D	04	D	0.05	17.0		
14	08	64	17.0	BR	0006	36	58.8	76	20.5	18		4			*			02.0			R	22.93		*	W	0.10	17.0		
14	08	64	17.0	BR	0006	36	58.8	76	20.5	18		4			*			04.0			R	22.93		*	W	0.15	17.1		
14	08	64	17.0	BR	0006	36	58.8	76	20.5	18		4			*			06.0			R	22.93		*	W	0.17	17.1		
14	08	64	17.0	BR	0006	36	58.8	76	20.5	18		4			*			08.0			R	22.92		*	W	0.20	17.1		
14	08	64	17.0	BR	0006	36	58.8	76	20.5	18		4			*			10.0			R	22.93		*	W	0.21	17.2		
14	08	64	17.0	BR	0006	36	58.8	76	20.5	18		4			*			12.0			R	22.95		*	W	0.20	17.2		
14	08	64	17.0	BR	0006	36	58.8	76	20.5	18		4			*			14.0			R	22.98		*		*	*		
14	08	64	17.0	BR	0006	36	58.8	76	20.5	18		4			*			16.0			R	23.06		*		*	*		
14	08	64	17.0	BR	0006	36	58.8	76	20.5	18		4			*			18.0			R	23.08		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
14	08	64	17.5	BR	0006	36	58.8	76	20.5	18		5			*	0.9		00.0			R	22.94	D	06	D	0.19	17.5	
14	08	64	17.5	BR	0006	36	58.8	76	20.5	18		5			*	0.9		02.0			R	22.94		*	W	0.35	17.5	
14	08	64	17.5	BR	0006	36	58.8	76	20.5	18		5			*	0.9		04.0			R	22.82		*	W	0.40	17.5	
14	08	64	17.5	BR	0006	36	58.8	76	20.5	18		5			*	0.9		06.0			R	22.86		*	W	0.32	17.5	
14	08	64	17.5	BR	0006	36	58.8	76	20.5	18		5			*	0.9		08.0			R	22.88		*	W	0.30	17.5	
14	08	64	17.5	BR	0006	36	58.8	76	20.5	18		5			*	0.9		10.0			R	22.90		*	W	0.25	17.5	
14	08	64	17.5	BR	0006	36	58.8	76	20.5	18		5			*	0.9		12.0			R	22.93		*	W	0.25	17.6	
14	08	64	17.5	BR	0006	36	58.8	76	20.5	18		5			*	0.9		14.0			R	22.92		*		*	*	
14	08	64	17.5	BR	0006	36	58.8	76	20.5	18		5			*	0.9		16.0			R	23.00		*		*	*	
14	08	64	17.5	BR	0006	36	58.8	76	20.5	18		5			*	0.9		18.0			R	23.02		*		*	*	
14	08	64	18.0	BR	0006	36	58.8	76	20.5	18		5			*			00.0			R	22.63	D	07	D	0.51	18.0	
14	08	64	18.0	BR	0006	36	58.8	76	20.5	18		5			*			02.1			R	22.85		*	W	0.47	18.0	
14	08	64	18.0	BR	0006	36	58.8	76	20.5	18		5			*			04.0			R	22.87		*	W	0.42	18.0	
14	08	64	18.0	BR	0006	36	58.8	76	20.5	18		5			*			06.0			R	22.91		*	W	0.45	18.1	
14	08	64	18.0	BR	0006	36	58.8	76	20.5	18		5			*			08.0			R	22.91		*	W	0.42	18.1	
14	08	64	18.0	BR	0006	36	58.8	76	20.5	18		5			*			10.0			R	22.91		*	W	0.38	18.1	
14	08	64	18.0	BR	0006	36	58.8	76	20.5	18		5			*			12.0			R	22.92		*	W	0.40	18.2	
14	08	64	18.0	BR	0006	36	58.8	76	20.5	18		5			*			14.0			R	22.92		*		*	*	
14	08	64	18.0	BR	0006	36	58.8	76	20.5	18		5			*			16.0			R	22.96		*		*	*	
14	08	64	18.0	BR	0006	36	58.8	76	20.5	18		5			*			18.0			R	22.96		*		*	*	
14	08	64	18.5	BR	0006	36	58.8	76	20.5	18		5			*			00.0			R	22.55	D	05	D	0.48	18.5	
14	08	64	18.5	BR	0006	36	58.8	76	20.5	18		5			*			02.0			R	22.75		*	W	0.48	18.5	
14	08	64	18.5	BR	0006	36	58.8	76	20.5	18		5			*			04.0			R	22.88		*	W	0.52	18.5	
14	08	64	18.5	BR	0006	36	58.8	76	20.5	18		5			*			06.0			R	22.93		*	W	0.51	18.5	
14	08	64	18.5	BR	0006	36	58.8	76	20.5	18		5			*			08.0			R	22.94		*	W	0.47	18.5	
14	08	64	18.5	BR	0006	36	58.8	76	20.5	18		5			*			10.0			R	22.94		*	W	0.47	18.5	
14	08	64	18.5	BR	0006	36	58.8	76	20.5	18		5			*			12.0			R	22.98		*	W	0.40	18.6	
14	08	64	18.5	BR	0006	36	58.8	76	20.5	18		5			*			14.0			R	22.98		*		*	*	
14	08	64	18.5	BR	0006	36	58.8	76	20.5	18		5			*			16.0			R	22.99		*		*	*	
14	08	64	18.5	BR	0006	36	58.8	76	20.5	18		5			*			18.0			R	22.99		*		*	*	
14	08	64	19.0	BR	0006	36	58.8	76	20.5	18		6			*			00.0			R	22.99	D	06	D	0.61	19.0	
14	08	64	19.0	BR	0006	36	58.8	76	20.5	18		6			*			02.0			R	22.99		*	W	0.49	19.0	
14	08	64	19.0	BR	0006	36	58.8	76	20.5	18		6			*			04.0			R	22.99		*	W	0.51	19.0	
14	08	64	19.0	BR	0006	36	58.8	76	20.5	18		6			*			06.0			R	23.00		*	W	0.48	19.0	
14	08	64	19.0	BR	0006	36	58.8	76	20.5	18		6			*			08.0			R	22.99		*	W	0.51	19.0	
14	08	64	19.0	BR	0006	36	58.8	76	20.5	18		6			*			10.0			R	23.00		*	W	0.45	19.0	
14	08	64	19.0	BR	0006	36	58.8	76	20.5	18		6			*			12.0			R	23.01		*	W	0.48	19.0	
14	08	64	19.0	BR	0006	36	58.8	76	20.5	18		6			*			14.0			R	23.01		*		*	*	
14	08	64	19.0	BR	0006	36	58.8	76	20.5	18		6			*			16.0			R	23.02		*		*	*	
14	08	64	19.0	BR	0006	36	58.8	76	20.5	18		6			*			18.0			R	23.02		*		*	*	
14	08	64	19.5	BR	0006	36	58.8	76	20.5	18		7			*			00.0			R	23.02	D	06	D	0.53	19.5	
14	08	64	19.5	BR	0006	36	58.8	76	20.5	18		7			*			02.0			R	23.02		*	W	0.48	19.5	
14	08	64	19.5	BR	0006	36	58.8	76	20.5	18		7			*			04.0			R	23.02		*	W	0.43	19.5	
14	08	64	19.5	BR	0006	36	58.8	76	20.5	18		7			*			06.0			R	23.01		*	W	0.46	19.6	
14	08	64	19.5	BR	0006	36	58.8	76	20.5	18		7			*			08.0			R	23.02		*	W	0.41	19.6	
14	08	64	19.5	BR	0006	36	58.8	76	20.5	18		7			*			10.0			R	23.02		*	W	0.40	19.6	
14	08	64	19.5	BR	0006	36	58.8	76	20.5	18		7			*			12.0			R	23.02		*	W	0.33	19.7	
14	08	64	19.5	BR	0006	36	58.8	76	20.5	18		7			*			14.0			R	23.02		*		*	*	
14	08	64	19.5	BR	0006	36	58.8	76	20.5	18		7			*			16.0			R	23.02		*		*	*	
14	08	64	19.5	BR	0006	36	58.8	76	20.5	18		7			*			18.0			R	23.02		*		*	*	
14	08	64	20.0	BR	0006	36	58.8	76	20.5	18		7			*			00.0			R	22.94	D	06	D	0.54	20.0	
14	08	64	20.0	BR	0006	36	58.8	76	20.5	18		7			*			02.0			R	22.96		*	W	0.42	20.0	
14	08	64	20.0	BR	0006	36	58.8	76	20.5	18		7			*			04.0			R	22.96		*	W	0.41	20.1	
14	08	64	20.0	BR	0006	36	58.8	76	20.5	18		7			*			06.0			R	22.99		*	W	0.36	20.1	
14	08	64	20.0	BR	0006	36	58.8	76	20.5	18		7			*			08.0			R	23.00		*	W	0.29	20.2	
14	08	64	20.0	BR	0006	36	58.8	76	20.5	18		7			*			10.0			R	23.00		*	W	0.26	20.3	
14	08	64	20.0	BR	0006	36	58.8	76	20.5	18		7			*			12.0			R	23.00		*	W	0.22	20.3	
14	08	64	20.0	BR	0006	36	58.8	76	20.5	18		7			*			14.0			R	23.01		*		*	*	
14	08	64	20.0	BR	0006	36	58.8	76	20.5	18		7			*			16.0			R	23.01		*		*	*	
14	08	64	20.0	BR	0006	36	58.8	76	20.5	18		7			*			18.0			R	23.02		*		*	*	
14	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			00.0			R	22.93	D	05	D	0.41	20.5	
14	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			02.0			R	22.93		*	W	0.29	20.5	
14	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			04.0			R	22.97		*	W	0.26	20.5	
14	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			06.0			R	22.98		*	W	0.22	20.5	
14	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			08.0			R	23.00		*	W	0.22	20.6	
14	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			10.0			R	23.01		*	W	0.21	20.6	
14	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			12.0			R	23.02		*	W	0.19	20.6	
14	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			14.0			R	23.02		*		*	*	
14	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			16.0			R	23.02		*		*	*	
14	08	64	20.5	BR	0006	36	58.8	76	20.5	18		7			*			18.0			R	23.02		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
14	08	64	21.0	BR	0006	36	58.8	76	20.5	18		7			*			00.0			R	22.87	D	06	D	0.30	21.0	
14	08	64	21.0	BR	0006	36	58.8	76	20.5	18		7			*			02.0			R	22.86		*	W	0.22	21.0	
14	08	64	21.0	BR	0006	36	58.8	76	20.5	18		7			*			04.0			R	22.93		*	W	0.19	21.0	
14	08	64	21.0	BR	0006	36	58.8	76	20.5	18		7			*			06.0			R	23.00		*	W	0.14	21.0	
14	08	64	21.0	BR	0006	36	58.8	76	20.5	18		7			*			08.0			R	23.00		*	W	0.13	21.0	
14	08	64	21.0	BR	0006	36	58.8	76	20.5	18		7			*			10.0			R	23.00		*	W	0.12	21.0	
14	08	64	21.0	BR	0006	36	58.8	76	20.5	18		7			*			12.0			R	23.00		*	W	0.11	21.0	
14	08	64	21.0	BR	0006	36	58.8	76	20.5	18		7			*			14.0			R	23.02		*		*	*	
14	08	64	21.0	BR	0006	36	58.8	76	20.5	18		7			*			16.0			R	23.02		*		*	*	
14	08	64	21.0	BR	0006	36	58.8	76	20.5	18		7			*			18.0			R	23.03		*		*	21.1	
14	08	64	21.5	BR	0006	36	58.8	76	20.5	18		7			*			00.0			R	22.59	D	04	D	0.28	21.5	
14	08	64	21.5	BR	0006	36	58.8	76	20.5	18		7			*			02.0			R	22.65		*	W	0.24	21.5	
14	08	64	21.5	BR	0006	36	58.8	76	20.5	18		7			*			04.0			R	22.76		*	W	0.20	21.5	
14	08	64	21.5	BR	0006	36	58.8	76	20.5	18		7			*			06.0			R	22.81		*	W	0.14	21.6	
14	08	64	21.5	BR	0006	36	58.8	76	20.5	18		7			*			08.0			R	22.88		*	W	0.11	21.6	
14	08	64	21.5	BR	0006	36	58.8	76	20.5	18		7			*			10.0			R	22.95		*	W	0.10	21.6	
14	08	64	21.5	BR	0006	36	58.8	76	20.5	18		7			*			12.0			R	22.98		*	W	0.07	21.6	
14	08	64	21.5	BR	0006	36	58.8	76	20.5	18		7			*			14.0			R	22.98		*		*	*	
14	08	64	21.5	BR	0006	36	58.8	76	20.5	18		7			*			16.0			R	23.00		*		*	*	
14	08	64	21.5	BR	0006	36	58.8	76	20.5	18		7			*			18.0			R	23.01		*		*	*	
14	08	64	22.0	BR	0006	36	58.8	76	20.5	18		7			*			00.0			R	22.50	D	08	D	0.24	22.2	
14	08	64	22.0	BR	0006	36	58.8	76	20.5	18		7			*			02.0			R	22.53		*	W	0.13	22.2	
14	08	64	22.0	BR	0006	36	58.8	76	20.5	18		7			*			04.0			R	22.68		*	W	0.06	22.2	
14	08	64	22.0	BR	0006	36	58.8	76	20.5	18		7			*			06.0			R	22.70		*	W	0.05	22.3	
14	08	64	22.0	BR	0006	36	58.8	76	20.5	18		7			*			08.0			R	22.93		*	W	0.05	22.3	
14	08	64	22.0	BR	0006	36	58.8	76	20.5	18		7			*			10.0			R	22.93		*	W	0.06	22.4	
14	08	64	22.0	BR	0006	36	58.8	76	20.5	18		7			*			12.0			R	22.98		*	W	0.07	22.4	
14	08	64	22.0	BR	0006	36	58.8	76	20.5	18		7			*			14.0			R	22.98		*		*	*	
14	08	64	22.0	BR	0006	36	58.8	76	20.5	18		7			*			16.0			R	22.99		*		*	*	
14	08	64	22.0	BR	0006	36	58.8	76	20.5	18		7			*			18.0			R	23.02		*		*	*	
13	08	64	21.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	20.82		*		*	21.6	
13	08	64	21.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	20.82		*		*	21.6	
13	08	64	21.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	20.89		*		*	21.7	
13	08	64	21.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	20.98		*		*	21.7	
13	08	64	21.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.14		*		*	21.8	
13	08	64	21.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	21.22		*		*	21.8	
13	08	64	22.0	TB	0006	36	57.1	76	25.3	12		*			*			00.0			R	19.75		*		*	22.1	
13	08	64	22.0	TB	0006	36	57.1	76	25.3	12		*			*			02.0			R	20.46		*		*	22.1	
13	08	64	22.0	TB	0006	36	57.1	76	25.3	12		*			*			04.0			R	20.91		*		*	22.1	
13	08	64	22.0	TB	0006	36	57.1	76	25.3	12		*			*			06.0			R	21.04		*		*	22.2	
13	08	64	22.0	TB	0006	36	57.1	76	25.3	12		*			*			08.0			R	21.19		*		*	22.3	
13	08	64	22.0	TB	0006	36	57.1	76	25.3	12		*			*			10.0			R	21.63		*		*	22.4	
13	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			00.0			R	18.98		*		*	22.6	
13	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			02.0			R	20.25		*		*	22.6	
13	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			04.0			R	20.74		*		*	22.6	
13	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			06.0			R	21.10		*		*	22.7	
13	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			08.0			R	21.22		*		*	22.8	
13	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			10.0			R	21.66		*		*	22.8	
13	08	64	23.0	TB	0006	36	57.1	76	25.3	12		*			*			00.0			R	19.39		*		*	23.1	
13	08	64	23.0	TB	0006	36	57.1	76	25.3	12		*			*			02.0			R	20.22		*		*	23.1	
13	08	64	23.0	TB	0006	36	57.1	76	25.3	12		*			*			04.0			R	20.86		*		*	23.2	
13	08	64	23.0	TB	0006	36	57.1	76	25.3	12		*			*			06.0			R	21.35		*		*	23.2	
13	08	64	23.0	TB	0006	36	57.1	76	25.3	12		*			*			08.0			R	21.54		*		*	23.2	
13	08	64	23.0	TB	0006	36	57.1	76	25.3	12		*			*			10.0			R	21.60		*		*	23.3	
13	08	64	23.0	TB	0006	36	57.1	76	25.3	12		*			*			12.0			R	21.59		*		*	23.4	
13	08	64	23.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	19.42		*		*	23.6	
13	08	64	23.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	19.57		*		*	23.6	
13	08	64	23.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.18		*		*	23.7	
13	08	64	23.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.41		*		*	23.7	
13	08	64	23.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.77		*		*	23.7	
13	08	64	23.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	21.99		*		*	23.8	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
14	08	64	00.0	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	20.85		*		*	*		
14	08	64	00.0	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	20.68		*		*	*		
14	08	64	00.0	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	20.95		*		*	*		
14	08	64	00.0	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.48		*		*	*		
14	08	64	00.0	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.62		*		*	*		
14	08	64	00.0	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	21.95		*		*	*		
14	08	64	00.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.49		*		*	*		
14	08	64	00.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.50		*		*	*		
14	08	64	00.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.60		*		*	*		
14	08	64	00.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.58		*		*	*		
14	08	64	00.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.89		*		*	*		
14	08	64	00.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	21.88		*		*	*		
14	08	64	01.0	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.53		*		*	*		
14	08	64	01.0	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.54		*		*	*		
14	08	64	01.0	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.65		*		*	*		
14	08	64	01.0	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.74		*		*	*		
14	08	64	01.0	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.78		*		*	*		
14	08	64	01.0	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	21.78		*		*	*		
14	08	64	01.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.60		*		*	*		
14	08	64	01.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	23.25		*		*	*		
14	08	64	01.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.82		*		*	*		
14	08	64	01.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	22.77		*		*	*		
14	08	64	01.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	23.05		*		*	*		
14	08	64	01.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	21.91		*		*	*		
14	08	64	02.0	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.65		*		*	*		
14	08	64	02.0	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.63		*		*	*		
14	08	64	02.0	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.99		*		*	*		
14	08	64	02.0	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.89		*		*	*		
14	08	64	02.0	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	22.03		*		*	*		
14	08	64	02.0	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	22.02		*		*	*		
14	08	64	02.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.76		*		*	*		
14	08	64	02.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.69		*		*	*		
14	08	64	02.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.72		*		*	*		
14	08	64	02.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.79		*		*	*		
14	08	64	02.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.95		*		*	*		
14	08	64	02.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	22.06		*		*	*		
14	08	64	03.0	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.78		*		*	*		
14	08	64	03.0	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.77		*		*	*		
14	08	64	03.0	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	22.32		*		*	*		
14	08	64	03.0	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.83		*		*	*		
14	08	64	03.0	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.89		*		*	*		
14	08	64	03.0	TB	0006	36	57.1	76	25.3	11		*			*			01.0			R	22.06		*		*	*		
14	08	64	03.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.47		*		*	*		
14	08	64	03.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.49		*		*	*		
14	08	64	03.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.48		*		*	*		
14	08	64	03.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.56		*		*	*		
14	08	64	03.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.60		*		*	*		
14	08	64	03.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	21.60		*		*	*		
14	08	64	04.0	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.48		*		*	*		
14	08	64	04.0	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.49		*		*	*		
14	08	64	04.0	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.65		*		*	*		
14	08	64	04.0	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.58		*		*	*		
14	08	64	04.0	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.61		*		*	*		
14	08	64	04.0	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	21.83		*		*	*		
14	08	64	04.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.57		*		*	04.6		
14	08	64	04.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.56		*		*	04.6		
14	08	64	04.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.56		*		*	04.7		
14	08	64	04.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.71		*		*	04.7		
14	08	64	04.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	22.31		*		*	04.7		
14	08	64	04.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	21.97		*		*	04.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
14	08	64	05.0	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.58		*	D	0.15	05.1		
14	08	64	05.0	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.58		*	D	0.17	05.0		
14	08	64	05.0	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.59		*		*	*		
14	08	64	05.0	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.75		*		*	*		
14	08	64	05.0	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	22.03		*		*	*		
14	08	64	05.0	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	22.33		*		*	*		
14	08	64	05.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.19		*	D	0.45	05.6		
14	08	64	05.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.22		*	D	0.35	05.5		
14	08	64	05.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.45		*		*	*		
14	08	64	05.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.78		*		*	*		
14	08	64	05.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	22.13		*		*	*		
14	08	64	05.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	22.37		*		*	*		
14	08	64	06.0	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.12		*	D	0.50	06.1		
14	08	64	06.0	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.15		*	D	0.50	06.5		
14	08	64	06.0	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.31		*		*	*		
14	08	64	06.0	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.37		*		*	*		
14	08	64	06.0	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	22.00		*		*	*		
14	08	64	06.0	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	22.30		*		*	*		
14	08	64	06.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	20.94		*	D	0.50	06.5		
14	08	64	06.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	20.91		*		*	*		
14	08	64	06.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.12		*		*	*		
14	08	64	06.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.60		*		*	*		
14	08	64	06.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.92		*		*	*		
14	08	64	06.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	22.14		*		*	*		
14	08	64	07.0	TB	0006	36	57.1	76	25.3	10		*			*			00.0			R	20.89		*	V	0.50	07.0		
14	08	64	07.0	TB	0006	36	57.1	76	25.3	10		*			*			02.0			R	20.69		*	V	0.63	07.0		
14	08	64	07.0	TB	0006	36	57.1	76	25.3	10		*			*			04.0			R	21.07		*	V	0.50	07.0		
14	08	64	07.0	TB	0006	36	57.1	76	25.3	10		*			*			06.0			R	21.39		*	V	0.43	07.0		
14	08	64	07.0	TB	0006	36	57.1	76	25.3	10		*			*			08.0			R	21.91		*	V	0.27	07.0		
14	08	64	07.0	TB	0006	36	57.1	76	25.3	10		*			*			10.0			R	22.02		*	V	0.20	07.0		
14	08	64	07.5	TB	0006	36	57.1	76	25.3	10		*			*			00.0			R	20.74		*	V	0.63	07.5		
14	08	64	07.5	TB	0006	36	57.1	76	25.3	10		*			*			02.0			R	20.74		*	V	0.55	07.5		
14	08	64	07.5	TB	0006	36	57.1	76	25.3	10		*			*			04.0			R	21.14		*	V	0.50	07.5		
14	08	64	07.5	TB	0006	36	57.1	76	25.3	10		*			*			06.0			R	21.23		*	V	0.48	07.5		
14	08	64	07.5	TB	0006	36	57.1	76	25.3	10		*			*			08.0			R	21.55		*	V	0.33	07.5		
14	08	64	07.5	TB	0006	36	57.1	76	25.3	10		*			*			10.0			R	21.92		*	V	0.05	07.5		
14	08	64	08.0	TB	0006	36	57.1	76	25.3	10		*			*			00.0			R	20.71		*	V	0.67	08.2		
14	08	64	08.0	TB	0006	36	57.1	76	25.3	10		*			*			02.0			R	20.83		*	V	0.57	08.2		
14	08	64	08.0	TB	0006	36	57.1	76	25.3	10		*			*			04.0			R	21.00		*	V	0.47	08.2		
14	08	64	08.0	TB	0006	36	57.1	76	25.3	10		*			*			06.0			R	21.16		*	V	0.40	08.2		
14	08	64	08.0	TB	0006	36	57.1	76	25.3	10		*			*			08.0			R	21.12		*	V	0.25	08.2		
14	08	64	08.0	TB	0006	36	57.1	76	25.3	10		*			*			10.0			R	21.27		*	V	0.11	08.2		
14	08	64	08.5	TB	0006	36	57.1	76	25.3	14		*			*			00.0			R	20.59		*	V	0.67	08.5		
14	08	64	08.5	TB	0006	36	57.1	76	25.3	14		*			*			02.0			R	20.64		*	V	0.52	08.5		
14	08	64	08.5	TB	0006	36	57.1	76	25.3	14		*			*			04.0			R	20.71		*	V	0.33	08.5		
14	08	64	08.5	TB	0006	36	57.1	76	25.3	14		*			*			06.0			R	21.19		*	V	0.35	08.5		
14	08	64	08.5	TB	0006	36	57.1	76	25.3	14		*			*			08.0			R	21.35		*	V	0.26	08.5		
14	08	64	08.5	TB	0006	36	57.1	76	25.3	14		*			*			10.0			R	21.43		*	V	0.20	08.5		
14	08	64	09.0	TB	0006	36	57.1	76	25.3	14		*			*	0.8		00.0						*	V	0.30	09.0		
14	08	64	09.0	TB	0006	36	57.1	76	25.3	14		*			*	0.8		02.0						*	V	0.30	09.0		
14	08	64	09.0	TB	0006	36	57.1	76	25.3	14		*			*	0.8		04.0						*	V	0.29	09.0		
14	08	64	09.0	TB	0006	36	57.1	76	25.3	14		*			*	0.8		06.0						*	V	0.19	09.0		
14	08	64	09.0	TB	0006	36	57.1	76	25.3	14		*			*	0.8		08.0						*	V	0.10	09.0		
14	08	64	09.0	TB	0006	36	57.1	76	25.3	14		*			*	0.8		10.0						*	V	0.09	09.0		
14	08	64	11.0	TB	0006	36	57.1	76	25.3	14		*			*	1.0		00.0			R	20.50		*		*	*		
14	08	64	11.0	TB	0006	36	57.1	76	25.3	14		*			*	1.0		02.0			R	20.49		*		*	*		
14	08	64	11.0	TB	0006	36	57.1	76	25.3	14		*			*	1.0		04.0			R	20.50		*		*	*		
14	08	64	11.0	TB	0006	36	57.1	76	25.3	14		*			*	1.0		06.0			R	21.08		*		*	*		
14	08	64	11.0	TB	0006	36	57.1	76	25.3	14		*			*	1.0		08.0			R	21.83		*		*	*		
14	08	64	11.0	TB	0006	36	57.1	76	25.3	14		*			*	1.0		10.0			R	21.91		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
14	08	64	11.5	TB	0006	36	57.1	76	25.3	14		*			*			00.0			R	20.55		*		*	*		
14	08	64	11.5	TB	0006	36	57.1	76	25.3	14		*			*			02.0			R	20.88		*		*	*		
14	08	64	11.5	TB	0006	36	57.1	76	25.3	14		*			*			04.0			R	21.46		*		*	*		
14	08	64	11.5	TB	0006	36	57.1	76	25.3	14		*			*			06.0			R	21.44		*		*	*		
14	08	64	11.5	TB	0006	36	57.1	76	25.3	14		*			*			08.0			R	21.72		*		*	*		
14	08	64	11.5	TB	0006	36	57.1	76	25.3	14		*			*			10.0			R	21.52		*		*	*		
14	08	64	12.0	TB	0006	36	57.1	76	25.3	11		*			*			00.0						*	V	0.50	12.0		
14	08	64	12.0	TB	0006	36	57.1	76	25.3	11		*			*			02.0						*	V	0.45	12.0		
14	08	64	12.0	TB	0006	36	57.1	76	25.3	11		*			*			04.0						*	V	0.51	12.0		
14	08	64	12.0	TB	0006	36	57.1	76	25.3	11		*			*			06.0						*	V	0.50	12.0		
14	08	64	12.0	TB	0006	36	57.1	76	25.3	11		*			*			08.0						*	V	0.49	12.0		
14	08	64	16.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.89		*	V	0.25	16.5		
14	08	64	16.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.88		*	V	0.07	16.5		
14	08	64	16.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.96		*	V	0.05	16.5		
14	08	64	16.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	22.07		*	V	0.00	16.5		
14	08	64	16.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	22.20		*	V	0.00	16.5		
14	08	64	16.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	22.45		*	V	0.00	16.5		
14	08	64	17.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	21.33		*		*	*		
14	08	64	17.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.29		*		*	*		
14	08	64	17.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.85		*		*	*		
14	08	64	17.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	22.02		*		*	*		
14	08	64	17.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	22.45		*		*	*		
14	08	64	17.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	22.50		*		*	*		
14	08	64	18.0	TB	0006	36	57.1	76	25.3	11		5			*	1.0		00.0			R	20.78	P	15	Y	0.35	18.0		
14	08	64	18.0	TB	0006	36	57.1	76	25.3	11		5			*	1.0		02.0			R	20.74		*	Y	0.43	18.0		
14	08	64	18.0	TB	0006	36	57.1	76	25.3	11		5			*	1.0		04.0			R	21.30		*	Y	0.30	18.0		
14	08	64	18.0	TB	0006	36	57.1	76	25.3	11		5			*	1.0		06.0			R	21.22		*	Y	0.40	18.0		
14	08	64	18.0	TB	0006	36	57.1	76	25.3	11		5			*	1.0		08.0			R	22.38		*	Y	0.30	18.0		
14	08	64	18.0	TB	0006	36	57.1	76	25.3	11		5			*	1.0		10.0			R	22.47		*	Y	0.18	18.0		
14	08	64	18.5	TB	0006	36	57.1	76	25.3	11		5			*	1.0		00.0			R	20.75	P	16	Y	0.38	18.5		
14	08	64	18.5	TB	0006	36	57.1	76	25.3	11		5			*	1.0		02.0			R	20.87		*	Y	0.50	18.5		
14	08	64	18.5	TB	0006	36	57.1	76	25.3	11		5			*	1.0		04.0			R	21.50		*	Y	0.48	18.5		
14	08	64	18.5	TB	0006	36	57.1	76	25.3	11		5			*	1.0		06.0			R	21.76		*	Y	0.49	18.5		
14	08	64	18.5	TB	0006	36	57.1	76	25.3	11		5			*	1.0		08.0			R	21.80		*	Y	0.43	18.5		
14	08	64	18.5	TB	0006	36	57.1	76	25.3	11		5			*	1.0		10.0			R	22.30		*	Y	0.25	18.5		
14	08	64	19.0	TB	0006	36	57.1	76	25.3	10		5			*	0.9		00.0			R	20.51	P	16	Y	0.52	19.0		
14	08	64	19.0	TB	0006	36	57.1	76	25.3	10		5			*	0.9		02.0			R	20.75		*	Y	0.60	19.0		
14	08	64	19.0	TB	0006	36	57.1	76	25.3	10		5			*	0.9		04.0			R	21.35		*	Y	0.50	19.0		
14	08	64	19.0	TB	0006	36	57.1	76	25.3	10		5			*	0.9		06.0			R	21.55		*	Y	0.50	19.0		
14	08	64	19.0	TB	0006	36	57.1	76	25.3	10		5			*	0.9		08.0			R	22.05		*	Y	0.46	19.0		
14	08	64	19.0	TB	0006	36	57.1	76	25.3	10		5			*	0.9		10.0			R	22.21		*	Y	0.38	19.0		
14	08	64	19.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	20.28	P	12	Y	0.70	19.5		
14	08	64	19.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	20.27		*	Y	0.67	19.5		
14	08	64	19.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.03		*	Y	0.55	19.5		
14	08	64	19.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.69		*	Y	0.50	19.5		
14	08	64	19.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.64		*	Y	0.42	19.5		
14	08	64	19.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	22.03		*	Y	0.28	19.5		
14	08	64	20.0	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	20.41		*	Y	0.70	20.0		
14	08	64	20.0	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	21.21		*	Y	0.70	20.0		
14	08	64	20.0	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.68		*	Y	0.50	20.0		
14	08	64	20.0	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.72		*	Y	0.50	20.0		
14	08	64	20.0	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.74		*	Y	0.38	20.0		
14	08	64	20.0	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	21.75		*	Y	0.13	20.0		
14	08	64	20.5	TB	0006	36	57.1	76	25.3	11		*			*			00.0			R	20.14	P	14	Y	0.80	20.5		
14	08	64	20.5	TB	0006	36	57.1	76	25.3	11		*			*			02.0			R	20.31		*	Y	0.70	20.5		
14	08	64	20.5	TB	0006	36	57.1	76	25.3	11		*			*			04.0			R	21.41		*	Y	0.55	20.5		
14	08	64	20.5	TB	0006	36	57.1	76	25.3	11		*			*			06.0			R	21.50		*	Y	0.40	20.5		
14	08	64	20.5	TB	0006	36	57.1	76	25.3	11		*			*			08.0			R	21.59		*	Y	0.37	20.5		
14	08	64	20.5	TB	0006	36	57.1	76	25.3	11		*			*			10.0			R	21.58		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
14	08	64	21.0	TB	0006	36	57.1	76	25.3	10		*			*			00.0					P	16	Y	0.75	21.0	
14	08	64	21.0	TB	0006	36	57.1	76	25.3	10		*			*			02.0			R	20.95		*	Y	0.55	21.0	
14	08	64	21.0	TB	0006	36	57.1	76	25.3	10		*			*			04.0			R	21.20		*	Y	0.45	21.0	
14	08	64	21.0	TB	0006	36	57.1	76	25.3	10		*			*			06.0			R	21.50		*	Y	0.30	21.0	
14	08	64	21.0	TB	0006	36	57.1	76	25.3	10		*			*			08.0			R	21.55		*	Y	0.25	21.0	
14	08	64	21.0	TB	0006	36	57.1	76	25.3	10		*			*			10.0						*	Y	0.13	21.0	
14	08	64	21.5	TB	0006	36	57.1	76	25.3	10		*			*			00.0			R	20.09	P	17	Y	0.75	21.5	
14	08	64	21.5	TB	0006	36	57.1	76	25.3	10		*			*			02.0			R	21.21		*	Y	0.50	21.5	
14	08	64	21.5	TB	0006	36	57.1	76	25.3	10		*			*			04.0			R	21.29		*	Y	0.50	21.5	
14	08	64	21.5	TB	0006	36	57.1	76	25.3	10		*			*			06.0			R	21.43		*	Y	0.32	21.5	
14	08	64	21.5	TB	0006	36	57.1	76	25.3	10		*			*			08.0			R	21.50		*	Y	0.20	21.5	
14	08	64	21.5	TB	0006	36	57.1	76	25.3	10		*			*			09.0			R	21.50		*	Y	0.15	21.5	
14	08	64	22.0	TB	0006	36	57.1	76	25.3	10		*			*			00.0			R	20.45	P	17	Y	0.55	22.0	
14	08	64	22.0	TB	0006	36	57.1	76	25.3	10		*			*			02.0			R	21.06		*	Y	0.30	22.0	
14	08	64	22.0	TB	0006	36	57.1	76	25.3	10		*			*			04.0			R	21.28		*	Y	0.27	22.0	
14	08	64	22.0	TB	0006	36	57.1	76	25.3	10		*			*			06.0			R	21.35		*	Y	0.10	22.0	
14	08	64	22.0	TB	0006	36	57.1	76	25.3	10		*			*			08.0			R	21.40		*	Y	0.09	22.0	
14	08	64	22.0	TB	0006	36	57.1	76	25.3	10		*			*			09.0			R	21.42		*	Y	0.03	22.0	
14	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			00.0			R	20.58	P	17	Y	0.38	22.5	
14	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			02.0			R	20.90		*	Y	0.34	22.5	
14	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			04.0			R	21.21		*	Y	0.07	22.5	
14	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			06.0			R	21.29		*	Y	0.00	22.5	
14	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			08.0			R	21.32		*	Y	0.00	22.5	
14	08	64	22.5	TB	0006	36	57.1	76	25.3	10		*			*			10.0			R	21.33		*	Y	0.00	22.5	
14	08	64	23.0	TB	0006	36	57.1	76	25.3	10		8			*			00.0			R	20.73	P	17	Y	0.29	23.3	
14	08	64	23.0	TB	0006	36	57.1	76	25.3	10		8			*			02.0			R	21.03		*	Y	0.00	23.3	
14	08	64	23.0	TB	0006	36	57.1	76	25.3	10		8			*			04.0			R	21.25		*	Y	0.00	23.3	
14	08	64	23.0	TB	0006	36	57.1	76	25.3	10		8			*			06.0			R	21.30		*	Y	0.00	23.3	
14	08	64	23.0	TB	0006	36	57.1	76	25.3	10		8			*			08.0			R	21.37		*	Y	0.00	23.3	
14	08	64	23.0	TB	0006	36	57.1	76	25.3	10		8			*			10.0			R	21.39		*	Y	0.00	23.3	
13	08	64	22.0	IN	0006	37	04.7	76	36.5	4		6			*			00.0	O	25.47	R	11.72	E	16	S	0.50	22.0	
13	08	64	22.0	IN	0006	37	04.7	76	36.5	4		6			*			02.0	O	25.63	R	11.75		*	S	0.47	22.1	
13	08	64	22.0	IN	0006	37	04.7	76	36.5	4		6			*			04.0	O	25.56	R	12.35		*	S	0.18	22.2	
13	08	64	22.5	IN	0006	37	04.7	76	36.5	4		7			*			00.0	O	25.63	R	11.23	E	16	S	0.35	22.5	
13	08	64	22.5	IN	0006	37	04.7	76	36.5	4		7			*			02.0	O	25.33	R	11.64		*	S	0.22	22.5	
13	08	64	22.5	IN	0006	37	04.7	76	36.5	4		7			*			04.0	O	25.64	R	12.00		*	S	0.23	22.6	
13	08	64	23.0	IN	0006	37	04.7	76	36.5	4		7			*			00.0	O	25.79	R	11.06	E	16	S	0.22	23.0	
13	08	64	23.0	IN	0006	37	04.7	76	36.5	4		7			*			02.0	O	25.82	R	11.45		*	S	0.05	23.0	
13	08	64	23.0	IN	0006	37	04.7	76	36.5	4		7			*			04.0	O	26.18	R	12.19		*	S	0.05	23.1	
13	08	64	23.5	IN	0006	37	04.7	76	36.5	4		7			*			00.0	O	25.50	R	11.12	E	16	S	0.14	23.5	
13	08	64	23.5	IN	0006	37	04.7	76	36.5	4		7			*			02.0	O	25.58	R	11.34		*	S	0.08	23.5	
13	08	64	23.5	IN	0006	37	04.7	76	36.5	4		7			*			04.0	O	25.53	R	12.40		*	S	0.08	23.6	
14	08	64	00.0	IN	0006	37	04.7	76	36.5	4		8			*			00.0	O	25.66	R	11.26	E	00	S	0.02	00.0	
14	08	64	00.0	IN	0006	37	04.7	76	36.5	4		8			*			02.0	O	25.81	R	11.43		*	S	0.02	00.0	
14	08	64	00.0	IN	0006	37	04.7	76	36.5	4		8			*			04.0	O	25.56	R	12.14		*	S	0.09	00.1	
14	08	64	00.5	IN	0006	37	04.7	76	36.5	4		8			*			00.0	O	25.58	R	11.32	E	00	S	0.03	00.5	
14	08	64	00.5	IN	0006	37	04.7	76	36.5	4		8			*			02.0	O	25.57	R	11.44		*	S	0.07	00.5	
14	08	64	00.5	IN	0006	37	04.7	76	36.5	4		8			*			04.0	O	25.77	R	12.25		*	S	0.15	00.6	
14	08	64	01.0	IN	0006	37	04.7	76	36.5	4		1			*			00.0	O	25.77	R	11.35	E	03	S	0.09	01.0	
14	08	64	01.0	IN	0006	37	04.7	76	36.5	4		1			*			02.0	O	25.78	R	11.63		*	S	0.11	01.0	
14	08	64	01.0	IN	0006	37	04.7	76	36.5	4		1			*			04.0	O	26.01	R	12.80		*	S	0.18	01.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
14	08	64	01.5	IN	0006	37	04.7	76	36.5	4		1			*			00.0	0	25.57	R	11.38	E	02	S	0.16	01.5		
14	08	64	01.5	IN	0006	37	04.7	76	36.5	4		1			*			02.0	0	26.06	R	11.72		*	S	0.27	01.5		
14	08	64	01.5	IN	0006	37	04.7	76	36.5	4		1			*			04.0	0	25.79	R	13.47		*	V	0.22	01.6		
14	08	64	02.0	IN	0006	37	04.7	76	36.5	4		1			*			00.0	0	25.49	R	11.51	E	32	S	0.19	02.0		
14	08	64	02.0	IN	0006	37	04.7	76	36.5	4		1			*			02.0	0	25.90	R	11.72		*	S	0.29	02.0		
14	08	64	02.0	IN	0006	37	04.7	76	36.5	4		1			*			04.0	0	25.73	R	14.10		*	S	0.21	02.1		
14	08	64	02.5	IN	0006	37	04.7	76	36.5	4		2			*			00.0	0	25.72	R	11.54	E	32	S	0.21	02.5		
14	08	64	02.5	IN	0006	37	04.7	76	36.5	4		2			*			02.0	0	25.72	R	12.69		*	S	0.29	02.5		
14	08	64	02.5	IN	0006	37	04.7	76	36.5	4		2			*			04.0	0	25.73	R	14.55		*	V	0.18	02.5		
14	08	64	03.0	IN	0006	37	04.7	76	36.5	4		2			*			00.0	0	25.78	R	11.84	E	32	S	0.21	03.0		
14	08	64	03.0	IN	0006	37	04.7	76	36.5	4		2			*			02.0	0	25.88	R	12.73		*	S	0.30	03.0		
14	08	64	03.0	IN	0006	37	04.7	76	36.5	4		2			*			04.0	0	25.88	R	13.86		*	S	0.19	03.1		
14	08	64	03.5	IN	0006	37	04.7	76	36.5	4		*			*			00.0	0	24.69	R	12.77		*	S	0.08	03.5		
14	08	64	03.5	IN	0006	37	04.7	76	36.5	4		*			*			02.0	0	25.53	R	13.09		*	S	0.29	03.5		
14	08	64	03.5	IN	0006	37	04.7	76	36.5	4		*			*			04.0	0	25.99	R	14.46		*	S	0.16	03.5		
14	08	64	04.0	IN	0006	37	04.7	76	36.5	4		*			*			00.0	0	24.53	R	13.14	E	00	S	0.15	04.0		
14	08	64	04.0	IN	0006	37	04.7	76	36.5	4		*			*			02.0	0	25.60	R	14.41		*	S	0.25	04.0		
14	08	64	04.0	IN	0006	37	04.7	76	36.5	4		*			*			04.0	0	25.58	R	14.68		*	S	0.16	04.0		
14	08	64	04.5	IN	0006	37	04.7	76	36.5	4		4			*			00.0	0	24.55	R	13.58	E	19	S	0.17	04.6		
14	08	64	04.5	IN	0006	37	04.7	76	36.5	4		4			*			02.0	0	25.48	R	14.89		*	S	0.12	04.6		
14	08	64	04.5	IN	0006	37	04.7	76	36.5	4		4			*			04.0	0	25.40	R	15.58		*	S	0.15	04.6		
14	08	64	05.0	IN	0006	37	04.7	76	36.7	4		5			*	1.2		00.0	0	24.58	R	14.24	P	17	S	0.13	05.1		
14	08	64	05.0	IN	0006	37	04.7	76	36.5	4		5			*	1.2		02.0	0	25.35	R	14.87		*	S	0.03	05.1		
14	08	64	05.0	IN	0006	37	04.7	76	36.5	4		5			*	1.2		04.0	0	25.34	R	15.91		*	S	0.13	05.1		
14	08	64	05.5	IN	0006	37	04.7	76	36.5	4		5			*	1.3		00.0	0	24.68	R	13.70	P	16	S	0.15	05.6		
14	08	64	05.5	IN	0006	37	04.7	76	36.5	4		5			*	1.3		02.0	0	25.23	R	14.57		*	S	0.03	05.6		
14	08	64	05.5	IN	0006	37	04.7	76	36.5	4		5			*	1.3		04.0	0	25.33	R	14.06		*	S	0.09	05.6		
14	08	64	06.0	IN	0006	37	04.7	76	36.5	4		5			*	1.4		00.0					E	18	D	0.14	06.3		
14	08	64	06.0	IN	0006	37	04.7	76	36.5	4		5			*	1.4		00.0	0	24.71	R	13.89		*	S	0.25	06.1		
14	08	64	06.0	IN	0006	37	04.7	76	36.5	4		5			*	1.4		02.0	0	24.80	R	14.06		*	S	0.13	06.1		
14	08	64	06.0	IN	0006	37	04.7	76	36.5	4		5			*	1.4		04.0	0	25.28	R	15.79		*	S	0.09	06.1		
14	08	64	06.5	IN	0006	37	04.7	76	36.5	4		6			*	1.4		00.0					E	18	D	0.23	06.8		
14	08	64	06.5	IN	0006	37	04.7	76	36.5	4		6			*	1.4		00.0	0	24.70	R	13.82		*	S	1.20	06.6		
14	08	64	06.5	IN	0006	37	04.7	76	36.5	4		6			*	1.4		02.0	0	24.70	R	13.79		*	S	1.18	06.6		
14	08	64	06.5	IN	0006	37	04.7	76	36.5	4		6			*	1.4		04.0	0	25.17	R	15.14		*	S	0.05	06.6		
14	08	64	07.0	IN	0006	37	04.7	76	36.5	4		6			*	1.1		00.0					E	19	D	0.34	07.2		
14	08	64	07.0	IN	0006	37	04.7	76	36.5	4		6			*	1.1		00.0	0	24.55	R	13.33		*	S	0.30	07.1		
14	08	64	07.0	IN	0006	37	04.7	76	36.5	4		6			*	1.1		02.0	0	24.56	R	13.25		*	S	0.28	07.1		
14	08	64	07.0	IN	0006	37	04.7	76	36.5	4		6			*	1.1		04.0	0	25.14	R	14.49		*	S	0.14	07.1		
14	08	64	07.5	IN	0006	37	04.7	76	36.5	4		6			*	1.0		00.0					E	16	D	0.40	07.7		
14	08	64	07.5	IN	0006	37	04.7	76	36.5	4		6			*	1.0		00.0	0	24.53	R	12.84		*	S	0.42	07.6		
14	08	64	07.5	IN	0006	37	04.7	76	36.5	4		6			*	1.0		02.0	0	24.62	R	13.40		*	S	0.34	07.6		
14	08	64	07.5	IN	0006	37	04.7	76	36.5	4		6			*	1.0		04.0	0	25.22	R	15.17		*	S	0.01	07.6		
14	08	64	08.0	IN	0006	37	04.7	76	36.5	4		6			*			00.0					E	16	D	0.59	08.2		
14	08	64	08.0	IN	0006	37	04.7	76	36.5	4		6			*			00.0	0	24.81	R	12.76		*	S	0.48	08.1		
14	08	64	08.0	IN	0006	37	04.7	76	36.5	4		6			*			02.0	0	24.87	R	12.74		*	S	0.48	08.1		
14	08	64	08.0	IN	0006	37	04.7	76	36.5	4		6			*			04.0	0	25.22	R	14.60		*	S	0.00	08.1		
14	08	64	08.5	IN	0006	37	04.7	76	36.5	4		6			*			00.0					E	17	D	0.56	08.7		
14	08	64	08.5	IN	0006	37	04.7	76	36.5	4		6			*			00.0	0	24.69	R	11.39		*	S	0.65	08.6		
14	08	64	08.5	IN	0006	37	04.7	76	36.5	4		6			*			02.0	0	24.81	R	12.20		*	S	0.40	08.6		
14	08	64	08.5	IN	0006	37	04.7	76	36.5	4		6			*			04.0	0	25.25	R	14.26		*	S	0.00	08.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
14	08	64	09.0	IN	0006	37	04.7	76	36.5	4		6			*			00.0					E	17	D	0.40	09.2		
14	08	64	09.0	IN	0006	37	04.7	76	36.5	4		6			*			00.0	O	24.97	R	11.70		*	S	0.50	09.1		
14	08	64	09.0	IN	0006	37	04.7	76	36.5	4		6			*			02.0	O	25.07	R	11.90		*	S	0.38	09.1		
14	08	64	09.0	IN	0006	37	04.7	76	36.5	4		6			*			04.0	O	25.30	R	14.29		*	S	0.00	09.1		
14	08	64	09.6	IN	0006	37	04.7	76	36.5	4		6			*			00.0					E	16	D	0.50	09.7		
14	08	64	09.6	IN	0006	37	04.7	76	36.5	4		6			*			00.0	O	25.05	R	11.76		*		*	*		
14	08	64	10.0	IN	0006	37	04.7	76	36.5	4		7			*			00.0					E	17	D	0.36	10.2		
14	08	64	10.0	IN	0006	37	04.7	76	36.5	4		7			*			00.0	O	25.22	R	11.66		*		*	*		
14	08	64	09.6	IN	0006	37	04.7	76	36.5	4		6			*			02.0	O	25.07	R	12.04		*		*	*		
14	08	64	09.6	IN	0006	37	04.7	76	36.5	4		6			*			04.0	O	25.31	R	13.30		*		*	*		
14	08	64	10.0	IN	0006	37	04.7	76	36.5	4		7			*			02.0	O	25.08	R	11.74		*		*	*		
14	08	64	10.0	IN	0006	37	04.7	76	36.5	4		7			*			04.0	O	25.22	R	12.61		*		*	*		
14	08	64	10.5	IN	0006	37	04.7	76	36.5	4		7			*	1.0		00.0					E	18	D	0.22	10.8		
14	08	64	10.5	IN	0006	37	04.7	76	36.5	4		7			*	1.0		00.0	O	25.15	R	11.34		*		*	*		
14	08	64	10.5	IN	0006	37	04.7	76	36.5	4		7			*	1.0		02.0	O	25.13	R	11.95		*		*	*		
14	08	64	10.5	IN	0006	37	04.7	76	36.5	4		7			*	1.0		04.0	O	25.17	R	12.74		*		*	*		
14	08	64	11.0	IN	0006	37	04.7	76	36.5	4		7			*			00.0					E	18	D	0.17	11.1		
14	08	64	11.0	IN	0006	37	04.7	76	36.5	4		7			*			00.0	O	25.22	R	11.24		*		*	*		
14	08	64	11.0	IN	0006	37	04.7	76	36.5	4		7			*			02.0	O	25.68	R	11.31		*		*	*		
14	08	64	11.0	IN	0006	37	04.7	76	36.5	4		7			*			04.0	O	25.12	R	12.62		*		*	*		
14	08	64	11.5	IN	0006	37	04.7	76	36.5	4		7			*			00.0	O	25.50	R	11.51	E	19	S	0.17	11.5		
14	08	64	11.5	IN	0006	37	04.7	76	36.5	4		7			*			02.0	O	25.08	R	11.34		*		*	*		
14	08	64	11.5	IN	0006	37	04.7	76	36.5	4		7			*			04.0	O	25.10	R	12.61		*		*	*		
14	08	64	12.5	IN	0006	37	04.7	76	36.5	4		7			*	1.1		00.0	O	25.44	R	11.30	E	31	S	0.12	12.5		
14	08	64	12.5	IN	0006	37	04.7	76	36.5	4		7			*	1.1		02.0	O	25.44	R	11.41		*	S	0.16	12.5		
14	08	64	12.5	IN	0006	37	04.7	76	36.5	4		7			*	1.1		04.0	O	25.14	R	12.99		*	S	0.14	12.6		
14	08	64	13.5	IN	0006	37	04.7	76	36.5	4		*			*			00.0	O	25.28	R	11.57		*	S	0.42	13.6		
14	08	64	13.5	IN	0006	37	04.7	76	36.5	4		*			*			02.0	O	25.16	R	12.11		*	S	0.55	13.6		
14	08	64	13.5	IN	0006	37	04.7	76	36.5	4		*			*			04.0	O	25.15	R	13.92		*	S	0.34	13.6		
14	08	64	14.0	IN	0006	37	05.2	76	36.7	4		1			*	1.1		00.0					E	35	D	0.42	14.2		
14	08	64	14.0	IN	0006	37	05.2	76	36.7	4		1			*	1.1		00.0	O	25.33	R	11.74		*	E	0.42	14.1		
14	08	64	14.0	IN	0006	37	05.2	76	36.7	4		1			*	1.1		02.0	O	25.11	R	12.29		*	E	0.50	14.1		
14	08	64	14.0	IN	0006	37	05.2	76	36.7	4		1			*	1.1		04.0	O	25.13	R	14.25		*	E	0.38	14.1		
14	08	64	14.5	IN	0006	37	05.2	76	36.7	4		1			*	1.1		00.0					E	36	D	0.46	14.7		
14	08	64	14.5	IN	0006	37	05.2	76	36.7	4		1			*	1.1		00.0	O	25.40	R	12.71		*	S	0.48	14.6		
14	08	64	14.5	IN	0006	37	05.2	76	36.7	4		1			*	1.1		02.0	O	25.04	R	13.57		*	S	0.50	14.6		
14	08	64	14.5	IN	0006	37	05.2	76	36.7	4		1			*	1.1		04.0	O	25.06	R	14.06		*	S	0.34	14.6		
14	08	64	15.0	IN	0006	37	05.2	76	36.7	4		1			*	1.0		00.0					E	35	D	0.50	15.2		
14	08	64	15.0	IN	0006	37	05.2	76	36.7	4		1			*	1.0		00.0	O	25.26	R	14.14		*	S	0.50	15.1		
14	08	64	15.0	IN	0006	37	05.2	76	36.7	4		1			*	1.0		02.0	O	25.06	R	14.69		*	S	0.32	15.1		
14	08	64	15.0	IN	0006	37	05.2	76	36.7	4		1			*	1.0		04.0	O	25.05	R	14.92		*	S	0.28	15.1		
14	08	64	15.5	IN	0006	37	05.2	76	36.7	4		2			*	1.3		00.0					E	34	D	0.44	15.7		
14	08	64	15.5	IN	0006	37	05.2	76	36.7	4		2			*	1.3		00.0	O	25.50	R	14.69		*	E	0.50	15.6		
14	08	64	15.5	IN	0006	37	05.2	76	36.7	4		2			*	1.3		02.0	O	25.08	R	15.05		*	E	0.50	15.6		
14	08	64	15.5	IN	0006	37	05.2	76	36.7	4		2			*	1.3		04.0	O	25.02	R	15.46		*	E	0.50	15.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC		
14	08	64	16.0	IN	0006	37	05.2	76	36.7	4		3			*	1.3		00.0					E	33	D	0.24	16.3	
14	08	64	16.0	IN	0006	37	05.2	76	36.7	4		3			*	1.3		00.0	O	25.23	R	15.15		*	E	0.32	16.2	
14	08	64	16.0	IN	0006	37	05.2	76	36.7	4		3			*	1.3		02.0	O	25.03	R	15.28		*	E	0.33	16.2	
14	08	64	16.0	IN	0006	37	05.2	76	36.7	4		3			*	1.3		04.0	O	25.15	R	15.84		*	E	0.45	16.2	
14	08	64	16.5	IN	0006	37	05.2	76	36.7	4		4			*	1.3		00.0					E	34	D	0.18	16.7	
14	08	64	16.5	IN	0006	37	05.2	76	36.7	4		4			*	1.3		00.0	O	25.26	R	15.83		*	E	0.23	16.6	
14	08	64	16.5	IN	0006	37	05.2	76	36.7	4		4			*	1.3		02.0	O	25.28	R	16.00		*	E	0.34	16.6	
14	08	64	16.5	IN	0006	37	05.2	76	36.7	4		4			*	1.3		04.0	O	25.17	R	16.47		*	E	0.32	16.6	
14	08	64	17.5	IN	0006	37	05.2	76	36.7	6		4			*			00.0	O	25.30	R	16.24	E	00	S	0.16	17.5	
14	08	64	17.5	IN	0006	37	05.2	76	36.7	6		4			*			02.0	O	25.23	R	16.49		*	S	0.13	17.5	
14	08	64	17.5	IN	0006	37	05.2	76	36.7	6		4			*			04.0	O	25.26	R	16.66		*	S	0.06	17.5	
14	08	64	17.5	IN	0006	37	05.2	76	36.7	6		4			*			06.0	O	25.35	R	17.14		*	S	0.06	17.6	
14	08	64	18.0	IN	0006	37	05.2	76	36.7	6		4			*	1.0		00.0	O	25.19	R	16.20	E	10	S	0.10	18.0	
14	08	64	18.0	IN	0006	37	05.2	76	36.7	6		4			*	1.0		02.0	O	25.33	R	16.27		*	S	0.01	18.0	
14	08	64	18.0	IN	0006	37	05.2	76	36.7	6		4			*	1.0		04.0	O	25.40	R	16.70		*	S	0.01	18.0	
14	08	64	18.0	IN	0006	37	05.2	76	36.7	6		4			*	1.0		06.0	O	25.44	R	17.27		*	S	0.04	18.0	
14	08	64	18.5	IN	0006	37	05.2	76	36.7	6		5			*			00.0	O	24.94	R	15.27	E	16	S	0.32	18.5	
14	08	64	18.5	IN	0006	37	05.2	76	36.7	6		5			*			02.0	O	25.39	R	16.01		*	S	0.20	18.5	
14	08	64	18.5	IN	0006	37	05.2	76	36.7	6		5			*			04.0	O	25.12	R	16.66		*	S	*	18.6	
14	08	64	18.5	IN	0006	37	05.2	76	36.7	6		5			*			06.0			R	16.96		*		*	18.6	
14	08	64	19.0	IN	0006	37	05.2	76	36.7	6		5			*			00.0	O	25.17	R	13.63	E	16	S	0.36	19.0	
14	08	64	19.0	IN	0006	37	05.2	76	36.7	6		5			*			02.0	O	25.31	R	15.29		*	S	0.29	19.0	
14	08	64	19.0	IN	0006	37	05.2	76	36.7	6		5			*			04.0	O	25.32	R	16.20		*	S	0.16	19.0	
14	08	64	19.0	IN	0006	37	05.2	76	36.7	6		5			*			06.0	O	25.23	R	17.10		*	S	0.05	19.1	
14	08	64	19.5	IN	0006	37	05.2	76	36.7	6		5			*			00.0	O	24.96	R	13.56	E	15	S	0.35	19.5	
14	08	64	19.5	IN	0006	37	05.2	76	36.7	6		5			*			02.0	O	25.20	R	14.52		*	S	0.31	19.5	
14	08	64	19.5	IN	0006	37	05.2	76	36.7	6		5			*			04.0	O	25.47	R	15.25		*	S	0.26	19.5	
14	08	64	19.5	IN	0006	37	05.2	76	36.7	6		5			*			06.0	O	25.19	R	16.67		*	S	0.13	19.6	
14	08	64	20.0	IN	0006	37	05.2	76	36.7	6		6			*			00.0	O	25.56	R	16.86		*	S	0.21	20.1	
14	08	64	20.0	IN	0006	37	05.2	76	36.7	6		6			*			00.0	O	24.84	R	15.24	E	16	S	0.46	20.0	
14	08	64	20.0	IN	0006	37	05.2	76	36.7	6		6			*			02.0	O	25.46	R	16.70		*	S	0.50	20.0	
14	08	64	20.0	IN	0006	37	05.2	76	36.7	6		6			*			04.0	O	25.35	R	15.42		*	S	0.27	20.1	
14	08	64	20.5	IN	0006	37	05.2	76	36.7	6		6			*			00.0	O	25.07	R	11.00	E	18	S	0.51	20.5	
14	08	64	20.5	IN	0006	37	05.2	76	36.7	6		6			*			02.0	O	25.44	R	12.40		*	S	0.50	20.5	
14	08	64	20.5	IN	0006	37	05.2	76	36.7	6		6			*			04.0	O	25.59	R	14.49		*	S	0.32	20.6	
14	08	64	20.5	IN	0006	37	05.2	76	36.7	6		6			*			06.0	O	25.63	R	16.84		*	S	0.20	20.6	
14	08	64	21.0	IN	0006	37	05.2	76	36.7	6		6			*			00.0	O	24.84	R	12.18	E	16	S	0.52	21.0	
14	08	64	21.0	IN	0006	37	05.2	76	36.7	6		6			*			02.0	O	25.16	R	12.81		*	S	0.49	21.0	
14	08	64	21.0	IN	0006	37	05.2	76	36.7	6		6			*			04.0	O	25.51	R	14.79		*	S	0.32	21.1	
14	08	64	21.0	IN	0006	37	05.2	76	36.7	6		6			*			06.0	O	25.22	R	15.76		*	S	0.10	21.1	
14	08	64	21.5	IN	0006	37	05.2	76	36.7	6		6			*			00.0	O	25.63	R	12.32	E	16	S	0.35	21.5	
14	08	64	21.5	IN	0006	37	05.2	76	36.7	6		6			*			02.0	O	25.46	R	12.32		*	S	0.51	21.5	
14	08	64	21.5	IN	0006	37	05.2	76	36.7	6		6			*			04.0	O	25.75	R	13.74		*	S	0.36	21.6	
14	08	64	21.5	IN	0006	37	05.2	76	36.7	6		6			*			06.0	O	25.96	R	15.60		*	S	0.30	21.6	
14	08	64	22.0	IN	0006	37	05.2	76	36.7	6		7			*			00.0	O	25.96	R	12.49	E	14	S	0.51	22.0	
14	08	64	22.0	IN	0006	37	05.2	76	36.7	6		7			*			02.0	O	26.14	R	12.48		*	S	0.47	22.0	
14	08	64	22.0	IN	0006	37	05.2	76	36.7	6		7			*			04.0	O	26.51	R	12.65		*	S	0.40	22.0	
14	08	64	22.0	IN	0006	37	05.2	76	36.7	6		7			*			06.0	O	26.20	R	14.84		*	S	0.20	22.1	
14	08	64	22.5	IN	0006	37	05.2	76	36.7	6		7			*			00.0	O	26.04	R	12.28	E	15	S	0.49	22.5	
14	08	64	22.5	IN	0006	37	05.2	76	36.7	6		7			*			02.0	O	26.50	R	12.43		*	S	0.39	22.5	
14	08	64	22.5	IN	0006	37	05.2	76	36.7	6		7			*			04.0	O	26.63	R	13.03		*	S	0.36	22.6	
14	08	64	22.5	IN	0006	37	05.2	76	36.7	6		7			*			06.0	O	26.79	R	13.89		*	S	0.11	22.6	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
14	08	64	23.0	IN	0006	37	05.2	76	36.7	6		7			*			00.0	O	26.59	R	11.92	E	16	S	0.43	23.0	
14	08	64	23.0	IN	0006	37	05.2	76	36.7	6		7			*			02.0	O	26.81	R	12.09		*	S	0.37	23.0	
14	08	64	23.0	IN	0006	37	05.2	76	36.7	6		7			*			04.0	O	26.92	R	12.69		*	S	0.32	23.1	
14	08	64	23.0	IN	0006	37	05.2	76	36.7	6		7			*			06.0	O	27.21	R	14.32		*	S	0.09	23.1	
14	08	64	23.5	IN	0006	37	05.2	76	36.7	6		7			*			00.0	O	26.77	R	11.80	E	16	S	0.30	23.5	
14	08	64	23.5	IN	0006	37	05.2	76	36.7	6		7			*			02.0	O	26.80	R	11.99		*	S	0.20	23.5	
14	08	64	23.5	IN	0006	37	05.2	76	36.7	6		7			*			04.0	O	26.80	R	12.05		*	S	0.21	23.6	
14	08	64	23.5	IN	0006	37	05.2	76	36.7	6		7			*			06.0	O	26.80	R	14.47		*	S	0.03	23.6	
15	08	64	00.0	IN	0006	37	05.2	76	36.7	6		*			*			00.0	O	26.92	R	11.88	E	16	S	0.20	00.5	
15	08	64	00.0	IN	0006	37	05.2	76	36.7	6		*			*			02.0	O	26.85	R	11.68		*	S	0.10	00.5	
15	08	64	00.0	IN	0006	37	05.2	76	36.7	6		*			*			04.0	O	26.85	R	12.11		*	S	0.05	00.5	
15	08	64	00.0	IN	0006	37	05.2	76	36.7	6		*			*			06.0	O	26.81	R	14.12		*	S	0.10	00.5	
15	08	64	01.0	IN	0006	37	05.2	76	36.7	6		*			*			00.0	O	26.81	R	11.75	E	*	S	0.05	01.0	
15	08	64	01.0	IN	0006	37	05.2	76	36.7	6		*			*			02.0	O	26.66	R	11.80		*	S	0.06	01.0	
15	08	64	01.0	IN	0006	37	05.2	76	36.7	6		*			*			04.0	O	26.72	R	12.95		*	S	0.02	01.1	
15	08	64	01.0	IN	0006	37	05.2	76	36.7	6		*			*			06.0	O	26.74	R	14.11		*	S	0.10	01.1	
13	08	64	22.0	PA	0006	37	12.8	76	47.9	10		6	21	14	01			00.0	C	25.62	C	4.13	L	11	D	0.74	22.2	
13	08	64	22.0	PA	0006	37	12.8	76	47.9	10		6	21	14	01			04.0	C	25.70	C	4.13		*	U	0.55	22.1	
13	08	64	22.0	PA	0006	37	12.8	76	47.9	10		6	21	14	01			08.0	C	25.82	C	4.42		*	U	0.52	22.1	
13	08	64	22.0	PA	0006	37	12.8	76	47.9	10		6	21	14	01			10.0	C	25.82	C	4.45	F	11	U	0.45	22.1	
13	08	64	22.5	PA	0006	37	12.8	76	47.9	10		6			*			00.0	C	25.52	C	3.76	L	11	D	0.61	22.7	
13	08	64	22.5	PA	0006	37	12.8	76	47.9	10		6			*			04.0	C	25.66	C	3.81		*	U	0.60	22.6	
13	08	64	22.5	PA	0006	37	12.8	76	47.9	10		6			*			08.0	C	25.74	C	4.00		*	U	0.60	22.6	
13	08	64	22.5	PA	0006	37	12.8	76	47.9	10		6			*			10.0	C	25.74	C	4.00	F	12	U	0.46	22.6	
13	08	64	23.0	PA	0006	37	12.8	76	47.9	10		6	21	21	02			00.0	C	25.54	C	3.58	L	11	D	0.40	23.2	
13	08	64	23.0	PA	0006	37	12.8	76	47.9	10		6	21	21	02			04.0	C	25.64	C	3.63		*	U	0.50	23.0	
13	08	64	23.0	PA	0006	37	12.8	76	47.9	10		6	21	21	02			08.0	C	25.72	C	3.92		*	U	0.42	23.0	
13	08	64	23.0	PA	0006	37	12.8	76	47.9	10		6	21	21	02			09.0	C	25.72	C	3.96	F	12	U	0.35	23.0	
13	08	64	23.5	PA	0006	37	12.8	76	47.9	10		6			*			00.0	C	25.50	C	3.43	L	11	D	0.44	23.6	
13	08	64	23.5	PA	0006	37	12.8	76	47.9	10		6			*			04.0	C	25.60	C	3.39		*	U	0.48	23.5	
13	08	64	23.5	PA	0006	37	12.8	76	47.9	10		6			*			08.0	C	25.68	C	3.54		*	U	0.45	23.5	
13	08	64	23.5	PA	0006	37	12.8	76	47.9	10		6			*			10.0	C	27.70	C	3.39	F	11	U	0.36	23.5	
14	08	64	00.0	PA	0006	37	12.8	76	47.9	10		7	20	20	02			00.0	C	25.38	C	3.03	L	10	D	0.34	00.2	
14	08	64	00.0	PA	0006	37	12.8	76	47.9	10		7	20	20	02			04.0	C	25.54	C	3.36		*	U	0.33	00.0	
14	08	64	00.0	PA	0006	37	12.8	76	47.9	10		7	20	20	02			08.0	C	25.68	C	3.50		*	U	0.37	00.0	
14	08	64	00.0	PA	0006	37	12.8	76	47.9	10		7	20	20	02			10.0	C	25.68	C	3.54	F	09	U	0.30	00.0	
14	08	64	00.5	PA	0006	37	12.8	76	47.9	10		7			*			00.0	C	25.40	C	3.03	L	12	D	0.16	00.7	
14	08	64	00.5	PA	0006	37	12.8	76	47.9	10		7			*			04.0	C	25.46	C	3.25		*	U	0.14	00.5	
14	08	64	00.5	PA	0006	37	12.8	76	47.9	10		7			*			08.0	C	25.68	C	3.45		*	U	0.05	00.5	
14	08	64	00.5	PA	0006	37	12.8	76	47.9	10		7			*			10.0	C	25.66	C	3.85	F	12	U	0.04	00.5	
14	08	64	01.0	PA	0006	37	12.8	76	47.9	10		8	18		01			00.0	C	25.50	C	3.02	L	15	D	0.00	01.2	
14	08	64	01.0	PA	0006	37	12.8	76	47.9	10		8	18		01			04.0	C	25.48	C	3.16		*	U	0.02	01.1	
14	08	64	01.0	PA	0006	37	12.8	76	47.9	10		8	18		01			08.0	C	25.60	C	3.48		*	U	0.08	01.1	
14	08	64	01.0	PA	0006	37	12.8	76	47.9	10		8	18		01			10.0	C	25.68	C	3.60	F	35	U	0.12	01.2	
14	08	64	01.5	PA	0006	37	12.8	76	47.9	8		1			*			00.0	C	25.46	C	3.10	L	28	D	0.22	01.7	
14	08	64	01.5	PA	0006	37	12.8	76	47.9	8		1			*			04.0	C	25.40	C	3.29		*	U	0.20	01.6	
14	08	64	01.5	PA	0006	37	12.8	76	47.9	8		1			*			08.0	C	25.66	C	3.76		*	U	0.24	01.6	
14	08	64	02.0	PA	0006	37	12.8	76	47.9	9		1	18	36	00			00.0	C	25.42	C	3.19	L	27	D	0.29	02.2	
14	08	64	02.0	PA	0006	37	12.8	76	47.9	9		1	18	36	00			04.0	C	25.42	C	3.19		*	U	0.33	02.1	
14	08	64	02.0	PA	0006	37	12.8	76	47.9	9		1	18	36	00			06.0	C	25.32	C	3.20		*	U	0.40	02.1	
14	08	64	02.0	PA	0006	37	12.8	76	47.9	9		1	18	36	00			08.0	C	25.20	C	3.27	F	32	U	0.30	02.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC		
14	08	64	02.5	PA	0006	37	12.8	76	47.9	9		2			*			00.0	C	25.28	C	3.20	L	28	D	0.45	02.7	
14	08	64	02.5	PA	0006	37	12.8	76	47.9	9		2			*			04.0	C	25.32	C	3.51		*	U	0.50	02.6	
14	08	64	02.5	PA	0006	37	12.8	76	47.9	9		2			*			06.0	C	25.38	C	3.66		*	U	0.50	02.6	
14	08	64	02.5	PA	0006	37	12.8	76	47.9	9		2			*			08.0	C	25.40	C	3.99	F	32	U	0.45	02.6	
14	08	64	03.0	PA	0006	37	12.8	76	47.9	9		2	18	1	03			00.0	C	25.34	C	3.43	L	29	D	0.45	03.2	
14	08	64	03.0	PA	0006	37	12.8	76	47.9	9		2	18	1	03			04.0	C	25.38	C	3.75		*	U	0.50	03.1	
14	08	64	03.0	PA	0006	37	12.8	76	47.9	9		2	18	1	03			06.0	C	25.38	C	3.78		*	U	0.50	03.1	
14	08	64	03.0	PA	0006	37	12.8	76	47.9	9		2	18	1	03			08.0	C	25.36	C	3.85	F	33	U	0.47	03.1	
14	08	64	03.5	PA	0006	37	12.8	76	47.9	9		2	18		*			00.0	C	25.36	C	3.46	L	30	D	0.36	03.6	
14	08	64	03.5	PA	0006	37	12.8	76	47.9	9		2	18		*			04.0	C	25.44	C	3.65		*	U	0.47	03.6	
14	08	64	03.5	PA	0006	37	12.8	76	47.9	9		2	18		*			06.0	C	25.46	C	3.74		*	U	0.47	03.6	
14	08	64	03.5	PA	0006	37	12.8	76	47.9	9		2	18		*			08.0	C	25.66	C	4.06	F	32	U	0.50	03.6	
14	08	64	04.0	PA	0006	37	12.8	76	47.9	9		2	17	3	03			00.0	C	25.36	C	3.69	L	31	D	0.52	04.2	
14	08	64	04.0	PA	0006	37	12.8	76	47.9	9		2	17	3	03			04.0	C	25.42	C	3.81		*	U	0.50	04.1	
14	08	64	04.0	PA	0006	37	12.8	76	47.9	9		2	17	3	03			06.0	C	25.49	C	3.87		*	U	0.52	04.1	
14	08	64	04.0	PA	0006	37	12.8	76	47.9	9		2	17	3	03			08.0	C	25.60	C	4.29	F	32	U	0.53	04.1	
14	08	64	04.5	PA	0006	37	12.8	76	47.9	10		3	17		*			00.0	C	25.28	C	3.85	L	30	D	0.34	04.2	
14	08	64	04.5	PA	0006	37	12.8	76	47.9	10		3	17		*			04.0	C	25.55	C	4.07		*	U	0.52	04.1	
14	08	64	04.5	PA	0006	37	12.8	76	47.9	10		3	17		*			06.0	C	25.68	C	4.41		*	U	0.54	04.1	
14	08	64	04.5	PA	0006	37	12.8	76	47.9	10		3	17		*			08.0	C	25.64	C	4.53	F	32	U	0.52	04.2	
14	08	64	04.5	PA	0006	37	12.8	76	47.9	10		3	17		*			10.0	C	25.64	C	4.53		*	U	0.40	04.2	
14	08	64	05.0	PA	0006	37	12.8	76	47.9	10		3	17	1	01			00.0	C	25.26	C	3.94	L	29	D	0.35	05.2	
14	08	64	05.0	PA	0006	37	12.8	76	47.9	10		3	17	1	01			04.0	C	25.64	C	4.57		*	U	0.52	05.1	
14	08	64	05.0	PA	0006	37	12.8	76	47.9	10		3	17	1	01			06.0	C	25.68	C	4.75		*	U	0.53	05.1	
14	08	64	05.0	PA	0006	37	12.8	76	47.9	10		3	17	1	01			08.0	C	25.66	C	4.82	F	32	U	0.51	05.2	
14	08	64	05.0	PA	0006	37	12.8	76	47.9	10		3	17	1	01			10.0	C	25.65	C	4.84		*	U	0.37	05.2	
14	08	64	05.5	PA	0006	37	12.8	76	47.9	10		3	16		*			00.0	C	25.30	C	4.11	L	29	D	0.28	05.6	
14	08	64	05.5	PA	0006	37	12.8	76	47.9	10		3	16		*			04.0	C	25.67	C	4.63		*	U	0.45	05.5	
14	08	64	05.5	PA	0006	37	12.8	76	47.9	10		3	16		*			06.0	C	25.58	C	4.76		*	U	0.47	05.5	
14	08	64	05.5	PA	0006	37	12.8	76	47.9	10		3	16		*			08.0	C	25.66	C	4.91	F	32	U	0.43	05.6	
14	08	64	06.0	PA	0006	37	12.8	76	47.9	10		3	16	36	03			00.0	C	25.32	C	4.14	L	30	D	0.22	06.2	
14	08	64	06.0	PA	0006	37	12.8	76	47.9	10		3	16	36	03			04.0	C	25.54	C	4.44		*	U	0.25	06.1	
14	08	64	06.0	PA	0006	37	12.8	76	47.9	10		3	16	36	03			06.0	C	25.66	C	4.79		*	U	0.30	06.1	
14	08	64	06.0	PA	0006	37	12.8	76	47.9	10		3	16	36	03			08.0	C	25.62	C	5.04	F	31	U	0.27	06.2	
14	08	64	06.5	PA	0006	37	12.8	76	47.9	8		4	16		*			00.0	C	25.28	C	4.12	L	31	D	0.00	06.8	
14	08	64	06.5	PA	0006	37	12.8	76	47.9	8		4	16		*			04.0	C	25.28	C	4.12		*	U	0.12	06.6	
14	08	64	06.5	PA	0006	37	12.8	76	47.9	8		4	16		*			06.0	C	25.57	C	4.70		*	U	0.13	06.6	
14	08	64	06.5	PA	0006	37	12.8	76	47.9	8		4	16		*			08.0	C	25.61	C	5.05	F	05	U	0.08	06.7	
14	08	64	07.0	PA	0006	37	12.8	76	47.9	9		4	17	3	02	1.0		00.0	C	25.18	C	3.92	L	21	D	0.00	07.2	
14	08	64	07.0	PA	0006	37	12.8	76	47.9	9		4	17	3	02	1.0		04.0	C	25.14	C	3.92		*	U	0.04	07.0	
14	08	64	07.0	PA	0006	37	12.8	76	47.9	9		4	17	3	02	1.0		06.0	C	25.30	C	4.13		*	U	0.13	07.0	
14	08	64	07.0	PA	0006	37	12.8	76	47.9	9		4	17	3	02	1.0		08.0	C	25.54	C	4.48	F	11	U	0.11	07.0	
14	08	64	07.5	PA	0006	37	12.8	76	47.9	9		5			*			00.0	C	25.22	C	4.04	L	14	D	0.20	07.7	
14	08	64	07.5	PA	0006	37	12.8	76	47.9	9		5			*			04.0	C	25.20	C	4.04		*	U	0.17	07.5	
14	08	64	07.5	PA	0006	37	12.8	76	47.9	9		5			*			06.0	C	25.18	C	4.08		*	U	0.21	07.6	
14	08	64	07.5	PA	0006	37	12.8	76	47.9	9		5			*			08.0	C	25.04	C	4.09	F	13	U	0.24	07.6	
14	08	64	08.0	PA	0006	37	12.8	76	47.9	18		5	18	3	01	1.1		00.0	C	25.20	C	4.07	L	13	D	0.35	08.1	
14	08	64	08.0	PA	0006	37	12.8	76	47.9	18		5	18	3	01	1.1		04.0	C	25.54	C	4.54		*	U	0.24	08.0	
14	08	64	08.0	PA	0006	37	12.8	76	47.9	18		5	18	3	01	1.1		06.0	C	25.60	C	4.76		*	U	0.20	08.0	
14	08	64	08.0	PA	0006	37	12.8	76	47.9	18		5	18	3	01	1.1		08.0	C	25.60	C	4.89	F	13	U	0.22	08.0	
14	08	64	08.5	PA	0006	37	12.8	76	47.9	10		6			*			00.0	C	25.18	C	4.11	L	14	D	0.46	08.7	
14	08	64	08.5	PA	0006	37	12.8	76	47.9	10		6			*			04.0	C	25.28	C	4.10		*	U	0.40	08.5	
14	08	64	08.5	PA	0006	37	12.8	76	47.9	10		6			*			06.0	C	25.38	C	4.31		*	U	0.46	08.5	
14	08	64	08.5	PA	0006	37	12.8	76	47.9	10		6			*			08.0	C	25.64	C	4.78	F	14	U	0.35	08.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
14	08	64	09.0	PA	0006	37	12.8	76	47.9	9		6	19	3	02	0.9		00.0	C	25.14	C	4.01	L	14	D	0.54	09.2		
14	08	64	09.0	PA	0006	37	12.8	76	47.9	9		6	19	3	02	0.9		04.0	C	25.24	C	4.07		*	U	0.60	09.1		
14	08	64	09.0	PA	0006	37	12.8	76	47.9	9		6	19	3	02	0.9		06.0	C	25.26	C	4.09		*	U	0.50	09.1		
14	08	64	09.0	PA	0006	37	12.8	76	47.9	9		6	19	3	02	0.9		08.0	C	25.45	C	4.32	F	14	U	0.45	09.0		
14	08	64	09.5	PA	0006	37	12.8	76	47.9	10		6			*			00.0	C	25.12	C	3.79	L	15	D	0.60	09.6		
14	08	64	09.5	PA	0006	37	12.8	76	47.9	10		6			*			04.0	C	25.22	C	3.89		*	U	0.55	09.5		
14	08	64	09.5	PA	0006	37	12.8	76	47.9	10		6			*			06.0	C	25.32	C	4.00		*	U	0.55	09.5		
14	08	64	09.5	PA	0006	37	12.8	76	47.9	10		6			*			08.0	C	25.38	C	4.09	F	16	U	0.48	09.5		
14	08	64	10.0	PA	0006	37	12.8	76	47.9	9		6	20	5	02	0.8		00.0	C	25.29	C	3.88	L	14	D	0.59	10.2		
14	08	64	10.0	PA	0006	37	12.8	76	47.9	9		6	20	5	02	0.8		04.0	C	25.44	C	4.14		*	U	0.50	10.1		
14	08	64	10.0	PA	0006	37	12.8	76	47.9	9		6	20	5	02	0.8		06.0	C	25.46	C	4.21		*	U	0.42	10.1		
14	08	64	10.0	PA	0006	37	12.8	76	47.9	9		6	20	5	02	0.8		08.0	C	25.44	C	4.24	F	14	U	0.38	10.1		
14	08	64	10.5	PA	0006	37	12.8	76	47.9	9		6			*			00.0	C	25.28	C	3.52	L	13	D	0.51	10.6		
14	08	64	10.5	PA	0006	37	12.8	76	47.9	9		6			*			04.0	C	25.28	C	3.76		*	U	0.48	10.5		
14	08	64	10.5	PA	0006	37	12.8	76	47.9	9		6			*			06.0	C	25.40	C	3.97		*	U	0.42	10.5		
14	08	64	10.5	PA	0006	37	12.8	76	47.9	9		6			*			08.0	C	25.44	C	4.06	F	13	U	0.30	10.5		
14	08	64	11.0	PA	0006	37	12.8	76	47.9	9		6	21	4	01	0.8		00.0	C	25.28	C	3.25	L	13	D	0.48	11.1		
14	08	64	11.0	PA	0006	37	12.8	76	47.9	9		6	21	4	01	0.8		04.0	C	25.22	C	3.56		*	U	0.45	11.0		
14	08	64	11.0	PA	0006	37	12.8	76	47.9	9		6	21	4	01	0.8		06.0	C	25.28	C	3.72		*	U	0.38	11.0		
14	08	64	11.0	PA	0006	37	12.8	76	47.9	9		6	21	4	01	0.8		08.0	C	25.28	C	3.76	F	14	U	0.31	11.0		
14	08	64	11.5	PA	0006	37	12.8	76	47.9	9		6			*			00.0	C	25.26	C	3.11	L	14	D	0.38	11.6		
14	08	64	11.5	PA	0006	37	12.8	76	47.9	9		6			*			04.0	C	25.19	C	3.48		*	U	0.30	11.5		
14	08	64	11.5	PA	0006	37	12.8	76	47.9	9		6			*			06.0	C	25.20	C	3.58		*	U	0.22	11.5		
14	08	64	11.5	PA	0006	37	12.8	76	47.9	9		6			*			08.0	C	25.16	C	3.63	F	14	U	0.22	11.5		
14	08	64	12.0	PA	0006	37	12.8	76	47.9	9		6	22	2	00	0.8		00.0	C	25.30	C	2.95	L	11	D	0.28	12.1		
14	08	64	12.0	PA	0006	37	12.8	76	47.9	9		6	22	2	00	0.8		04.0	C	25.18	C	3.36		*	U	0.17	12.2		
14	08	64	12.0	PA	0006	37	12.8	76	47.9	9		6	22	2	00	0.8		06.0	C	25.19	C	3.42		*	U	0.10	12.2		
14	08	64	12.0	PA	0006	37	12.8	76	47.9	9		6	22	2	00	0.8		08.0	C	25.18	C	3.49	F	12	U	0.05	12.2		
14	08	64	12.5	PA	0006	37	12.8	76	47.9	9		8			*			00.0	C	25.32	C	2.79	L	09	D	0.00	12.6		
14	08	64	12.5	PA	0006	37	12.8	76	47.9	9		8			*			04.0	C	25.27	C	3.20		*	U	0.02	12.5		
14	08	64	12.5	PA	0006	37	12.8	76	47.9	9		8			*			06.0	C	25.18	C	3.24		*	U	0.03	12.5		
14	08	64	12.5	PA	0006	37	12.8	76	47.9	9		8			*			08.0	C	25.17	C	3.33	F	10	U	0.03	12.5		
14	08	64	13.0	PA	0006	37	12.8	76	47.9	9		8	23	20	00	1.0		00.0	C	25.41	C	2.84	L	26	D	0.00	13.1		
14	08	64	13.0	PA	0006	37	12.8	76	47.9	9		8	23	20	00	1.0		04.0	C	25.23	C	3.32		*	U	0.12	13.1		
14	08	64	13.0	PA	0006	37	12.8	76	47.9	9		8	23	20	00	1.0		06.0	C	25.22	C	3.39		*	U	0.10	13.1		
14	08	64	13.0	PA	0006	37	12.8	76	47.9	9		8	23	20	00	1.0		08.0	C	25.24	C	3.79	F	34	U	0.12	13.1		
14	08	64	13.5	PA	0006	37	12.8	76	47.9	8		1			*			00.0	C	25.34	C	2.64	L	30	D	0.24	13.7		
14	08	64	13.5	PA	0006	37	12.8	76	47.9	8		1	23		*			04.0	C	25.13	C	3.24		*	U	0.45	13.6		
14	08	64	13.5	PA	0006	37	12.8	76	47.9	8		1	23		*			06.0	C	25.14	C	3.24		*	U	0.43	13.6		
14	08	64	13.5	PA	0006	37	12.8	76	47.9	8		1	23		*			08.0	C	25.06	C	3.25	F	33	U	0.31	13.7		
14	08	64	14.0	PA	0006	37	12.8	76	47.9	8		1	22	21	00	1.0		00.0	C	25.47	C	2.94	L	32	D	0.31	14.2		
14	08	64	14.0	PA	0006	37	12.8	76	47.9	8		1	22	21	00	1.0		04.0	C	25.13	C	3.55		*	U	0.50	14.1		
14	08	64	14.0	PA	0006	37	12.8	76	47.9	8		1	22	21	00	1.0		06.0	C	25.14	C	3.64		*	U	0.50	14.1		
14	08	64	14.0	PA	0006	37	12.8	76	47.9	8		1	22	21	00	1.0		08.0	C	25.30	C	3.90	F	33	U	0.41	14.1		
14	08	64	14.5	PA	0006	37	12.8	76	47.9	8		2	24		*			00.0	C	25.37	C	3.31	L	32	D	0.44	14.7		
14	08	64	14.5	PA	0006	37	12.8	76	47.9	8		2	24		*			04.0	C	25.19	C	3.61		*	U	0.51	14.6		
14	08	64	14.5	PA	0006	37	12.8	76	47.9	8		2	24		*			06.0	C	25.19	C	3.70		*	U	0.50	14.6		
14	08	64	14.5	PA	0006	37	12.8	76	47.9	8		2	24		*			08.0	C	25.38	C	4.25	F	32	U	0.30	14.7		
14	08	64	15.0	PA	0006	37	12.8	76	47.9	9		2	24		00	1.0		00.0	C	25.50	C	3.36	L	31	D	0.52	15.1		
14	08	64	15.0	PA	0006	37	12.8	76	47.9	9		2	24		00	1.0		04.0	C	25.22	C	3.76		*	U	0.52	15.1		
14	08	64	15.0	PA	0006	37	12.8	76	47.9	9		2	24		00	1.0		06.0	C	25.24	C	3.82		*	U	0.52	15.1		
14	08	64	15.0	PA	0006	37	12.8	76	47.9	9		2	24		00	1.0		08.0	C	25.52	C	4.74	F	31	U	0.51	15.1		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
14	08	64	15.5	PA	0006	37	12.8	76	47.9	9		2	24		*			00.0	C	25.62	C	3.42	L	30	D	0.57	15.6		
14	08	64	15.5	PA	0006	37	12.8	76	47.9	9		2	24		*			04.0	C	25.33	C	3.85		*	U	0.52	15.6		
14	08	64	15.5	PA	0006	37	12.8	76	47.9	9		2	24		*			06.0	C	25.46	C	4.34		*	U	0.51	15.6		
14	08	64	15.5	PA	0006	37	12.8	76	47.9	9		2	24		*			08.0	C	25.53	C	4.77	F	32	U	0.51	15.6		
14	08	64	16.0	PA	0006	37	12.8	76	47.9	9		2	23		00	1.1		00.0	C	26.12	C	3.38	L	31	D	0.56	16.1		
14	08	64	16.0	PA	0006	37	12.8	76	47.9	9		2	23		00	1.1		04.0	C	25.38	C	3.93		*	U	0.60	16.0		
14	08	64	16.0	PA	0006	37	12.8	76	47.9	9		2	23		00	1.1		06.0	C	25.52	C	4.69		*	U	0.60	16.0		
14	08	64	16.0	PA	0006	37	12.8	76	47.9	9		2	23		00	1.1		08.0	C	25.52	C	4.77	F	32	U	0.55	16.0		
14	08	64	16.5	PA	0006	37	12.8	76	47.9	9		2			*			00.0	C	25.44	C	3.84	L	32	D	0.51	16.6		
14	08	64	16.5	PA	0006	37	12.8	76	47.9	9		2			*			04.0	C	25.44	C	4.21		*	U	0.60	16.5		
14	08	64	16.5	PA	0006	37	12.8	76	47.9	9		2			*			06.0	C	25.58	C	4.82		*	U	0.62	16.5		
14	08	64	16.5	PA	0006	37	12.8	76	47.9	9		2			*			08.0	C	25.60	C	4.86	F	32	U	0.55	16.5		
14	08	64	17.0	PA	0006	37	12.8	76	47.9	9		2	22		00	0.8		00.0	C	25.44	C	4.08	L	32	D	0.44	17.2		
14	08	64	17.0	PA	0006	37	12.8	76	47.9	9		2	22		00	0.8		04.0	C	25.60	C	4.82		*	U	0.55	17.1		
14	08	64	17.0	PA	0006	37	12.8	76	47.9	9		2	22		00	0.8		06.0	C	25.64	C	4.85		*	U	0.52	17.1		
14	08	64	17.0	PA	0006	37	12.8	76	47.9	9		2	22		00	0.8		08.0	C	25.64	C	4.85	F	32	U	0.40	17.1		
14	08	64	17.5	PA	0006	37	12.8	76	47.9	9		2			*			00.0	C	25.40	C	4.23	L	33	D	0.44	17.6		
14	08	64	17.5	PA	0006	37	12.8	76	47.9	9		2			*			04.0	C	25.62	C	5.01		*	U	0.53	17.5		
14	08	64	17.5	PA	0006	37	12.8	76	47.9	9		2			*			06.0	C	25.62	C	5.01		*	U	0.52	*7.5		
14	08	64	17.5	PA	0006	37	12.8	76	47.9	9		2			*			08.0	C	25.62	C	5.04	F	32	U	0.43	17.5		
14	08	64	18.0	PA	0006	37	12.8	76	47.9	9		3	22		00			00.0	C	25.36	C	4.20	L	33	D	0.29	18.1		
14	08	64	18.0	PA	0006	37	12.8	76	47.9	9		3	22		00			04.0	C	25.60	C	5.05		*	U	0.52	18.0		
14	08	64	18.0	PA	0006	37	12.8	76	47.9	9		3	22		00			06.0	C	25.58	C	5.11		*	U	0.50	18.0		
14	08	64	18.0	PA	0006	37	12.8	76	47.9	9		3	22		00			08.0	C	25.58	C	5.11	F	32	U	0.40	18.0		
14	08	64	18.5	PA	0006	37	12.8	76	47.9	9		3			*			00.0	C	25.37	C	4.30	L	32	D	0.14	18.7		
14	08	64	18.5	PA	0006	37	12.8	76	47.9	9		3			*			04.0	C	25.52	C	5.28		*	U	0.44	18.5		
14	08	64	18.5	PA	0006	37	12.8	76	47.9	9		3			*			06.0	C	25.54	C	5.30		*	U	0.35	18.6		
14	08	64	18.5	PA	0006	37	12.8	76	47.9	9		3			*			08.0	C	25.54	C	5.30	F	33	U	0.26	18.6		
14	08	64	19.0	PA	0006	37	12.8	76	47.9	9		3	22	23	00			00.0	C	25.34	C	4.35	L	27	D	0.10	19.2		
14	08	64	19.0	PA	0006	37	12.8	76	47.9	9		3	22	23	00			04.0	C	25.52	C	4.49		*	U	0.15	19.1		
14	08	64	19.0	PA	0006	37	12.8	76	47.9	9		3	22	23	00			06.0	C	25.54	C	5.02		*	U	0.23	19.1		
14	08	64	19.0	PA	0006	37	12.8	76	47.9	9		3	22	23	00			08.0	C	25.48	C	5.47	F	33	U	0.20	19.1		
14	08	64	19.5	PA	0006	37	12.8	76	47.9	9		4			*			00.0	C	25.56	C	4.25		*	D	0.00	19.6		
14	08	64	19.5	PA	0006	37	12.8	76	47.9	9		4			*			04.0	C	25.50	C	4.33		*	U	0.01	19.5		
14	08	64	19.5	PA	0006	37	12.8	76	47.9	9		4			*			06.0	C	25.60	C	4.73		*	U	0.08	19.5		
14	08	64	19.5	PA	0006	37	12.8	76	47.9	9		4			*			08.0	C	25.56	C	5.02	F	34	U	0.12	19.5		
14	08	64	20.0	PA	0006	37	12.8	76	47.9	9		5	21	36	02			00.0	C	25.42	C	4.15	L	08	D	0.13	20.3		
14	08	64	20.0	PA	0006	37	12.8	76	47.9	9		5	21	36	02			04.0	C	25.64	C	5.01		*	U	0.01	20.0		
14	08	64	20.0	PA	0006	37	12.8	76	47.9	9		5	21	36	02			06.0	C	25.62	C	5.16		*	U	0.03	20.0		
14	08	64	20.0	PA	0006	37	12.8	76	47.9	9		5	21	36	02			08.0	C	25.56	C	5.17		*	U	0.05	20.0		
14	08	64	20.5	PA	0006	37	12.8	76	47.9	9		5			*			00.0	C	25.38	C	4.20	L	10	D	0.34	20.7		
14	08	64	20.5	PA	0006	37	12.8	76	47.9	9		5			*			04.0	C	25.50	C	4.67		*	U	0.27	20.5		
14	08	64	20.5	PA	0006	37	12.8	76	47.9	9		5			*			06.0	C	25.52	C	5.03		*	U	0.26	20.5		
14	08	64	20.5	PA	0006	37	12.8	76	47.9	9		5			*			08.0	C	25.51	C	5.12	F	13	U	0.22	20.5		
14	08	64	21.0	PA	0006	37	12.8	76	47.9	9		6	20	19	02			00.0	C	25.18	C	4.28	L	12	D	0.34	21.1		
14	08	64	21.0	PA	0006	37	12.8	76	47.9	9		6	20	19	02			04.0	C	25.46	C	4.68		*	U	0.47	21.0		
14	08	64	21.0	PA	0006	37	12.8	76	47.9	9		6	20	19	02			06.0	C	25.48	C	4.87		*	U	0.41	21.0		
14	08	64	21.0	PA	0006	37	12.8	76	47.9	9		6	20	19	02			08.0	C	25.48	C	4.99	F	13	U	0.30	21.0		
14	08	64	21.5	PA	0006	37	12.8	76	47.9	9		6			*			00.0	C	25.10	C	4.14	L	11	D	0.51	21.6		
14	08	64	21.5	PA	0006	37	12.8	76	47.9	9		6			*			04.0	C	25.25	C	4.45		*	U	0.60	21.5		
14	08	64	21.5	PA	0006	37	12.8	76	47.9	9		6			*			06.0	C	25.35	C	4.56		*	1	0.50	21.5		
14	08	64	21.5	PA	0006	37	12.8	76	47.9	9		6			*			08.0	C	25.54	C	5.14	F	12	U	0.48	21.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
14	08	64	22.0	PA	0006	37	12.8	76	47.9	9		6	19	16	03			00.0	C	25.00	C	4.31	L	11	D	0.51	22.2		
14	08	64	22.0	PA	0006	37	12.8	76	47.9	9		6	19	16	03			04.0	C	25.42	C	4.88		*	U	0.52	22.1		
14	08	64	22.0	PA	0006	37	12.8	76	47.9	9		6	19	16	03			06.0	C	25.58	C	4.98		*	U	0.51	22.1		
14	08	64	22.0	PA	0006	37	12.8	76	47.9	9		6	19	16	03			08.0	C	25.59	C	5.05	F	13	U	0.40	22.1		
14	08	64	22.5	PA	0006	37	12.8	76	47.9	9		6	19		*			00.0	C	25.20	C	4.54	L	11	D	0.46	22.7		
14	08	64	22.5	PA	0006	37	12.8	76	47.9	9		6	19		*			04.0	C	25.38	C	4.68		*	U	0.52	22.6		
14	08	64	22.5	PA	0006	37	12.8	76	47.9	9		6	19		*			06.0	C	25.53	C	4.85		*	U	0.51	22.6		
14	08	64	22.5	PA	0006	37	12.8	76	47.9	9		6	19		*			08.0	C	25.57	C	4.98	F	11	U	0.39	22.6		
14	08	64	23.0	PA	0006	37	12.8	76	47.9	9		6	18	14	02			00.0	C	25.21	C	4.45	L	11	D	0.44	23.2		
14	08	64	23.0	PA	0006	37	12.8	76	47.9	9		6	18	14	02			04.0	C	25.35	C	4.46		*	U	0.52	23.1		
14	08	64	23.0	PA	0006	37	12.8	76	47.9	9		6	18	14	02			06.0	C	25.38	C	4.55		*	U	0.51	23.1		
14	08	64	23.0	PA	0006	37	12.8	76	47.9	9		6	18	14	02			08.0	C	25.45	C	4.62	F	14	U	0.33	23.1		
14	08	64	23.5	PA	0006	37	12.8	76	47.9	9		6	18		*			00.0	C	25.22	C	4.22	L	11	D	0.48	23.7		
14	08	64	23.5	PA	0006	37	12.8	76	47.9	9		6	18		*			04.0	C	25.30	C	4.29		*	U	0.52	23.6		
14	08	64	23.5	PA	0006	37	12.8	76	47.9	9		6	18		*			06.0	C	25.42	C	4.49		*	U	0.51	23.6		
14	08	64	23.5	PA	0006	37	12.8	76	47.9	9		6	18		*			08.0	C	25.44	C	4.61	F	14	U	0.29	23.6		
15	08	64	00.0	PA	0006	37	12.8	76	47.9	8		7	18	18	03			00.0	C	25.16	C	4.14	L	11	D	0.43	00.2		
15	08	64	00.0	PA	0006	37	12.8	76	47.9	8		7	18	18	03			04.0	C	25.17	C	4.14		*	U	0.51	00.1		
15	08	64	00.0	PA	0006	37	12.8	76	47.9	8		7	18	18	03			06.0	C	25.22	C	4.16		*	U	0.48	00.1		
15	08	64	00.0	PA	0006	37	12.8	76	47.9	8		7	18	18	03			08.0	C	25.34	C	4.19	F	13	U	0.22	00.1		
15	08	64	00.5	PA	0006	37	12.8	76	47.9	9		7	19		*			00.0	C	25.10	C	3.82	L	11	D	0.41	00.7		
15	08	64	00.5	PA	0006	37	12.8	76	47.9	9		7	19		*			04.0	C	25.13	C	3.98		*	U	0.36	00.6		
15	08	64	00.5	PA	0006	37	12.8	76	47.9	9		7	19		*			06.0	C	25.14	C	4.01		*	U	0.33	00.6		
15	08	64	00.5	PA	0006	37	12.8	76	47.9	9		7	19		*			08.0	C	25.16	C	4.00	F	13	U	0.15	00.6		
15	08	64	01.0	PA	0006	37	12.8	76	47.9	8		7	19	21	03			00.0	C	25.00	C	3.68	L	11	D	0.22	01.2		
15	08	64	01.0	PA	0006	37	12.8	76	47.9	8		7	19	21	03			04.0	C	25.02	C	3.84		*	U	0.30	01.0		
15	08	64	01.0	PA	0006	37	12.8	76	47.9	8		7	19	21	03			06.0	C	25.08	C	3.87		*	U	0.20	01.0		
15	08	64	01.0	PA	0006	37	12.8	76	47.9	8		7	19	21	03			08.0	C	25.18	C	3.92	F	10	U	0.21	01.0		
15	08	64	01.5	PA	0006	37	12.8	76	47.9	8		7			*			00.0	C	24.98	C	3.59	L	14	D	0.19	01.7		
15	08	64	01.5	PA	0006	37	12.8	76	47.9	8		7			*			04.0	C	25.08	C	3.61		*	U	0.15	01.5		
15	08	64	01.5	PA	0006	37	12.8	76	47.9	8		7			*			06.0	C	25.06	C	3.83		*	U	0.08	01.5		
15	08	64	01.5	PA	0006	37	12.8	76	47.9	8		7			*			08.0	C	24.98	C	3.90	F	66	U	0.06	01.5		
15	08	64	02.0	PA	0006	37	12.8	76	47.9	8		7	18	13	02			00.0	C	24.82	C	3.42	L	14	D	0.16	02.2		
15	08	64	02.0	PA	0006	37	12.8	76	47.9	8		7	18	13	02			04.0	C	24.98	C	3.63		*	U	0.08	02.0		
15	08	64	02.0	PA	0006	37	12.8	76	47.9	8		7	18	13	02			06.0	C	24.98	C	3.65		*	U	0.13	02.0		
15	08	64	02.0	PA	0006	37	12.8	76	47.9	8		7	18	13	02			08.0	C	25.00	C	3.69	F	66	U	0.13	02.0		
15	08	64	02.5	PA	0006	37	12.8	76	47.9	8		1			*			00.0	C	24.80	C	3.22	L	32	D	0.19	02.9		
15	08	64	02.5	PA	0006	37	12.8	76	47.9	8		1			*			04.0	C	24.78	C	3.35		*	U	0.20	02.8		
15	08	64	02.5	PA	0006	37	12.8	76	47.9	8		1			*			06.0	C	24.76	C	3.67		*	U	0.30	02.8		
15	08	64	02.5	PA	0006	37	12.8	76	47.9	8		1			*			08.0	C	24.60	C	3.69	F	31	U	0.37	02.8		
15	08	64	03.0	PA	0006	37	12.8	76	47.9	8		1	18		00			00.0	C	24.78	C	3.26	L	30	D	0.25	03.1		
15	08	64	03.0	PA	0006	37	12.8	76	47.9	8		1	18		00			04.0	C	24.88	C	3.76		*	U	0.30	03.0		
15	08	64	03.0	PA	0006	37	12.8	76	47.9	8		1	18		00			06.0	C	24.88	C	3.85		*	U	0.43	03.0		
15	08	64	03.0	PA	0006	37	12.8	76	47.9	8		1	18		00			08.0	C	25.02	C	4.18	F	31	U	0.39	03.0		
14	08	64	02.5	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	18.53	D	77	D	0.25	02.6		
14	08	64	03.0	HO	0006	37	00.5	76	28.8	10		3			*			00.0			R	18.62		*		*	*		
14	08	64	03.0	HO	0006	37	00.5	76	28.8	10		3			*			02.0					P	77	V	0.30	03.4		
14	08	64	03.0	HO	0006	37	00.5	76	28.8	10		3			*			04.0					P	77	V	0.26	03.4		
14	08	64	03.0	HO	0006	37	00.5	76	28.8	10		3			*			06.0					P	77	V	0.19	03.4		
14	08	64	03.0	HO	0006	37	00.5	76	28.8	10		3			*			08.0					P	77	V	0.14	03.4		
14	08	64	03.0	HO	0006	37	00.5	76	28.8	10		3			*			10.0					P	77	V	0.11	03.4		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
14	08	64	03.5	HO	0006	37	00.5	76	28.8	10	3			*		00.0			R	18.78	P	28	D	0.00	03.8
14	08	64	03.5	HO	0006	37	00.5	76	28.8	10	3			*		02.0					P	77	V	0.25	03.6
14	08	64	03.5	HO	0006	37	00.5	76	28.8	10	3			*		04.0					P	77	V	0.15	03.6
14	08	64	03.5	HO	0006	37	00.5	76	28.8	10	3			*		06.0					P	77	V	0.14	03.6
14	08	64	03.5	HO	0006	37	00.5	76	28.8	10	3			*		08.0					P	77	V	0.13	03.6
14	08	64	03.5	HO	0006	37	00.5	76	28.8	10	3			*		10.0					P	77	V	0.15	03.7
14	08	64	04.0	HO	0006	37	00.5	76	28.8	10	4			*		00.0			R	19.04	P	00	D	0.00	04.1
14	08	64	04.0	HO	0006	37	00.5	76	28.8	10	4			*		02.0					P	00	V	0.00	04.1
14	08	64	04.0	HO	0006	37	00.5	76	28.8	10	4			*		04.0						*	V	0.06	04.1
14	08	64	04.0	HO	0006	37	00.5	76	28.8	10	4			*		06.0					P	00	V	0.00	04.1
14	08	64	04.0	HO	0006	37	00.5	76	28.8	10	4			*		08.0					P	00	V	0.00	04.1
14	08	64	04.0	HO	0006	37	00.5	76	28.8	10	4			*		10.0					P	00	V	0.00	04.1
14	08	64	04.5	HO	0006	37	00.5	76	28.8	10	*			*		00.0			R	19.47	P	21	D	0.05	04.7
14	08	64	04.5	HO	0006	37	00.5	76	28.8	10	*			*		02.0					P	66	V	0.00	04.6
14	08	64	04.5	HO	0006	37	00.5	76	28.8	10	*			*		04.0					P	66	V	0.00	04.6
14	08	64	04.5	HO	0006	37	00.5	76	28.8	10	*			*		06.0					P	66	V	0.07	04.6
14	08	64	04.5	HO	0006	37	00.5	76	28.8	10	*			*		08.0					P	66	V	0.07	04.6
14	08	64	04.5	HO	0006	37	00.5	76	28.8	10	*			*		10.0					P	66	V	0.09	04.6
14	08	64	05.0	HO	0006	37	00.5	76	28.8	10	*			*		00.0			R	19.63	P	66	D	0.16	05.2
14	08	64	05.0	HO	0006	37	00.5	76	28.8	10	*			*		02.0					P	66	V	0.09	05.1
14	08	64	05.0	HO	0006	37	00.5	76	28.8	10	*			*		04.0					P	66	V	0.06	05.1
14	08	64	05.0	HO	0006	37	00.5	76	28.8	10	*			*		06.0					P	66	V	0.00	05.1
14	08	64	05.0	HO	0006	37	00.5	76	28.8	10	*			*		08.0					P	66	V	0.00	05.1
14	08	64	05.0	HO	0006	37	00.5	76	28.8	10	*			*		10.0					P	66	V	0.00	05.1
14	08	64	05.5	HO	0006	37	00.5	76	28.8	10	*			*		00.0			R	19.49	P	66	D	0.31	05.7
14	08	64	05.5	HO	0006	37	00.5	76	28.8	10	*			*		02.0					P	66	V	0.30	05.6
14	08	64	05.5	HO	0006	37	00.5	76	28.8	10	*			*		04.0					P	66	V	0.12	05.6
14	08	64	05.5	HO	0006	37	00.5	76	28.8	10	*			*		06.0					P	66	V	0.00	05.6
14	08	64	05.5	HO	0006	37	00.5	76	28.8	10	*			*		08.0					P	66	V	0.11	05.6
14	08	64	05.5	HO	0006	37	00.5	76	28.8	10	*			*		10.0					P	66	V	0.15	05.6
14	08	64	06.0	HO	0006	37	00.5	76	28.8	10	*			*		00.0					P	66	D	0.36	06.2
14	08	64	06.0	HO	0006	37	00.5	76	28.8	10	*			*		02.0					P	66	V	0.30	06.1
14	08	64	06.0	HO	0006	37	00.5	76	28.8	10	*			*		04.0					P	66	V	0.24	06.1
14	08	64	06.0	HO	0006	37	00.5	76	28.8	10	*			*		06.0					P	66	V	0.12	06.1
14	08	64	06.0	HO	0006	37	00.5	76	28.8	10	*			*		08.0					P	66	V	0.22	06.1
14	08	64	06.0	HO	0006	37	00.5	76	28.8	10	*			*		10.0					P	66	V	0.13	06.1
14	08	64	06.5	HO	0006	37	00.5	76	28.8	10	*			*		00.0					P	16	D	0.45	06.7
14	08	64	06.5	HO	0006	37	00.5	76	28.8	10	*			*		02.0					P	66	V	0.45	06.6
14	08	64	06.5	HO	0006	37	00.5	76	28.8	10	*			*		04.0					P	66	V	0.38	06.6
14	08	64	06.5	HO	0006	37	00.5	76	28.8	10	*			*		06.0					P	66	V	0.30	06.6
14	08	64	06.5	HO	0006	37	00.5	76	28.8	10	*			*		08.0					P	66	V	0.30	06.6
14	08	64	06.5	HO	0006	37	00.5	76	28.8	10	*			*		10.0					P	66	V	0.21	06.6
14	08	64	07.0	HO	0006	37	00.5	76	28.8	10	*			*		00.0			R	19.31	P	17	D	0.36	07.4
14	08	64	07.0	HO	0006	37	00.5	76	28.8	10	*			*		02.0					P	66	V	0.38	07.3
14	08	64	07.0	HO	0006	37	00.5	76	28.8	10	*			*		04.0					P	66	V	0.38	07.2
14	08	64	07.0	HO	0006	37	00.5	76	28.8	10	*			*		06.0					P	66	V	0.42	07.2
14	08	64	07.0	HO	0006	37	00.5	76	28.8	10	*			*		08.0					P	66	V	0.31	07.2
14	08	64	07.0	HO	0006	37	00.5	76	28.8	10	*			*		10.0					P	66	V	0.22	07.2
14	08	64	07.5	HO	0006	37	00.5	76	28.8	10	*			*		00.0			R	19.26	P	17	D	0.32	07.6
14	08	64	07.5	HO	0006	37	00.5	76	28.8	10	*			*		02.0					P	66	V	0.40	07.5
14	08	64	07.5	HO	0006	37	00.5	76	28.8	10	*			*		04.0					P	66	V	0.36	07.5
14	08	64	07.5	HO	0006	37	00.5	76	28.8	10	*			*		06.0					P	66	V	0.31	07.5
14	08	64	07.5	HO	0006	37	00.5	76	28.8	10	*			*		08.0					P	66	V	0.34	07.5
14	08	64	07.5	HO	0006	37	00.5	76	28.8	10	*			*		10.0					P	66	V	0.31	07.5
14	08	64	08.0	HO	0006	37	00.5	76	28.8	10	*			*		00.0			R	19.00	P	15	D	0.26	08.2
14	08	64	08.0	HO	0006	37	00.5	76	28.8	10	*			*		02.0						66	V	0.32	08.1
14	08	64	08.0	HO	0006	37	00.5	76	28.8	10	*			*		04.0						66	V	0.36	08.1
14	08	64	08.0	HO	0006	37	00.5	76	28.8	10	*			*		06.0						66	V	0.37	08.1
14	08	64	08.0	HO	0006	37	00.5	76	28.8	10	*			*		08.0						66	V	0.21	08.1
14	08	64	08.0	HO	0006	37	00.5	76	28.8	10	*			*		10.0						66	V	0.11	08.1

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT					SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
14	08	64	08.5	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	18.99	P	15	D	0.26		08.7	
14	08	64	08.5	HO	0006	37	00.5	76	28.8	10		*			*			02.0						*	V	0.23		08.6	
14	08	64	08.5	HO	0006	37	00.5	76	28.8	10		*			*			04.0						*	V	0.32		08.6	
14	08	64	08.5	HO	0006	37	00.5	76	28.8	10		*			*			06.0						*	V	0.19		08.6	
14	08	64	08.5	HO	0006	37	00.5	76	28.8	10		*			*			08.0						*	V	0.12		08.6	
14	08	64	08.5	HO	0006	37	00.5	76	28.8	10		*			*			10.0						*	V	0.09		08.6	
14	08	64	09.0	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	18.83	P	15	D	0.22		09.1	
14	08	64	09.0	HO	0006	37	00.5	76	28.8	10		*			*			02.0						*	V	0.22		09.1	
14	08	64	09.0	HO	0006	37	00.5	76	28.8	10		*			*			04.0						*	V	0.20		09.1	
14	08	64	09.0	HO	0006	37	00.5	76	28.8	10		*			*			06.0						*	V	0.12		09.1	
14	08	64	09.0	HO	0006	37	00.5	76	28.8	10		*			*			08.0						*	V	0.09		09.1	
14	08	64	09.0	HO	0006	37	00.5	76	28.8	10		*			*			10.0						*	V	0.10		09.1	
14	08	64	09.5	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	18.74		*		0.15		09.7	
14	08	64	09.5	HO	0006	37	00.5	76	28.8	10		*			*			02.0						*		0.13		09.6	
14	08	64	09.5	HO	0006	37	00.5	76	28.8	10		*			*			04.0						*		0.23		09.6	
14	08	64	09.5	HO	0006	37	00.5	76	28.8	10		*			*			06.0						*		0.09		09.6	
14	08	64	09.5	HO	0006	37	00.5	76	28.8	10		*			*			08.0						*		0.08		09.6	
14	08	64	09.5	HO	0006	37	00.5	76	28.8	10		*			*			10.0						*		0.06		09.6	
14	08	64	10.0	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	18.62		*		*		*	
14	08	64	10.0	HO	0006	37	00.5	76	28.8	10		*			*			02.0						*		0.06		10.0	
14	08	64	10.0	HO	0006	37	00.5	76	28.8	10		*			*			04.0						*		0.10		10.0	
14	08	64	10.0	HO	0006	37	00.5	76	28.8	10		*			*			06.0						*		0.05		10.0	
14	08	64	10.0	HO	0006	37	00.5	76	28.8	10		*			*			08.0						*		0.07		10.0	
14	08	64	10.0	HO	0006	37	00.5	76	28.8	10		*			*			10.0						*		0.00		10.0	
14	08	64	10.5	HO	0006	37	00.5	76	28.8	10		8			*			00.0					P	00	D	0.00		10.6	
14	08	64	10.5	HO	0006	37	00.5	76	28.8	10		8			*			02.0						*	V	0.06		10.6	
14	08	64	10.5	HO	0006	37	00.5	76	28.8	10		8			*			04.0						*	V	0.10		10.6	
14	08	64	10.5	HO	0006	37	00.5	76	28.8	10		8			*			06.0						*	V	0.15		10.6	
14	08	64	10.5	HO	0006	37	00.5	76	28.8	10		8			*			08.0						*	V	0.06		10.6	
14	08	64	10.5	HO	0006	37	00.5	76	28.8	10		8			*			10.0						*	V	0.00		10.6	
14	08	64	11.0	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	18.57	P	33	D	0.14		11.3	
14	08	64	11.0	HO	0006	37	00.5	76	28.8	10		*			*			02.0					P	00	V	0.12		11.1	
14	08	64	11.0	HO	0006	37	00.5	76	28.8	10		*			*			04.0						*	V	0.11		11.1	
14	08	64	11.0	HO	0006	37	00.5	76	28.8	10		*			*			06.0						*	V	0.24		11.1	
14	08	64	11.0	HO	0006	37	00.5	76	28.8	10		*			*			08.0						*	V	0.27		11.1	
14	08	64	11.0	HO	0006	37	00.5	76	28.8	10		*			*			10.0						*	V	0.17		11.1	
14	08	64	11.5	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	18.26	P	34	D	0.21		11.7	
14	08	64	11.5	HO	0006	37	00.5	76	28.8	10		*			*			02.0					P	*	V	0.31		11.6	
14	08	64	11.5	HO	0006	37	00.5	76	28.8	10		*			*			04.0					P	*	V	0.42		11.6	
14	08	64	11.5	HO	0006	37	00.5	76	28.8	10		*			*			06.0					P	*	V	0.45		11.6	
14	08	64	11.5	HO	0006	37	00.5	76	28.8	10		*			*			08.0					P	*	V	0.40		11.6	
14	08	64	11.5	HO	0006	37	00.5	76	28.8	10		*			*			10.0					P	*	V	0.32		11.6	
14	08	64	12.0	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	18.02	P	33	D	0.51		12.3	
14	08	64	12.0	HO	0006	37	00.5	76	28.8	10		*			*			02.0						*	V	0.45		12.1	
14	08	64	12.0	HO	0006	37	00.5	76	28.8	10		*			*			04.0						*	V	0.45		12.2	
14	08	64	12.0	HO	0006	37	00.5	76	28.8	10		*			*			06.0						*	V	0.50		12.2	
14	08	64	12.0	HO	0006	37	00.5	76	28.8	10		*			*			08.0						*	V	0.40		12.2	
14	08	64	12.0	HO	0006	37	00.5	76	28.8	10		*			*			10.0						*	V	0.30		12.2	
14	08	64	12.5	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	18.35	P	33	D	0.87		12.7	
14	08	64	12.5	HO	0006	37	00.5	76	28.8	10		*			*			02.0						*	V	0.50		12.6	
14	08	64	12.5	HO	0006	37	00.5	76	28.8	10		*			*			04.0						*	V	0.50		12.6	
14	08	64	12.5	HO	0006	37	00.5	76	28.8	10		*			*			06.0						*	V	0.50		12.6	
14	08	64	12.5	HO	0006	37	00.5	76	28.8	10		*			*			08.0						*	V	0.45		12.6	
14	08	64	12.5	HO	0006	37	00.5	76	28.8	10		*			*			10.0						*	V	0.30		12.6	
14	08	64	13.0	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	18.31	P	33	D	0.90		13.0	
14	08	64	13.0	HO	0006	37	00.5	76	28.8	10		*			*			02.0						*	V	0.50		13.0	
14	08	64	13.0	HO	0006	37	00.5	76	28.8	10		*			*			04.0						*	V	0.50		13.0	
14	08	64	13.0	HO	0006	37	00.5	76	28.8	10		*			*			06.0						*	V	0.50		13.0	
14	08	64	13.0	HO	0006	37	00.5	76	28.8	10		*			*			08.0						*	V	0.40		13.0	
14	08	64	13.0	HO	0006	37	00.5	76	28.8	10		*			*			10.0						*	V	0.30		13.0	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
14	08	64	13.5	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	19.52	P	33	D	1.12	13.7	
14	08	64	13.5	HO	0006	37	00.5	76	28.8	10		*			*			02.0						*	V	0.55	13.6	
14	08	64	13.5	HO	0006	37	00.5	76	28.8	10		*			*			04.0						*	V	0.50	13.6	
14	08	64	13.5	HO	0006	37	00.5	76	28.8	10		*			*			06.0						*	V	0.45	13.6	
14	08	64	13.5	HO	0006	37	00.5	76	28.8	10		*			*			08.0						*	V	0.35	13.6	
14	08	64	13.5	HO	0006	37	00.5	76	28.8	10		*			*			10.0						*	V	0.35	13.6	
14	08	64	14.0	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	19.66	P	33	D	1.05	14.0	
14	08	64	14.0	HO	0006	37	00.5	76	28.8	10		*			*			02.0			R	20.12		*	V	0.60	14.0	
14	08	64	14.0	HO	0006	37	00.5	76	28.8	10		*			*			04.0			R	21.10		*	V	0.50	14.0	
14	08	64	14.0	HO	0006	37	00.5	76	28.8	10		*			*			06.0			R	21.38		*	V	0.50	14.0	
14	08	64	14.0	HO	0006	37	00.5	76	28.8	10		*			*			08.0			R	21.42		*	V	0.50	14.0	
14	08	64	14.0	HO	0006	37	00.5	76	28.8	10		*			*			10.0			R	21.36		*	V	0.25	14.0	
14	08	64	14.5	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	20.08	P	33	D	1.27	14.5	
14	08	64	14.5	HO	0006	37	00.5	76	28.8	10		*			*			02.0			R	20.56		*	V	0.55	14.5	
14	08	64	14.5	HO	0006	37	00.5	76	28.8	10		*			*			04.0			R	21.23		*	V	0.45	14.5	
14	08	64	14.5	HO	0006	37	00.5	76	28.8	10		*			*			06.0			R	21.35		*	V	0.45	14.5	
14	08	64	14.5	HO	0006	37	00.5	76	28.8	10		*			*			08.0			R	21.42		*	V	0.40	14.5	
14	08	64	14.5	HO	0006	37	00.5	76	28.8	10		*			*			10.0			R	21.43		*	V	0.35	14.5	
14	08	64	15.0	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	20.56	P	34	D	1.08	15.0	
14	08	64	15.0	HO	0006	37	00.5	76	28.8	10		*			*			02.0			R	21.24		*	V	0.50	15.0	
14	08	64	15.0	HO	0006	37	00.5	76	28.8	10		*			*			04.0			R	21.32		*	V	0.50	15.0	
14	08	64	15.0	HO	0006	37	00.5	76	28.8	10		*			*			06.0			R	21.44		*	V	0.45	15.0	
14	08	64	15.0	HO	0006	37	00.5	76	28.8	10		*			*			08.0			R	21.45		*	V	0.30	15.0	
14	08	64	15.0	HO	0006	37	00.5	76	28.8	10		*			*			10.0			R	21.47		*	V	0.25	15.0	
14	08	64	15.5	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	21.35	P	34	D	0.80	15.5	
14	08	64	15.5	HO	0006	37	00.5	76	28.8	10		*			*			02.0			R	21.49		*	V	0.40	15.5	
14	08	64	15.5	HO	0006	37	00.5	76	28.8	10		*			*			04.0			R	21.54		*	V	0.35	15.5	
14	08	64	15.5	HO	0006	37	00.5	76	28.8	10		*			*			06.0			R	21.59		*	V	0.30	15.5	
14	08	64	15.5	HO	0006	37	00.5	76	28.8	10		*			*			08.0			R	21.58		*	V	0.25	15.5	
14	08	64	15.5	HO	0006	37	00.5	76	28.8	10		*			*			10.0			R	21.61		*	V	0.25	15.5	
14	08	64	16.0	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	20.77	P	33	D	0.54	16.0	
14	08	64	16.0	HO	0006	37	00.5	76	28.8	10		*			*			02.0			R	21.29		*	V	0.39	16.0	
14	08	64	16.0	HO	0006	37	00.5	76	28.8	10		*			*			04.0			R	21.56		*	V	0.21	16.0	
14	08	64	16.0	HO	0006	37	00.5	76	28.8	10		*			*			06.0			R	21.64		*	V	0.18	16.0	
14	08	64	16.0	HO	0006	37	00.5	76	28.8	10		*			*			08.0			R	21.66		*	V	0.17	16.0	
14	08	64	16.0	HO	0006	37	00.5	76	28.8	10		*			*			10.0			R	21.66		*	V	0.15	16.0	
14	08	64	16.5	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	20.29	P	36	D	0.31	16.6	
14	08	64	16.5	HO	0006	37	00.5	76	28.8	10		*			*			02.0			R	20.96		*	V	0.20	16.6	
14	08	64	16.5	HO	0006	37	00.5	76	28.8	10		*			*			04.0			R	21.62		*	V	0.15	16.6	
14	08	64	16.5	HO	0006	37	00.5	76	28.8	10		*			*			06.0			R	21.70		*	V	0.15	16.6	
14	08	64	16.5	HO	0006	37	00.5	76	28.8	10		*			*			08.0			R	21.72		*	V	0.10	16.6	
14	08	64	16.5	HO	0006	37	00.5	76	28.8	10		*			*			10.0			R	21.72		*	V	0.10	16.6	
14	08	64	17.0	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	20.98	P	06	D	0.21	17.0	
14	08	64	17.0	HO	0006	37	00.5	76	28.8	10		*			*			02.0			R	20.90		*	V	0.05	17.0	
14	08	64	17.0	HO	0006	37	00.5	76	28.8	10		*			*			04.0			R	21.68		*	V	0.07	17.0	
14	08	64	17.0	HO	0006	37	00.5	76	28.8	10		*			*			06.0			R	22.01		*	V	0.07	17.0	
14	08	64	17.0	HO	0006	37	00.5	76	28.8	10		*			*			08.0			R	22.01		*	V	0.05	17.0	
14	08	64	17.0	HO	0006	37	00.5	76	28.8	10		*			*			10.0			R	22.94		*	V	0.04	17.0	
14	08	64	17.5	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	19.84	P	10	D	0.30	17.6	
14	08	64	17.5	HO	0006	37	00.5	76	28.8	10		*			*			02.0			R	20.56		*	V	0.15	17.6	
14	08	64	17.5	HO	0006	37	00.5	76	28.8	10		*			*			04.0			R	21.48		*	V	0.05	17.6	
14	08	64	17.5	HO	0006	37	00.5	76	28.8	10		*			*			06.0			R	21.64		*	V	0.06	17.6	
14	08	64	17.5	HO	0006	37	00.5	76	28.8	10		*			*			08.0			R	21.63		*	V	0.05	17.6	
14	08	64	17.5	HO	0006	37	00.5	76	28.8	10		*			*			10.0			R	21.66		*	V	0.06	17.6	
14	08	64	18.0	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	19.67	P	13	D	0.32	18.0	
14	08	64	18.0	HO	0006	37	00.5	76	28.8	10		*			*			02.0			R	20.68		*	V	0.31	18.1	
14	08	64	18.0	HO	0006	37	00.5	76	28.8	10		*			*			04.0			R	21.16		*	V	0.25	18.1	
14	08	64	18.0	HO	0006	37	00.5	76	28.8	10		*			*			06.0			R	21.25		*	V	0.20	18.1	
14	08	64	18.0	HO	0006	37	00.5	76	28.8	10		*			*			08.0			R	21.44		*	V	0.11	18.1	
14	08	64	18.0	HO	0006	37	00.5	76	28.8	10		*			*			10.0			R	21.65		*	V	0.07	18.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
14	08	64	18.5	HO	0006	37	00.5	76	28.8	10		1			*			00.0			R	19.79	P	13	D	0.41	18.7	
14	08	64	18.5	HO	0006	37	00.5	76	28.8	10		1			*			02.0			R	19.84		*	V	0.48	18.7	
14	08	64	18.5	HO	0006	37	00.5	76	28.8	10		1			*			04.0			R	20.60		*	V	0.40	18.8	
14	08	64	18.5	HO	0006	37	00.5	76	28.8	10		1			*			06.0			R	21.13		*	V	0.42	18.8	
14	08	64	18.5	HO	0006	37	00.5	76	28.8	10		1			*			08.0			R	21.36		*	V	0.31	18.8	
14	08	64	18.5	HO	0006	37	00.5	76	28.8	10		1			*			10.0			R	21.64		*	V	0.17	18.8	
14	08	64	19.0	HO	0006	37	00.5	76	28.8	10		1			*			00.0			R	19.43	P	13	D	0.47	19.1	
14	08	64	19.0	HO	0006	37	00.5	76	28.8	10		1			*			02.0			R	19.56		*	V	0.50	19.2	
14	08	64	19.0	HO	0006	37	00.5	76	28.8	10		1			*			04.0			R	20.45		*	V	0.49	19.2	
14	08	64	19.0	HO	0006	37	00.5	76	28.8	10		1			*			06.0			R	21.08		*	V	0.50	19.2	
14	08	64	19.0	HO	0006	37	00.5	76	28.8	10		1			*			08.0			R	21.43		*	V	0.47	19.2	
14	08	64	19.0	HO	0006	37	00.5	76	28.8	10		1			*			10.0			R	21.54		*	V	0.47	19.2	
14	08	64	19.5	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	19.73	P	13	D	0.42	19.6	
14	08	64	19.5	HO	0006	37	00.5	76	28.8	10		*			*			02.0			R	19.79		*	V	0.32	19.8	
14	08	64	19.5	HO	0006	37	00.5	76	28.8	10		*			*			04.0			R	20.91		*	V	0.51	19.8	
14	08	64	19.5	HO	0006	37	00.5	76	28.8	10		*			*			06.0			R	21.45		*	V	0.32	19.7	
14	08	64	19.5	HO	0006	37	00.5	76	28.8	10		*			*			08.0			R	21.48		*	V	0.23	19.7	
14	08	64	19.5	HO	0006	37	00.5	76	28.8	10		*			*			10.0			R	21.45		*	V	0.25	19.7	
14	08	64	20.0	HO	0006	37	00.5	76	28.8	10		*			*			00.0			R	21.26	P	13	D	0.30	20.2	
14	08	64	20.0	HO	0006	37	00.5	76	28.8	10		*			*			02.0			R	19.36		*	V	0.50	20.3	
14	08	64	20.0	HO	0006	37	00.5	76	28.8	10		*			*			04.0			R	20.26		*	V	0.50	20.3	
14	08	64	20.0	HO	0006	37	00.5	76	28.8	10		*			*			06.0			R	21.29		*	V	0.50	20.3	
14	08	64	20.0	HO	0006	37	00.5	76	28.8	10		*			*			08.0			R	21.39		*	V	0.30	20.3	
14	08	64	20.0	HO	0006	37	00.5	76	28.8	10		*			*			10.0			R	21.39		*	V	0.21	20.4	
14	08	64	20.5	HO	0006	37	00.5	76	28.8	10		2			*			00.0			R	19.24	P	12	D	0.41	20.6	
14	08	64	20.5	HO	0006	37	00.5	76	28.8	10		2			*			02.0			R	19.52		*	V	0.44	20.7	
14	08	64	20.5	HO	0006	37	00.5	76	28.8	10		2			*			04.0			R	21.03		*	V	0.50	20.7	
14	08	64	20.5	HO	0006	37	00.5	76	28.8	10		2			*			06.0			R	21.09		*	V	0.49	20.7	
14	08	64	20.5	HO	0006	37	00.5	76	28.8	10		2			*			08.0			R	21.24		*	V	0.26	20.7	
14	08	64	20.5	HO	0006	37	00.5	76	28.8	10		2			*			10.0						*	V	0.19	20.7	
14	08	64	21.0	HO	0006	37	00.5	76	28.8	10		3			*			00.0			R	19.38	P	13	D	0.34	21.2	
14	08	64	21.0	HO	0006	37	00.5	76	28.8	10		3			*			02.0			R	19.44		*	V	0.27	21.2	
14	08	64	21.0	HO	0006	37	00.5	76	28.8	10		3			*			04.0			R	20.06		*	V	0.28	21.2	
14	08	64	21.0	HO	0006	37	00.5	76	28.8	10		3			*			06.0			R	21.00		*	V	0.40	21.2	
14	08	64	21.0	HO	0006	37	00.5	76	28.8	10		3			*			08.0			R	21.18		*	V	0.25	21.2	
14	08	64	21.0	HO	0006	37	00.5	76	28.8	10		3			*			10.0			R	21.14		*	V	0.17	21.2	
14	08	64	21.5	HO	0006	37	00.5	76	28.8	10		3			*			00.0			R	12.30	P	12	D	0.19	21.6	
14	08	64	21.5	HO	0006	37	00.5	76	28.8	10		3			*			02.0			R	19.34		*	V	0.23	21.6	
14	08	64	21.5	HO	0006	37	00.5	76	28.8	10		3			*			04.0			R	19.79		*	V	0.20	21.6	
14	08	64	21.5	HO	0006	37	00.5	76	28.8	10		3			*			06.0			R	20.93		*	V	0.33	21.7	
14	08	64	21.5	HO	0006	37	00.5	76	28.8	10		3			*			08.0			R	21.07		*	V	0.21	21.7	
14	08	64	21.5	HO	0006	37	00.5	76	28.8	10		3			*			10.0			R	21.06		*	V	0.15	21.7	
14	08	64	22.0	HO	0006	37	00.5	76	28.8	10		3			*			00.0			R	17.53	P	10	D	0.29	22.1	
14	08	64	22.0	HO	0006	37	00.5	76	28.8	10		3			*			02.0			R	18.93		*	V	0.17	22.1	
14	08	64	22.0	HO	0006	37	00.5	76	28.8	10		3			*			04.0			R	20.50		*	V	0.15	22.2	
14	08	64	22.0	HO	0006	37	00.5	76	28.8	10		3			*			06.0			R	20.87		*	V	0.21	22.2	
14	08	64	22.0	HO	0006	37	00.5	76	28.8	10		3			*			08.0			R	20.98		*	V	0.10	22.2	
14	08	64	22.0	HO	0006	37	00.5	76	28.8	10		3			*			10.0			R	19.32		*	V	0.05	22.2	
14	08	64	22.5	HO	0006	37	00.5	76	28.8	10		3			*			00.0			R	18.19	P	09	D	0.22	22.6	
14	08	64	22.5	HO	0006	37	00.5	76	28.8	10		3			*			02.0			R	18.78		*	V	0.12	22.7	
14	08	64	22.5	HO	0006	37	00.5	76	28.8	10		3			*			04.0			R	20.46		*	V	0.05	22.7	
14	08	64	22.5	HO	0006	37	00.5	76	28.8	10		3			*			06.0			R	20.75		*	V	0.07	22.7	
14	08	64	22.5	HO	0006	37	00.5	76	28.8	10		3			*			08.0			R	20.98		*	V	0.03	22.7	
14	08	64	22.5	HO	0006	37	00.5	76	28.8	10		3			*			10.0			R	20.96		*	V	0.02	22.7	
14	08	64	23.0	HO	0006	37	00.5	76	28.8	10		4			*			00.0			R	18.37	P	09	D	0.10	23.1	
14	08	64	23.0	HO	0006	37	00.5	76	28.8	10		4			*			02.0			R	18.69		*	V	0.10	23.0	
14	08	64	23.0	HO	0006	37	00.5	76	28.8	10		4			*			04.0			R	20.70		*	V	0.02	23.0	
14	08	64	23.0	HO	0006	37	00.5	76	28.8	10		4			*			06.0			R	20.19		*	V	0.03	23.0	
14	08	64	23.0	HO	0006	37	00.5	76	28.8	10		4			*			08.0			R	20.90		*	V	0.07	23.0	
14	08	64	23.0	HO	0006	37	00.5	76	28.8	10		4			*			10.0			R	21.05		*	V	0.07	23.0	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
14	08	64	00.5	LA	0006	37	09.3	76	38.0	13		7			*			00.0						*	T	0.25	00.5		
14	08	64	00.5	LA	0006	37	09.3	76	38.0	13		7			*			02.0						*	T	0.22	00.5		
14	08	64	00.5	LA	0006	37	09.3	76	38.0	13		7			*			04.0						*	T	0.16	00.6		
14	08	64	00.5	LA	0006	37	09.3	76	38.0	13		7			*			06.0						*	T	0.08	00.6		
14	08	64	00.5	LA	0006	37	09.3	76	38.0	13		7			*			08.0						*	T	0.24	00.7		
14	08	64	00.5	LA	0006	37	09.3	76	38.0	13		7			*			10.0						*	T	0.32	00.7		
14	08	64	00.5	LA	0006	37	09.3	76	38.0	13		7			*			12.0						*	T	0.22	00.8		
14	08	64	01.0	LA	0006	37	09.3	76	38.0	13		1			*			00.0					D	33	T	0.09	01.1		
14	08	64	01.0	LA	0006	37	09.3	76	38.0	13		1			*			02.0						*	T	0.07	01.1		
14	08	64	01.0	LA	0006	37	09.3	76	38.0	13		1			*			04.0						*	T	0.12	01.2		
14	08	64	01.0	LA	0006	37	09.3	76	38.0	13		1			*			06.0						*	T	0.20	01.4		
14	08	64	01.0	LA	0006	37	09.3	76	38.0	13		1			*			08.0						*	T	0.27	01.5		
14	08	64	01.0	LA	0006	37	09.3	76	38.0	13		1			*			10.0						*	T	0.29	01.6		
14	08	64	01.0	LA	0006	37	09.3	76	38.0	13		1			*			12.0						*	T	0.14	01.7		
14	08	64	02.0	LA	0006	37	09.3	76	38.0	13		1			*			00.0						*	T	0.12	02.1		
14	08	64	02.0	LA	0006	37	09.3	76	38.0	13		1			*			02.0						*	T	0.20	02.2		
14	08	64	02.0	LA	0006	37	09.3	76	38.0	13		1			*			04.0						*	T	0.43	02.2		
14	08	64	02.0	LA	0006	37	09.3	76	38.0	13		1			*			06.0						*	T	0.40	02.3		
14	08	64	02.0	LA	0006	37	09.3	76	38.0	13		1			*			08.0						*	T	0.22	02.3		
14	08	64	02.0	LA	0006	37	09.3	76	38.0	13		1			*			10.0						*	T	0.19	02.4		
14	08	64	02.0	LA	0006	37	09.3	76	38.0	13		1			*			12.0						*	T	0.16	02.4		
14	08	64	02.5	LA	0006	37	09.3	76	38.0	11		1			*			00.0						*	T	0.18	02.5		
14	08	64	02.5	LA	0006	37	09.3	76	38.0	11		1			*			02.0						*	T	0.32	02.5		
14	08	64	02.5	LA	0006	37	09.3	76	38.0	11		1			*			04.0						*	T	0.25	02.6		
14	08	64	02.5	LA	0006	37	09.3	76	38.0	11		1			*			06.0						*	T	0.29	02.7		
14	08	64	02.5	LA	0006	37	09.3	76	38.0	11		1			*			08.0						*	T	0.23	02.7		
14	08	64	02.5	LA	0006	37	09.3	76	38.0	11		1			*			10.0						*	T	0.18	02.8		
14	08	64	03.0	LA	0006	37	09.3	76	38.0	9		1	20	5	04			00.0						*	T	0.19	03.0		
14	08	64	03.0	LA	0006	37	09.3	76	38.0	9		1	20	5	04			02.0						*	T	0.30	03.1		
14	08	64	03.0	LA	0006	37	09.3	76	38.0	9		1	20	5	04			04.0						*	T	0.34	03.1		
14	08	64	03.0	LA	0006	37	09.3	76	38.0	9		1	20	5	04			06.0						*	T	0.19	03.1		
14	08	64	03.0	LA	0006	37	09.3	76	38.0	9		1	20	5	04			08.0						*	T	0.09	03.2		
14	08	64	04.5	LA	0006	37	09.3	76	38.0	9		*			*			00.0						*	T	0.16	00.5		
14	08	64	04.5	LA	0006	37	09.3	76	38.0	9		*			*			02.0						*	T	0.26	00.5		
14	08	64	04.5	LA	0006	37	09.3	76	38.0	9		*			*			04.0						*	T	0.39	00.6		
14	08	64	04.5	LA	0006	37	09.3	76	38.0	9		*			*			06.0						*	T	0.36	00.6		
14	08	64	04.5	LA	0006	37	09.3	76	38.0	9		*			*			08.0						*	T	0.27	00.7		
14	08	64	05.0	LA	0006	37	09.3	76	38.0	9		3	19	5	05			00.0			R	9.59	L	12	T	0.15	05.0		
14	08	64	05.0	LA	0006	37	09.3	76	38.0	9		3	19	5	05			02.0			R	10.82		*	T	0.08	05.1		
14	08	64	05.0	LA	0006	37	09.3	76	38.0	9		3	19	5	05			04.0			R	11.02		*	T	0.17	05.2		
14	08	64	05.0	LA	0006	37	09.3	76	38.0	9		3	19	5	05			06.0			R	10.96		*	T	0.25	05.2		
14	08	64	05.0	LA	0006	37	09.3	76	38.0	9		3	19	5	05			08.0			R	10.92		*	T	0.33	05.2		
14	08	64	05.5	LA	0006	37	09.3	76	38.0	9		8			*			00.0			R	9.55	L	27	T	0.21	05.8		
14	08	64	05.5	LA	0006	37	09.3	76	38.0	9		8			*			02.0			R	10.38		*	T	0.05	05.5		
14	08	64	05.5	LA	0006	37	09.3	76	38.0	9		8			*			04.0			R	10.99		*	T	0.17	05.6		
14	08	64	05.5	LA	0006	37	09.3	76	38.0	9		8			*			06.0			R	11.16		*	T	0.22	05.7		
14	08	64	05.5	LA	0006	37	09.3	76	38.0	9		8			*			08.0			R	11.30		*	T	0.23	05.7		
14	08	64	06.0	LA	0006	37	09.3	76	38.0	9		5	20	5	03			00.0			R	9.55	L	26	T	0.21	06.0		
14	08	64	06.0	LA	0006	37	09.3	76	38.0	9		5	20	5	03			02.0			R	9.85		*	T	0.05	06.0		
14	08	64	06.0	LA	0006	37	09.3	76	38.0	9		5	20	5	03			04.0			R	10.92		*	T	0.08	06.1		
14	08	64	06.0	LA	0006	37	09.3	76	38.0	9		5	20	5	03			06.0			R	11.18		*	T	0.11	06.2		
14	08	64	06.0	LA	0006	37	09.3	76	38.0	9		5	20	5	03			08.0			R	11.29		*	T	0.07	06.2		
14	08	64	06.5	LA	0006	37	09.3	76	38.0	9		5			*			00.0	T	24.50	R	9.62	L	26	T	0.30	06.5		
14	08	64	06.5	LA	0006	37	09.3	76	38.0	9		5			*			02.0			R	9.83		*	T	0.10	06.5		
14	08	64	06.5	LA	0006	37	09.3	76	38.0	9		5			*			04.0			R	10.33		*	T	0.06	06.6		
14	08	64	06.5	LA	0006	37	09.3	76	38.0	9		5			*			06.0			R	10.86		*	T	0.05	06.6		
14	08	64	06.5	LA	0006	37	09.3	76	38.0	9		5			*			08.0			R	11.12		*	T	0.04	06.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
14	08	64	07.0	LA	0006	37	09.3	76	38.0	9		5	19	2	02			00.0	T	24.90	R	9.79	L	25	T	0.35	07.0		
14	08	64	07.0	LA	0006	37	09.3	76	38.0	9		5	19	2	02			02.0			R	9.93		*	T	0.22	07.0		
14	08	64	07.0	LA	0006	37	09.3	76	38.0	9		5	19	2	02			04.0			R	10.65		*	T	0.14	07.0		
14	08	64	07.0	LA	0006	37	09.3	76	38.0	9		5	19	2	02			06.0			R	10.94		*	T	0.09	07.0		
14	08	64	07.0	LA	0006	37	09.3	76	38.0	9		5	19	2	02			08.0			R	11.15		*	T	0.06	07.0		
14	08	64	07.5	LA	0006	37	09.3	76	38.0	9		6			*			00.0	T	24.70	R	9.52	L	25	T	0.45	07.5		
14	08	64	07.5	LA	0006	37	09.3	76	38.0	9		6			*			02.0			R	9.62		*	T	0.32	07.5		
14	08	64	07.5	LA	0006	37	09.3	76	38.0	9		6			*			04.0			R	10.01		*	T	0.25	07.5		
14	08	64	07.5	LA	0006	37	09.3	76	38.0	9		6			*			06.0			R	10.87		*	T	0.19	07.6		
14	08	64	07.5	LA	0006	37	09.3	76	38.0	9		6			*			08.0			R	10.91		*	T	0.14	07.6		
14	08	64	08.0	LA	0006	37	09.3	76	38.0	9		6	18	3	02			00.0	T	24.70	R	9.75	L	23	T	0.45	08.0		
14	08	64	08.0	LA	0006	37	09.3	76	38.0	9		6	18	3	02			02.0			R	9.79		*	T	0.36	08.0		
14	08	64	08.0	LA	0006	37	09.3	76	38.0	9		6	18	3	02			04.0			R	9.92		*	T	0.26	08.1		
14	08	64	08.0	LA	0006	37	09.3	76	38.0	9		6	18	3	02			06.0			R	10.46		*	T	0.20	08.1		
14	08	64	08.0	LA	0006	37	09.3	76	38.0	9		6	18	3	02			08.0			R	10.92		*	T	0.20	08.1		
14	08	64	08.5	LA	0006	37	09.3	76	38.0	9		6			*			00.0			R	9.71	L	22	T	0.42	08.5		
14	08	64	08.5	LA	0006	37	09.3	76	38.0	9		6			*			02.0			R	9.69		*	T	0.45	08.5		
14	08	64	08.5	LA	0006	37	09.3	76	38.0	9		6			*			04.0			R	9.72		*	T	0.42	08.5		
14	08	64	08.5	LA	0006	37	09.3	76	38.0	9		6			*			06.0			R	9.71		*	T	0.37	08.6		
14	08	64	08.5	LA	0006	37	09.3	76	38.0	9		6			*			08.0			R	9.90		*	T	0.30	08.6		
14	08	64	09.0	LA	0006	37	09.3	76	38.0	9		6	19	3	03			00.0	T	24.80	R	9.47	L	23	T	0.45	09.0		
14	08	64	09.0	LA	0006	37	09.3	76	38.0	9		6	19	3	03			02.0			R	9.46		*	T	0.42	09.0		
14	08	64	09.0	LA	0006	37	09.3	76	38.0	9		6	19	3	03			04.0			R	9.52		*	T	0.42	09.0		
14	08	64	09.0	LA	0006	37	09.3	76	38.0	9		6	19	3	03			06.0			R	10.34		*	T	0.37	09.1		
14	08	64	09.0	LA	0006	37	09.3	76	38.0	9		6	19	3	03			08.0			R	10.54		*	T	0.35	09.1		
14	08	64	09.5	LA	0006	37	09.3	76	38.0	9		6			*			00.0	T	24.80	R	9.30	L	23	T	0.31	09.5		
14	08	64	09.5	LA	0006	37	09.3	76	38.0	9		6			*			02.0			R	9.27		*	T	0.45	09.5		
14	08	64	09.5	LA	0006	37	09.3	76	38.0	9		6			*			04.0			R	9.35		*	T	0.50	09.5		
14	08	64	09.5	LA	0006	37	09.3	76	38.0	9		6			*			06.0			R	9.38		*	T	0.50	09.6		
14	08	64	09.5	LA	0006	37	09.3	76	38.0	9		6			*			08.0			R	9.48		*	T	0.50	09.6		
14	08	64	10.0	LA	0006	37	09.3	76	38.0	9		6	20	21	03			00.0	T	24.60	R	8.46	L	21	T	0.50	10.0		
14	08	64	10.0	LA	0006	37	09.3	76	38.0	9		6	20	21	03			02.0			R	8.61		*	T	0.48	10.0		
14	08	64	10.0	LA	0006	37	09.3	76	38.0	9		6	20	21	03			04.0			R	8.92		*	T	0.43	10.0		
14	08	64	10.0	LA	0006	37	09.3	76	38.0	9		6	20	21	03			06.0			R	9.57		*	T	0.32	10.1		
14	08	64	10.0	LA	0006	37	09.3	76	38.0	9		6	20	21	03			08.0			R	9.87		*	T	0.26	10.1		
14	08	64	10.5	LA	0006	37	09.3	76	38.0	9		7			*			00.0	T	24.70	R	8.54	L	21	T	0.18	10.5		
14	08	64	10.5	LA	0006	37	09.3	76	38.0	9		7			*			02.0			R	8.53		*	T	0.19	10.5		
14	08	64	10.5	LA	0006	37	09.3	76	38.0	9		7			*			04.0			R	8.86		*	T	0.39	10.5		
14	08	64	10.5	LA	0006	37	09.3	76	38.0	9		7			*			06.0			R	9.37		*	T	0.45	10.6		
14	08	64	10.5	LA	0006	37	09.3	76	38.0	9		7			*			08.0			R	9.56		*	T	0.49	10.6		
14	08	64	11.0	LA	0006	37	09.3	76	38.0	9		7	21	1	04			00.0	T	25.20	R	8.13	L	21	T	0.50	11.0		
14	08	64	11.0	LA	0006	37	09.3	76	38.0	9		7	21	1	04			02.0			R	8.44		*	T	0.38	11.0		
14	08	64	11.0	LA	0006	37	09.3	76	38.0	9		7	21	1	04			04.0			R	8.74		*	T	0.25	11.0		
14	08	64	11.0	LA	0006	37	09.3	76	38.0	9		7	21	1	04			06.0			R	9.01		*	T	0.24	11.1		
14	08	64	11.0	LA	0006	37	09.3	76	38.0	9		7	21	1	04			08.0			R	9.26		*	T	0.22	11.1		
14	08	64	11.5	LA	0006	37	09.3	76	38.0	8		7			*			00.0			R	7.01	L	21	T	0.30	11.5		
14	08	64	11.5	LA	0006	37	09.3	76	38.0	8		7			*			02.0			R	8.38		*	T	0.10	11.5		
14	08	64	11.5	LA	0006	37	09.3	76	38.0	8		7			*			04.0			R	8.91		*	T	0.01	11.6		
14	08	64	11.5	LA	0006	37	09.3	76	38.0	8		7			*			06.0			R	8.84		*	T	0.01	11.6		
14	08	64	11.5	LA	0006	37	09.3	76	38.0	8		7			*			08.0			R	10.35		*	T	0.07	11.6		
14	08	64	12.0	LA	0006	37	09.3	76	38.0	8		8			*			00.0			R	7.91	L	00	T	0.26	12.0		
14	08	64	12.0	LA	0006	37	09.3	76	38.0	8		8			*			02.0			R	8.59		*	T	0.08	12.1		
14	08	64	12.0	LA	0006	37	09.3	76	38.0	8		8			*			04.0			R	9.05		*	T	0.07	12.1		
14	08	64	12.0	LA	0006	37	09.3	76	38.0	8		8			*			06.0			R	10.11		*	T	0.19	12.1		
14	08	64	12.0	LA	0006	37	09.3	76	38.0	8		8			*			08.0			R	10.73		*	T	0.21	12.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
14	08	64	12.5	LA	0006	37	09.3	76	38.0	9		8			*			00.0			R	8.12	D	36	T	0.15	12.6	
14	08	64	12.5	LA	0006	37	09.3	76	38.0	9		8			*			02.0			R	8.38		*	T	0.06	12.7	
14	08	64	12.5	LA	0006	37	09.3	76	38.0	9		8			*			04.0			R	9.11		*	T	0.26	12.7	
14	08	64	12.5	LA	0006	37	09.3	76	38.0	9		8			*			06.0			R	10.60		*	T	0.29	12.7	
14	08	64	12.5	LA	0006	37	09.3	76	38.0	9		8			*			08.0			R	10.71		*	T	0.24	12.7	
14	08	64	13.0	LA	0006	37	09.3	76	38.0	9		8	25	36	02	2.3		00.0			R	8.16	D	00	T	0.09	13.0	
14	08	64	13.0	LA	0006	37	09.3	76	38.0	9		8	25	36	02	2.3		02.0			R	8.61		*	T	0.21	13.1	
14	08	64	13.0	LA	0006	37	09.3	76	38.0	9		8	25	36	02	2.3		04.0			R	9.69		*	T	0.43	13.1	
14	08	64	13.0	LA	0006	37	09.3	76	38.0	9		8	25	36	02	2.3		06.0			R	10.24		*	T	0.31	13.1	
14	08	64	13.0	LA	0006	37	09.3	76	38.0	9		8	25	36	02	2.3		08.0			R	10.79		*	T	0.21	13.1	
14	08	64	13.5	LA	0006	37	09.3	76	38.0	9		1	29		00	1.8		00.0			R	8.33	D	*	T	0.26	13.5	
14	08	64	13.5	LA	0006	37	09.3	76	38.0	9		1	29		00	1.8		02.0			R	8.92		*	T	0.42	13.6	
14	08	64	13.5	LA	0006	37	09.3	76	38.0	9		1	29		00	1.8		04.0			R	9.38		*	T	0.44	13.6	
14	08	64	13.5	LA	0006	37	09.3	76	38.0	9		1	29		00	1.8		06.0			R	10.24		*	T	0.30	13.7	
14	08	64	13.5	LA	0006	37	09.3	76	38.0	9		1	29		00	1.8		08.0			R	10.93		*	T	0.22	13.7	
14	08	64	14.0	LA	0006	37	09.3	76	38.0	9		2	29		00	1.8		00.0			R	9.07	D	04	T	0.50	14.1	
14	08	64	14.0	LA	0006	37	09.3	76	38.0	9		2	29		00	1.8		02.0			R	9.36		*	T	0.50	14.1	
14	08	64	14.0	LA	0006	37	09.3	76	38.0	9		2	29		00	1.8		04.0			R	9.46		*	T	0.40	14.1	
14	08	64	14.0	LA	0006	37	09.3	76	38.0	9		2	29		00	1.8		06.0			R	9.89		*	T	0.30	14.2	
14	08	64	14.0	LA	0006	37	09.3	76	38.0	9		2	29		00	1.8		08.0			R	10.65		*	T	0.20	14.2	
14	08	64	14.5	LA	0006	37	09.3	76	38.0	9		2			*			00.0			R	9.15	D	04	T	0.30	14.6	
14	08	64	14.5	LA	0006	37	09.3	76	38.0	9		2			*			02.0			R	9.40		*	T	0.50	14.6	
14	08	64	14.5	LA	0006	37	09.3	76	38.0	9		2			*			04.0			R	10.02		*	T	0.40	14.6	
14	08	64	14.5	LA	0006	37	09.3	76	38.0	9		2			*			06.0			R	10.17		*	T	0.30	14.7	
14	08	64	14.5	LA	0006	37	09.3	76	38.0	9		2			*			08.0			R	10.47		*	T	0.30	14.7	
14	08	64	15.0	LA	0006	37	09.3	76	38.0	9		3	28		00	1.5		00.0			R	9.46	D	03	T	0.30	15.1	
14	08	64	15.0	LA	0006	37	09.3	76	38.0	9		3	28		00	1.5		02.0			R	9.78		*	T	0.40	15.1	
14	08	64	15.0	LA	0006	37	09.3	76	38.0	9		3	28		00	1.5		04.0			R	10.17		*	T	0.40	15.1	
14	08	64	15.0	LA	0006	37	09.3	76	38.0	9		3	28		00	1.5		06.0			R	10.52		*	T	0.40	15.2	
14	08	64	15.0	LA	0006	37	09.3	76	38.0	9		3	28		00	1.5		08.0			R	10.63		*	T	0.30	15.2	
14	08	64	15.5	LA	0006	37	09.3	76	38.0	9		3			*			00.0			R	10.51	D	02	T	0.36	15.7	
14	08	64	15.5	LA	0006	37	09.3	76	38.0	9		3			*			02.0			R	10.74		*	T	0.40	15.7	
14	08	64	15.5	LA	0006	37	09.3	76	38.0	9		3			*			04.0			R	10.92		*	T	0.43	15.7	
14	08	64	15.5	LA	0006	37	09.3	76	38.0	9		3			*			06.0			R	11.18		*	T	0.44	15.7	
14	08	64	15.5	LA	0006	37	09.3	76	38.0	9		3			*			08.0			R	11.53		*	T	0.42	15.8	
14	08	64	16.0	LA	0006	37	09.3	76	38.0	9		3	26		00	1.3		00.0			R	10.70	D	01	T	0.33	16.0	
14	08	64	16.0	LA	0006	37	09.3	76	38.0	9		3	26		00	1.3		02.0			R	10.72		*	T	0.41	16.0	
14	08	64	16.0	LA	0006	37	09.3	76	38.0	9		3	26		00	1.3		04.0			R	10.87		*	T	0.41	16.0	
14	08	64	16.0	LA	0006	37	09.3	76	38.0	9		3	26		00	1.3		06.0			R	11.44		*	T	0.43	16.1	
14	08	64	16.0	LA	0006	37	09.3	76	38.0	9		3	26		00	1.3		08.0			R	12.07		*	T	0.38	16.1	
14	08	64	16.5	LA	0006	37	09.3	76	38.0	9		3			*			00.0			R	10.97	D	03	T	0.31	16.6	
14	08	64	16.5	LA	0006	37	09.3	76	38.0	9		3			*			02.0			R	11.27		*	T	0.39	16.6	
14	08	64	16.5	LA	0006	37	09.3	76	38.0	9		3			*			04.0			R	11.88		*	T	0.33	16.6	
14	08	64	16.5	LA	0006	37	09.3	76	38.0	9		3			*			06.0			R	12.12		*	T	0.26	16.7	
14	08	64	16.5	LA	0006	37	09.3	76	38.0	9		3			*			08.0			R	12.66		*	T	0.20	16.7	
14	08	64	17.0	LA	0006	37	09.3	76	38.0	9		3	31	30	00	1.1		00.0	T	25.80	R	11.11	L	05	T	0.28	17.0	
14	08	64	17.0	LA	0006	37	09.3	76	38.0	9		3	31	30	00	1.1		02.0			R	11.35		*	T	0.15	17.0	
14	08	64	17.0	LA	0006	37	09.3	76	38.0	9		3	31	30	00	1.1		04.0			R	11.81		*	T	0.12	17.0	
14	08	64	17.0	LA	0006	37	09.3	76	38.0	9		3	31	30	00	1.1		06.0			R	12.06		*	T	0.10	17.1	
14	08	64	17.0	LA	0006	37	09.3	76	38.0	9		3	31	30	00	1.1		08.0			R	12.44		*	T	0.02	17.1	
14	08	64	17.5	LA	0006	37	09.3	76	38.0	9		4			*	1.0		00.0	T	25.30	R	9.61	L	05	T	0.16	17.5	
14	08	64	17.5	LA	0006	37	09.3	76	38.0	9		4			*	1.0		02.0			R	10.84		*	T	0.16	17.5	
14	08	64	17.5	LA	0006	37	09.3	76	38.0	9		4			*	1.0		04.0			R	11.50		*	T	0.30	17.5	
14	08	64	17.5	LA	0006	37	09.3	76	38.0	9		4			*	1.0		06.0			R	12.41		*	T	0.43	17.6	
14	08	64	17.5	LA	0006	37	09.3	76	38.0	9		4			*	1.0		08.0			R	12.60		*	T	0.32	17.6	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
14	08	64	18.0	LA	0006	37	09.3	76	38.0	9		4	23		00	1.1		00.0	T	25.30	R	9.55	L	25	T	0.21	18.0		
14	08	64	18.0	LA	0006	37	09.3	76	38.0	9		4	23		00	1.1		02.0			R	10.82		*	T	0.06	18.0		
14	08	64	18.0	LA	0006	37	09.3	76	38.0	9		4	23		00	1.1		04.0			R	11.52		*	T	0.22	18.0		
14	08	64	18.0	LA	0006	37	09.3	76	38.0	9		4	23		00	1.1		06.0			R	12.54		*	T	0.20	18.1		
14	08	64	18.0	LA	0006	37	09.3	76	38.0	9		4	23		00	1.1		08.0			R	12.70		*	T	0.15	18.1		
14	08	64	18.5	LA	0006	37	09.3	76	38.0	9		5			*			00.0	T	25.30	R	9.40	L	24	T	0.22	18.5		
14	08	64	18.5	LA	0006	37	09.3	76	38.0	9		5			*			02.0			R	10.51		*	T	0.05	18.5		
14	08	64	18.5	LA	0006	37	09.3	76	38.0	9		5			*			04.0			R	11.55		*	T	0.07	18.5		
14	08	64	18.5	LA	0006	37	09.3	76	38.0	9		5			*			06.0			R	12.11		*	T	0.14	18.6		
14	08	64	18.5	LA	0006	37	09.3	76	38.0	9		5			*			08.0			R	12.58		*	T	0.12	18.6		
14	08	64	19.0	LA	0006	37	09.3	76	38.0	9		5	23	1	01			00.0	T	25.30	R	9.55	L	23	T	0.38	19.0		
14	08	64	19.0	LA	0006	37	09.3	76	38.0	9		5	23	1	01			02.0			R	10.58		*	T	0.10	19.0		
14	08	64	19.0	LA	0006	37	09.3	76	38.0	9		5	23	1	01			04.0			R	11.24		*	T	0.06	19.0		
14	08	64	19.0	LA	0006	37	09.3	76	38.0	9		5	23	1	01			06.0			R	11.33		*	T	0.06	19.0		
14	08	64	19.0	LA	0006	37	09.3	76	38.0	9		5	23	1	01			08.0			R	12.42		*	T	0.05	19.1		
14	08	64	19.5	LA	0006	37	09.3	76	38.0	9		5			*			00.0	T	25.00	R	10.34	L	21	T	0.20	19.5		
14	08	64	19.5	LA	0006	37	09.3	76	38.0	9		5			*			02.0			R	10.32		*	T	0.20	19.5		
14	08	64	19.5	LA	0006	37	09.3	76	38.0	9		5			*			04.0			R	11.02		*	T	0.17	19.5		
14	08	64	19.5	LA	0006	37	09.3	76	38.0	9		5			*			06.0			R	11.86		*	T	0.05	19.6		
14	08	64	19.5	LA	0006	37	09.3	76	38.0	9		5			*			08.0			R	12.33		*	T	0.14	19.6		
14	08	64	20.0	LA	0006	37	09.3	76	38.0	9		5	22	12	03			00.0	T	25.00	R	10.19	L	22	T	0.25	20.0		
14	08	64	20.0	LA	0006	37	09.3	76	38.0	9		5	22	12	03			02.0			R	10.21		*	T	0.28	20.0		
14	08	64	20.0	LA	0006	37	09.3	76	38.0	9		5	22	12	03			04.0			R	10.29		*	T	0.29	20.0		
14	08	64	20.0	LA	0006	37	09.3	76	38.0	9		5	22	12	03			06.0			R	11.34		*	T	0.15	20.1		
14	08	64	20.0	LA	0006	37	09.3	76	38.0	9		5	22	12	03			08.0			R	12.20		*	T	0.25	20.1		
14	08	64	20.5	LA	0006	37	09.3	76	38.0	9		6			*			00.0	T	25.00	R	10.01	L	23	T	0.39	20.5		
14	08	64	20.5	LA	0006	37	09.3	76	38.0	9		6			*			02.0			R	10.01		*	T	0.40	20.5		
14	08	64	20.5	LA	0006	37	09.3	76	38.0	9		6			*			04.0			R	10.15		*	T	0.43	20.5		
14	08	64	20.5	LA	0006	37	09.3	76	38.0	9		6			*			06.0			R	11.93		*	T	0.39	20.6		
14	08	64	20.5	LA	0006	37	09.3	76	38.0	9		6			*			08.0			R	12.04		*	T	0.37	20.6		
14	08	64	21.0	LA	0006	37	09.3	76	38.0	9		6	21		00			00.0	T	25.00	R	10.26	L	21	T	0.46	21.0		
14	08	64	21.0	LA	0006	37	09.3	76	38.0	9		6	21		00			02.0			R	10.24		*	T	0.45	21.0		
14	08	64	21.0	LA	0006	37	09.3	76	38.0	9		6	21		00			04.0			R	10.24		*	T	0.47	21.0		
14	08	64	21.0	LA	0006	37	09.3	76	38.0	9		6	21		00			06.0			R	10.24		*	T	0.48	21.0		
14	08	64	21.0	LA	0006	37	09.3	76	38.0	9		6	21		00			08.0			R	11.33		*	T	0.50	21.0		
14	08	64	21.5	LA	0006	37	09.3	76	38.0	9		6			*			00.0	T	25.00	R	9.80	L	21	T	0.49	21.5		
14	08	64	21.5	LA	0006	37	09.3	76	38.0	9		6			*			02.0			R	9.77		*	T	0.49	21.5		
14	08	64	21.5	LA	0006	37	09.3	76	38.0	9		6			*			04.0			R	9.82		*	T	0.50	21.5		
14	08	64	21.5	LA	0006	37	09.3	76	38.0	9		6			*			06.0			R	11.09		*	T	0.50	21.6		
14	08	64	21.5	LA	0006	37	09.3	76	38.0	9		6			*			08.0			R	11.18		*	T	0.52	21.6		
14	08	64	22.0	LA	0006	37	09.3	76	38.0	9		6	21	31	02			00.0	T	24.20	R	9.44	L	22	T	0.50	22.0		
14	08	64	22.0	LA	0006	37	09.3	76	38.0	9		6	21	31	02			02.0			R	9.55		*	T	0.50	22.0		
14	08	64	22.0	LA	0006	37	09.3	76	38.0	9		6	21	31	02			04.0			R	10.43		*	T	0.50	22.0		
14	08	64	22.0	LA	0006	37	09.3	76	38.0	9		6	21	31	02			06.0			R	10.78		*	T	0.49	22.1		
14	08	64	22.0	LA	0006	37	09.3	76	38.0	9		6	21	31	02			08.0			R	10.91		*	T	0.50	22.1		
14	08	64	22.5	LA	0006	37	09.3	76	38.0	9		6			*			00.0	T	25.00	R	9.32	L	22	T	0.52	22.5		
14	08	64	22.5	LA	0006	37	09.3	76	38.0	9		6			*			02.0			R	9.50		*	T	0.51	22.5		
14	08	64	22.5	LA	0006	37	09.3	76	38.0	9		6			*			04.0			R	10.29		*	T	0.49	22.5		
14	08	64	22.5	LA	0006	37	09.3	76	38.0	9		6			*			05.0			R	10.46		*	T	0.48	22.6		
14	08	64	22.5	LA	0006	37	09.3	76	38.0	9		6			*			06.0			R	10.63		*	T	0.44	22.6		
14	08	64	23.0	LA	0006	37	09.3	76	38.0	9		6	21	11	00			00.0	T	24.70	R	9.18	L	21	T	0.55	23.0		
14	08	64	23.0	LA	0006	37	09.3	76	38.0	9		6	21	11	00			02.0			R	9.49		*	T	0.50	23.0		
14	08	64	23.0	LA	0006	37	09.3	76	38.0	9		6	21	11	00			04.0			R	10.00		*	T	0.49	23.0		
14	08	64	23.0	LA	0006	37	09.3	76	38.0	9		6	21	11	00			05.0			R	10.14		*	T	0.48	23.1		
14	08	64	23.0	LA	0006	37	09.3	76	38.0	9		6	21	11	00			06.0			R	10.22		*	T	0.42	23.1		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
14	08	64	23.5	LA	0006	37	09.3	76	38.0	9	6			*		00.0	T	24.70	R	8.76	L	21	T	0.60	23.5
14	08	64	23.5	LA	0006	37	09.3	76	38.0	9	6			*		02.0			R	9.13		*	T	0.50	23.5
14	08	64	23.5	LA	0006	37	09.3	76	38.0	9	6			*		04.0			R	9.85		*	T	0.43	23.5
14	08	64	23.5	LA	0006	37	09.3	76	38.0	9	6			*		06.0			R	10.11		*	T	0.37	23.6
14	08	64	23.5	LA	0006	37	09.3	76	38.0	9	6			*		08.0			R	10.18		*	T	0.30	23.6
15	08	64	00.0	LA	0006	37	09.3	76	38.0	9	7	20	36	01		00.0	T	24.60	R	7.65	L	26	T	0.50	00.0
15	08	64	00.0	LA	0006	37	09.3	76	38.0	9	7	20	36	01		02.0			R	8.98		*	T	0.49	00.0
15	08	64	00.0	LA	0006	37	09.3	76	38.0	9	7	20	36	01		04.0			R	9.38		*	T	0.37	00.0
15	08	64	00.0	LA	0006	37	09.3	76	38.0	9	7	20	36	01		06.0			R	9.75		*	T	0.29	00.1
15	08	64	00.0	LA	0006	37	09.3	76	38.0	9	7	20	36	01		08.0			R	9.90		*	T	0.28	00.1
15	08	64	00.5	LA	0006	37	09.3	76	38.0	9	7			*		00.0	T	25.00	R	7.46	L	26	T	0.40	00.5
15	08	64	00.5	LA	0006	37	09.3	76	38.0	9	7			*		02.0			R	8.73		*	T	0.34	00.5
15	08	64	00.5	LA	0006	37	09.3	76	38.0	9	7			*		04.0			R	9.25		*	T	0.35	00.5
15	08	64	00.5	LA	0006	37	09.3	76	38.0	9	7			*		06.0			R	9.41		*	T	0.22	00.6
15	08	64	00.5	LA	0006	37	09.3	76	38.0	9	7			*		08.0			R	9.44		*	T	0.22	00.6
15	08	64	01.0	LA	0006	37	09.3	76	38.0	9	8	19	4	02		00.0	T	23.90			L	18	T	0.20	01.0
15	08	64	01.0	LA	0006	37	09.3	76	38.0	9	8	19	4	02		02.0						*	T	0.10	01.0
15	08	64	01.0	LA	0006	37	09.3	76	38.0	9	8	19	4	02		04.0						*	T	0.04	01.0
15	08	64	01.0	LA	0006	37	09.3	76	38.0	9	8	19	4	02		06.0						*	T	0.05	01.0
15	08	64	01.0	LA	0006	37	09.3	76	38.0	9	8	19	4	02		08.0						*	T	0.06	01.1
15	08	64	01.5	LA	0006	37	09.3	76	38.0	9	8			*		00.0	T	18.90			L	20	T	0.18	01.5
15	08	64	01.5	LA	0006	37	09.3	76	38.0	9	8			*		02.0						*	T	0.07	01.5
15	08	64	01.5	LA	0006	37	09.3	76	38.0	9	8			*		04.0						*	T	0.03	01.5
15	08	64	01.5	LA	0006	37	09.3	76	38.0	9	8			*		06.0						*	T	0.10	01.6
15	08	64	01.5	LA	0006	37	09.3	76	38.0	9	8			*		08.0						*	T	0.16	01.6
14	08	64	12.0	JB	0006	37	12.6	76	41.1	7	7			*		00.0	B	25.48	B	5.72	D	09	P	0.11	12.2
14	08	64	12.0	JB	0006	37	12.6	76	41.1	7	7			*		04.0	B	25.08	B	5.48		*	P	0.17	12.2
14	08	64	12.0	JB	0006	37	12.6	76	41.1	7	7			*		07.0	B	25.32	B	6.04		*	P	0.23	12.3
14	08	64	13.0	JB	0006	37	12.6	76	41.1	7	1			*		00.0	B	25.52	B	5.48	D	23	P	0.11	13.2
14	08	64	13.0	JB	0006	37	12.6	76	41.1	7	1			*		04.0	B	25.28	B	5.40		*	P	0.10	13.2
14	08	64	13.0	JB	0006	37	12.6	76	41.1	7	1			*		07.0	B	25.28	B	6.72		*	P	0.22	13.3
14	08	64	13.5	JB	0006	37	12.6	76	41.1	7	1			*		00.0	B	26.00	B	4.60	D	21	P	0.25	13.6
14	08	64	13.5	JB	0006	37	12.6	76	41.1	7	1			*		04.0	B	25.40	B	4.64		*	P	0.24	13.7
14	08	64	13.5	JB	0006	37	12.6	76	41.1	7	1			*		07.0	B	25.40	B	7.44		*	P	0.39	13.7
14	08	64	14.0	JB	0006	37	12.6	76	41.1	7	1			*		00.0	B	26.44	B	5.84	D	22	P	0.32	14.2
14	08	64	14.0	JB	0006	37	12.6	76	41.1	7	1			*		04.0	B	25.44	B	5.84		*	P	0.42	14.3
14	08	64	14.0	JB	0006	37	12.6	76	41.1	7	1			*		07.0	B	25.44	B	6.88		*	P	0.37	14.3
14	08	64	14.5	JB	0006	37	12.6	76	41.1	8	2			*		00.0	B	26.64	B	8.00	D	24	P	0.46	14.6
14	08	64	14.5	JB	0006	37	12.6	76	41.1	8	2			*		04.0		,	B	8.20	F	24	P	0.44	14.6
14	08	64	14.5	JB	0006	37	12.6	76	41.1	8	2			*		08.0	B	25.80	B	8.20	F	24		*	14.6
14	08	64	15.0	JB	0006	37	12.6	76	41.1	8	2			*		00.0	B	26.08	B	6.04	D	26	P	0.51	15.2
14	08	64	15.0	JB	0006	37	12.6	76	41.1	8	2			*		04.0	B	25.60	B	6.04	F	26	P	0.45	15.3
14	08	64	15.0	JB	0006	37	12.6	76	41.1	8	2			*		08.0	B	25.60	B	9.24	F	26	P	0.41	15.3
14	08	64	15.5	JB	0006	37	12.6	76	41.1	8	3			*		00.0	B	26.72	B	6.40	D	30	P	0.49	15.6
14	08	64	15.5	JB	0006	37	12.6	76	41.1	8	3			*		04.0	B	25.68	B	6.40	F	29	P	0.39	15.7
14	08	64	15.5	JB	0006	37	12.6	76	41.1	8	3			*		08.0	B	25.68	B	9.48	F	29	P	0.44	15.7
14	08	64	16.0	JB	0006	37	12.6	76	41.1	8	3			*		00.0	B	25.72	B	7.08	D	29	P	0.12	16.2
14	08	64	16.0	JB	0006	37	12.6	76	41.1	8	3			*		04.0	B	25.36	B	7.08		*		*	16.2
14	08	64	16.0	JB	0006	37	12.6	76	41.1	8	3			*		08.0	B	25.36	B	8.96		*		*	16.2

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
14	08	64	17.0	JB	0006	37	12.6	76	41.1	8		3			*			00.0	B	25.64	B	8.76	D	29	P	0.26	17.2	
14	08	64	17.0	JB	0006	37	12.6	76	41.1	8		3			*			04.0	B	25.60	B	10.28	F	29	P	0.32	17.2	
14	08	64	17.0	JB	0006	37	12.6	76	41.1	8		3			*			08.0	B	25.64	B	9.76	F	29	P	0.31	17.2	
14	08	64	17.5	JB	0006	37	12.6	76	41.1	8		3			*			00.0	B	25.52	B	8.48		*	P	0.05	17.7	
14	08	64	17.5	JB	0006	37	12.6	76	41.1	8		3			*			04.0	B	25.48	B	9.04		*	P	0.14	17.7	
14	08	64	17.5	JB	0006	37	12.6	76	41.1	8		3			*			08.0	B	25.44	B	9.48		*	P	0.11	17.7	
14	08	64	18.0	JB	0006	37	12.6	76	41.1	8		4			*			00.0	B	25.20	B	8.92	D	25	P	0.21	18.2	
14	08	64	18.0	JB	0006	37	12.6	76	41.1	8		4			*			04.0	B	25.24	B	8.12		*	P	0.17	18.2	
14	08	64	18.0	JB	0006	37	12.6	76	41.1	8		4			*			08.0	B	25.36	B	9.36		*	P	0.21	18.2	
14	08	64	19.0	JB	0006	37	12.6	76	41.1	8		5			*			00.0	B	24.84	B	7.24		*	P	0.05	19.2	
14	08	64	19.0	JB	0006	37	12.6	76	41.1	8		5			*			04.0	B	25.08	B	8.72	F	11	P	0.07	19.2	
14	08	64	19.0	JB	0006	37	12.6	76	41.1	8		5			*			08.0	B	25.04	B	9.12	F	11	P	0.05	19.2	
14	08	64	19.5	JB	0006	37	12.6	76	41.1	8		4			*			00.0	B	20.72	B	7.60	D	10	P	0.07	19.7	
14	08	64	19.5	JB	0006	37	12.6	76	41.1	8		4			*			04.0	B	25.08	B	8.28	F	12	P	0.08	19.7	
14	08	64	19.5	JB	0006	37	12.6	76	41.1	8		4			*			08.0	B	25.08	B	9.16	F	12	P	0.09	19.7	
14	08	64	20.0	JB	0006	37	12.6	76	41.1	8		5			*			00.0	B	24.60	B	7.12	D	10	P	0.10	20.2	
14	08	64	20.0	JB	0006	37	12.6	76	41.1	8		5			*			04.0	B	25.12	B	8.64	F	13	P	0.16	20.2	
14	08	64	20.0	JB	0006	37	12.6	76	41.1	8		5			*			08.0	B	24.88	B	8.44	F	13	P	0.08	20.2	
14	08	64	20.5	JB	0006	37	12.6	76	41.1	8		5			*			04.0	B	25.00	B	7.36	F	12	P	0.23	20.8	
14	08	64	20.5	JB	0006	37	12.6	76	41.1	8		5			*			00.0	B	24.60	B	6.96	D	10	P	0.19	20.8	
14	08	64	20.5	JB	0006	37	12.6	76	41.1	8		5			*			08.0	B	24.68	B	9.48	F	12	P	0.13	20.8	
14	08	64	21.0	JB	0006	37	12.6	76	41.1	8		5			*			00.0	B	24.04	B	7.36	D	11	P	0.58	21.2	
14	08	64	21.0	JB	0006	37	12.6	76	41.1	8		5			*			08.0	B	24.96	B	8.64	F	11	P	0.30	21.3	
14	08	64	21.0	JB	0006	37	12.6	76	41.1	8		5			*			04.0	B	25.16	B	7.72	F	11	P	0.51	21.3	
14	08	64	21.5	JB	0006	37	12.6	76	41.1	8		5			*			00.0	B	24.60	B	7.08	D	08	P	0.64	21.7	
14	08	64	21.5	JB	0006	37	12.6	76	41.1	8		5			*			04.0	B	25.08	B	11.92	F	09	P	0.53	21.8	
14	08	64	21.5	JB	0006	37	12.6	76	41.1	8		5			*			08.0	B	24.96	B	8.04	F	09	P	0.32	21.8	
14	08	64	22.0	JB	0006	37	12.6	76	41.1	8		5			*			00.0	B	24.40	B	6.96	D	09	P	0.63	22.2	
14	08	64	22.0	JB	0006	37	12.6	76	41.1	8		5			*			04.0	B	24.88	B	7.68	F	09	P	0.56	22.2	
14	08	64	22.0	JB	0006	37	12.6	76	41.1	8		5			*			08.0	B	25.32	B	8.20	F	09	P	0.78	22.2	
14	08	64	22.5	JB	0006	37	12.6	76	41.1	8		5			*			00.0	B	24.44	B	8.36	D	08	P	0.73	22.7	
14	08	64	22.5	JB	0006	37	12.6	76	41.1	8		5			*			04.0	B	25.00	B	7.64	F	09	P	0.61	22.8	
14	08	64	22.5	JB	0006	37	12.6	76	41.1	8		5			*			08.0	B	25.00	B	7.20	F	09	P	0.27	22.8	
14	08	64	23.0	JB	0006	37	12.6	76	41.1	8		5			*			00.0	B	27.92	B	6.20	D	08	P	0.36	23.2	
14	08	64	23.0	JB	0006	37	12.6	76	41.1	8		5			*			04.0	B	24.80	B	6.88	F	09	P	0.30	23.3	
14	08	64	23.0	JB	0006	37	12.6	76	41.1	8		5			*			08.0	B	24.72	B	6.92	F	09	P	0.12	23.3	
14	08	64	23.5	JB	0006	37	12.6	76	41.1	8		5			*			08.0	B	24.44	B	7.12	F	09	P	0.15	23.8	
14	08	64	23.5	JB	0006	37	12.6	76	41.1	8		5			*			00.0	B	23.88	B	6.24	D	07	P	0.31	23.7	
14	08	64	23.5	JB	0006	37	12.6	76	41.1	8		5			*			04.0	B	24.28	B	6.72	F	09	P	0.26	23.7	
15	08	64	00.0	JB	0006	37	12.6	76	41.1	8		5			*			00.0	B	24.16	B	6.60	D	07	P	0.24	00.2	
15	08	64	00.0	JB	0006	37	12.6	76	41.1	8		5			*			04.0	B	24.24	B	6.16	F	08	P	0.21	00.2	
15	08	64	00.0	JB	0006	37	12.6	76	41.1	8		5			*			08.0	B	24.64	B	6.56	F	08	P	0.13	00.2	
15	08	64	00.5	JB	0006	37	12.6	76	41.1	8		6			*			00.0	B	23.92	B	7.16	D	06	P	0.13	00.7	
15	08	64	00.5	JB	0006	37	12.6	76	41.1	8		6			*			04.0	B	24.40	B	6.20	F	07	P	0.14	00.7	
15	08	64	00.5	JB	0006	37	12.6	76	41.1	8		6			*			08.0	B	24.20	B	6.72	F	07	P	0.07	00.7	
15	08	64	01.0	JB	0006	37	12.6	76	41.1	8		6			*			00.0	B	24.52	B	8.72	D	04	P	0.16	01.3	
15	08	64	01.0	JB	0006	37	12.6	76	41.1	8		6			*			04.0	B	24.40	B	6.08	F	09	P	0.11	01.3	
15	08	64	01.0	JB	0006	37	12.6	76	41.1	8		6			*			08.0	B	24.88	B	7.04	F	09	P	0.15	01.3	
15	08	64	01.5	JB	0006	37	12.6	76	41.1	8		6			*			00.0	B	24.32	B	5.92	D	06	P	0.08	01.7	
15	08	64	01.5	JB	0006	37	12.6	76	41.1	8		6			*			04.0	B	24.32	B	6.24	F	10	P	0.10	01.7	
15	08	64	01.5	JB	0006	37	12.6	76	41.1	8		6			*			08.0	B	24.68	B	7.36	F	10	P	0.09	01.7	

Cruise 0007

Stations:

2
9
12
18
27
25
22

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			00.0	T	24.20	R	22.28	F	05	V	0.75	10.0		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			00.0					D	06	D	0.52	10.2		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			00.0						*	V	0.45	10.3		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			01.0	T	24.00	R	22.83	F	05	V	1.00	10.0		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			04.0						*	V	0.38	10.3		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			08.0	T	23.90	R	22.92	F	05	V	0.75	10.1		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			08.0						*	V	0.25	10.3		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			10.0	T	23.90	R	23.08	F	05	V	0.80	10.1		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			10.0						*	V	0.20	10.4		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			12.0	T	23.90	R	23.92	F	05	V	0.50	10.1		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			12.0						*	V	0.18	10.4		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			14.0	T	23.90	R	24.35	F	05	V	0.25	10.2		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			14.0						*	V	0.08	10.4		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			18.0	T	23.70	R	25.31	F	05	V	0.25	10.2		
17	08	64	10.0	BR	0007	36	58.8	76	20.5	18		7			*			18.0						*	V	0.05	10.4		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			00.0			R	22.47	F	05	V	0.55	10.6		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			00.0					D	05	D	0.35	10.8		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			00.0					F	05	V	0.33	10.8		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			04.0			R	22.74	F	05	V	0.50	10.6		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			04.0					F	05	V	0.30	10.9		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			08.0			R	23.04	F	05	V	0.40	10.7		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			08.0					F	05	V	0.15	10.9		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			10.0			R	23.21	F	05	V	0.40	10.7		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			10.0					F	05	V	0.10	10.9		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			12.0			R	24.06	F	05	V	0.25	10.7		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			12.0					F	05	V	0.10	10.9		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			14.0			R	24.36	F	05	V	0.10	10.8		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			14.0					F	05	V	0.05	10.9		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			18.0			R	25.33	F	*		*	10.8		
17	08	64	10.5	BR	0007	36	58.8	76	20.5	18		7			*			18.0					F	05	V	0.08	10.9		
17	08	64	11.0	BR	0007	36	58.8	76	20.5	18		*			*	1.5		00.0	T	24.20	R	22.28		*		*	*		
17	08	64	11.0	BR	0007	36	58.8	76	20.5	18		*			*	1.5		04.0	T	24.10	R	22.55		*		*	*		
17	08	64	11.0	BR	0007	36	58.8	76	20.5	18		*			*	1.5		08.0	T	24.00	R	22.95		*		*	*		
17	08	64	11.0	BR	0007	36	58.8	76	20.5	18		*			*	1.5		10.0	T	23.90	R	23.16		*		*	*		
17	08	64	11.0	BR	0007	36	58.8	76	20.5	18		*			*	1.5		12.0	T	23.80	R	24.74		*		*	*		
17	08	64	11.0	BR	0007	36	58.8	76	20.5	18		*			*	1.5		14.0	T	23.70	R	25.11		*		*	*		
17	08	64	11.0	BR	0007	36	58.8	76	20.5	18		*			*	1.5		18.0	T	23.70	R	25.32		*		*	*		
17	08	64	11.5	BR	0007	36	58.8	76	20.5	18		4			*	1.1		00.0	T	24.20	R	21.99	D	01	D	0.24	11.8		
17	08	64	11.5	BR	0007	36	58.8	76	20.5	18		4			*	1.1		02.0	T	24.20	R	21.84	F	36	W	0.25	11.5		
17	08	64	11.5	BR	0007	36	58.8	76	20.5	18		4			*	1.1		04.0	T	24.20	R	22.22	F	36	W	0.15	11.5		
17	08	64	11.5	BR	0007	36	58.8	76	20.5	18		4			*	1.1		06.0	T	24.00	R	22.89	F	36	W	0.11	11.5		
17	08	64	11.5	BR	0007	36	58.8	76	20.5	18		4			*	1.1		08.0	T	24.00	R	22.95	F	36	W	0.08	11.5		
17	08	64	11.5	BR	0007	36	58.8	76	20.5	18		4			*	1.1		10.0	T	24.00	R	23.02	F	36	W	0.08	11.5		
17	08	64	11.5	BR	0007	36	58.8	76	20.5	18		4			*	1.1		12.0	T	23.90	R	24.02	F	36	W	0.10	11.5		
17	08	64	11.5	BR	0007	36	58.8	76	20.5	18		4			*	1.1		14.0	T	23.80	R	24.49	F	36	W	0.15	11.5		
17	08	64	11.5	BR	0007	36	58.8	76	20.5	18		4			*	1.1		18.0	T	23.60	R	25.20	F	36	W	0.15	11.6		
17	08	64	12.0	BR	0007	36	58.8	76	20.5	18		5			*	1.1		00.0	T	24.30	R	21.77	D	33	D	0.26	12.1		
17	08	64	12.0	BR	0007	36	58.8	76	20.5	18		5			*	1.1		02.0	T	24.30	R	21.81		*	W	0.17	12.2		
17	08	64	12.0	BR	0007	36	58.8	76	20.5	18		5			*	1.1		04.0	T	24.20	R	22.24		*	W	0.09	12.2		
17	08	64	12.0	BR	0007	36	58.8	76	20.5	18		5			*	1.1		06.0	T	24.00	R	22.74		*	W	0.10	12.2		
17	08	64	12.0	BR	0007	36	58.8	76	20.5	18		5			*	1.1		08.0	T	24.00	R	22.77		*	W	0.12	12.2		
17	08	64	12.0	BR	0007	36	58.8	76	20.5	18		5			*	1.1		10.0	T	24.00	R	22.78		*	W	0.15	12.2		
17	08	64	12.0	BR	0007	36	58.8	76	20.5	18		5			*	1.1		12.0	T	24.00	R	23.01		*	W	0.23	12.2		
17	08	64	12.0	BR	0007	36	58.8	76	20.5	18		5			*	1.1		14.0	T	23.80	R	24.85		*	W	0.25	12.2		
17	08	64	12.0	BR	0007	36	58.8	76	20.5	18		5			*	1.1		18.0	T	23.80	R	25.00		*	W	0.16	12.3		
17	08	64	12.5	BR	0007	36	58.8	76	20.5	18		5			*	1.1		00.0	T	24.30	R	21.68	D	30	D	0.14	12.6		
17	08	64	12.5	BR	0007	36	58.8	76	20.5	18		5			*	1.1		02.0	T	24.30	R	21.76		*	W	0.16	12.7		
17	08	64	12.5	BR	0007	36	58.8	76	20.5	18		5			*	1.1		04.0	T	24.10	R	22.48		*	W	0.10	12.7		
17	08	64	12.5	BR	0007	36	58.8	76	20.5	18		5			*	1.1		06.0	T	24.00	R	22.50		*	W	0.13	12.7		
17	08	64	12.5	BR	0007	36	58.8	76	20.5	18		5			*	1.1		08.0	T	24.00	R	22.56		*	W	0.17	12.7		
17	08	64	12.5	BR	0007	36	58.8	76	20.5	18		5			*	1.1		10.0	T	24.00	R	22.73		*	W	0.30	12.7		
17	08	64	12.5	BR	0007	36	58.8	76	20.5	18		5			*	1.1		12.0	T	23.90	R	23.21		*	W	0.50	12.7		
17	08	64	12.5	BR	0007	36	58.8	76	20.5	18		5			*	1.1		18.0	T	23.70	R	25.12		*	W	0.21	12.8		
17	08	64	12.5	BR	0007	36	58.8	76	20.5	18		5			*	1.1		14.0	T	23.80	R	25.00		*	W	0.45	12.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.				
17	08	64	13.0	BR	0007	36	58.8	76	20.5	18		5			*	1.0		00.0			R	21.61	D	28	D	0.20	13.1		
17	08	64	13.0	BR	0007	36	58.8	76	20.5	18		5			*	1.0		02.0			R	21.66		*	W	0.13	13.2		
17	08	64	13.0	BR	0007	36	58.8	76	20.5	18		5			*	1.0		04.0			R	22.28		*	W	0.11	13.2		
17	08	64	13.0	BR	0007	36	58.8	76	20.5	18		5			*	1.0		06.0			R	22.29		*	W	0.12	13.2		
17	08	64	13.0	BR	0007	36	58.8	76	20.5	18		5			*	1.0		08.0			R	22.60		*	W	0.25	13.2		
17	08	64	13.0	BR	0007	36	58.8	76	20.5	18		5			*	1.0		10.0			R	23.49		*	W	0.48	13.2		
17	08	64	13.0	BR	0007	36	58.8	76	20.5	18		5			*	1.0		12.0			R	24.87		*	W	0.62	13.2		
17	08	64	13.0	BR	0007	36	58.8	76	20.5	18		5			*	1.0		14.0			R	25.40	F	24	W	0.52	13.2		
17	08	64	13.0	BR	0007	36	58.8	76	20.5	18		5			*	1.0		18.0			R	25.64		*	W	0.35	13.3		
17	08	64	13.6	BR	0007	36	58.8	76	20.5	18		5			*			00.0	T	24.40				*		*	*		
17	08	64	13.6	BR	0007	36	58.8	76	20.5	18		5			*			02.0	T	24.40				*		*	*		
17	08	64	13.6	BR	0007	36	58.8	76	20.5	18		5			*			04.0	T	24.20				*		*	*		
17	08	64	13.6	BR	0007	36	58.8	76	20.5	18		5			*			06.0	T	24.20				*		*	*		
17	08	64	13.6	BR	0007	36	58.8	76	20.5	18		5			*			08.0	T	24.10				*		*	*		
17	08	64	13.6	BR	0007	36	58.8	76	20.5	18		5			*			10.0	T	23.90				*		*	*		
17	08	64	13.6	BR	0007	36	58.8	76	20.5	18		5			*			12.0	T	23.70				*		*	*		
17	08	64	13.6	BR	0007	36	58.8	76	20.5	18		5			*			14.0	T	23.70				*		*	*		
17	08	64	13.6	BR	0007	36	58.8	76	20.5	18		5			*			18.0	T	23.60				*		*	*		
17	08	64	14.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		00.0	T	24.50	R	21.64	D	26	D	0.24	14.0		
17	08	64	14.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		02.0	T	24.40	R	21.65	F	23	W	0.22	14.0		
17	08	64	14.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		04.0	T	24.40	R	21.68	F	23	W	0.17	14.0		
17	08	64	14.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		06.0	T	24.20	R	22.33	F	23	W	0.28	14.0		
17	08	64	14.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		08.0	T	24.00	R	22.80	F	23	W	0.60	14.0		
17	08	64	14.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		10.0	T	23.90	R	23.53	F	23	W	0.60	14.0		
17	08	64	14.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		12.0	T	23.80	R	24.59	F	24	W	0.60	14.0		
17	08	64	14.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		14.0	T	23.80	R	24.65	F	24	W	0.50	14.0		
17	08	64	14.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		18.0	T	23.70	R	26.12	F	24	W	0.39	14.1		
17	08	64	14.5	BR	0007	36	58.8	76	20.5	18		5			*	1.0		00.0	T	24.70	R	21.71	D	27	D	0.30	14.6		
17	08	64	14.5	BR	0007	36	58.8	76	20.5	18		5			*	1.0		02.0	T	24.30	R	22.21		*	W	0.22	14.5		
17	08	64	14.5	BR	0007	36	58.8	76	20.5	18		5			*	1.0		04.0	T	24.00	R	22.72	F	23	W	0.33	14.5		
17	08	64	14.5	BR	0007	36	58.8	76	20.5	18		5			*	1.0		06.0	T	23.80	R	23.03		*	W	0.50	14.5		
17	08	64	14.5	BR	0007	36	58.8	76	20.5	18		5			*	1.0		08.0	T	23.80	R	23.81	F	24	W	0.50	14.5		
17	08	64	14.5	BR	0007	36	58.8	76	20.5	18		5			*	1.0		10.0	T	23.80	R	24.04		*	W	0.62	14.5		
17	08	64	14.5	BR	0007	36	58.8	76	20.5	18		5			*	1.0		12.0	T	23.70	R	24.22	F	25	W	0.62	14.5		
17	08	64	14.5	BR	0007	36	58.8	76	20.5	18		5			*	1.0		14.0	T	23.80	R	24.41		*	W	0.50	14.5		
17	08	64	14.5	BR	0007	36	58.8	76	20.5	18		5			*	1.0		18.0	T	23.60	R	25.79	F	24	W	0.40	14.6		
17	08	64	15.0	BR	0007	36	58.8	76	20.5	18		6			*	1.0		00.0					D	23	D	0.51	15.1		
17	08	64	15.0	BR	0007	36	58.8	76	20.5	18		6			*	1.0		00.0						*	W	0.45	15.2		
17	08	64	15.0	BR	0007	36	58.8	76	20.5	18		6			*	1.0		04.0						*	W	0.85	15.2		
17	08	64	15.0	BR	0007	36	58.8	76	20.5	18		6			*	1.0		06.0						*	W	0.75	15.2		
17	08	64	15.0	BR	0007	36	58.8	76	20.5	18		6			*	1.0		08.0						*	W	0.62	15.2		
17	08	64	15.0	BR	0007	36	58.8	76	20.5	18		6			*	1.0		10.0						*	W	0.50	15.2		
17	08	64	15.0	BR	0007	36	58.8	76	20.5	18		6			*	1.0		12.0						*	W	0.45	15.2		
17	08	64	15.0	BR	0007	36	58.8	76	20.5	18		6			*	1.0		14.0						*	W	0.22	15.2		
17	08	64	15.0	BR	0007	36	58.8	76	20.5	18		6			*	1.0		18.0						*	W	0.11	15.3		
17	08	64	15.5	BR	0007	36	58.8	76	20.5	18		*			*			00.0			R	22.76	P	24	V	0.60	15.6		
17	08	64	15.5	BR	0007	36	58.8	76	20.5	18		*			*			04.0			R	23.34		*	V	0.60	15.6		
17	08	64	15.5	BR	0007	36	58.8	76	20.5	18		*			*			08.0			R	24.06		*	V	0.50	15.6		
17	08	64	15.5	BR	0007	36	58.8	76	20.5	18		*			*			10.0			R	25.31		*	V	0.37	15.6		
17	08	64	15.5	BR	0007	36	58.8	76	20.5	18		*			*			12.0			R	25.57		*	V	0.38	15.6		
17	08	64	15.5	BR	0007	36	58.8	76	20.5	18		*			*			14.0			R	25.59		*	V	0.25	15.6		
17	08	64	15.5	BR	0007	36	58.8	76	20.5	18		*			*			18.0			R	25.59		*	V	0.12	15.6		
17	08	64	16.0	BR	0007	36	58.8	76	20.5	18		*			*			00.0	T	24.40	R	22.85	D	24	V	0.80	16.0		
17	08	64	16.0	BR	0007	36	58.8	76	20.5	18		*			*			04.0	T	23.90	R	23.43		*	V	0.60	16.0		
17	08	64	16.0	BR	0007	36	58.8	76	20.5	18		*			*			08.0	T	23.90	R	23.52		*	V	0.46	16.0		
17	08	64	16.0	BR	0007	36	58.8	76	20.5	18		*			*			10.0	T	23.80	R	23.62		*	V	0.42	16.0		
17	08	64	16.0	BR	0007	36	58.8	76	20.5	18		*			*			12.0	T	23.80	R	24.06		*	V	0.21	16.0		
17	08	64	16.0	BR	0007	36	58.8	76	20.5	18		*			*			14.0	T	23.50	R	24.32		*	V	0.12	16.0		
17	08	64	16.0	BR	0007	36	58.8	76	20.5	18		*			*			18.0	T	22.80	R	25.36		*	V	0.08	16.0		
17	08	64	16.5	BR	0007	36	58.8	76	20.5	18		*			*			00.0			R	22.79	D	24	V	0.75	16.5		
17	08	64	16.5	BR	0007	36	58.8	76	20.5	18		*			*			04.0			R	23.18		*	V	0.80	16.5		
17	08	64	16.5	BR	0007	36	58.8	76	20.5	18		*			*			08.0			R	23.40		*	V	0.60	16.5		
17	08	64	16.5	BR	0007	36	58.8	76	20.5	18		*			*			10.0			R	23.36		*	V	0.55	16.5		
17	08	64	16.5	BR	0007	36	58.8	76	20.5	18		*			*			12.0			R	23.55		*	V	0.35	16.5		
17	08	64	16.5	BR	0007	36	58.8	76	20.5	18		*			*			14.0			R	24.08		*	V	0.15	16.5		
17	08	64	16.5	BR	0007	36	58.8	76	20.5	18		*			*			18.0			R	24.49		*	V	0.05	16.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
17	08	64	17.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		00.0	T	24.30	R	22.97	D	24	V	0.65	17.0	
17	08	64	17.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		04.0	T	24.40	R	23.18		*	V	0.62	17.1	
17	08	64	17.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		08.0	T	23.90	R	23.34		*	V	0.60	17.1	
17	08	64	17.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		10.0	T	23.80	R	23.45		*	V	0.50	17.1	
17	08	64	17.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		12.0	T	23.80	R	23.54		*	V	0.42	17.1	
17	08	64	17.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		14.0	T	23.80	R	24.21		*	V	0.33	17.1	
17	08	64	17.0	BR	0007	36	58.8	76	20.5	18		*			*	1.0		18.0	T	23.70	R	25.07		*	V	0.05	17.2	
17	08	64	18.0	BR	0007	36	58.8	76	20.5	18		*			*	1.1		00.0	T	24.00	R	23.21	P	25	V	0.50	18.0	
17	08	64	17.5	BR	0007	36	58.8	76	20.5	18		*			*			00.0			R	22.82	D	24	V	0.50	17.5	
17	08	64	17.5	BR	0007	36	58.8	76	20.5	18		*			*			04.0			R	22.93		*	V	0.50	17.5	
17	08	64	17.5	BR	0007	36	58.8	76	20.5	18		*			*			08.0			R	23.13		*	V	0.48	17.5	
17	08	64	17.5	BR	0007	36	58.8	76	20.5	18		*			*			10.0			R	23.30		*	V	0.40	17.5	
17	08	64	17.5	BR	0007	36	58.8	76	20.5	18		*			*			12.0			R	23.45		*	V	0.33	17.5	
17	08	64	17.5	BR	0007	36	58.8	76	20.5	18		*			*			14.0			R	24.03		*	V	0.23	17.5	
17	08	64	17.5	BR	0007	36	58.8	76	20.5	18		*			*			18.0			R	25.19		*	V	0.08	17.5	
17	08	64	18.5	BR	0007	36	58.8	76	20.5	18		*			*			00.0			R	22.88	D	25	V	0.36	18.5	
17	08	64	18.5	BR	0007	36	58.8	76	20.5	18		*			*			04.0			R	22.84		*	V	0.36	18.5	
17	08	64	18.5	BR	0007	36	58.8	76	20.5	18		*			*			08.0			R	23.25		*	V	0.25	18.5	
17	08	64	18.5	BR	0007	36	58.8	76	20.5	18		*			*			10.0			R	23.36		*	V	0.17	18.5	
17	08	64	18.5	BR	0007	36	58.8	76	20.5	18		*			*			12.0			R	24.25		*	V	0.10	18.5	
17	08	64	18.5	BR	0007	36	58.8	76	20.5	18		*			*			14.0			R	25.04		*	V	0.05	18.5	
17	08	64	18.5	BR	0007	36	58.8	76	20.5	18		*			*			18.0			R	25.34		*	V	0.10	18.5	
17	08	64	18.0	BR	0007	36	58.8	76	20.5	18		*			*	1.1		04.0	T	23.90	R	23.28		*	V	0.45	18.0	
17	08	64	18.0	BR	0007	36	58.8	76	20.5	18		*			*	1.1		08.0	T	23.80	R	23.53		*	V	0.30	18.0	
17	08	64	18.0	BR	0007	36	58.8	76	20.5	18		*			*	1.1		10.0	T	23.80	R	24.27		*	V	0.15	18.0	
17	08	64	18.0	BR	0007	36	58.8	76	20.5	18		*			*	1.1		12.0	T	23.70	R	24.90		*	V	0.12	18.0	
17	08	64	18.0	BR	0007	36	58.8	76	20.5	18		*			*	1.1		14.0	T	23.70	R	25.28		*	V	0.05	18.0	
17	08	64	18.0	BR	0007	36	58.8	76	20.5	18		*			*	1.1		18.0	T	23.70	R	25.30		*	V	0.10	18.1	
17	08	64	19.0	BR	0007	36	58.8	76	20.5	18		*			*	1.3		00.0	T	24.00	R	23.22	D	24	V	0.21	19.0	
17	08	64	19.0	BR	0007	36	58.8	76	20.5	18		*			*	1.3		04.0	T	23.80	R	23.23		*	V	0.21	19.0	
17	08	64	19.0	BR	0007	36	58.8	76	20.5	18		*			*	1.3		08.0	T	23.80	R	23.25		*	V	0.11	19.0	
17	08	64	19.0	BR	0007	36	58.8	76	20.5	18		*			*	1.3		10.0	T	23.70	R	23.51		*	V	0.09	19.0	
17	08	64	19.0	BR	0007	36	58.8	76	20.5	18		*			*	1.3		12.0	T	23.60	R	25.35		*	V	0.12	19.0	
17	08	64	19.0	BR	0007	36	58.8	76	20.5	18		*			*	1.3		14.0	T	23.60	R	25.40		*	V	0.15	19.0	
17	08	64	19.0	BR	0007	36	58.8	76	20.5	18		*			*	1.3		18.0	T	23.50	R	25.62		*	V	0.14	19.0	
17	08	64	19.5	BR	0007	36	58.8	76	20.5	18		8			*			00.0			R	22.84	F	00	D	0.00	19.5	
17	08	64	19.5	BR	0007	36	58.8	76	20.5	18		8			*			04.0			R	23.16	F	00	V	0.08	19.5	
17	08	64	19.5	BR	0007	36	58.8	76	20.5	18		8			*			08.0			R	23.19	F	05	V	0.08	19.5	
17	08	64	19.5	BR	0007	36	58.8	76	20.5	18		8			*			10.0			R	24.81	F	05	V	0.15	19.5	
17	08	64	19.5	BR	0007	36	58.8	76	20.5	18		8			*			12.0			R	25.12	F	10	V	0.15	19.5	
17	08	64	19.5	BR	0007	36	58.8	76	20.5	18		8			*			14.0			R	25.56	F	10	V	0.08	19.5	
17	08	64	19.5	BR	0007	36	58.8	76	20.5	18		8			*			18.0			R	25.68	F	10	V	0.05	19.5	
17	08	64	20.0	BR	0007	36	58.8	76	20.5	18		8			*			00.0	T	23.90	R	23.01	F	08	D	0.51	20.0	
17	08	64	20.0	BR	0007	36	58.8	76	20.5	18		8			*			04.0	T	23.80	R	23.06	F	05	V	0.18	20.0	
17	08	64	20.0	BR	0007	36	58.8	76	20.5	18		8			*			08.0	T	23.70	R	24.80	F	30	V	0.20	20.0	
17	08	64	20.0	BR	0007	36	58.8	76	20.5	18		8			*			10.0	T	23.60	R	25.08	F	30	V	0.22	20.0	
17	08	64	20.0	BR	0007	36	58.8	76	20.5	18		8			*			12.0	T	23.60	R	25.40	F	15	V	0.15	20.0	
17	08	64	20.0	BR	0007	36	58.8	76	20.5	18		8			*			14.0	T	23.50	R	25.56	F	10	V	0.13	20.0	
17	08	64	20.0	BR	0007	36	58.8	76	20.5	18		8			*			18.0	T	23.50	R	25.78	F	10	V	0.08	20.0	
17	08	64	20.5	BR	0007	36	58.8	76	20.5	18		5			*			00.0			R	22.26	D	08	D	0.70	20.5	
17	08	64	20.5	BR	0007	36	58.8	76	20.5	18		5			*			04.0			R	22.89	F	05		*	20.5	
17	08	64	20.5	BR	0007	36	58.8	76	20.5	18		5			*			08.0			R	23.55	F	05		*	20.5	
17	08	64	20.5	BR	0007	36	58.8	76	20.5	18		5			*			10.0			R	23.92	F	05		*	20.5	
17	08	64	20.5	BR	0007	36	58.8	76	20.5	18		5			*			12.0			R	24.68	F	05		*	20.5	
17	08	64	20.5	BR	0007	36	58.8	76	20.5	18		5			*			14.0			R	25.20	F	05		*	20.5	
17	08	64	20.5	BR	0007	36	58.8	76	20.5	18		5			*			18.0			R	25.59	F	05		*	20.5	
17	08	64	21.0	BR	0007	36	58.8	76	20.5	18		5			*			00.0	T	24.10	R	22.57	F	07	D	0.63	21.0	
17	08	64	21.0	BR	0007	36	58.8	76	20.5	18		5			*			04.0	T	24.10	R	22.86	F	08	V	0.50	21.0	
17	08	64	21.0	BR	0007	36	58.8	76	20.5	18		5			*			08.0	T	23.90	R	22.96	F	08	V	0.51	21.0	
17	08	64	21.0	BR	0007	36	58.8	76	20.5	18		5			*			10.0	T	23.80	R	23.40	F	08	V	0.38	21.0	
17	08	64	21.0	BR	0007	36	58.8	76	20.5	18		5			*			12.0	T	23.70	R	24.07	F	08	V	0.30	21.0	
17	08	64	21.0	BR	0007	36	58.8	76	20.5	18		5			*			14.0	T	23.70	R	24.47	F	08	V	0.15	21.0	
17	08	64	21.0	BR	0007	36	58.8	76	20.5	18		5			*			18.0	T	23.50	R	25.60	F	08	V	0.12	21.0	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
17	08	64	21.5	BR	0007	36	58.8	76	20.5	18		6			*			00.0			R	22.81	D	07	D	0.60	21.5
17	08	64	21.5	BR	0007	36	58.8	76	20.5	18		6			*			04.0			R	22.90	F	07	V	0.49	21.5
17	08	64	21.5	BR	0007	36	58.8	76	20.5	18		6			*			08.0			R	23.05	F	07	V	0.51	21.5
17	08	64	21.5	BR	0007	36	58.8	76	20.5	18		6			*			10.0			R	24.09	F	07	V	0.48	21.5
17	08	64	21.5	BR	0007	36	58.8	76	20.5	18		6			*			12.0			R	24.67	F	07	V	0.42	21.5
17	08	64	21.5	BR	0007	36	58.8	76	20.5	18		6			*			14.0			R	25.01	F	07	V	0.28	21.5
17	08	64	21.5	BR	0007	36	58.8	76	20.5	18		6			*			18.0			R	25.50	F	07	V	0.03	21.5
17	08	64	22.0	BR	0007	36	58.8	76	20.5	18		6			*			00.0	T	24.00	R	23.16	D	07	D	0.47	22.0
17	08	64	22.0	BR	0007	36	58.8	76	20.5	18		6			*			04.0	T	23.90	R	23.12	F	08	V	0.46	22.0
17	08	64	22.0	BR	0007	36	58.8	76	20.5	18		6			*			08.0	T	23.80	R	23.54	F	08	V	0.50	22.0
17	08	64	22.0	BR	0007	36	58.8	76	20.5	18		6			*			10.0	T	23.80	R	23.64	F	08	V	0.48	22.0
17	08	64	22.0	BR	0007	36	58.8	76	20.5	18		6			*			12.0	T	23.80	R	23.79	F	08	V	0.34	22.0
17	08	64	22.0	BR	0007	36	58.8	76	20.5	18		6			*			14.0	T	23.80	R	24.04	F	08	V	0.25	22.0
17	08	64	22.0	BR	0007	36	58.8	76	20.5	18		6			*			18.0	T	23.70	R	25.23	F	08	V	0.05	22.0
17	08	64	22.5	BR	0007	36	58.8	76	20.5	18		6			*			00.0			R	22.98	D	06	D	0.44	22.5
17	08	64	22.5	BR	0007	36	58.8	76	20.5	18		6			*			04.0			R	22.97	F	07	V	0.43	22.5
17	08	64	22.5	BR	0007	36	58.8	76	20.5	18		6			*			08.0			R	23.06	F	07	V	0.46	22.5
17	08	64	22.5	BR	0007	36	58.8	76	20.5	18		6			*			10.0			R	23.34	F	07	V	0.43	22.5
17	08	64	22.5	BR	0007	36	58.8	76	20.5	18		6			*			12.0			R	23.55	F	07	V	0.28	22.5
17	08	64	22.5	BR	0007	36	58.8	76	20.5	18		6			*			14.0			R	23.64	F	07	V	0.20	22.5
17	08	64	22.5	BR	0007	36	58.8	76	20.5	18		6			*			18.0			R	24.25	F	07	V	0.05	22.5
17	08	64	23.0	BR	0007	36	58.8	76	20.5	18		*			*			00.0	T	24.00	R	22.78	D	08	D	0.35	23.0
17	08	64	23.0	BR	0007	36	58.8	76	20.5	18		*			*			04.0	T	23.90	R	23.28	F	08	V	0.34	23.0
17	08	64	23.0	BR	0007	36	58.8	76	20.5	18		*			*			08.0	T	23.80	R	23.61	F	08	V	0.25	23.0
17	08	64	23.0	BR	0007	36	58.8	76	20.5	18		*			*			10.0	T	23.80	R	23.76	F	08	V	0.20	23.0
17	08	64	23.0	BR	0007	36	58.8	76	20.5	18		*			*			12.0	T	23.80	R	23.89	F	08	V	0.22	23.0
17	08	64	23.0	BR	0007	36	58.8	76	20.5	18		*			*			14.0	T	23.70	R	23.94	F	08	V	0.20	23.0
17	08	64	23.0	BR	0007	36	58.8	76	20.5	18		*			*			18.0			R	24.39	F	08	V	0.15	23.0
17	08	64	23.5	BR	0007	36	58.8	76	20.5	18		7			*			00.0			R	22.60	D	09	D	0.12	23.5
17	08	64	23.5	BR	0007	36	58.8	76	20.5	18		7			*			04.0			R	23.04	F	07	V	0.20	23.5
17	08	64	23.5	BR	0007	36	58.8	76	20.5	18		7			*			08.0			R	23.49	F	07	V	0.15	23.5
17	08	64	23.5	BR	0007	36	58.8	76	20.5	18		7			*			10.0			R	23.71	F	07	V	0.20	23.5
17	08	64	23.5	BR	0007	36	58.8	76	20.5	18		7			*			12.0			R	23.81	F	07	V	0.15	23.5
17	08	64	23.5	BR	0007	36	58.8	76	20.5	18		7			*			14.0			R	24.03	F	07	V	0.08	23.5
17	08	64	23.5	BR	0007	36	58.8	76	20.5	18		7			*			18.0			R	24.19	F	07	V	0.05	23.5
18	08	64	00.0	BR	0007	36	58.8	76	20.5	18		8			*			00.0			R	22.50	D	00	V	0.08	00.0
18	08	64	00.0	BR	0007	36	58.8	76	20.5	18		8			*			04.0			R	22.99		*	V	0.10	00.0
18	08	64	00.0	BR	0007	36	58.8	76	20.5	18		8			*			08.0			R	23.55		*	V	0.12	00.0
18	08	64	00.0	BR	0007	36	58.8	76	20.5	18		8			*			10.0			R	23.64		*	V	0.15	00.0
18	08	64	00.0	BR	0007	36	58.8	76	20.5	18		8			*			12.0			R	23.97		*	V	0.05	00.0
18	08	64	00.0	BR	0007	36	58.8	76	20.5	18		8			*			14.0			R	24.01		*	V	0.08	00.0
18	08	64	00.0	BR	0007	36	58.8	76	20.5	18		8			*			18.0			R	24.13		*	V	0.05	00.0
17	08	64	10.0	TB	0007	36	57.3	76	25.2	15		*			*			00.0	T	24.10	R	19.69	P	11	D	0.15	11.3
17	08	64	10.0	TB	0007	36	57.3	76	25.2	15		*			*			04.0	T	24.10	R	21.38		*	U	0.88	11.3
17	08	64	10.0	TB	0007	36	57.3	76	25.2	15		*			*			08.0	T	24.00	R	21.98		*	U	0.45	11.3
17	08	64	10.0	TB	0007	36	57.3	76	25.2	15		*			*			10.0	T	24.10	R	21.97		*	U	0.43	11.3
17	08	64	10.0	TB	0007	36	57.3	76	25.2	15		*			*			12.0	T	24.10	R	21.95		*		0.00	11.3
17	08	64	10.5	TB	0007	36	57.3	76	25.2	15		7			*	1.2		00.0	T	23.20	R	19.76	P	11	D	0.68	10.5
17	08	64	10.5	TB	0007	36	57.3	76	25.2	15		7			*	1.2		04.0	T	24.00	R	21.65		*		*	10.5
17	08	64	10.5	TB	0007	36	57.3	76	25.2	15		7			*	1.2		08.0	T	24.10	R	21.77		*		*	10.5
17	08	64	10.5	TB	0007	36	57.3	76	25.2	15		7			*	1.2		10.0	T	24.00	R	21.77		*		*	10.5
17	08	64	10.5	TB	0007	36	57.3	76	25.2	15		7			*	1.2		12.0	T	24.20	R	21.71		*		*	10.5
17	08	64	10.5	TB	0007	36	57.3	76	25.2	15		7			*	1.2		14.0	T	24.20	R	21.71		*		*	10.5
17	08	64	11.0	TB	0007	36	57.3	76	25.2	15		7			*	1.1		00.0	T	24.10	R	19.50		*	D	0.44	11.0
17	08	64	11.0	TB	0007	36	57.3	76	25.2	15		7			*	1.1		04.0	T	24.10	R	20.84		*		*	11.0
17	08	64	11.0	TB	0007	36	57.3	76	25.2	15		7			*	1.1		08.0	T	24.10	R	21.35		*		*	11.0
17	08	64	11.0	TB	0007	36	57.3	76	25.2	15		7			*	1.1		10.0	T	24.10	R	21.59		*		*	11.0
17	08	64	11.0	TB	0007	36	57.3	76	25.2	15		7			*	1.1		12.0	T	24.20	R	21.68		*		*	11.0
17	08	64	11.0	TB	0007	36	57.3	76	25.2	15		7			*	1.1		14.0	T	24.30	R	21.71		*		*	*

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
17	08	64	11.5	TB	0007	36	57.3	76	25.2	15	7			*	1.0	00.0	T	24.40	R	19.55		*	D	0.34	11.5
17	08	64	11.5	TB	0007	36	57.3	76	25.2	15	7			*	1.0	04.0	T	24.30	R	20.86		*		*	11.5
17	08	64	11.5	TB	0007	36	57.3	76	25.2	15	7			*	1.0	08.0	T	24.30	R	21.03		*		*	11.5
17	08	64	11.5	TB	0007	36	57.3	76	25.2	15	7			*	1.0	10.0	T	24.40	R	21.26		*		*	11.5
17	08	64	11.5	TB	0007	36	57.3	76	25.2	15	7			*	1.0	12.0	T	24.20	R	21.52		*		*	11.5
17	08	64	11.5	TB	0007	36	57.3	76	25.2	15	7			*	1.0	14.0	T	24.20	R	21.60		*		*	*
17	08	64	12.0	TB	0007	36	57.3	76	25.2	15	8			*	1.1	00.0						*	U	0.32	12.2
17	08	64	12.0	TB	0007	36	57.3	76	25.2	15	8			*	1.1	04.0						*	U	0.00	12.2
17	08	64	12.0	TB	0007	36	57.3	76	25.2	15	8			*	1.1	05.0			R	19.33		*		*	*
17	08	64	12.0	TB	0007	36	57.3	76	25.2	15	8			*	1.1	08.0						*	U	0.00	12.3
17	08	64	12.0	TB	0007	36	57.3	76	25.2	15	8			*	1.1	09.0			R	20.66		*		*	*
17	08	64	12.0	TB	0007	36	57.3	76	25.2	15	8			*	1.1	10.0						*	U	0.00	12.3
17	08	64	12.0	TB	0007	36	57.3	76	25.2	15	8			*	1.1	11.0			R	21.43		*		*	*
17	08	64	12.0	TB	0007	36	57.3	76	25.2	15	8			*	1.1	12.0						*	U	0.00	12.3
17	08	64	12.0	TB	0007	36	57.3	76	25.2	15	8			*	1.1	13.0			R	21.60		*		*	*
17	08	64	12.0	TB	0007	36	57.3	76	25.2	15	8			*	1.1	14.0			R	21.92		*		*	12.0
17	08	64	12.0	TB	0007	36	57.3	76	25.2	15	8			*	1.1	15.0			R	21.70		*		*	*
17	08	64	12.5	TB	0007	36	57.3	76	25.2	15	1			*		04.0						*	U	0.01	12.9
17	08	64	12.5	TB	0007	36	57.3	76	25.2	15	1			*		00.0	T	24.40	R	19.68		*	U	0.09	12.9
17	08	64	12.5	TB	0007	36	57.3	76	25.2	15	1			*		01.3	T	24.20	R	21.68		*		*	*
17	08	64	12.5	TB	0007	36	57.3	76	25.2	15	1			*		04.0						*	U	0.01	12.9
17	08	64	12.5	TB	0007	36	57.3	76	25.2	15	1			*		05.0	T	24.30	R	21.53		*		*	*
17	08	64	12.5	TB	0007	36	57.3	76	25.2	15	1			*		08.0						*	U	0.30	12.8
17	08	64	12.5	TB	0007	36	57.3	76	25.2	15	1			*		09.0	T	24.20	R	21.45		*		*	*
17	08	64	12.5	TB	0007	36	57.3	76	25.2	15	1			*		10.0						*	U	0.25	12.8
17	08	64	12.5	TB	0007	36	57.3	76	25.2	15	1			*		12.0						*	U	0.00	12.8
17	08	64	12.5	TB	0007	36	57.3	76	25.2	15	1			*		15.0	T	24.20	R	22.06		*		*	*
17	08	64	12.5	TB	0007	36	57.3	76	25.2	15	1			*		15.5	T	24.20	R	22.08		*		*	*
17	08	64	13.1	TB	0007	36	57.3	76	25.2	15	1			*	1.3	00.0			R	20.35		*	U	0.00	13.3
17	08	64	13.1	TB	0007	36	57.3	76	25.2	15	1			*	1.3	04.0						*	U	0.34	13.3
17	08	64	13.1	TB	0007	36	57.3	76	25.2	15	1			*	1.3	05.0			R	21.43		*		*	*
17	08	64	13.1	TB	0007	36	57.3	76	25.2	15	1			*	1.3	08.0						*	U	0.42	13.3
17	08	64	13.1	TB	0007	36	57.3	76	25.2	15	1			*	1.3	09.0						*		*	*
17	08	64	13.1	TB	0007	36	57.3	76	25.2	15	1			*	1.3	10.0						*	U	0.37	13.3
17	08	64	13.1	TB	0007	36	57.3	76	25.2	15	1			*	1.3	11.0			R	22.55		*		*	*
17	08	64	13.1	TB	0007	36	57.3	76	25.2	15	1			*	1.3	12.0			R	22.57		*	U	0.20	13.4
17	08	64	13.5	TB	0007	36	57.3	76	25.2	15	1			*		00.0	T	24.40	R	20.52		*	U	0.07	13.8
17	08	64	13.5	TB	0007	36	57.3	76	25.2	15	1			*		04.0						*	U	0.44	13.8
17	08	64	13.5	TB	0007	36	57.3	76	25.2	15	1			*		05.0	T	24.20	R	21.56		*		*	13.8
17	08	64	13.5	TB	0007	36	57.3	76	25.2	15	1			*		08.0						*	U	0.48	13.8
17	08	64	13.5	TB	0007	36	57.3	76	25.2	15	1			*		09.0	T	24.10	R	22.28		*		*	13.8
17	08	64	13.5	TB	0007	36	57.3	76	25.2	15	1			*		10.0						*	U	0.44	13.8
17	08	64	13.5	TB	0007	36	57.3	76	25.2	15	1			*		11.0	T	24.10	R	22.83		*		*	13.8
17	08	64	13.5	TB	0007	36	57.3	76	25.2	15	1			*		12.0	T	24.10	R	22.89		*	U	0.20	13.8
17	08	64	14.0	TB	0007	36	57.3	76	25.2	15	1			*		00.0			R	20.41	P	31	U	0.17	14.2
17	08	64	14.0	TB	0007	36	57.3	76	25.2	15	1			*		04.0			R	22.02	P	27	U	0.51	14.2
17	08	64	14.0	TB	0007	36	57.3	76	25.2	15	1			*		08.0			R	22.68		*	U	0.60	14.2
17	08	64	14.0	TB	0007	36	57.3	76	25.2	15	1			*		10.0			R	23.02		*	U	0.46	14.2
17	08	64	14.0	TB	0007	36	57.3	76	25.2	15	1			*		11.0			R	23.03	P	28	U	*	14.3
17	08	64	14.0	TB	0007	36	57.3	76	25.2	15	1			*		12.0						*	U	0.23	14.3
17	08	64	14.5	TB	0007	36	57.3	76	25.2	15	1			*		00.0	T	24.40	R	21.87		*		*	14.5
17	08	64	14.5	TB	0007	36	57.3	76	25.2	15	1			*		04.0	T	24.20	R	22.27		*		*	14.5
17	08	64	14.5	TB	0007	36	57.3	76	25.2	15	1			*		08.0	T	24.20	R	22.40		*		*	14.5
17	08	64	14.5	TB	0007	36	57.3	76	25.2	15	1			*		10.0	T	24.10	R	23.14		*		*	14.5
17	08	64	14.5	TB	0007	36	57.3	76	25.2	15	1			*		12.0			R	23.15		*		*	14.5
17	08	64	15.5	TB	0007	36	57.3	76	25.2	15	2			*	1.1	00.0	T	24.30	R	22.54	P	34	U	0.75	15.7
17	08	64	15.5	TB	0007	36	57.3	76	25.2	15	2			*	1.1	04.0	T	24.20	R	22.60	P	32	U	0.50	15.7
17	08	64	15.5	TB	0007	36	57.3	76	25.2	15	2			*	1.1	08.0	T	24.10	R	22.71		*	U	0.45	15.8
17	08	64	15.5	TB	0007	36	57.3	76	25.2	15	2			*	1.1	10.0	T	24.10	R	22.71		*	U	0.42	15.8
17	08	64	15.5	TB	0007	36	57.3	76	25.2	15	2			*	1.1	12.0	T	24.10	R	22.76	P	31	U	0.30	15.8
17	08	64	16.0	TB	0007	36	57.3	76	25.2	15	2			*	1.1	00.0			R	22.18		*	U	0.46	16.1
17	08	64	16.0	TB	0007	36	57.3	76	25.2	15	2			*	1.1	04.0			R	22.59	P	31	U	0.60	16.1
17	08	64	16.0	TB	0007	36	57.3	76	25.2	15	2			*	1.1	08.0			R	22.72		*	U	0.50	16.1
17	08	64	16.0	TB	0007	36	57.3	76	25.2	15	2			*	1.1	10.0			R	22.72		*	U	0.45	16.2
17	08	64	16.0	TB	0007	36	57.3	76	25.2	15	2			*	1.1	12.0			R	22.72	P	31	U	0.42	16.2

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
17	08	64	16.5	TB	0007	36	57.3	76	25.2	15		2			*			00.0	T	24.40	R	21.82		*	U	0.48	16.6	
17	08	64	16.5	TB	0007	36	57.3	76	25.2	15		2			*			04.0	T	24.15	R	22.61	P	31	U	0.50	16.6	
17	08	64	16.5	TB	0007	36	57.3	76	25.2	15		2			*			08.0	T	24.10	R	22.75		*	U	0.49	16.6	
17	08	64	16.5	TB	0007	36	57.3	76	25.2	15		2			*			10.0	T	24.10	R	22.76		*	U	0.50	16.7	
17	08	64	16.5	TB	0007	36	57.3	76	25.2	15		2			*			12.0	T	24.10	R	22.77	P	29	U	0.35	16.7	
17	08	64	17.0	TB	0007	36	57.3	76	25.2	15		2			*	0.9		00.0			R	22.14		*	U	0.49	17.1	
17	08	64	17.0	TB	0007	36	57.3	76	25.2	15		2			*	0.9		04.0			R	22.46	D	29	U	0.51	17.1	
17	08	64	17.0	TB	0007	36	57.3	76	25.2	15		2			*	0.9		08.0			R	22.70		*	U	0.50	17.1	
17	08	64	17.0	TB	0007	36	57.3	76	25.2	15		2			*	0.9		10.0			R	22.79		*	U	0.41	17.1	
17	08	64	17.0	TB	0007	36	57.3	76	25.2	15		2			*	0.9		12.0			R	22.81	D	32	U	0.31	17.1	
17	08	64	17.5	TB	0007	36	57.3	76	25.2	15		3			*			00.0	T	24.30	R	22.11		*	U	0.56	17.6	
17	08	64	17.5	TB	0007	36	57.3	76	25.2	15		3			*			04.0	T	24.30	R	22.40	P	35	U	0.50	17.6	
17	08	64	17.5	TB	0007	36	57.3	76	25.2	15		3			*			08.0	T	24.20	R	22.63		*	U	0.28	17.6	
17	08	64	17.5	TB	0007	36	57.3	76	25.2	15		3			*			10.0	T	24.10	R	22.83		*	U	0.37	17.7	
17	08	64	17.5	TB	0007	36	57.3	76	25.2	15		3			*			12.0	T	24.10	R	22.88	P	32	U	0.22	17.7	
17	08	64	18.0	TB	0007	36	57.3	76	25.2	15		3			*			00.0			R	21.99		*	U	0.49	18.1	
17	08	64	18.0	TB	0007	36	57.3	76	25.2	15		3			*			04.0			R	22.24	P	34	U	0.32	18.1	
17	08	64	18.0	TB	0007	36	57.3	76	25.2	15		3			*			08.0			R	22.36		*	U	0.20	18.1	
17	08	64	18.0	TB	0007	36	57.3	76	25.2	15		3			*			10.0			R	22.45		*	U	0.15	18.2	
17	08	64	18.0	TB	0007	36	57.3	76	25.2	15		3			*			12.0			R	22.65	P	35	U	0.10	18.2	
17	08	64	18.5	TB	0007	36	57.3	76	25.2	15		3			*			00.0	T	24.10	R	21.92		*	U	0.16	18.5	
17	08	64	18.5	TB	0007	36	57.3	76	25.2	15		3			*			04.0			R	22.24	P	02	U	0.05	18.5	
17	08	64	18.5	TB	0007	36	57.3	76	25.2	15		3			*			08.0	T	24.20	R	22.48		*	U	0.01	18.5	
17	08	64	18.5	TB	0007	36	57.3	76	25.2	15		3			*			10.0	T	24.10	R	22.86		*	U	0.01	18.5	
17	08	64	18.5	TB	0007	36	57.3	76	25.2	15		3			*			12.0	T	23.30	R	23.21	P	04	U	0.01	18.5	
17	08	64	19.0	TB	0007	36	57.3	76	25.2	15		4			*			00.0			R	21.96		*	U	0.00	19.1	
17	08	64	19.0	TB	0007	36	57.3	76	25.2	15		4			*			04.0			R	22.05	D	04	U	0.00	19.1	
17	08	64	19.0	TB	0007	36	57.3	76	25.2	15		4			*			08.0			R	22.32		*	U	0.00	19.1	
17	08	64	19.0	TB	0007	36	57.3	76	25.2	15		4			*			10.0			R	22.51		*	U	0.00	19.2	
17	08	64	19.0	TB	0007	36	57.3	76	25.2	15		4			*			12.0			R	23.47	P	00	U	0.00	19.2	
17	08	64	19.5	TB	0007	36	57.3	76	25.2	15		4			*			00.0	T	24.20	R	22.04		*	U	0.00	19.6	
17	08	64	19.5	TB	0007	36	57.3	76	25.2	15		4			*			04.0	T	24.20	R	23.17	P	00	U	0.12	19.6	
17	08	64	19.5	TB	0007	36	57.3	76	25.2	15		4			*			08.0	T	24.10	R	23.20		*	U	0.01	19.7	
17	08	64	19.5	TB	0007	36	57.3	76	25.2	15		4			*			10.0	T	24.00	R	22.66		*	U	0.00	19.7	
17	08	64	19.5	TB	0007	36	57.3	76	25.2	15		4			*			12.0	T	23.90	R	22.00	P	00	U	0.01	19.7	
17	08	64	20.0	TB	0007	36	57.3	76	25.2	15		4			*			00.0			R	21.70		*	U	0.00	20.1	
17	08	64	20.0	TB	0007	36	57.3	76	25.2	15		4			*			04.0			R	21.82	D	00	U	0.15	20.1	
17	08	64	20.0	TB	0007	36	57.3	76	25.2	15		4			*			08.0			R	22.03		*	U	0.17	20.1	
17	08	64	20.0	TB	0007	36	57.3	76	25.2	15		4			*			10.0			R	22.50		*	U	0.11	20.2	
17	08	64	20.0	TB	0007	36	57.3	76	25.2	15		4			*			12.0			R	23.18	P	14	U	0.00	20.2	
17	08	64	20.5	TB	0007	36	57.3	76	25.2	15		4			*			00.0	T	24.20	R	21.14		*	U	0.00	20.6	
17	08	64	20.5	TB	0007	36	57.3	76	25.2	15		4			*			04.0	T	24.60	R	21.82	P	14	U	0.34	20.6	
17	08	64	20.5	TB	0007	36	57.3	76	25.2	15		4			*			08.0	T	24.20	R	21.93		*	U	0.28	20.6	
17	08	64	20.5	TB	0007	36	57.3	76	25.2	15		4			*			10.0	T	24.10	R	22.58		*	U	0.20	20.7	
17	08	64	20.5	TB	0007	36	57.3	76	25.2	15		4			*			12.0	T	23.90	R	23.15	P	15	U	0.08	20.7	
17	08	64	21.0	TB	0007	36	57.3	76	25.2	15		5			*			00.0			R	20.44	P	12	U	0.56	21.0	
17	08	64	21.0	TB	0007	36	57.3	76	25.2	15		5			*			04.0			R	21.87		*	U	0.35	21.1	
17	08	64	21.0	TB	0007	36	57.3	76	25.2	15		5			*			08.0			R	22.57		*	U	0.35	21.1	
17	08	64	21.0	TB	0007	36	57.3	76	25.2	15		5			*			10.0			R	22.69		*	U	0.30	21.2	
17	08	64	21.0	TB	0007	36	57.3	76	25.2	15		5			*			12.0			R	23.19		*	U	0.20	21.2	
17	08	64	21.5	TB	0007	36	57.3	76	25.2	15		5			*			00.0	T	23.80	R	20.06	P	11	U	1.32	21.5	
17	08	64	21.5	TB	0007	36	57.3	76	25.2	15		5			*			04.0	T	24.30	R	21.78		*	U	0.45	21.5	
17	08	64	21.5	TB	0007	36	57.3	76	25.2	15		5			*			08.0	T	24.20	R	22.37		*	U	0.50	21.5	
17	08	64	21.5	TB	0007	36	57.3	76	25.2	15		5			*			10.0	T	24.00	R	22.90		*	U	0.40	21.5	
17	08	64	21.5	TB	0007	36	57.3	76	25.2	15		5			*			12.0	T	24.00	R	23.08		*	U	0.31	21.5	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
17	08	64	22.0	TB	0007	36	57.3	76	25.2	15		6			*			00.0			R	19.82		*	U	0.75	22.0		
17	08	64	22.0	TB	0007	36	57.3	76	25.2	15		6			*			04.0			R	21.99		*	U	0.60	22.0		
17	08	64	22.0	TB	0007	36	57.3	76	25.2	15		6			*			08.0			R	22.52		*	U	0.50	22.0		
17	08	64	22.0	TB	0007	36	57.3	76	25.2	15		6			*			10.0			R	22.66		*	U	0.30	22.0		
17	08	64	22.0	TB	0007	36	57.3	76	25.2	15		6			*			12.0			R	19.58		*		*	22.0		
17	08	64	23.0	TB	0007	36	57.3	76	25.2	15		6			*			00.0			R	19.58	P	11	U	0.74	23.0		
17	08	64	23.0	TB	0007	36	57.3	76	25.2	15		6			*			04.0			R	22.07		*	U	0.75	23.0		
17	08	64	23.0	TB	0007	36	57.3	76	25.2	15		6			*			08.0			R	22.17		*	U	0.41	23.0		
17	08	64	23.0	TB	0007	36	57.3	76	25.2	15		6			*			10.0			R	22.21		*	V	0.25	23.0		
17	08	64	23.0	TB	0007	36	57.3	76	25.2	15		6			*			12.0						*	V	0.25	23.0		
17	08	64	23.5	TB	0007	36	57.3	76	25.2	15		6			*			00.0			R	20.33	P	09	U	0.82	23.5		
17	08	64	23.5	TB	0007	36	57.3	76	25.2	15		6			*			04.0			R	21.90		*	V	0.45	23.5		
17	08	64	23.5	TB	0007	36	57.3	76	25.2	15		6			*			08.0			R	21.95		*	V	0.40	23.5		
17	08	64	23.5	TB	0007	36	57.3	76	25.2	15		6			*			10.0			R	22.06		*	V	0.25	23.5		
17	08	64	23.5	TB	0007	36	57.3	76	25.2	15		6			*			12.0			R	22.09		*	V	0.15	23.5		
18	08	64	00.0	TB	0007	36	57.3	76	25.2			*			*			00.0			R	20.37	P	10	V	0.66	00.0		
18	08	64	00.0	TB	0007	36	57.3	76	25.2			*			*			04.0			R	21.69		*	V	0.27	00.0		
18	08	64	00.0	TB	0007	36	57.3	76	25.2			*			*			08.0			R	21.84		*	V	0.13	00.0		
18	08	64	00.0	TB	0007	36	57.3	76	25.2			*			*			10.0			R	21.88		*	V	0.03	00.0		
18	08	64	00.0	TB	0007	36	57.3	76	25.2			*			*			11.0			R	21.88		*	V	0.01	00.0		
18	08	64	00.5	TB	0007	36	57.3	76	25.2			7			*			00.0					P	12	U	0.59	00.5		
18	08	64	00.5	TB	0007	36	57.3	76	25.2			7			*			02.0			R	19.89		*	V	0.20	00.5		
18	08	64	00.5	TB	0007	36	57.3	76	25.2			7			*			04.0			R	21.57		*	V	0.10	00.5		
18	08	64	00.5	TB	0007	36	57.3	76	25.2			7			*			08.0			R	21.75		*	V	0.05	00.5		
18	08	64	00.5	TB	0007	36	57.3	76	25.2			7			*			10.0			R	22.04		*	V	0.00	00.5		
18	08	64	01.0	TB	0007	36	57.3	76	25.2			7			*			00.0			R	20.19	P	11	U	0.48	01.0		
18	08	64	01.0	TB	0007	36	57.3	76	25.2			7			*			04.0			R	21.64		*	V	0.00	01.0		
18	08	64	01.0	TB	0007	36	57.3	76	25.2			7			*			08.0			R	21.59		*	V	0.00	01.0		
18	08	64	01.0	TB	0007	36	57.3	76	25.2			7			*			10.0			R	21.77		*	V	0.00	01.0		
18	08	64	01.0	TB	0007	36	57.3	76	25.2			7			*			11.0			R	21.88		*	V	0.00	01.0		
18	08	64	01.5	TB	0007	36	57.3	76	25.2			7			*			00.0			R	20.29		*	U	0.33	01.5		
18	08	64	01.5	TB	0007	36	57.3	76	25.2			7			*			04.0			R	21.47		*	V	0.00	01.5		
18	08	64	01.5	TB	0007	36	57.3	76	25.2			7			*			08.0			R	21.69		*	V	0.00	01.5		
18	08	64	01.5	TB	0007	36	57.3	76	25.2			7			*			10.0			R	22.33		*	V	0.00	01.5		
18	08	64	02.0	TB	0007	36	57.3	76	25.2			8			*			00.0			R	20.13	P	11	V	0.20	02.3		
18	08	64	02.0	TB	0007	36	57.3	76	25.2			8			*			04.0			R	21.53	P	00	V	0.00	02.3		
18	08	64	02.0	TB	0007	36	57.3	76	25.2			8			*			08.0			R	22.00	P	29	V	0.15	02.3		
18	08	64	02.0	TB	0007	36	57.3	76	25.2			8			*			10.0					P	29	V	0.25	02.3		
18	08	64	02.0	TB	0007	36	57.3	76	25.2			8			*			12.0					P	29	V	0.10	02.3		
17	08	64	10.0	HO	0007	37	00.5	76	28.8	10		*			*	1.0		00.0	T	24.10	R	18.47	P	15	D	0.34	10.1		
17	08	64	10.0	HO	0007	37	00.5	76	28.8	10		*			*	1.0		04.0	T	24.09	R	19.29	P	15	X	0.45	10.2		
17	08	64	10.0	HO	0007	37	00.5	76	28.8	10		*			*	1.0		06.0	T	24.57	R	20.32	P	15	X	0.35	10.4		
17	08	64	10.0	HO	0007	37	00.5	76	28.8	10		*			*	1.0		08.0	T	24.71	R	20.68	P	15	X	0.37	10.6		
17	08	64	10.0	HO	0007	37	00.5	76	28.8	10		*			*	1.0		10.0	T	24.19	R	20.73	P	15	X	0.15	10.8		
17	08	64	11.0	HO	0007	37	00.5	76	28.8	10		*			*	0.9		00.0	T	24.10	R	18.42	P	14	D	0.25	11.0		
17	08	64	11.0	HO	0007	37	00.5	76	28.8	10		*			*	0.9		04.0	T	24.26	R	19.71	P	14	X	0.37	11.1		
17	08	64	11.0	HO	0007	37	00.5	76	28.8	10		*			*	0.9		06.0	T	24.31	R	20.32	P	14	X	0.38	11.2		
17	08	64	11.0	HO	0007	37	00.5	76	28.8	10		*			*	0.9		08.0	T	24.69	R	20.59	P	14	X	0.17	11.3		
17	08	64	11.0	HO	0007	37	00.5	76	28.8	10		*			*	0.9		10.0	T	24.62	R	20.64	P	14	X	0.10	11.4		
17	08	64	11.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.20	R	18.41	P	14	D	0.21	11.5		
17	08	64	11.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0	T	24.15	R	20.31	P	14	X	0.20	11.6		
17	08	64	11.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0	T	24.27	R	20.36	P	14	X	0.17	11.6		
17	08	64	11.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0	T	24.34	R	20.52	P	14	X	0.11	11.7		
17	08	64	11.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0	T	24.33	R	20.58	P	14	X	0.09	11.8		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
17	08	64	12.0	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.25	R	18.16	P	13	D	0.12	12.0		
17	08	64	12.0	HO	0007	37	00.5	76	28.8	10		*			*			04.0	T	24.36	R	19.41	P	13	X	0.07	12.1		
17	08	64	12.0	HO	0007	37	00.5	76	28.8	10		*			*			06.0	T	24.37	R	20.25	P	13	X	0.07	12.2		
17	08	64	12.0	HO	0007	37	00.5	76	28.8	10		*			*			08.0	T	24.35	R	20.45	P	13	X	0.07	12.2		
17	08	64	12.0	HO	0007	37	00.5	76	28.8	10		*			*			10.0	T	24.32	R	20.51	P	13	X	0.05	12.3		
17	08	64	12.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.36	R	18.15		*	D	0.00	12.5		
17	08	64	12.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0	T	24.33	R	20.23		*	X	0.05	12.6		
17	08	64	12.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0	T	24.50	R	20.22		*	X	0.04	12.6		
17	08	64	12.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0	T	24.44	R	20.48		*	X	0.08	12.6		
17	08	64	12.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0	T	24.36	R	20.54		*	X	0.08	12.6		
17	08	64	13.0	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.52	R	17.65		*	D	0.00	13.1		
17	08	64	13.0	HO	0007	37	00.5	76	28.8	10		*			*			04.0	T	24.10	R	18.87		*	X	0.06	13.1		
17	08	64	13.0	HO	0007	37	00.5	76	28.8	10		*			*			06.0	T	24.67	R	20.22		*	X	0.10	13.1		
17	08	64	13.0	HO	0007	37	00.5	76	28.8	10		*			*			08.0	T	24.65	R	20.49		*	X	0.16	13.1		
17	08	64	13.0	HO	0007	37	00.5	76	28.8	10		*			*			10.0	T	24.45	R	20.70		*	X	0.15	13.1		
17	08	64	13.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0			R	17.54	P	32	D	0.10	13.6		
17	08	64	13.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0			R	18.83	P	31	X	0.11	13.6		
17	08	64	13.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0			R	20.35	P	30	X	0.25	13.6		
17	08	64	13.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0			R	20.58	P	30	X	0.26	13.6		
17	08	64	13.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0			R	20.81	P	30	X	0.22	13.6		
17	08	64	14.0	HO	0007	37	00.5	76	28.8	1		*			*	1.8		00.0	T	25.25	R	17.66	P	33	D	0.14	14.1		
17	08	64	14.0	HO	0007	37	00.5	76	28.8	10		*			*	1.8		04.0	T	24.25	R	19.85	P	31	X	0.30	14.1		
17	08	64	14.0	HO	0007	37	00.5	76	28.8	10		*			*	1.8		06.0	T	24.53	R	20.47	P	31	X	0.45	14.1		
17	08	64	14.0	HO	0007	37	00.5	76	28.8	10		*			*	1.8		08.0	T	24.28	R	20.85	P	30	X	0.35	14.1		
17	08	64	14.0	HO	0007	37	00.5	76	28.8	10		*			*	1.8		10.0	T	24.71	R	20.91	P	30	X	0.15	14.1		
17	08	64	14.5	HO	0007	37	00.5	76	28.8	10		*			*	1.8		00.0	T	25.40	R	17.44	P	33	D	0.28	14.5		
17	08	64	14.5	HO	0007	37	00.5	76	28.8	10		*			*	1.8		04.0			R	18.63	P	32	X	0.46	14.5		
17	08	64	14.5	HO	0007	37	00.5	76	28.8	10		*			*	1.8		06.0			R	20.48	P	31	X	0.42	14.5		
17	08	64	14.5	HO	0007	37	00.5	76	28.8	10		*			*	1.8		08.0			R	20.87	P	30	X	0.37	14.5		
17	08	64	14.5	HO	0007	37	00.5	76	28.8	10		*			*	1.8		10.0			R	20.92	P	29	X	0.26	14.5		
17	08	64	15.0	HO	0007	37	00.5	76	28.8	10		*			*	1.5		00.0	T	24.90	R	17.50	P	33	D	0.36	15.1		
17	08	64	15.0	HO	0007	37	00.5	76	28.8	10		*			*	1.5		04.0	T	24.72	R	19.58	P	32	X	0.43	15.1		
17	08	64	15.0	HO	0007	37	00.5	76	28.8	10		*			*	1.5		06.0	T	24.50	R	20.85	P	31	X	0.46	15.1		
17	08	64	15.0	HO	0007	37	00.5	76	28.8	10		*			*	1.5		08.0	T	24.56	R	20.97	P	30	X	0.37	15.1		
17	08	64	15.0	HO	0007	37	00.5	76	28.8	10		*			*	1.5		10.0	T	24.56	R	21.04	P	30	X	0.31	15.1		
17	08	64	15.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0			R	17.44	P	32	D	0.46	15.6		
17	08	64	15.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0			R	20.59	P	31	X	0.48	15.6		
17	08	64	15.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0			R	20.95	P	30	X	0.42	15.6		
17	08	64	15.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0			R	21.02	P	30	X	0.30	15.6		
17	08	64	15.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0			R	21.05	P	30	X	0.30	15.6		
17	08	64	16.0	HO	0007	37	00.5	76	28.8	10		*			*	1.5		00.0	T	25.10	R	17.23	P	32	D	0.49	16.1		
17	08	64	16.0	HO	0007	37	00.5	76	28.8	10		*			*	1.5		04.0	T	24.33	R	20.66	P	31	X	0.50	16.1		
17	08	64	16.0	HO	0007	37	00.5	76	28.8	10		*			*	1.5		06.0	T	24.35	R	21.14	P	30	X	0.45	16.1		
17	08	64	16.0	HO	0007	37	00.5	76	28.8	10		*			*	1.5		08.0	T	24.47	R	21.24	P	30	X	0.35	16.1		
17	08	64	16.0	HO	0007	37	00.5	76	28.8	10		*			*	1.5		10.0	T	24.47	R	21.28	P	30	X	0.26	16.1		
17	08	64	16.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0			R	17.48	P	31	D	0.49	16.6		
17	08	64	16.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0			R	21.03	P	31	X	0.50	16.6		
17	08	64	16.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0			R	21.26	P	30	X	0.50	16.6		
17	08	64	16.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0			R	21.36	P	29	X	0.50	16.6		
17	08	64	16.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0			R	21.45	P	29	X	0.40	16.6		
17	08	64	17.0	HO	0007	37	00.5	76	28.8	10		*			*			00.0			R	18.33		*		*	*		
17	08	64	17.0	HO	0007	37	00.5	76	28.8	10		*			*			02.0			R	21.17		*		*	*		
17	08	64	17.0	HO	0007	37	00.5	76	28.8	10		*			*			04.0			R	21.54		*	X	0.43	17.4		
17	08	64	17.0	HO	0007	37	00.5	76	28.8	10		*			*			06.0			R	21.48		*		*	*		
17	08	64	17.0	HO	0007	37	00.5	76	28.8	10		*			*			10.0			R	21.58		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
17	08	64	17.6	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.62	R	20.26	P	31	D	0.27	17.9	
17	08	64	17.6	HO	0007	37	00.5	76	28.8	10		*			*			04.0	T	24.15	R	21.55		*	X	0.40	17.8	
17	08	64	17.6	HO	0007	37	00.5	76	28.8	10		*			*			06.0	T	24.13	R	21.57		*	X	0.38	17.8	
17	08	64	17.6	HO	0007	37	00.5	76	28.8	10		*			*			08.0	T	24.12	R	21.65	F	27	X	0.35	17.8	
17	08	64	17.6	HO	0007	37	00.5	76	28.8	10		*			*			10.0	T	24.11	R	21.65		*	X	0.33	17.9	
17	08	64	18.0	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.40	R	20.32	P	32	D	0.53	18.2	
17	08	64	18.0	HO	0007	37	00.5	76	28.8	10		*			*			04.0	T	24.17	R	21.48		*	X	0.42	18.2	
17	08	64	18.0	HO	0007	37	00.5	76	28.8	10		*			*			06.0	T	24.15	R	21.67	P	28	X	0.38	18.2	
17	08	64	18.0	HO	0007	37	00.5	76	28.8	10		*			*			08.0	T	24.15	R	21.70		*	X	0.33	18.1	
17	08	64	18.0	HO	0007	37	00.5	76	28.8	10		*			*			10.0	T	24.15	R	21.72		*	X	0.23	18.1	
17	08	64	18.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.40	R	20.26	P	33	D	0.35	18.7	
17	08	64	18.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0	T	24.25	R	21.60		*	X	0.33	18.6	
17	08	64	18.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0	T	24.19	R	21.75	P	32	X	0.24	18.6	
17	08	64	18.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0	T	24.19	R	21.77		*	X	0.20	18.7	
17	08	64	18.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0	T	24.19	R	21.78		*	X	0.14	18.7	
17	08	64	19.0	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.20	R	20.58	P	35	D	0.21	19.2	
17	08	64	19.0	HO	0007	37	00.5	76	28.8	10		*			*			04.0	T	24.29	R	21.77		*	X	0.22	19.1	
17	08	64	19.0	HO	0007	37	00.5	76	28.8	10		*			*			06.0	T	24.28	R	21.88	P	28	X	0.18	19.1	
17	08	64	19.0	HO	0007	37	00.5	76	28.8	10		*			*			08.0	T	24.28	R	21.90		*	X	0.23	19.1	
17	08	64	19.0	HO	0007	37	00.5	76	28.8	10		*			*			10.0	T	24.28	R	21.92		*	X	0.15	19.1	
17	08	64	19.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	23.90	R	19.85	P	07	D	0.07	19.8	
17	08	64	19.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0	T	24.37	R	21.79		*	X	0.05	19.7	
17	08	64	19.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0	T	24.33	R	21.98	P	26	X	0.08	19.7	
17	08	64	19.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0	T	24.34	R	22.00		*	X	0.11	19.7	
17	08	64	19.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0	T	24.31	R	21.99		*	X	0.04	19.8	
17	08	64	20.0	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	23.80	R	19.82	P	12	D	0.11	20.3	
17	08	64	20.0	HO	0007	37	00.5	76	28.8	10		*			*			04.0	T	24.42	R	21.40		*	X	0.08	20.2	
17	08	64	20.0	HO	0007	37	00.5	76	28.8	10		*			*			06.0	T	24.38	R	21.89	P	25	X	0.06	20.2	
17	08	64	20.0	HO	0007	37	00.5	76	28.8	10		*			*			08.0	T	24.33	R	21.73		*	X	0.06	20.2	
17	08	64	20.0	HO	0007	37	00.5	76	28.8	10		*			*			10.0	T	24.31	R	21.99		*	X	0.03	20.2	
17	08	64	20.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	23.70	R	19.55	P	14	D	0.27	20.7	
17	08	64	20.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0	T	24.48	R	20.16		*	X	0.11	20.6	
17	08	64	20.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0	T	24.37			P	25	X	0.36	20.6	
17	08	64	20.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0	T	24.38				*	X	0.08	20.6	
17	08	64	20.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0	T	24.28				*	X	0.07	20.7	
17	08	64	21.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.05			P	15	D	0.49	21.5	
17	08	64	21.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0					P	15	X	0.37	21.5	
17	08	64	21.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0					P	15	X	0.25	21.5	
17	08	64	21.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0					P	15	X	0.30	21.5	
17	08	64	21.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0					P	15	X	0.20	21.5	
17	08	64	22.0	HO	0007	37	00.5	76	28.8	10		*			*			00.0					P	15	D	0.43	22.2	
17	08	64	22.0	HO	0007	37	00.5	76	28.8	10		*			*			04.0					P	16	X	0.49	22.2	
17	08	64	22.0	HO	0007	37	00.5	76	28.8	10		*			*			06.0					P	16	X	0.45	22.3	
17	08	64	22.0	HO	0007	37	00.5	76	28.8	10		*			*			08.0					P	16	X	0.35	22.3	
17	08	64	22.0	HO	0007	37	00.5	76	28.8	10		*			*			10.0					P	16	X	0.25	22.4	
17	08	64	22.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.10	R	18.80	P	16	D	0.53	22.6	
17	08	64	22.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0					P	16	X	0.50	22.7	
17	08	64	22.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0					P	16	X	0.42	22.7	
17	08	64	22.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0					P	16	X	0.30	22.8	
17	08	64	22.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0					P	16	X	0.10	22.8	
17	08	64	23.0	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.13			P	25	D	0.49	23.1	
17	08	64	23.0	HO	0007	37	00.5	76	28.8	10		*			*			04.0					P	15	X	0.50	23.2	
17	08	64	23.0	HO	0007	37	00.5	76	28.8	10		*			*			06.0					P	15	X	0.49	23.2	
17	08	64	23.0	HO	0007	37	00.5	76	28.8	10		*			*			08.0					P	15	X	0.40	23.3	
17	08	64	23.0	HO	0007	37	00.5	76	28.8	10		*			*			10.0					P	15	X	0.25	23.3	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
17	08	64	23.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.10	R	18.80	P	15	D	0.41	23.5		
17	08	64	23.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0					P	15	X	0.51	23.5		
17	08	64	23.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0					P	15	X	0.49	23.5		
17	08	64	23.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0					P	15	X	0.35	23.5		
17	08	64	23.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0					P	15	X	0.25	23.6		
18	08	64	00.0	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.10	R	18.67	P	14	D	0.35	00.1		
18	08	64	00.0	HO	0007	37	00.5	76	28.8	10		*			*			04.0					P	14	X	0.52	00.1		
18	08	64	00.0	HO	0007	37	00.5	76	28.8	10		*			*			06.0					P	14	X	0.40	00.2		
18	08	64	00.0	HO	0007	37	00.5	76	28.8	10		*			*			08.0					P	14	X	0.27	00.2		
18	08	64	00.0	HO	0007	37	00.5	76	28.8	10		*			*			10.0					P	14	X	0.10	00.3		
18	08	64	00.5	HO	0007	37	00.5	76	28.8	10		*	22	25	01			00.0	T	24.10	R	18.58	P	14	D	0.28	00.6		
18	08	64	00.5	HO	0007	37	00.5	76	28.8	10		*	22	25	01			04.0					P	14	X	0.35	00.6		
18	08	64	00.5	HO	0007	37	00.5	76	28.8	10		*	22	25	01			06.0					P	14	X	0.40	00.7		
18	08	64	00.5	HO	0007	37	00.5	76	28.8	10		*	22	25	01			08.0					P	14	X	0.24	00.7		
18	08	64	00.5	HO	0007	37	00.5	76	28.8	10		*	22	25	01			10.0					P	14	X	0.07	00.8		
18	08	64	01.0	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.05	R	18.38	P	12	D	0.25	01.1		
18	08	64	01.0	HO	0007	37	00.5	76	28.8	10		*			*			04.0					P	12	X	0.37	01.1		
18	08	64	01.0	HO	0007	37	00.5	76	28.8	10		*			*			06.0					P	14	X	0.22	01.2		
18	08	64	01.0	HO	0007	37	00.5	76	28.8	10		*			*			08.0					P	14	X	0.04	01.2		
18	08	64	01.0	HO	0007	37	00.5	76	28.8	10		*			*			10.0					P	14	X	0.02	01.3		
18	08	64	01.5	HO	0007	37	00.5	76	28.8	10		*			*			00.0	T	24.00	R	18.25		*	D	0.17	01.6		
18	08	64	01.5	HO	0007	37	00.5	76	28.8	10		*			*			04.0						*	X	0.15	01.6		
18	08	64	01.5	HO	0007	37	00.5	76	28.8	10		*			*			06.0						*	X	0.05	01.7		
18	08	64	01.5	HO	0007	37	00.5	76	28.8	10		*			*			08.0						*	X	0.02	01.7		
18	08	64	01.5	HO	0007	37	00.5	76	28.8	10		*			*			10.0						*	X	0.01	01.8		
17	08	64	12.5	IN	0007	37	05.2	76	36.7	6		7			*			00.0						*	S	0.26	12.7		
17	08	64	12.5	IN	0007	37	05.2	76	36.7	6		7			*			02.0						*	S	0.14	12.7		
17	08	64	12.5	IN	0007	37	05.2	76	36.7	6		7			*			04.0						*	S	0.01	12.7		
17	08	64	12.5	IN	0007	37	05.2	76	36.7	6		7			*			06.0						*	S	0.00	12.8		
17	08	64	13.0	IN	0007	37	05.2	76	36.7	6		7			*			00.0			R	11.16		*	S	0.25	13.2		
17	08	64	13.0	IN	0007	37	05.2	76	36.7	6		7			*			00.0					E	35	D	0.15	13.4		
17	08	64	13.0	IN	0007	37	05.2	76	36.7	6		7			*			02.0			R	11.47		*	S	0.20	13.2		
17	08	64	13.0	IN	0007	37	05.2	76	36.7	6		7			*			04.0			R	12.38		*	S	0.08	13.2		
17	08	64	13.0	IN	0007	37	05.2	76	36.7	6		7			*			06.0			R	14.81		*	S	0.00	13.3		
17	08	64	13.5	IN	0007	37	05.2	76	36.7	6		1			*	1.5		00.0			R	10.39		*	S	0.27	13.6		
17	08	64	13.5	IN	0007	37	05.2	76	36.7	6		1			*	1.5		00.0					E	36	D	0.14	13.8		
17	08	64	13.5	IN	0007	37	05.2	76	36.7	6		1			*	1.5		02.0			R	11.18		*	S	0.00	13.6		
17	08	64	13.5	IN	0007	37	05.2	76	36.7	6		1			*	1.5		04.0			R	13.26		*	S	0.00	13.6		
17	08	64	13.5	IN	0007	37	05.2	76	36.7	6		1			*	1.5		06.0			R	13.32		*	S	0.10	13.6		
17	08	64	14.0	IN	0007	37	05.2	76	36.7	6		8			*	1.4		00.0			R	10.43		*	S	0.03	14.1		
17	08	64	14.0	IN	0007	37	05.2	76	36.7	6		8			*	1.4		00.0					F	04		*	14.3		
17	08	64	14.0	IN	0007	37	05.2	76	36.7	6		8			*	1.4		02.0			R	11.03		*	S	0.02	14.1		
17	08	64	14.0	IN	0007	37	05.2	76	36.7	6		8			*	1.4		04.0			R	12.83		*	S	0.04	14.1		
17	08	64	14.0	IN	0007	37	05.2	76	36.7	6		8			*	1.4		06.0			R	15.33		*	S	0.13	14.1		
17	08	64	14.5	IN	0007	37	05.2	76	36.7	6		8			*	1.3		00.0			R	10.45		*	S	0.01	14.6		
17	08	64	14.5	IN	0007	37	05.2	76	36.7	6		8			*	1.3		00.0					E	10		*	14.8		
17	08	64	14.5	IN	0007	37	05.2	76	36.7	6		8			*	1.3		02.0			R	11.44		*	S	0.15	14.6		
17	08	64	14.5	IN	0007	37	05.2	76	36.7	6		8			*	1.3		04.0			R	13.02		*	S	0.00	14.6		
17	08	64	14.5	IN	0007	37	05.2	76	36.7	6		8			*	1.3		06.0			R	14.91		*	S	0.14	14.6		
17	08	64	15.0	IN	0007	37	05.2	76	36.7	6		1			*	1.3		00.0			R	10.94		*	S	0.05	15.1		
17	08	64	15.0	IN	0007	37	05.2	76	36.7	6		1			*	1.3		00.0					D	13	D	0.18	15.3		
17	08	64	15.0	IN	0007	37	05.2	76	36.7	6		1			*	1.3		02.0			R	11.76	F	18	S	0.21	15.1		
17	08	64	15.0	IN	0007	37	05.2	76	36.7	6		1			*	1.3		04.0			R	13.86	F	18	S	0.10	15.1		
17	08	64	15.0	IN	0007	37	05.2	76	36.7	6		1			*	1.3		06.0			R	14.99		*	S	0.09	15.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
17	08	64	15.5	IN	0007	37	05.2	76	36.7	6		1			*	1.5		00.0			R	11.18	F	16	S	0.20	15.6	
17	08	64	15.5	IN	0007	37	05.2	76	36.7	6		1			*	1.5		00.0						*		*	15.7	
17	08	64	15.5	IN	0007	37	05.2	76	36.7	6		1			*	1.5		02.0			R	12.50	F	16	S	0.35	15.6	
17	08	64	15.5	IN	0007	37	05.2	76	36.7	6		1			*	1.5		04.0			R	13.87	F	16	S	0.23	15.6	
17	08	64	15.5	IN	0007	37	05.2	76	36.7	6		1			*	1.5		06.0			R	14.82		*	S	0.00	15.6	
17	08	64	16.0	IN	0007	37	05.2	76	36.7	6		2			*	1.5		00.0			R	11.24	F	16	S	0.31	16.1	
17	08	64	16.0	IN	0007	37	05.2	76	36.7	6		2			*	1.5		00.0					E	14	D	0.24	16.3	
17	08	64	16.0	IN	0007	37	05.2	76	36.7	6		2			*	1.5		02.0			R	12.27	F	16	S	0.40	16.1	
17	08	64	16.0	IN	0007	37	05.2	76	36.7	6		2			*	1.5		04.0			R	14.31	F	16	S	0.18	16.1	
17	08	64	16.0	IN	0007	37	05.2	76	36.7	6		2			*	1.5		06.0			R	14.81		*	S	0.22	16.1	
17	08	64	16.5	IN	0007	37	05.2	76	36.7	6		2			*	1.4		00.0			R	11.58		*	S	0.33	16.6	
17	08	64	16.5	IN	0007	37	05.2	76	36.7	6		2			*	1.4		00.0					E	13	D	0.36	16.8	
17	08	64	16.5	IN	0007	37	05.2	76	36.7	6		2			*	1.4		02.0			R	12.47		*	S	0.42	16.6	
17	08	64	16.5	IN	0007	37	05.2	76	36.7	6		2			*	1.4		04.0			R	14.10		*	S	0.32	16.6	
17	08	64	16.5	IN	0007	37	05.2	76	36.7	6		2			*	1.4		06.0			R	14.89		*	S	0.26	16.6	
17	08	64	17.0	IN	0007	37	05.2	76	36.7	6		2			*	1.2		00.0			R	11.56	F	17	S	0.36	17.1	
17	08	64	17.0	IN	0007	37	05.2	76	36.7	6		2			*	1.2		00.0					E	15	D	0.34	17.3	
17	08	64	17.0	IN	0007	37	05.2	76	36.7	6		2			*	1.2		02.0			R	13.22	F	19	S	0.42	17.1	
17	08	64	17.0	IN	0007	37	05.2	76	36.7	6		2			*	1.2		04.0			R	14.65	F	17	S	0.28	17.1	
17	08	64	17.0	IN	0007	37	05.2	76	36.7	6		2			*	1.2		06.0			R	14.97		*	S	0.20	17.1	
17	08	64	17.5	IN	0007	37	05.2	76	36.7	6		3			*			00.0			R	13.59	F	17	S	0.46	17.6	
17	08	64	17.5	IN	0007	37	05.2	76	36.7	6		3			*			00.0					E	14	D	0.46	17.8	
17	08	64	17.5	IN	0007	37	05.2	76	36.7	6		3			*			02.0			R	14.63	F	19	S	0.42	17.6	
17	08	64	17.5	IN	0007	37	05.2	76	36.7	6		3			*			04.0			R	15.00	F	18	S	0.22	17.6	
17	08	64	17.5	IN	0007	37	05.2	76	36.7	6		3			*			06.0			R	15.05	F	18	S	0.20	17.6	
17	08	64	18.0	IN	0007	37	05.2	76	36.7	6		3			*	1.8		00.0			R	14.57	F	17	S	0.35	18.1	
17	08	64	18.0	IN	0007	37	05.2	76	36.7	6		3			*	1.8		02.0			R	14.84	F	17	S	0.32	18.1	
17	08	64	18.0	IN	0007	37	05.2	76	36.7	6		3			*	1.8		04.0			R	15.12	F	15	S	0.22	18.1	
17	08	64	18.0	IN	0007	37	05.2	76	36.7	6		3			*	1.8		06.0			R	15.32	F	17	S	0.17	18.1	
17	08	64	18.5	IN	0007	37	05.2	76	36.7	7		3			*	1.8		00.0			R	14.57	E	01	D	0.18	18.6	
17	08	64	18.5	IN	0007	37	05.2	76	36.7	7		3			*	1.8		02.0			R	14.97	F	00	Y	0.16	18.7	
17	08	64	18.5	IN	0007	37	05.2	76	36.7	7		3			*	1.8		04.0			R	15.01	F	34	Y	0.12	18.7	
17	08	64	18.5	IN	0007	37	05.2	76	36.7	7		3			*	1.8		06.0			R	15.75	F	35	Y	0.16	18.7	
17	08	64	19.0	IN	0007	37	05.2	76	36.7	7		*			*	1.0		00.0			R	15.53	E	01	D	0.23	19.1	
17	08	64	19.0	IN	0007	37	05.2	76	36.7	7		*			*	1.0		02.0			R	15.97	F	36	Y	0.15	19.1	
17	08	64	19.0	IN	0007	37	05.2	76	36.7	7		*			*	1.0		04.0			R	16.19	F	36	Y	0.18	19.2	
17	08	64	19.0	IN	0007	37	05.2	76	36.7	7		*			*	1.0		06.0			R	16.43	F	36	Y	0.16	19.2	
17	08	64	19.5	IN	0007	37	05.2	76	36.7	7		*			*			00.0			R	15.91	E	01	D	0.23	19.6	
17	08	64	19.5	IN	0007	37	05.2	76	36.7	7		*			*			02.0			R	16.06	F	00	Y	0.19	19.6	
17	08	64	19.5	IN	0007	37	05.2	76	36.7	7		*			*			04.0			R	16.42	F	00	Y	0.12	19.6	
17	08	64	19.5	IN	0007	37	05.2	76	36.7	7		*			*			06.0			R	16.70	F	00	Y	0.13	19.6	
17	08	64	20.0	IN	0007	37	05.2	76	36.7	7		4			*			00.0			R	15.98	E	33	D	0.00	20.1	
17	08	64	20.0	IN	0007	37	05.2	76	36.7	7		4			*			02.0			R	16.38	F	00	Y	0.06	20.1	
17	08	64	20.0	IN	0007	37	05.2	76	36.7	7		4			*			04.0			R	16.74	F	00	Y	0.03	20.2	
17	08	64	20.0	IN	0007	37	05.2	76	36.7	7		4			*			06.0			R	16.86	F	00	Y	0.03	20.2	
17	08	64	20.5	IN	0007	37	05.2	76	36.7	7		4			*			00.0			R	16.11	E	22	D	0.00	20.6	
17	08	64	20.5	IN	0007	37	05.2	76	36.7	7		4			*			02.0			R	16.14	F	00	Y	0.04	20.6	
17	08	64	20.5	IN	0007	37	05.2	76	36.7	7		4			*			04.0			R	16.69	F	00	Y	0.01	20.6	
17	08	64	20.5	IN	0007	37	05.2	76	36.7	7		4			*			06.0			R	17.36	F	00	Y	0.02	20.6	
17	08	64	21.0	IN	0007	37	05.2	76	36.7	7		5			*			00.0			R	14.95	E	24	D	0.12	21.1	
17	08	64	21.0	IN	0007	37	05.2	76	36.7	7		5			*			02.0			R	15.53	F	00	Y	0.06	21.1	
17	08	64	21.0	IN	0007	37	05.2	76	36.7	7		5			*			04.0			R	16.56	F	00	Y	0.05	21.2	
17	08	64	21.0	IN	0007	37	05.2	76	36.7	7		5			*			06.0			R	16.87	F	00	Y	0.05	21.2	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
17	08	64	21.5	IN	0007	37	05.2	76	36.7	7		6			*			00.0			R	13.89	E	19	D	0.32	21.5	
17	08	64	21.5	IN	0007	37	05.2	76	36.7	7		6			*			02.0					F	19	Y	0.18	21.6	
17	08	64	21.5	IN	0007	37	05.2	76	36.7	7		6			*			04.0			R	16.17	F	00	Y	0.07	21.6	
17	08	64	21.5	IN	0007	37	05.2	76	36.7	7		6			*			06.0			R	16.84	F	00	Y	0.03	21.6	
17	08	64	22.0	IN	0007	37	05.2	76	36.7	7		6			*			00.0					E	19	D	0.51	22.1	
17	08	64	22.0	IN	0007	37	05.2	76	36.7	7		6			*			02.0			R	15.42	F	15	Y	0.30	22.1	
17	08	64	22.0	IN	0007	37	05.2	76	36.7	7		6			*			04.0			R	16.05	F	15	Y	0.16	22.1	
17	08	64	22.0	IN	0007	37	05.2	76	36.7	7		6			*			06.0			R	16.99	F	16	Y	0.07	22.1	
17	08	64	23.0	IN	0007	37	05.2	76	36.7	6		6			*			00.0			R	13.12		*	S	0.60	23.1	
17	08	64	23.0	IN	0007	37	05.2	76	36.7	6		6			*			00.0					E	23	D	0.39	23.2	
17	08	64	23.0	IN	0007	37	05.2	76	36.7	6		6			*			02.0			R	13.77		*	S	0.49	23.1	
17	08	64	23.0	IN	0007	37	05.2	76	36.7	6		6			*			04.0			R	15.76		*	S	0.34	23.1	
17	08	64	23.0	IN	0007	37	05.2	76	36.7	6		6			*			06.0			R	16.78	F	34	S	0.21	23.1	
17	08	64	23.5	IN	0007	37	05.2	76	36.7	6		7			*			00.0			R	15.80		*	S	0.65	23.5	
17	08	64	23.5	IN	0007	37	05.2	76	36.7	6		7			*			00.0					E	35	D	0.35	23.7	
17	08	64	23.5	IN	0007	37	05.2	76	36.7	6		7			*			01.0			R	16.17	F	27	S	0.16	23.6	
17	08	64	23.5	IN	0007	37	05.2	76	36.7	6		7			*			02.0			R	12.90		*	S	0.60	23.6	
17	08	64	23.5	IN	0007	37	05.2	76	36.7	6		7			*			04.0			R	14.72		*	S	0.39	23.6	
18	08	64	00.0	IN	0007	37	05.2	76	36.7	6		7			*			00.0			R	12.63		*	S	0.55	00.0	
18	08	64	00.0	IN	0007	37	05.2	76	36.7	6		7			*			00.0					E	34	D	0.41	00.2	
18	08	64	00.0	IN	0007	37	05.2	76	36.7	6		7			*			02.0			R	13.11		*	S	0.50	00.1	
18	08	64	00.0	IN	0007	37	05.2	76	36.7	6		7			*			04.0			R	14.14		*	S	0.45	00.1	
18	08	64	00.0	IN	0007	37	05.2	76	36.7	6		7			*			06.0			R	15.65	F	25	S	0.12	00.1	
18	08	64	00.5	IN	0007	37	05.2	76	36.7	6		7			*			00.0			R	12.80		*	S	0.55	00.5	
18	08	64	00.5	IN	0007	37	05.2	76	36.7	6		7			*			00.0					E	29	D	0.42	00.7	
18	08	64	00.5	IN	0007	37	05.2	76	36.7	6		7			*			02.0			R	12.78		*	S	0.50	00.6	
18	08	64	00.5	IN	0007	37	05.2	76	36.7	6		7			*			04.0			R	13.35		*	S	0.46	00.6	
18	08	64	00.5	IN	0007	37	05.2	76	36.7	6		7			*			06.0			R	15.32	F	27	S	0.18	00.6	
18	08	64	01.0	IN	0007	37	05.2	76	36.7	6		*			*			00.0			R	12.60		*	S	0.50	01.0	
18	08	64	01.0	IN	0007	37	05.2	76	36.7	6		*			*			00.0					E	31	D	0.29	01.1	
18	08	64	01.0	IN	0007	37	05.2	76	36.7	6		*			*			02.0			R	12.56		*	S	0.47	01.1	
18	08	64	01.0	IN	0007	37	05.2	76	36.7	6		*			*			04.0			R	12.64		*	S	0.41	01.1	
18	08	64	01.0	IN	0007	37	05.2	76	36.7	6		*			*			06.0			R	14.10	F	24	S	0.18	01.1	
18	08	64	01.5	IN	0007	37	05.2	76	36.7	6		3			*			00.0			R	12.15		*	S	0.45	01.5	
18	08	64	01.5	IN	0007	37	05.2	76	36.7	6		3			*			00.0					E	30	D	0.26	01.6	
18	08	64	01.5	IN	0007	37	05.2	76	36.7	6		3			*			02.0			R	12.25		*	S	0.41	01.6	
18	08	64	01.5	IN	0007	37	05.2	76	36.7	6		3			*			04.0			R	12.55		*	S	0.36	01.6	
18	08	64	01.5	IN	0007	37	05.2	76	36.7	6		3			*			06.0			R	14.60	F	22	S	0.06	01.6	
18	08	64	02.0	IN	0007	37	05.2	76	36.7	6		3			*			00.0			R	11.75		*	S	0.40	02.0	
18	08	64	02.0	IN	0007	37	05.2	76	36.7	6		3			*			00.0					E	28	D	0.25	02.0	
18	08	64	02.0	IN	0007	37	05.2	76	36.7	6		3			*			02.0			R	11.91		*	S	0.35	02.0	
18	08	64	02.0	IN	0007	37	05.2	76	36.7	6		3			*			04.0			R	12.07		*	S	0.31	02.0	
18	08	64	02.0	IN	0007	37	05.2	76	36.7	6		3			*			06.0			R	14.00	F	21	S	0.02	02.0	
18	08	64	02.5	IN	0007	37	05.2	76	36.7	6		3			*			00.0			R	11.61		*	S	0.30	02.6	
18	08	64	02.5	IN	0007	37	05.2	76	36.7	6		3			*			00.0					E	29	D	0.27	02.6	
18	08	64	02.5	IN	0007	37	05.2	76	36.7	6		3			*			02.0			R	11.69		*	S	0.22	02.6	
18	08	64	02.5	IN	0007	37	05.2	76	36.7	6		3			*			04.0			R	12.16		*	S	0.12	02.6	
18	08	64	02.5	IN	0007	37	05.2	76	36.7	6		3			*			06.0			R	10.76	F	22	S	0.00	02.6	
18	08	64	03.0	IN	0007	37	05.2	76	36.7	6		4			*			00.0			R	11.57		*	S	0.06	03.0	
18	08	64	03.0	IN	0007	37	05.2	76	36.7	6		4			*			00.0					E	18	D	0.00	03.1	
18	08	64	03.0	IN	0007	37	05.2	76	36.7	6		4			*			02.0			R	11.53		*	S	0.07	03.1	
18	08	64	03.0	IN	0007	37	05.2	76	36.7	6		4			*			04.0			R	11.23		*	S	0.05	03.1	
18	08	64	03.0	IN	0007	37	05.2	76	36.7	6		4			*			06.0			R	10.67	F	21	S	0.10	03.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
17	08	64	13.0	PA	0007	37	12.8	76	47.9	10	6	23		*	0.8	00.0	C	24.50	C	2.80	L	13	D	0.53	13.2
17	08	64	13.0	PA	0007	37	12.8	76	47.9	10	6	23		*	0.8	04.0	C	24.50	C	3.22	L	13	U	0.50	13.1
17	08	64	13.0	PA	0007	37	12.8	76	47.9	10	6	23		*	0.8	06.0	C	24.38	C	3.55	L	13	U	0.46	13.2
17	08	64	13.0	PA	0007	37	12.8	76	47.9	10	6	23		*	0.8	08.0	C	24.34	C	3.67	F	14	U	0.39	13.2
17	08	64	13.0	PA	0007	37	12.8	76	47.9	10	6	23		*	0.8	10.0	C	24.36	C	4.41		*		*	*
17	08	64	13.5	PA	0007	37	12.8	76	47.9	10	6			*		00.0	C	24.54	C	3.44	L	11	D	0.38	13.6
17	08	64	13.5	PA	0007	37	12.8	76	47.9	10	6			*		04.0	C	24.24	C	3.62		*	U	0.48	13.5
17	08	64	13.5	PA	0007	37	12.8	76	47.9	10	6			*		06.0	C	24.20	C	3.72		*	U	0.40	13.5
17	08	64	13.5	PA	0007	37	12.8	76	47.9	10	6			*		08.0	C	24.22	C	3.85	F	13	U	0.37	13.6
17	08	64	14.0	PA	0007	37	12.8	76	47.9	10	6	25		*	0.7	00.0	C	24.72	C	3.21	L	12	D	0.29	14.2
17	08	64	14.0	PA	0007	37	12.8	76	47.9	10	6	25		*	0.7	04.0	C	24.18	C	3.66		*	U	0.35	14.0
17	08	64	14.0	PA	0007	37	12.8	76	47.9	10	6	25		*	0.7	06.0	C	24.18	C	3.72		*	U	0.28	14.0
17	08	64	14.0	PA	0007	37	12.8	76	47.9	10	6	25		*	0.7	08.0	C	24.24	C	3.85	F	14	U	0.20	14.1
17	08	64	14.5	PA	0007	37	12.8	76	47.9	10	7			*		00.0	C	24.90	C	2.96	L	11	D	0.26	14.6
17	08	64	14.5	PA	0007	37	12.8	76	47.9	10	7			*		04.0	C	24.16	C	3.44		*	U	0.22	14.5
17	08	64	14.5	PA	0007	37	12.8	76	47.9	10	7			*		06.0	C	24.18	C	3.69		*	U	0.15	14.5
17	08	64	14.5	PA	0007	37	12.8	76	47.9	10	7			*		08.0	C	24.36	C	3.93	F	14	U	0.14	14.5
17	08	64	15.0	PA	0007	37	12.8	76	47.9	10	8	25		*	0.9	00.0	C	25.04	C	2.80		*	D	0.00	15.1
17	08	64	15.0	PA	0007	37	12.8	76	47.9	10	8	25		*	0.9	06.0	C	24.18	C	3.66		*	U	0.02	15.1
17	08	64	15.0	PA	0007	37	12.8	76	47.9	10	8	25		*	0.9	08.0	C	24.28	C	3.78		*	U	0.02	15.1
17	08	64	15.0	PA	0007	37	12.8	76	47.9	10	8	25		*	0.9	04.0	C	24.30	C	3.33		*	U	0.02	15.0
17	08	64	15.5	PA	0007	37	12.8	76	47.9	10	1			*		00.0	C	25.06	C	2.84	L	30	D	0.10	15.6
17	08	64	15.5	PA	0007	37	12.8	76	47.9	10	1			*		06.0	C	24.50	C	3.23		*	U	0.08	15.5
17	08	64	15.5	PA	0007	37	12.8	76	47.9	10	1			*		08.0	C	24.34	C	3.39		*	U	0.05	15.5
17	08	64	15.5	PA	0007	37	12.8	76	47.9	10	1			*		04.0	C	24.70	C	3.15		*	U	0.08	15.5
17	08	64	16.0	PA	0007	37	12.8	76	47.9	9	1	26		*	1.1	00.0	C	25.46	C	3.10	L	30	D	0.28	16.1
17	08	64	16.0	PA	0007	37	12.8	76	47.9	9	1	26		*	1.1	04.0	C	24.36	C	3.33		*	U	0.34	16.1
17	08	64	16.0	PA	0007	37	12.8	76	47.9	9	1	26		*	1.1	06.0	C	24.39	C	3.42		*	U	0.37	16.1
17	08	64	16.0	PA	0007	37	12.8	76	47.9	9	1	26		*	1.1	08.0	C	24.51	C	3.63	F	29	U	0.31	16.1
17	08	64	16.5	PA	0007	37	12.8	76	47.9	9	1	28		*		00.0	C	24.62	C	3.23	L	29	D	0.34	16.6
17	08	64	16.5	PA	0007	37	12.8	76	47.9	9	1	28		*		04.0	C	24.52	C	3.41		*	U	0.49	16.6
17	08	64	16.5	PA	0007	37	12.8	76	47.9	9	1	28		*		06.0	C	24.49	C	3.51		*	U	0.36	16.6
17	08	64	16.5	PA	0007	37	12.8	76	47.9	9	1	28		*		08.0	C	24.41	C	3.55	F	33	U	0.31	16.6
17	08	64	17.0	PA	0007	37	12.8	76	47.9	9	1	27		*	1.1	00.0	C	24.89	C	2.81	L	31	D	0.37	17.1
17	08	64	17.0	PA	0007	37	12.8	76	47.9	9	1	27		*	1.1	04.0	C	24.66	C	3.81		*	U	0.48	17.1
17	08	64	17.0	PA	0007	37	12.8	76	47.9	9	1	27		*	1.1	06.0	C	24.54	C	3.82		*	U	0.51	17.1
17	08	64	17.0	PA	0007	37	12.8	76	47.9	9	1	27		*	1.1	08.0	C	24.38	C	4.14	F	32	U	0.42	17.1
17	08	64	17.5	PA	0007	37	12.8	76	47.9	9	2	26		*		00.0	C	24.50	C	3.36	L	32	D	0.50	17.1
17	08	64	17.5	PA	0007	37	12.8	76	47.9	9	2	26		*		04.0	C	24.56	C	3.72		*	U	0.51	17.1
17	08	64	17.5	PA	0007	37	12.8	76	47.9	9	2	26		*		06.0	C	24.41	C	4.02		*	U	0.52	17.1
17	08	64	17.5	PA	0007	37	12.8	76	47.9	9	2	26		*		08.0	C	24.35	C	4.86	F	31	U	0.50	17.1
17	08	64	18.0	PA	0007	37	12.8	76	47.9	9	2	25		*	1.2	00.0	C	24.54	C	3.50	L	32	D	0.58	18.1
17	08	64	18.0	PA	0007	37	12.8	76	47.9	9	2	25		*	1.2	04.0	C	24.63	C	3.65		*	U	0.51	18.1
17	08	64	18.0	PA	0007	37	12.8	76	47.9	9	2	25		*	1.2	06.0	C	24.57	C	3.97		*	U	0.52	18.1
17	08	64	18.0	PA	0007	37	12.8	76	47.9	9	2	25		*	1.2	08.0	C	24.35	C	4.79	F	32	U	0.52	18.1
17	08	64	18.5	PA	0007	37	12.8	76	47.9	9	2	25		*		00.0	C	24.62	C	3.68	L	32	D	0.60	18.1
17	08	64	18.5	PA	0007	37	12.8	76	47.9	9	2	25		*		04.0	C	24.64	C	3.78		*	U	0.51	18.1
17	08	64	18.5	PA	0007	37	12.8	76	47.9	9	2	25		*		06.0	C	24.47	C	4.17		*	U	0.52	18.1
17	08	64	18.5	PA	0007	37	12.8	76	47.9	9	2	25		*		08.0	C	24.47	C	4.98	F	32	U	0.52	18.1
17	08	64	19.0	PA	0007	37	12.8	76	47.9	10	2	24		*		00.0	C	24.74	C	3.55	L	32	D	0.61	19.2
17	08	64	19.0	PA	0007	37	12.8	76	47.9	10	2	24		*		04.0	C	24.56	C	3.88		*	U	0.53	19.0
17	08	64	19.0	PA	0007	37	12.8	76	47.9	10	2	24		*		06.0	C	24.46	C	4.14		*	U	0.55	19.0
17	08	64	19.0	PA	0007	37	12.8	76	47.9	10	2	24		*		08.0	C	24.56	C	4.88	F	32	U	0.50	19.1

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
17	08	64	19.5	PA	0007	37	12.8	76	47.9	10		2	23		*			00.0	C	24.58	C	4.06	L	33	D	0.51	19.6	
17	08	64	19.5	PA	0007	37	12.8	76	47.9	10		2	23		*			04.0	C	24.48	C	4.71		*	U	0.60	19.5	
17	08	64	19.5	PA	0007	37	12.8	76	47.9	10		2	23		*			06.0	C	24.60	C	4.97		*	U	0.63	19.5	
17	08	64	19.5	PA	0007	37	12.8	76	47.9	10		2	23		*			08.0	C	24.64	C	5.06	F	32	U	0.53	19.5	
17	08	64	20.0	PA	0007	37	12.8	76	47.9	10		2	23		*			00.0	C	24.70	C	4.09	L	32	D	0.45	20.2	
17	08	64	20.0	PA	0007	37	12.8	76	47.9	10		2	23		*			04.0	C	24.58	C	5.09		*	U	0.57	20.0	
17	08	64	20.0	PA	0007	37	12.8	76	47.9	10		2	23		*			06.0	C	24.60	C	5.19		*	U	0.60	20.0	
17	08	64	20.0	PA	0007	37	12.8	76	47.9	10		2	23		*			08.0	C	24.58	C	5.29	F	32	U	0.52	20.0	
17	08	64	20.5	PA	0007	37	12.8	76	47.9	10		3	23		*			00.0	C	24.74	C	4.15	L	32	D	0.40	20.7	
17	08	64	20.5	PA	0007	37	12.8	76	47.9	10		3	23		*			04.0	C	24.58	C	5.32		*	U	0.50	20.5	
17	08	64	20.5	PA	0007	37	12.8	76	47.9	10		3	23		*			06.0	C	24.52	C	5.46		*	U	0.50	20.5	
17	08	64	20.5	PA	0007	37	12.8	76	47.9	10		3	23		*			08.0	C	24.50	C	5.46	F	31	U	0.46	20.5	
17	08	64	21.0	PA	0007	37	12.8	76	47.9	10		3	22		*			00.0	C	24.80	C	4.11	L	32	D	0.28	21.2	
17	08	64	21.0	PA	0007	37	12.8	76	47.9	10		3	22		*			04.0	C	24.58	C	5.36		*	U	0.48	21.0	
17	08	64	21.0	PA	0007	37	12.8	76	47.9	10		3	22		*			06.0	C	24.56	C	5.49		*	U	0.43	21.0	
17	08	64	21.0	PA	0007	37	12.8	76	47.9	10		3	22		*			08.0	C	24.54	C	5.49	F	32	U	0.38	21.1	
17	08	64	21.5	PA	0007	37	12.8	76	47.9	10		3	22		*			00.0	C	24.78	C	4.19	L	32	D	0.17	21.7	
17	08	64	21.5	PA	0007	37	12.8	76	47.9	10		3	22		*			04.0	C	24.60	C	5.03		*	U	0.27	21.5	
17	08	64	21.5	PA	0007	37	12.8	76	47.9	10		3	22		*			06.0	C	24.60	C	5.29		*	U	0.31	21.5	
17	08	64	21.5	PA	0007	37	12.8	76	47.9	10		3	22		*			08.0	C	24.56	C	5.52	F	31	U	0.28	21.5	
17	08	64	22.0	PA	0007	37	12.8	76	47.9	10		4	23		*			00.0	C	24.72	C	4.18	L	11	D	0.00	22.2	
17	08	64	22.0	PA	0007	37	12.8	76	47.9	10		4	23		*			04.0	C	24.66	C	4.29		*	U	0.09	22.0	
17	08	64	22.0	PA	0007	37	12.8	76	47.9	10		4	23		*			06.0	C	24.58	C	5.16		*	U	0.14	22.0	
17	08	64	22.0	PA	0007	37	12.8	76	47.9	10		4	23		*			08.0	C	24.58	C	5.29		*	U	0.11	22.0	
17	08	64	22.5	PA	0007	37	12.8	76	47.9	10		5			*			00.0	C	24.74	C	4.08	L	11	D	0.25	22.6	
17	08	64	22.5	PA	0007	37	12.8	76	47.9	10		5			*			04.0	C	24.72	C	4.21		*	U	0.02	22.5	
17	08	64	22.5	PA	0007	37	12.8	76	47.9	10		5			*			06.0	C	24.60	C	5.32		*	U	0.02	22.5	
17	08	64	22.5	PA	0007	37	12.8	76	47.9	10		5			*			08.0	C	24.60	C	5.35		*	U	0.03	22.5	
17	08	64	23.0	PA	0007	37	12.8	76	47.9	10		5	22		*			00.0	C	24.68	C	4.12	L	10	D	0.31	23.1	
17	08	64	23.0	PA	0007	37	12.8	76	47.9	10		5	22		*			04.0	C	24.60	C	4.45		*	U	0.18	23.0	
17	08	64	23.0	PA	0007	37	12.8	76	47.9	10		5	22		*			06.0	C	24.56	C	5.29		*	U	0.18	23.0	
17	08	64	23.0	PA	0007	37	12.8	76	47.9	10		5	22		*			08.0	C	24.54	C	5.39	F	14	U	0.25	23.0	
17	08	64	23.5	PA	0007	37	12.8	76	47.9	10		6			*			00.0	C	24.54	C	4.12	L	10	D	0.41	23.6	
17	08	64	23.5	PA	0007	37	12.8	76	47.9	10		6			*			04.0	C	24.60	C	4.90		*	U	0.34	23.5	
17	08	64	23.5	PA	0007	37	12.8	76	47.9	10		6			*			06.0	C	24.58	C	5.29		*	U	0.40	23.5	
17	08	64	23.5	PA	0007	37	12.8	76	47.9	10		6			*			08.0	C	24.52	C	5.39	F	14	U	0.40	23.5	
18	08	64	00.0	PA	0007	37	12.8	76	47.9	10		6	22		*			00.0	C	24.34	C	3.95	L	11	D	0.51	00.1	
18	08	64	00.0	PA	0007	37	12.8	76	47.9	10		6	22		*			04.0	C	24.34	C	4.24		*	U	0.58	00.0	
18	08	64	00.0	PA	0007	37	12.8	76	47.9	10		6	22		*			06.0	C	24.38	C	4.42		*	U	0.52	00.0	
18	08	64	00.0	PA	0007	37	12.8	76	47.9	10		6	22		*			08.0	C	24.54	C	4.80	F	13	U	0.50	00.0	
18	08	64	00.5	PA	0007	37	12.8	76	47.9	10		6			*			00.0	C	24.30	C	4.56	L	12	D	0.56	00.6	
18	08	64	00.5	PA	0007	37	12.8	76	47.9	10		6			*			04.0	C	24.42	C	4.85		*	U	0.51	00.5	
18	08	64	00.5	PA	0007	37	12.8	76	47.9	10		6			*			06.0	C	24.62	C	4.99		*	U	0.50	00.5	
18	08	64	00.5	PA	0007	37	12.8	76	47.9	10		6			*			08.0	C	24.58	C	5.12	F	15	U	0.52	00.5	
18	08	64	01.0	PA	0007	37	12.8	76	47.9	10		6	21		*			00.0	C	24.36	C	4.36	L	11	D	0.59	01.1	
18	08	64	01.0	PA	0007	37	12.8	76	47.9	10		6	21		*			04.0	C	24.49	C	4.52		*	U	0.65	01.1	
18	08	64	01.0	PA	0007	37	12.8	76	47.9	10		6	21		*			06.0	C	24.54	C	4.74		*	U	0.55	01.1	
18	08	64	01.0	PA	0007	37	12.8	76	47.9	10		6	21		*			08.0	C	24.55	C	4.86	F	11	U	0.52	01.1	
18	08	64	01.5	PA	0007	37	12.8	76	47.9	10		6	21		*			00.0	C	24.37	C	4.25	L	12	D	0.65	01.7	
18	08	64	01.5	PA	0007	37	12.8	76	47.9	10		6	21		*			04.0	C	24.46	C	4.40		*	U	0.60	01.6	
18	08	64	01.5	PA	0007	37	12.8	76	47.9	10		6	21		*			06.0	C	24.48	C	4.52		*	U	0.55	01.6	
18	08	64	01.5	PA	0007	37	12.8	76	47.9	10		6	21		*			08.0	C	24.49	C	4.55	F	14	U	0.51	01.6	

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M				DIRECTION CODE	VELOCITY M/SEC.			M	INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
18	08	64	02.0	PA	0007	37	12.8	76	47.9	10		6	21		*			00.0	C	24.32	C	4.03	L	12	D	0.56	02.1		
18	08	64	02.0	PA	0007	37	12.8	76	47.9	10		6	21		*			04.0	C	24.42	C	4.23		*	U	0.60	02.1		
18	08	64	02.0	PA	0007	37	12.8	76	47.9	10		6	21		*			06.0	C	24.44	C	4.35		*	U	0.50	02.1		
18	08	64	02.0	PA	0007	37	12.8	76	47.9	10		6	21		*			08.0	C	24.45	C	4.40	F	14	U	0.49	02.1		
18	08	64	02.5	PA	0007	37	12.8	76	47.9	9		6	21		*			00.0	C	24.32	C	3.82	L	12	D	0.53	02.7		
18	08	64	02.5	PA	0007	37	12.8	76	47.9	9		6	21		*			04.0	C	24.39	C	3.93		*	U	0.50	02.6		
18	08	64	02.5	PA	0007	37	12.8	76	47.9	9		6	21		*			06.0	C	24.40	C	4.11		*	U	0.49	02.6		
18	08	64	02.5	PA	0007	37	12.8	76	47.9	9		6	21		*			08.0	C	24.40	C	4.11	F	14	U	0.42	02.6		
18	08	64	03.0	PA	0007	37	12.8	76	47.9	9		6	21		*			00.0	C	24.42	C	3.47	L	12	D	0.50	03.1		
18	08	64	03.0	PA	0007	37	12.8	76	47.9	9		6	21		*			04.0	C	24.42	C	3.71		*	U	0.50	03.1		
18	08	64	03.0	PA	0007	37	12.8	76	47.9	9		6	21		*			06.0	C	24.38	C	3.95		*	U	0.48	03.1		
18	08	64	03.0	PA	0007	37	12.8	76	47.9	9		6	21		*			08.0	C	24.38	C	4.07	F	14	U	0.40	03.1		
18	08	64	03.5	PA	0007	37	12.8	76	47.9	9		7	21		*			00.0	C	24.37	C	3.34	L	12	D	0.35	03.6		
18	08	64	03.5	PA	0007	37	12.8	76	47.9	9		7	21		*			04.0	C	24.34	C	3.51		*	U	0.45	03.6		
18	08	64	03.5	PA	0007	37	12.8	76	47.9	9		7	21		*			06.0	C	24.32	C	3.64		*	U	0.41	03.6		
18	08	64	03.5	PA	0007	37	12.8	76	47.9	9		7	21		*			08.0	C	24.32	C	3.64	F	15	U	0.34	03.6		
18	08	64	04.0	PA	0007	37	12.8	76	47.9	9		7	20		*			00.0	C	24.34	C	3.32	L	11	D	0.25	04.2		
18	08	64	04.0	PA	0007	37	12.8	76	47.9	9		7	20		*			04.0	C	24.36	C	3.48		*	U	0.27	04.0		
18	08	64	04.0	PA	0007	37	12.8	76	47.9	9		7	20		*			06.0	C	24.30	C	3.55		*	U	0.24	04.0		
18	08	64	04.0	PA	0007	37	12.8	76	47.9	9		7	20		*			08.0	C	24.32	C	3.64	F	11	U	0.14	04.1		
18	08	64	04.5	PA	0007	37	12.8	76	47.9	10		8	20		*			00.0	C	24.32	C	3.32	L	*	D	0.00	04.8		
18	08	64	04.5	PA	0007	37	12.8	76	47.9	10		8	20		*			04.0	C	24.36	C	3.42		*	U	0.04	04.7		
18	08	64	04.5	PA	0007	37	12.8	76	47.9	10		8	20		*			06.0	C	24.36	C	3.42		*	U	0.00	04.7		
18	08	64	04.5	PA	0007	37	12.8	76	47.9	10		8	20		*			08.0	C	24.34	C	3.39	F	*	U	0.02	04.7		
18	08	64	05.0	PA	0007	37	12.8	76	47.9	10		8	20		*			00.0	C	24.28	C	3.28	L	*	D	0.00	05.1		
18	08	64	05.0	PA	0007	37	12.8	76	47.9	10		8	20		*			04.0	C	24.34	C	3.32		*	U	0.04	05.0		
18	08	64	05.0	PA	0007	37	12.8	76	47.9	10		8	20		*			06.0	C	24.36	C	3.39		*	U	0.08	05.0		
18	08	64	05.0	PA	0007	37	12.8	76	47.9	10		8	20		*			08.0	C	24.34	C	3.45	F	*	U	0.02	05.0		
18	08	64	05.5	PA	0007	37	12.8	76	47.9	10		1	21		*			00.0	C	24.10	C	2.89	L	29	D	0.23	05.6		
18	08	64	05.5	PA	0007	37	12.8	76	47.9	10		1	21		*			04.0	C	24.34	C	3.48		*	U	0.21	05.0		
18	08	64	05.5	PA	0007	37	12.8	76	47.9	10		1	21		*			06.0	C	24.36	C	3.61		*	U	0.35	05.0		
18	08	64	05.5	PA	0007	37	12.8	76	47.9	10		1	21		*			08.0	C	24.38	C	3.76	F	36	U	0.48	05.0		
17	08	64	13.5	JB	0007	37	12.6	76	41.1	8		7			*			00.0	N	24.80	N	5.36	L	07	P	0.38	13.5		
17	08	64	13.5	JB	0007	37	12.6	76	41.1	8		7			*			04.0	N	24.32	N	6.52		*	P	0.30	13.6		
17	08	64	13.5	JB	0007	37	12.6	76	41.1	8		7			*			06.0	N	24.20	N	7.12		*	P	0.15	13.6		
17	08	64	13.5	JB	0007	37	12.6	76	41.1	8		7			*			07.0	N	23.88	N	7.16		*		*	*		
17	08	64	13.5	JB	0007	37	12.6	76	41.1	8		7			*			08.0						*	P	0.10	13.8		
17	08	64	14.0	JB	0007	37	12.6	76	41.1	8		7			*			00.0	N	24.88	N	5.31	L	07	P	0.39	14.0		
17	08	64	14.0	JB	0007	37	12.6	76	41.1	8		7			*			04.0	N	24.16	N	5.91		*	P	0.32	14.1		
17	08	64	14.0	JB	0007	37	12.6	76	41.1	8		7			*			06.0	N	24.16	N	6.47		*	P	0.18	14.1		
17	08	64	14.0	JB	0007	37	12.6	76	41.1	8		7			*			07.0	N	24.20	N	6.95		*		*	*		
17	08	64	14.0	JB	0007	37	12.6	76	41.1	8		7			*			08.0						*	P	0.10	14.3		
17	08	64	14.5	JB	0007	37	12.6	76	41.1	8		7			*			00.0	N	25.24	N	5.32	L	06	P	0.29	14.5		
17	08	64	14.5	JB	0007	37	12.6	76	41.1	8		7			*			04.0	N	24.24	N	6.28		*	P	0.12	14.5		
17	08	64	14.5	JB	0007	37	12.6	76	41.1	8		7			*			06.0	N	24.16	N	6.84		*	P	0.03	14.6		
17	08	64	14.5	JB	0007	37	12.6	76	41.1	8		7			*			07.0	N	24.16	N	6.92		*		*	*		
17	08	64	14.5	JB	0007	37	12.6	76	41.1	8		7			*			08.0						*	P	0.10	14.7		
17	08	64	15.0	JB	0007	37	12.6	76	41.1	8		7			*			00.0	N	24.68	N	6.00	L	04	P	0.14	15.0		
17	08	64	15.0	JB	0007	37	12.6	76	41.1	8		7			*			04.0	N	24.16	N	6.52		*	P	0.08	15.0		
17	08	64	15.0	JB	0007	37	12.6	76	41.1	8		7			*			06.0	N	24.16	N	7.56		*	P	0.28	15.1		
17	08	64	15.0	JB	0007	37	12.6	76	41.1	8		7			*			07.0	N	24.12	N	7.94		*		*	*		
17	08	64	15.0	JB	0007	37	12.6	76	41.1	8		7			*			08.0						*		0.23	15.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
17	08	64	15.5	JB	0007	37	12.6	76	41.1	8		8			*			00.0	N	24.84	N	5.28	L	00	P	0.11	15.5		
17	08	64	15.5	JB	0007	37	12.6	76	41.1	8		8			*			04.0	N	24.32	N	6.48		*	P	0.22	15.6		
17	08	64	15.5	JB	0007	37	12.6	76	41.1	8		8			*			06.0	N	24.24	N	6.96		*	P	0.35	15.7		
17	08	64	15.5	JB	0007	37	12.6	76	41.1	8		8			*			08.0						*	P	0.32	15.7		
17	08	64	16.0	JB	0007	37	12.6	76	41.1	8		8			*			00.0	N	24.72	N	5.72	L	27	P	0.07	16.0		
17	08	64	16.0	JB	0007	37	12.6	76	41.1	8		8			*			04.0	N	24.32	N	6.68		*	P	0.35	16.1		
17	08	64	16.0	JB	0007	37	12.6	76	41.1	8		8			*			06.0	N	24.00	N	7.52		*	P	0.41	16.1		
17	08	64	16.0	JB	0007	37	12.6	76	41.1	8		8			*			07.0	N	24.04	N	8.12		*	P	0.29	16.2		
17	08	64	16.5	JB	0007	37	12.6	76	41.1	8		1			*			00.0	N	24.84	N	5.84	L	25	P	0.12	16.5		
17	08	64	16.5	JB	0007	37	12.6	76	41.1	8		1			*			04.0	N	24.24	N	7.12		*	P	0.46	16.6		
17	08	64	16.5	JB	0007	37	12.6	76	41.1	8		1			*			06.0	N	24.20	N	7.68		*	P	0.46	16.7		
17	08	64	16.5	JB	0007	37	12.6	76	41.1	8		1			*			07.0	N	24.08	N	7.68		*	P	*	*		
17	08	64	16.5	JB	0007	37	12.6	76	41.1	8		1			*			08.0						*	P	0.35	16.7		
17	08	64	17.0	JB	0007	37	12.6	76	41.1	8		2	30		*			00.0	N	24.88	N	6.32	L	26	P	0.34	17.0		
17	08	64	17.0	JB	0007	37	12.6	76	41.1	8		2	30		*			04.0	N	24.16	N	7.68		*		*	*		
17	08	64	17.0	JB	0007	37	12.6	76	41.1	8		2	30		*			06.0	N	24.16	N	7.64		*		*	*		
17	08	64	17.0	JB	0007	37	12.6	76	41.1	8		2	30		*			08.0	N	24.12	N	8.52		*		*	*		
17	08	64	17.5	JB	0007	37	12.6	76	41.1	8		2			*			00.0	N	24.60	N	6.24	L	29	P	0.38	17.5		
17	08	64	17.5	JB	0007	37	12.6	76	41.1	8		2			*			04.0	N	24.32	N	6.88		*	P	0.54	17.5		
17	08	64	17.5	JB	0007	37	12.6	76	41.1	8		2			*			06.0	N	24.24	N	7.60		*	P	0.44	17.6		
17	08	64	17.5	JB	0007	37	12.6	76	41.1	8		2			*			07.0	N	24.20	N	8.48		*	P	0.45	17.7		
17	08	64	17.5	JB	0007	37	12.6	76	41.1	8		2			*			08.0						*	P	0.39	17.7		
17	08	64	18.0	JB	0007	37	12.6	76	41.1	8		2			*			00.0	N	24.60	N	6.36	L	29	P	0.49	18.2		
17	08	64	18.0	JB	0007	37	12.6	76	41.1	8		2			*			04.0	N	24.36	N	7.40	F	28	P	0.51	18.2		
17	08	64	18.0	JB	0007	37	12.6	76	41.1	8		2			*			06.0	N	24.16	N	7.76	F	28	P	0.45	18.2		
17	08	64	18.0	JB	0007	37	12.6	76	41.1	8		2			*			07.0	N	24.32	N	8.40	F	28	P	0.42	18.3		
17	08	64	18.0	JB	0007	37	12.6	76	41.1	8		2			*			08.0					F	28	P	0.38	18.3		
17	08	64	18.5	JB	0007	37	12.6	76	41.1	8		3			*			00.0	N	24.52	N	7.20	L	29	P	0.34	*		
17	08	64	18.5	JB	0007	37	12.6	76	41.1	8		3			*			04.0	N	24.48	N	6.68	F	28	P	0.42	*		
17	08	64	18.5	JB	0007	37	12.6	76	41.1	8		3			*			06.0	N	24.32	N	8.20	F	28	P	0.52	*		
17	08	64	18.5	JB	0007	37	12.6	76	41.1	8		3			*			07.0	N	24.32	N	8.28	F	28	P	0.45	*		
17	08	64	18.5	JB	0007	37	12.6	76	41.1	8		3			*			08.0					F	28	P	0.40	*		
17	08	64	19.0	JB	0007	37	12.6	76	41.1	8		3			*			00.0	N	24.56	N	7.56	L	*	P	0.15	*		
17	08	64	19.0	JB	0007	37	12.6	76	41.1	8		3			*			04.0	N	24.36	N	7.80	F	*	P	0.47	*		
17	08	64	19.0	JB	0007	37	12.6	76	41.1	8		3			*			06.0	N	24.40	N	7.76	F	*	P	0.47	*		
17	08	64	19.0	JB	0007	37	12.6	76	41.1	8		3			*			07.0	N	24.44	N	7.88	F	*	P	0.45	*		
17	08	64	19.0	JB	0007	37	12.6	76	41.1	8		3			*			08.0	N	24.48	N	6.64	F	*	P	0.38	*		
17	08	64	19.5	JB	0007	37	12.6	76	41.1	8		3			*			00.0	N	24.32	N	7.80	D	*	P	0.29	19.7		
17	08	64	19.5	JB	0007	37	12.6	76	41.1	8		3			*			04.0	N	24.72	M	9.76	F	*	P	0.45	19.7		
17	08	64	19.5	JB	0007	37	12.6	76	41.1	8		3			*			06.0	N	24.44	N	8.16		*	P	0.49	19.7		
17	08	64	19.5	JB	0007	37	12.6	76	41.1	8		3			*			07.0	N	24.40	N	8.76		*	P	0.42	19.8		
17	08	64	19.5	JB	0007	37	12.6	76	41.1	8		3			*			08.0	N	24.60	N	8.96		*	P	0.34	19.8		
17	08	64	20.0	JB	0007	37	12.6	76	41.1	8		3			*			00.0	N	24.48	N	7.92	D	*	P	0.34	*		
17	08	64	20.0	JB	0007	37	12.6	76	41.1	8		3			*			04.0	N	24.48	N	7.84	F	*	P	0.36	*		
17	08	64	20.0	JB	0007	37	12.6	76	41.1	8		3			*			06.0	N	24.36	N	8.36		*	P	0.37	*		
17	08	64	20.0	JB	0007	37	12.6	76	41.1	8		3			*			07.0	N	24.56	N	8.76		*	P	0.30	*		
17	08	64	20.0	JB	0007	37	12.6	76	41.1	8		3			*			08.0	N	24.40	N	9.60		*	P	0.25	*		
17	08	64	20.5	JB	0007	37	12.6	76	41.1	8		3	23		*			00.0	N	24.56	N	7.88	D	27	P	0.27	20.7		
17	08	64	20.5	JB	0007	37	12.6	76	41.1	8		3	23		*			04.0	N	24.56	N	8.08	F	27	P	0.23	20.7		
17	08	64	20.5	JB	0007	37	12.6	76	41.1	8		3	23		*			06.0	N	24.56	N	9.60		*	P	0.27	20.6		
17	08	64	20.5	JB	0007	37	12.6	76	41.1	8		3	23		*			07.0						*	P	0.25	20.6		
17	08	64	20.5	JB	0007	37	12.6	76	41.1	8		3	23		*			08.0	N	24.32	N	9.08		*	P	0.21	20.5		
17	08	64	21.0	JB	0007	37	12.6	76	41.1	8		3	23		*			00.0	N	24.36	N	8.20	D	25	P	0.18	21.0		
17	08	64	21.0	JB	0007	37	12.6	76	41.1	8		3	23		*			04.0	N	24.48	N	8.44	F	*	P	0.10	21.0		
17	08	64	21.0	JB	0007	37	12.6	76	41.1	8		3	23		*			06.0	N	24.52	N	8.48		*	P	0.07	21.1		
17	08	64	21.0	JB	0007	37	12.6	76	41.1	8		3	23		*			07.0						*	P	0.16	21.1		
17	08	64	21.0	JB	0007	37	12.6	76	41.1	8		3	23		*			08.0	N	24.44	N	9.40		*	P	0.13	21.2		

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M				DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
17	08	64	21.5	JB	0007	37	12.6	76	41.1	8		4	23		*			00.0	N	24.52	N	7.44	D	18	P	0.12	21.7	
17	08	64	21.5	JB	0007	37	12.6	76	41.1	8		4	23		*			04.0	N	24.52	N	8.36	F	*	P	0.02	21.6	
17	08	64	21.5	JB	0007	37	12.6	76	41.1	8		4	23		*			06.0	N	24.52	N	9.36		*	P	0.08	21.6	
17	08	64	21.5	JB	0007	37	12.6	76	41.1	8		4	23		*			08.0	N	24.48	N	9.40		*	P	0.10	21.5	
17	08	64	22.0	JB	0007	37	12.6	76	41.1	8		4	23		*			00.0	N	24.44	N	7.12	D	*	P	0.09	22.0	
17	08	64	22.0	JB	0007	37	12.6	76	41.1	8		4	23		*			04.0	N	24.56	N	8.64	F	*	P	0.04	22.1	
17	08	64	22.0	JB	0007	37	12.6	76	41.1	8		4	23		*			06.0	N	24.52	N	9.24		*	P	0.07	22.2	
17	08	64	22.0	JB	0007	37	12.6	76	41.1	8		4	23		*			07.0	N	24.48	N	9.48		*		*	22.2	
17	08	64	22.0	JB	0007	37	12.6	76	41.1	8		4	23		*			08.0						*	P	0.08	22.3	
17	08	64	22.5	JB	0007	37	12.6	76	41.1	8		4	23		*			00.0	N	24.48	N	7.12	D	09	P	0.23	22.8	
17	08	64	22.5	JB	0007	37	12.6	76	41.1	8		4	23		*			04.0	N	24.44	N	8.32	F	*	P	0.15	22.7	
17	08	64	22.5	JB	0007	37	12.6	76	41.1	8		4	23		*			06.0	N	24.52	N	8.96		*	P	0.24	22.7	
17	08	64	22.5	JB	0007	37	12.6	76	41.1	8		4	23		*			08.0	N	24.40	N	9.44		*	D	0.11	22.6	
17	08	64	23.0	JB	0007	37	12.6	76	41.1	8		5	23		*			00.0	N	24.52	N	7.08	D	07	P	0.30	23.0	
17	08	64	23.0	JB	0007	37	12.6	76	41.1	8		5	23		*			04.0	N	24.64	N	8.36	F	08	P	0.32	23.1	
17	08	64	23.0	JB	0007	37	12.6	76	41.1	8		5	23		*			06.0	N	24.44	N	9.08		*	P	0.35	23.2	
17	08	64	23.0	JB	0007	37	12.6	76	41.1	8		5	23		*			08.0	N	24.44	N	9.44		*		0.21	23.3	
17	08	64	23.5	JB	0007	37	12.6	76	41.1	8		6			*			00.0	N	24.36	N	6.68	D	07	P	0.50	23.7	
17	08	64	23.5	JB	0007	37	12.6	76	41.1	8		6			*			04.0	N	24.68	N	8.04	F	07	P	0.40	23.6	
17	08	64	23.5	JB	0007	37	12.6	76	41.1	8		6			*			08.0	N	24.44	N	9.00		*		0.29	23.5	
18	08	64	00.0	JB	0007	37	12.6	76	41.1	8		6	24		*			00.0	N	24.40	N	7.20	D	07	P	0.64	00.0	
18	08	64	00.0	JB	0007	37	12.6	76	41.1	8		6	24		*			04.0	N	24.48	N	8.00	F	07	P	0.45	00.1	
18	08	64	00.0	JB	0007	37	12.6	76	41.1	8		6	24		*			06.0	N	24.56	N	8.36		*	P	0.44	00.2	
18	08	64	00.0	JB	0007	37	12.6	76	41.1	8		6	24		*			08.0	N	24.44	N	8.40		*	P	0.30	00.3	
18	08	64	00.5	JB	0007	37	12.6	76	41.1	8		6			*			00.0	N	24.32	N	6.96	D	07	P	0.73	00.7	
18	08	64	00.5	JB	0007	37	12.6	76	41.1	8		6			*			04.0	N	24.36	N	7.32	F	08	P	0.60	00.6	
18	08	64	00.5	JB	0007	37	12.6	76	41.1	8		6			*			06.0	N	24.56	N	8.08		*	P	0.39	00.5	
18	08	64	00.5	JB	0007	37	12.6	76	41.1	8		6			*			08.0	N	24.48	N	8.68		*	P	0.34	00.5	
18	08	64	01.0	JB	0007	37	12.6	76	41.1	8		6	24		*			00.0	N	24.12	N	6.64	D	07	P	0.80	01.0	
18	08	64	01.0	JB	0007	37	12.6	76	41.1	8		6	24		*			04.0	N	24.24	N	7.68		*	P	0.60	01.0	
18	08	64	01.0	JB	0007	37	12.6	76	41.1	8		6	24		*			06.0	N	24.32	N	7.76		*	P	0.49	01.0	
18	08	64	01.0	JB	0007	37	12.6	76	41.1	8		6	24		*			08.0	N	24.36	N	7.80		*	P	0.36	01.0	
18	08	64	01.5	JB	0007	37	12.6	76	41.1	8		6			*			00.0	N	24.04	N	6.32	D	09	P	0.73	01.5	
18	08	64	01.5	JB	0007	37	12.6	76	41.1	8		6			*			04.0	N	24.32	N	7.32	F	09	P	0.64	01.5	
18	08	64	01.5	JB	0007	37	12.6	76	41.1	8		6			*			06.0	N	24.20	N	7.52		*	P	0.52	01.6	
18	08	64	01.5	JB	0007	37	12.6	76	41.1	8		6			*			08.0	N	24.16	N	7.64		*	P	0.41	01.8	
18	08	64	02.0	JB	0007	37	12.6	76	41.1	8		6	22		*			00.0	N	24.16	N	6.48	L	08	P	0.71	02.0	
18	08	64	02.0	JB	0007	37	12.6	76	41.1	8		6	22		*			04.0	N	24.16	N	6.80	F	08	P	0.64	02.0	
18	08	64	02.0	JB	0007	37	12.6	76	41.1	8		6	22		*			06.0	N	24.16	N	7.12		*	P	0.51	02.1	
18	08	64	02.0	JB	0007	37	12.6	76	41.1	8		6	22		*			08.0	N	24.36	N	7.32		*	P	0.42	02.1	
18	08	64	02.5	JB	0007	37	12.6	76	41.1	8		7			*			00.0	N	24.32	N	5.92	L	07	P	0.68	02.5	
18	08	64	02.5	JB	0007	37	12.6	76	41.1	8		7			*			04.0	N	24.40	N	6.72	F	10	P	0.50	02.5	
18	08	64	02.5	JB	0007	37	12.6	76	41.1	8		7			*			06.0	N	26.64	N	6.92		*	P	0.38	02.6	
18	08	64	02.5	JB	0007	37	12.6	76	41.1	8		7			*			08.0	N	24.00	N	7.20		*	P	0.26	02.6	
18	08	64	03.0	JB	0007	37	12.6	76	41.1	8		7	22		*			00.0	N	24.00	N	5.72	L	07	P	0.51	03.0	
18	08	64	03.0	JB	0007	37	12.6	76	41.1	8		7	22		*			04.0	N	24.36	N	6.64	F	11	P	0.32	03.0	
18	08	64	03.0	JB	0007	37	12.6	76	41.1	8		7	22		*			06.0	N	24.20	N	6.92		*	P	0.25	03.1	
18	08	64	03.0	JB	0007	37	12.6	76	41.1	8		7	22		*			07.0	N	24.04	N	7.12		*	P	*	03.2	
18	08	64	03.0	JB	0007	37	12.6	76	41.1	8		7	22		*			08.0						*	P	0.17	03.2	
18	08	64	03.5	JB	0007	37	12.6	76	41.1	8		7			*			00.0	N	24.36	N	6.04	L	06	P	0.40	03.5	
18	08	64	03.5	JB	0007	37	12.6	76	41.1	8		7			*			04.0	N	24.08	N	6.76	F	10	P	0.17	03.6	
18	08	64	03.5	JB	0007	37	12.6	76	41.1	8		7			*			06.0	N	24.16	N	7.04		*	P	0.06	03.6	
18	08	64	03.5	JB	0007	37	12.6	76	41.1	8		7			*			07.0	N	24.32	N	7.04		*	P	0.17	03.7	
18	08	64	03.5	JB	0007	37	12.6	76	41.1	8		7			*			08.0						*	P	0.08	03.8	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
18	08	64	04.0	JB	0007	37	12.6	76	41.1	8		7	22		*			00.0	N	24.28	N	5.96	L	05	P	0.23	04.0		
18	08	64	04.0	JB	0007	37	12.6	76	41.1	8		7	22		*			04.0	N	24.40	N	6.52	F	10	P	0.11	04.0		
18	08	64	04.0	JB	0007	37	12.6	76	41.1	8		7	22		*			06.0	N	24.16	N	6.96		*	P	0.07	04.1		
18	08	64	04.0	JB	0007	37	12.6	76	41.1	8		7	22		*			07.0	N	24.16	N	7.04		*		*	04.1		
18	08	64	04.0	JB	0007	37	12.6	76	41.1	8		7	22		*			08.0						*	P	0.11	04.2		
18	08	64	04.5	JB	0007	37	12.6	76	41.1	8		*			*			00.0	N	24.16	N	5.84	L	00	P	0.15	04.5		
18	08	64	04.5	JB	0007	37	12.6	76	41.1	8		*			*			04.0	N	24.20	N	6.42	F	10	P	0.03	04.5		
18	08	64	04.5	JB	0007	37	12.6	76	41.1	8		*			*			06.0	N	24.24	N	6.76		*	P	0.09	04.5		
18	08	64	04.5	JB	0007	37	12.6	76	41.1	8		*			*			07.0	N	24.16	N	6.88		*		*	04.6		
18	08	64	04.5	JB	0007	37	12.6	76	41.1	8		*			*			08.0						*	P	0.20	04.7		
18	08	64	05.0	JB	0007	37	12.6	76	41.1	8		1	22		*			00.0	N	24.24	N	5.84	L	30	P	0.17	05.0		
18	08	64	05.0	JB	0007	37	12.6	76	41.1	8		1	22		*			04.0	N	24.20	N	6.48	F	26	P	0.12	05.0		
18	08	64	05.0	JB	0007	37	12.6	76	41.1	8		1	22		*			06.0	N	24.24	N	6.92		*	P	0.26	05.0		
18	08	64	05.0	JB	0007	37	12.6	76	41.1	8		1	22		*			08.0	N	24.32	N	7.20		*	P	0.22	05.0		
17	08	64	14.5	LA	0007	37	09.2	76	38.2	12		7			*			00.0	J	25.36	R	6.94	D	20	T	0.25	14.6		
17	08	64	14.5	LA	0007	37	09.2	76	38.2	12		7			*			02.0	J	24.47	R	7.91		*	T	0.12	14.6		
17	08	64	14.5	LA	0007	37	09.2	76	38.2	12		7			*			04.0	J	24.47	R	8.99		*	T	0.08	14.6		
17	08	64	14.5	LA	0007	37	09.2	76	38.2	12		7			*			06.0	J	24.37	R	10.62	F	03	T	0.20	14.6		
17	08	64	14.5	LA	0007	37	09.2	76	38.2	12		7			*			08.0	J	24.34	R	10.71		*	T	0.21	14.6		
17	08	64	14.5	LA	0007	37	09.2	76	38.2	12		7			*			10.0	J	24.34	R	10.90		*	T	0.15	14.6		
17	08	64	14.5	LA	0007	37	09.2	76	38.2	12		7			*			12.0	J	24.27	R	11.15	F	33	T	0.30	14.6		
17	08	64	15.0	LA	0007	37	09.2	76	38.2	12		7	30		00			00.0	J	25.36	R	16.51	D	20	T	0.11	15.2		
17	08	64	15.0	LA	0007	37	09.2	76	38.2	12		7	30		00			02.0	J	24.51	R	16.58		*	T	0.04	15.2		
17	08	64	15.0	LA	0007	37	09.2	76	38.2	12		7	30		00			04.0	J	24.31	R	16.73		*	T	0.20	15.2		
17	08	64	15.0	LA	0007	37	09.2	76	38.2	12		7	30		00			06.0	J	24.37	R	17.38	F	03	T	0.21	15.2		
17	08	64	15.0	LA	0007	37	09.2	76	38.2	12		7	30		00			08.0	J	24.37	R	18.85		*	T	0.30	15.2		
17	08	64	15.0	LA	0007	37	09.2	76	38.2	12		7	30		00			10.0	J	24.31	R	17.99		*	T	0.24	15.2		
17	08	64	15.0	LA	0007	37	09.2	76	38.2	12		7	30		00			12.0	J	24.31	R	17.28	F	01	T	0.18	15.2		
17	08	64	15.5	LA	0007	37	09.2	76	38.2	11		8			*			00.0	J	25.29	R	15.99	D	36	T	0.00	15.6		
17	08	64	15.5	LA	0007	37	09.2	76	38.2	11		8			*			02.0	J	24.47	R	16.90		*	T	0.20	15.6		
17	08	64	15.5	LA	0007	37	09.2	76	38.2	11		8			*			04.0	J	24.37	R	17.18		*	T	0.41	15.6		
17	08	64	15.5	LA	0007	37	09.2	76	38.2	11		8			*			06.0	J	24.27	R	17.87	F	03	T	0.31	15.6		
17	08	64	15.5	LA	0007	37	09.2	76	38.2	11		8			*			08.0	J	24.34	R	17.67		*	T	0.30	15.6		
17	08	64	15.5	LA	0007	37	09.2	76	38.2	11		8			*			10.0	J	24.24	R	17.55		*	T	0.20	15.6		
17	08	64	15.5	LA	0007	37	09.2	76	38.2	11		8			*			11.0	J	24.31	R	17.44	F	03	T	0.20	15.6		
17	08	64	16.0	LA	0007	37	09.2	76	38.2	11		1	27		00	1.2		00.0	J	25.50	R	16.45	D	36	T	0.10	16.1		
17	08	64	16.0	LA	0007	37	09.2	76	38.2	11		1	27		00	1.2		02.0	J	24.85	R	17.02		*	T	0.42	16.1		
17	08	64	16.0	LA	0007	37	09.2	76	38.2	11		1	27		00	1.2		04.0	J	24.41	R	17.69		*	T	0.50	16.1		
17	08	64	16.0	LA	0007	37	09.2	76	38.2	11		1	27		00	1.2		06.0	J	24.34	R	17.78	F	03	T	0.36	16.1		
17	08	64	16.0	LA	0007	37	09.2	76	38.2	11		1	27		00	1.2		08.0	J	24.31	R	17.50		*	T	0.30	16.1		
17	08	64	16.0	LA	0007	37	09.2	76	38.2	11		1	27		00	1.2		10.0	J	23.97	R	18.50	F	03	T	0.26	16.1		
17	08	64	16.0	LA	0007	37	09.2	76	38.2	11		1	27		00	1.2		11.0			R	17.62		*		*	*		
17	08	64	16.5	LA	0007	37	09.2	76	38.2	11		1			*			00.0	J	24.75	R	16.95	D	01	T	0.50	16.6		
17	08	64	16.5	LA	0007	37	09.2	76	38.2	11		1			*			02.0	J	24.34	R	17.44		*	T	0.50	16.6		
17	08	64	16.5	LA	0007	37	09.2	76	38.2	11		1			*			04.0	J	24.17	R	16.63		*	T	0.30	16.6		
17	08	64	16.5	LA	0007	37	09.2	76	38.2	11		1			*			06.0	J	24.00	R	17.31	F	03	T	0.42	16.6		
17	08	64	16.5	LA	0007	37	09.2	76	38.2	11		1			*			08.0	J	24.10	R	17.09		*	T	0.35	16.6		
17	08	64	16.5	LA	0007	37	09.2	76	38.2	11		1			*			10.0	J	24.03	R	17.07	F	36	T	0.25	16.6		
17	08	64	16.5	LA	0007	37	09.2	76	38.2	11		1			*			12.0			R	17.73		*		*	*		
17	08	64	17.0	LA	0007	37	09.2	76	38.2	12		1	24	18	01	1.3		00.0	J	24.47	R	9.04	D	36	T	0.50	17.0		
17	08	64	17.0	LA	0007	37	09.2	76	38.2	12		1	24	18	01	1.3		02.0	J	24.47	R	9.45		*	T	0.50	17.0		
17	08	64	17.0	LA	0007	37	09.2	76	38.2	12		1	24	18	01	1.3		04.0	J	24.44	R	9.71		*	T	0.37	17.1		
17	08	64	17.0	LA	0007	37	09.2	76	38.2	12		1	24	18	01	1.3		06.0	J	24.31	R	10.65	F	03	T	0.32	17.1		
17	08	64	17.0	LA	0007	37	09.2	76	38.2	12		1	24	18	01	1.3		08.0	J	24.24	R	10.83		*	T	0.42	17.2		
17	08	64	17.0	LA	0007	37	09.2	76	38.2	12		1	24	18	01	1.3		10.0	J	24.27	R	10.88		*	T	0.39	17.2		
17	08	64	17.0	LA	0007	37	09.2	76	38.2	12		1	24	18	01	1.3		11.0	J	24.24			F	03	T	0.40	17.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
17	08	64	17.5	LA	0007	37	09.2	76	38.2	12		2			*			00.0	J	24.68	R	9.16	D	36	T	0.51	17.5	
17	08	64	17.5	LA	0007	37	09.2	76	38.2	12		2			*			02.0	J	24.51	R	9.78		*	T	0.54	17.5	
17	08	64	17.5	LA	0007	37	09.2	76	38.2	12		2			*			04.0	J	24.47	R	10.18		*	T	0.47	17.5	
17	08	64	17.5	LA	0007	37	09.2	76	38.2	12		2			*			06.0	J	24.27	R	10.86	F	30	T	0.41	17.5	
17	08	64	17.5	LA	0007	37	09.2	76	38.2	12		2			*			08.0	J	24.34	R	10.98		*	T	0.46	17.5	
17	08	64	17.5	LA	0007	37	09.2	76	38.2	12		2			*			10.0	J	24.34	R	11.08		*	T	0.45	17.6	
17	08	64	17.5	LA	0007	37	09.2	76	38.2	12		2			*			11.0	J	24.37	R	11.09	F	30	T	0.45	17.6	
17	08	64	18.0	LA	0007	37	09.2	76	38.2	11		2	24	13	02	1.2		00.0	J	24.51			D	36	T	0.51	18.0	
17	08	64	18.0	LA	0007	37	09.2	76	38.2	11		2	24	13	02	1.2		02.0	J	24.44	R	10.43		*	T	0.50	18.0	
17	08	64	18.0	LA	0007	37	09.2	76	38.2	11		2	24	13	02	1.2		04.0	J	24.44	R	10.53		*	T	0.49	18.0	
17	08	64	18.0	LA	0007	37	09.2	76	38.2	11		2	24	13	02	1.2		06.0	J	24.37	R	11.06	F	02	T	0.47	18.0	
17	08	64	18.0	LA	0007	37	09.2	76	38.2	11		2	24	13	02	1.2		08.0	J	23.57	R	11.06		*	T	0.40	18.0	
17	08	64	18.0	LA	0007	37	09.2	76	38.2	11		2	24	13	02	1.2		10.0	J	24.41	R	11.39		*	T	0.40	18.2	
17	08	64	18.0	LA	0007	37	09.2	76	38.2	11		2	24	13	02	1.2		11.0	J	24.37	R	11.39	F	02	T	0.45	18.2	
17	08	64	18.5	LA	0007	37	09.2	76	38.2	11		2			*			00.0	J	24.58	R	10.24	D	35	T	0.40	18.5	
17	08	64	18.5	LA	0007	37	09.2	76	38.2	11		2			*			02.0	J	24.54	R	10.44		*	T	0.48	18.5	
17	08	64	18.5	LA	0007	37	09.2	76	38.2	11		2			*			04.0	J	24.44	R	10.69		*	T	0.47	18.5	
17	08	64	18.5	LA	0007	37	09.2	76	38.2	11		2			*			06.0	J	24.44	R	11.41	F	20	T	0.45	18.6	
17	08	64	18.5	LA	0007	37	09.2	76	38.2	11		2			*			08.0	J	24.41	R	11.64		*	T	0.48	18.6	
17	08	64	18.5	LA	0007	37	09.2	76	38.2	11		2			*			10.0	J	24.37	R	11.66		*	T	0.46	18.6	
17	08	64	18.5	LA	0007	37	09.2	76	38.2	11		2			*			11.0	J	24.37	R	11.71	F	20	T	0.44	18.6	
17	08	64	19.0	LA	0007	37	09.2	76	38.2	11		3	23	13	00			00.0	J	24.54	R	10.92	D	01	T	0.39	19.0	
17	08	64	19.0	LA	0007	37	09.2	76	38.2	11		3	23	13	00			02.0	J	24.51	R	11.18		*	T	0.47	19.0	
17	08	64	19.0	LA	0007	37	09.2	76	38.2	11		3	23	13	00			04.0	J	24.37	R	12.03		*	T	0.49	19.1	
17	08	64	19.0	LA	0007	37	09.2	76	38.2	11		3	23	13	00			06.0	J	24.37	R	12.12	F	02	T	0.48	19.1	
17	08	64	19.0	LA	0007	37	09.2	76	38.2	11		3	23	13	00			08.0	J	24.24	R	12.16		*	T	0.42	19.2	
17	08	64	19.0	LA	0007	37	09.2	76	38.2	11		3	23	13	00			10.0	J	24.34	R	12.17		*		*	19.2	
17	08	64	19.0	LA	0007	37	09.2	76	38.2	11		3	23	13	00			11.0			R	12.18	F	02		*	19.2	
17	08	64	19.5	LA	0007	37	09.2	76	38.2	11		3			*			00.0	J	24.47	R	11.74	D	36	T	0.26	19.5	
17	08	64	19.5	LA	0007	37	09.2	76	38.2	11		3			*			02.0	J	24.47	R	11.50		*	T	0.32	19.5	
17	08	64	19.5	LA	0007	37	09.2	76	38.2	11		3			*			04.0	J	24.54	R	11.99		*	T	0.35	19.5	
17	08	64	19.5	LA	0007	37	09.2	76	38.2	11		3			*			06.0	J	23.90	R	12.07	F	03	T	0.28	19.5	
17	08	64	19.5	LA	0007	37	09.2	76	38.2	11		3			*			08.0	J	24.31	R	12.19		*	T	0.30	19.5	
17	08	64	19.5	LA	0007	37	09.2	76	38.2	11		3			*			10.0	J	24.31	R	12.31		*	T	0.29	19.6	
17	08	64	19.5	LA	0007	37	09.2	76	38.2	11		3			*			11.0	J	24.27	R	12.37	F	03	T	0.39	19.6	
17	08	64	20.0	LA	0007	37	09.2	76	38.2	11		3	23	13	01			00.0	J	24.37	R	11.34	D	35	T	0.36	20.0	
17	08	64	20.0	LA	0007	37	09.2	76	38.2	11		3	23	13	01			02.0	J	24.44	R	11.70		*	T	0.26	20.0	
17	08	64	20.0	LA	0007	37	09.2	76	38.2	11		3	23	13	01			04.0	J	24.24	R	11.84		*	T	0.19	20.0	
17	08	64	20.0	LA	0007	37	09.2	76	38.2	11		3	23	13	01			06.0	J	23.40	R	12.04	F	02	T	0.25	20.1	
17	08	64	20.0	LA	0007	37	09.2	76	38.2	11		3	23	13	01			08.0	J	24.34	R	12.23		*	T	0.30	20.1	
17	08	64	20.0	LA	0007	37	09.2	76	38.2	11		3	23	13	01			10.0	J	23.97	R	12.43		*	T	0.30	20.1	
17	08	64	20.0	LA	0007	37	09.2	76	38.2	11		3	23	13	01			11.0	J	24.31	R	12.48	F	02	T	0.26	20.1	
17	08	64	20.5	LA	0007	37	09.2	76	38.2	11		3			*			00.0	J	24.34	R	10.19	D	29	T	0.19	20.5	
17	08	64	20.5	LA	0007	37	09.2	76	38.2	11		3			*			02.0	J	24.47	R	11.08		*	T	0.19	20.5	
17	08	64	20.5	LA	0007	37	09.2	76	38.2	11		3			*			04.0	J	24.37	R	11.83		*	T	0.25	20.5	
17	08	64	20.5	LA	0007	37	09.2	76	38.2	11		3			*			06.0	J	24.34	R	12.40	F	02	T	0.27	20.5	
17	08	64	20.5	LA	0007	37	09.2	76	38.2	11		3			*			08.0	J	24.34	R	12.56		*	T	0.25	20.6	
17	08	64	20.5	LA	0007	37	09.2	76	38.2	11		3			*			10.0	J	24.31	R	12.69		*	T	0.30	20.6	
17	08	64	20.5	LA	0007	37	09.2	76	38.2	11		3			*			11.0	J	24.24	R	12.77	F	02	T	0.21	20.6	
17	08	64	21.0	LA	0007	37	09.2	76	38.2	12		4	23	16	02			00.0	J	24.34	R	9.86	D	27	T	0.12	21.0	
17	08	64	21.0	LA	0007	37	09.2	76	38.2	12		4	23	16	02			02.0	J	24.58	R	9.78		*	T	0.04	21.0	
17	08	64	21.0	LA	0007	37	09.2	76	38.2	12		4	23	16	02			04.0	J	24.44	R	11.76		*	T	0.11	21.0	
17	08	64	21.0	LA	0007	37	09.2	76	38.2	12		4	23	16	02			06.0	J	24.37	R	12.24	F	10	T	0.17	21.0	
17	08	64	21.0	LA	0007	37	09.2	76	38.2	12		4	23	16	02			08.0	J	24.31	R	12.48		*	T	0.10	21.0	
17	08	64	21.0	LA	0007	37	09.2	76	38.2	12		4	23	16	02			10.0	J	24.31	R	12.65		*	T	0.07	21.1	
17	08	64	21.0	LA	0007	37	09.2	76	38.2	12		4	23	16	02			11.0	J	24.31	R	12.77	F	10	T	0.08	21.1	
17	08	64	21.5	LA	0007	37	09.2	76	38.2	11		4			*			00.0	J	23.17	R	9.08	D	24	T	0.12	21.5	
17	08	64	21.5	LA	0007	37	09.2	76	38.2	11		4			*			02.0	J	24.44	R	9.07		*	T	0.11	21.5	
17	08	64	21.5	LA	0007	37	09.2	76	38.2	11		4			*			04.0	J	24.34	R	9.35		*	T	0.09	21.5	
17	08	64	21.5	LA	0007	37	09.2	76	38.2	11		4			*			06.0	J	24.24	R	11.22	F	00	T	0.05	21.6	
17	08	64	21.5	LA	0007	37	09.2	76	38.2	11		4			*			08.0	J	24.34	R	12.41		*	T	0.05	21.6	
17	08	64	21.5	LA	0007	37	09.2	76	38.2	11		4			*			10.0	J	24.31	R	12.63		*	T	0.07	21.6	
17	08	64	21.5	LA	0007	37	09.2	76	38.2	11		4			*			11.0	J	24.31	R	12.67	F	00	T	0.10	21.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIR'N INSTR.	DIR'N CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
17	08	64	22.0	LA	0007	37	09.2	76	38.2	12		4	23		00			00.0	J	23.37	R	9.37	D	21	T	0.30	22.0		
17	08	64	22.0	LA	0007	37	09.2	76	38.2	12		4	23		00			02.0	J	23.50	R	10.21		*	T	0.21	22.0		
17	08	64	22.0	LA	0007	37	09.2	76	38.2	12		4	23		00			04.0	J	23.50	R	11.24		*	T	0.15	22.0		
17	08	64	22.0	LA	0007	37	09.2	76	38.2	12		4	23		00			06.0	J	23.13	R	12.35	F	00	T	0.11	22.1		
17	08	64	22.0	LA	0007	37	09.2	76	38.2	12		4	23		00			08.0	J	23.23	R	12.40		*	T	0.05	22.1		
17	08	64	22.0	LA	0007	37	09.2	76	38.2	12		4	23		00			10.0	J	23.27	R	12.40		*	T	0.00	22.1		
17	08	64	22.0	LA	0007	37	09.2	76	38.2	12		4	23		00			11.0	J	23.37	R	12.44	F	18	T	0.00	22.1		
17	08	64	22.5	LA	0007	37	09.2	76	38.2	11		5			*			00.0	J	23.43	R	9.70	D	20	T	0.00	22.8		
17	08	64	22.5	LA	0007	37	09.2	76	38.2	11		5			*			02.0	J	23.46	R	10.48		*	T	0.00	22.8		
17	08	64	22.5	LA	0007	37	09.2	76	38.2	11		5			*			04.0	J	23.46	R	10.97		*	T	0.00	22.8		
17	08	64	22.5	LA	0007	37	09.2	76	38.2	11		5			*			06.0	J	23.53	R	12.10	F	20	T	0.22	22.8		
17	08	64	22.5	LA	0007	37	09.2	76	38.2	11		5			*			08.0	J	23.53	R	12.30		*	T	0.21	22.8		
17	08	64	22.5	LA	0007	37	09.2	76	38.2	11		5			*			10.0	J	23.53	R	12.30		*	T	0.25	22.8		
17	08	64	22.5	LA	0007	37	09.2	76	38.2	11		5			*			11.0	J	23.13	R	12.29	F	24	T	0.26	22.8		
17	08	64	23.0	LA	0007	37	09.2	76	38.2	11		5	29	25	02			00.0	J	23.13	R	9.44	D	18	T	0.42	23.2		
17	08	64	23.0	LA	0007	37	09.2	76	38.2	11		5	29	25	02			02.0	J	23.23	R	9.49		*	T	0.48	23.2		
17	08	64	23.0	LA	0007	37	09.2	76	38.2	11		5	29	25	02			04.0	J	22.97	R	10.91		*	T	0.50	23.2		
17	08	64	23.0	LA	0007	37	09.2	76	38.2	11		5	29	25	02			06.0	J	23.30	R	11.89	F	20	T	0.38	23.2		
17	08	64	23.0	LA	0007	37	09.2	76	38.2	11		5	29	25	02			08.0	J	23.37	R	12.06		*	T	0.32	23.2		
17	08	64	23.0	LA	0007	37	09.2	76	38.2	11		5	29	25	02			10.0	J	23.37	R	12.07		*	T	0.40	23.2		
17	08	64	23.0	LA	0007	37	09.2	76	38.2	11		5	29	25	02			11.0	J	23.37	R	12.11	F	24	T	0.42	23.2		
17	08	64	23.5	LA	0007	37	09.2	76	38.2	11		5			*			00.0	J	23.37	R	9.57	D	18	T	0.51	23.6		
17	08	64	23.5	LA	0007	37	09.2	76	38.2	11		5			*			02.0	J	23.53	R	9.92		*	T	0.50	23.6		
17	08	64	23.5	LA	0007	37	09.2	76	38.2	11		5			*			04.0	J	23.57	R	11.17		*	T	0.50	23.6		
17	08	64	23.5	LA	0007	37	09.2	76	38.2	11		5			*			05.0	J	23.57	R	11.44	F	20	T	0.38	23.6		
17	08	64	23.5	LA	0007	37	09.2	76	38.2	11		5			*			08.0	J	23.57	R	11.47		*	T	0.40	23.6		
17	08	64	23.5	LA	0007	37	09.2	76	38.2	11		5			*			10.0	J	23.57	R	11.47		*	T	0.37	23.6		
17	08	64	23.5	LA	0007	37	09.2	76	38.2	11		5			*			11.0	J	23.23	R	11.62	F	20	T	0.37	23.6		
18	08	64	00.0	LA	0007	37	09.2	76	38.2	11		5	22	25	01			00.0	J	22.70	R	9.67	D	18	T	0.50	00.0		
18	08	64	00.0	LA	0007	37	09.2	76	38.2	11		5	22	25	01			02.0	J	24.20	R	9.65		*	T	0.50	00.0		
18	08	64	00.0	LA	0007	37	09.2	76	38.2	11		5	22	25	01			04.0	J	24.17	R	9.67		*	T	0.50	00.0		
18	08	64	00.0	LA	0007	37	09.2	76	38.2	11		5	22	25	01			06.0	J	24.27	R	10.99	F	21	T	0.50	00.1		
18	08	64	00.0	LA	0007	37	09.2	76	38.2	11		5	22	25	01			08.0	J	24.27	R	11.04		*	T	0.50	00.1		
18	08	64	00.0	LA	0007	37	09.2	76	38.2	11		5	22	25	01			10.0	J	23.27	R	11.05		*	T	0.51	00.1		
18	08	64	00.0	LA	0007	37	09.2	76	38.2	11		5	22	25	01			11.0	J	24.27	R	11.13	F	21	T	0.50	00.1		
18	08	64	00.5	LA	0007	37	09.2	76	38.2	12		6			*			00.0	J	24.20	R	9.02	D	19	T	0.47	00.7		
18	08	64	00.5	LA	0007	37	09.2	76	38.2	12		6			*			02.0	J	24.03	R	9.71		*	T	0.52	00.7		
18	08	64	00.5	LA	0007	37	09.2	76	38.2	12		6			*			04.0	J	24.31	R	10.84		*	T	0.62	00.7		
18	08	64	00.5	LA	0007	37	09.2	76	38.2	12		6			*			06.0	J	24.37	R	11.02	F	21	T	0.50	00.7		
18	08	64	00.5	LA	0007	37	09.2	76	38.2	12		6			*			08.0	J	24.37	R	11.10		*	T	0.50	00.7		
18	08	64	00.5	LA	0007	37	09.2	76	38.2	12		6			*			10.0	J	24.31	R	11.08		*	T	0.50	00.7		
18	08	64	00.5	LA	0007	37	09.2	76	38.2	12		6			*			12.0	J	24.37	R	11.09	F	21	T	0.31	00.7		
18	08	64	01.0	LA	0007	37	09.2	76	38.2	12		6	22		00			00.0	J	23.63	R	8.88	D	18	T	0.36	01.2		
18	08	64	01.0	LA	0007	37	09.2	76	38.2	12		6	22		00			02.0	J	24.20	R	9.72		*	T	0.37	01.2		
18	08	64	01.0	LA	0007	37	09.2	76	38.2	12		6	22		00			04.0	J	24.17	R	10.42		*	T	0.34	01.2		
18	08	64	01.0	LA	0007	37	09.2	76	38.2	12		6	22		00			06.0	J	23.63	R	10.75	F	21	T	0.50	01.2		
18	08	64	01.0	LA	0007	37	09.2	76	38.2	12		6	22		00			08.0	J	24.37	R	10.86		*	T	0.23	01.2		
18	08	64	01.0	LA	0007	37	09.2	76	38.2	12		6	22		00			10.0	J	23.50	R	11.26		*	T	0.23	01.2		
18	08	64	01.0	LA	0007	37	09.2	76	38.2	12		6	22		00			12.0	J	24.34	R	11.35	F	21	T	0.30	01.2		
18	08	64	01.5	LA	0007	37	09.2	76	38.2	12		6			*			00.0	J	24.20	R	9.01	D	18	T	0.35	01.7		
18	08	64	01.5	LA	0007	37	09.2	76	38.2	12		6			*			02.0	J	24.24	R	9.14		*	T	0.30	01.7		
18	08	64	01.5	LA	0007	37	09.2	76	38.2	12		6			*			04.0	J	24.17	R	9.38		*	T	0.32	01.7		
18	08	64	01.5	LA	0007	37	09.2	76	38.2	12		6			*			06.0	J	24.27	R	9.53	F	21	T	0.40	01.7		
18	08	64	01.5	LA	0007	37	09.2	76	38.2	12		6			*			08.0	J	24.31	R	9.69		*	T	0.58	01.7		
18	08	64	01.5	LA	0007	37	09.2	76	38.2	12		6			*			10.0	J	23.67	R	9.94		*	T	0.49	01.7		
18	08	64	01.5	LA	0007	37	09.2	76	38.2	12		6			*			12.0	J	24.37	R	10.18	F	21	T	0.43	01.7		
18	08	64	02.0	LA	0007	37	09.2	76	38.2	12		7	22	25	01			00.0	J	24.07	R	8.07	D	18	T	0.38	02.2		
18	08	64	02.0	LA	0007	37	09.2	76	38.2	12		7	22	25	01			02.0	J	24.27	R	8.51		*	T	0.36	02.2		
18	08	64	02.0	LA	0007	37	09.2	76	38.2	12		7	22	25	01			04.0	J	24.20	R	8.92		*	T	0.65	02.2		
18	08	64	02.0	LA	0007	37	09.2	76	38.2	12		7	22	25	01			06.0	J	24.20	R	9.31	F	21	T	0.51	02.2		
18	08	64	02.0	LA	0007	37	09.2	76	38.2	12		7	22	25	01			08.0	J	23.73	R	9.64		*	T	0.50	02.2		
18	08	64	02.0	LA	0007	37	09.2	76	38.2	12		7	22	25	01			10.0	J	22.17	R	9.77		*	T	0.50	02.2		
18	08	64	02.0	LA	0007	37	09.2	76	38.2	12		7	22	25	01			12.0	J	23.17	R	9.90	F	21	T	0.50	02.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
18	08	64	02.5	LA	0007	37	09.2	76	38.2	12	7			*		00.0	J	23.46	R	8.34	D	18	T	0.68	02.7
18	08	64	02.5	LA	0007	37	09.2	76	38.2	12	7			*		02.0	J	22.53	R	8.41		*	T	0.50	02.7
18	08	64	02.5	LA	0007	37	09.2	76	38.2	12	7			*		04.0	J	23.17	R	8.74		*	T	0.48	02.7
18	08	64	02.5	LA	0007	37	09.2	76	38.2	12	7			*		06.0	J	23.33	R	8.86	F	21	T	0.36	02.7
18	08	64	02.5	LA	0007	37	09.2	76	38.2	12	7			*		08.0	J	23.43	R	9.67		*	T	0.36	02.7
18	08	64	02.5	LA	0007	37	09.2	76	38.2	12	7			*		10.0	J	23.50	R	10.33		*	T	0.39	02.7
18	08	64	02.5	LA	0007	37	09.2	76	38.2	12	7			*		12.0	J	22.53	R	10.58	F	21	T	0.30	02.7
18	08	64	03.0	LA	0007	37	09.2	76	38.2	12	7	22	25	00		00.0	J	24.24	R	8.22	D	18	T	0.50	03.0
18	08	64	03.0	LA	0007	37	09.2	76	38.2	12	7	22	25	00		02.0	J	24.37	R	8.40		*	T	0.40	03.0
18	08	64	03.0	LA	0007	37	09.2	76	38.2	12	7	22	25	00		04.0	J	24.34	R	8.58		*	T	0.36	03.0
18	08	64	03.0	LA	0007	37	09.2	76	38.2	12	7	22	25	00		06.0	J	24.27	R	8.68	F	21	T	0.10	03.0
18	08	64	03.0	LA	0007	37	09.2	76	38.2	12	7	22	25	00		08.0	J	24.03	R	9.02		*	T	0.22	03.1
18	08	64	03.0	LA	0007	37	09.2	76	38.2	12	7	22	25	00		10.0	J	24.34	R	9.68		*	T	0.16	03.1
18	08	64	03.0	LA	0007	37	09.2	76	38.2	12	7	22	25	00		11.0	J	24.34	R	10.33	F	21	T	0.16	03.1
18	08	64	03.5	LA	0007	37	09.2	76	38.2	12	7			*		00.0	J	24.24	R	8.16	D	18	T	0.43	03.5
18	08	64	03.5	LA	0007	37	09.2	76	38.2	12	7			*		02.0	J	24.37	R	8.34		*	T	0.25	03.5
18	08	64	03.5	LA	0007	37	09.2	76	38.2	12	7			*		04.0	J	24.34	R	8.67		*	T	0.22	03.5
18	08	64	03.5	LA	0007	37	09.2	76	38.2	12	7			*		06.0	J	24.31	R	8.71	F	20	T	0.05	03.5
18	08	64	03.5	LA	0007	37	09.2	76	38.2	12	7			*		08.0	J	24.41	R	9.05		*	T	0.12	03.5
18	08	64	03.5	LA	0007	37	09.2	76	38.2	12	7			*		10.0	J	24.31	R	9.34		*	T	0.07	03.6
18	08	64	03.5	LA	0007	37	09.2	76	38.2	12	7			*		12.0	J	24.31	R	10.17	F	20	T	0.06	03.6
18	08	64	04.0	LA	0007	37	09.2	76	38.2	12	7	21	22	01		00.0	J	24.17	R	8.04	D	18	T	0.30	04.0
18	08	64	04.0	LA	0007	37	09.2	76	38.2	12	7	21	22	01		02.0	J	24.37	R	8.43		*	T	0.27	04.0
18	08	64	04.0	LA	0007	37	09.2	76	38.2	12	7	21	22	01		04.0	J	24.37	R	8.51		*	T	0.16	04.0
18	08	64	04.0	LA	0007	37	09.2	76	38.2	12	7	21	22	01		06.0	J	24.34	R	8.97	F	00	T	0.04	04.0
18	08	64	04.0	LA	0007	37	09.2	76	38.2	12	7	21	22	01		08.0	J	24.34	R	9.96		*	T	0.07	04.1
18	08	64	04.0	LA	0007	37	09.2	76	38.2	12	7	21	22	01		10.0	J	24.34	R	10.75		*	T	0.20	04.1
18	08	64	04.0	LA	0007	37	09.2	76	38.2	12	7	21	22	01		12.0	J	24.34	R	11.05	F	20	T	0.22	04.1
18	08	64	04.5	LA	0007	37	09.2	76	38.2	12	8			*		00.0	J	24.14	R	7.89	D	21	T	0.16	04.5
18	08	64	04.5	LA	0007	37	09.2	76	38.2	12	8			*		02.0	J	24.41	R	8.03		*	T	0.12	04.5
18	08	64	04.5	LA	0007	37	09.2	76	38.2	12	8			*		04.0	J	24.37	R	8.43		*	T	0.03	04.5
18	08	64	04.5	LA	0007	37	09.2	76	38.2	12	8			*		06.0	J	24.34	R	9.76	F	00	T	0.12	04.5
18	08	64	04.5	LA	0007	37	09.2	76	38.2	12	8			*		08.0	J	24.34	R	10.59		*	T	0.17	04.6
18	08	64	04.5	LA	0007	37	09.2	76	38.2	12	8			*		10.0	J	24.34	R	10.71		*	T	0.21	04.6
18	08	64	04.5	LA	0007	37	09.2	76	38.2	12	8			*		12.0	J	24.31	R	11.10	F	20	T	0.22	04.6
18	08	64	05.0	LA	0007	37	09.2	76	38.2	12	1	21		00		00.0	J	23.80	R	8.18	D	35	T	0.02	05.0
18	08	64	05.0	LA	0007	37	09.2	76	38.2	12	1	21		00		02.0	J	24.37	R	8.47		*	T	0.01	05.0
18	08	64	05.0	LA	0007	37	09.2	76	38.2	12	1	21		00		04.0	J	24.27	R	9.66		*	T	0.22	05.0
18	08	64	05.0	LA	0007	37	09.2	76	38.2	12	1	21		00		06.0	J	24.31	R	10.29	F	02	T	0.37	05.0
18	08	64	05.0	LA	0007	37	09.2	76	38.2	12	1	21		00		08.0	J	24.34	R	10.46		*	T	0.22	05.1
18	08	64	05.0	LA	0007	37	09.2	76	38.2	12	1	21		00		10.0	J	24.34	R	10.67		*	T	0.23	05.1
18	08	64	05.0	LA	0007	37	09.2	76	38.2	12	1	21		00		12.0	J	24.34	R	11.15	F	03	T	0.18	05.2
18	08	64	05.5	LA	0007	37	09.2	76	38.2	12	1			*		00.0	J	24.03	R	8.17	D	36	T	0.10	05.5
18	08	64	05.5	LA	0007	37	09.2	76	38.2	12	1			*		02.0	J	24.24	R	8.55		*	T	0.23	05.5
18	08	64	05.5	LA	0007	37	09.2	76	38.2	12	1			*		04.0	J	24.17	R	9.90		*	T	0.41	05.5
18	08	64	05.5	LA	0007	37	09.2	76	38.2	12	1			*		06.0	J	24.27	R	10.28	F	10	T	0.29	05.6
18	08	64	05.5	LA	0007	37	09.2	76	38.2	12	1			*		08.0	J	24.34	R	10.64		*	T	0.15	05.6
18	08	64	05.5	LA	0007	37	09.2	76	38.2	12	1			*		10.0	J	24.34	R	11.07		*	T	0.15	05.6
18	08	64	05.5	LA	0007	37	09.2	76	38.2	12	1			*		12.0	J	24.31	R	11.15	F	31	T	0.13	05.6

Cruise 0008

Stations:

31
30
32
33
34
35

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
20	08	64	18.0	LA	0008	37	19.0	77	13.5	*5	8	28	15	00	0.1	00.0	T	26.70	1		D	05	T	0.07	18.0
20	08	64	18.0	LA	0008	37	19.0	77	13.5	*5	8	28	15	00	0.1	02.0			1		F	06	T	0.07	18.0
20	08	64	18.0	LA	0008	37	19.0	77	13.5	*5	8	28	15	00	0.1	04.0			1		F	06	T	0.12	18.0
20	08	64	18.0	LA	0008	37	19.0	77	13.5	*5	8	28	15	00	0.1	04.0			1			*	T	0.08	18.0
20	08	64	18.5	LA	0008	37	19.0	77	13.5	5	8			*		00.0	T	26.50	1		D	05	T	0.04	18.5
20	08	64	18.5	LA	0008	37	19.0	77	13.5	5	8			*		02.0			1		F	06	T	0.04	18.5
20	08	64	18.5	LA	0008	37	19.0	77	13.5	5	8			*		04.0			1		F	06	T	0.04	18.5
20	08	64	18.5	LA	0008	37	19.0	77	13.5	5	8			*		05.0			1			*	T	0.05	18.5
20	08	64	19.0	LA	0008	37	19.0	77	13.5	*5	8	26	16	01		00.0	T	26.50	1		D	05	T	0.03	19.0
20	08	64	19.0	LA	0008	37	19.0	77	13.5	*5	8	26	16	01		02.0			1		F	06	T	0.04	19.0
20	08	64	19.0	LA	0008	37	19.0	77	13.5	*5	8	26	16	01		04.0			1		F	06	T	0.06	19.0
20	08	64	19.0	LA	0008	37	19.0	77	13.5	*5	8	26	16	01		05.0			1			*	T	0.03	19.0
20	08	64	19.5	LA	0008	37	19.0	77	13.5	5	8			*		00.0	T	26.60	1		D	00	T	0.00	19.5
20	08	64	19.5	LA	0008	37	19.0	77	13.5	5	8			*		02.0			1		F	00	T	0.04	19.5
20	08	64	19.5	LA	0008	37	19.0	77	13.5	5	8			*		04.0			1		F	00	T	0.00	19.5
20	08	64	19.5	LA	0008	37	19.0	77	13.5	5	8			*		05.0			1			*	T	0.02	19.5
20	08	64	20.0	LA	0008	37	19.0	77	13.5	*5	1	24	16	01		00.0	T	26.20	1		D	25	T	0.10	20.0
20	08	64	20.0	LA	0008	37	19.0	77	13.5	*5	1	24	16	01		02.0			1		F	25	T	0.13	20.0
20	08	64	20.0	LA	0008	37	19.0	77	13.5	*5	1	24	16	01		04.0			1		F	25	T	0.12	20.1
20	08	64	20.0	LA	0008	37	19.0	77	13.5	*5	1	24	16	01		05.0			1			*	T	0.03	20.1
20	08	64	20.5	LA	0008	37	19.0	77	13.5	5	1			*		00.0	T	26.30	1		D	25	T	0.22	20.5
20	08	64	20.5	LA	0008	37	19.0	77	13.5	5	1			*		02.0			1		F	25	T	0.29	20.5
20	08	64	20.5	LA	0008	37	19.0	77	13.5	5	1			*		04.0			1		F	25	T	0.23	20.5
20	08	64	20.5	LA	0008	37	19.0	77	13.5	5	1			*		05.0			1			*	T	0.20	20.5
20	08	64	21.0	LA	0008	37	19.0	77	13.5	*5	2	23	16	00		00.0	T	26.20	1		D	25	T	0.48	21.0
20	08	64	21.0	LA	0008	37	19.0	77	13.5	*5	2	23	16	00		02.0			1		F	25	T	0.48	21.0
20	08	64	21.0	LA	0008	37	19.0	77	13.5	*5	2	23	16	00		04.0			1		F	25	T	0.44	21.0
20	08	64	21.0	LA	0008	37	19.0	77	13.5	*5	2	23	16	00		05.0			1			*	T	0.31	21.0
20	08	64	21.5	LA	0008	37	19.0	77	13.5	5	2			*		00.0	T	26.20	1		D	25	T	0.51	21.5
20	08	64	21.5	LA	0008	37	19.0	77	13.5	5	2			*		02.0			1		F	25	T	0.51	21.5
20	08	64	21.5	LA	0008	37	19.0	77	13.5	5	2			*		04.0			1		F	25	T	0.52	21.5
20	08	64	21.5	LA	0008	37	19.0	77	13.5	5	2			*		05.0			1			*	T	0.48	21.6
20	08	64	22.0	LA	0008	37	19.0	77	13.5	*5	2	23	18	02		00.0	T	26.10	1		D	24	T	0.49	22.0
20	08	64	22.0	LA	0008	37	19.0	77	13.5	*5	2	23	18	02		02.0			1		F	26	T	0.46	22.0
20	08	64	22.0	LA	0008	37	19.0	77	13.5	*5	2	23	18	02		04.0					F	26	T	0.37	22.1
20	08	64	22.0	LA	0008	37	19.0	77	13.5	*5	2	23	18	02		05.0						*	T	0.45	22.1
20	08	64	22.5	LA	0008	37	19.0	77	13.5	5	2			*		00.0	T	26.10	1		D	24	T	0.52	22.5
20	08	64	22.5	LA	0008	37	19.0	77	13.5	5	2			*		02.0			1		F	25	T	0.51	22.5
20	08	64	22.5	LA	0008	37	19.0	77	13.5	5	2			*		04.0			1		F	24	T	0.50	22.5
20	08	64	22.5	LA	0008	37	19.0	77	13.5	5	2			*		05.0			1			*	T	0.50	22.5
20	08	64	23.0	LA	0008	37	19.0	77	13.5	*5	2	24	16	04		00.0	T	26.00	1		D	24	T	0.51	23.0
20	08	64	23.0	LA	0008	37	19.0	77	13.5	*5	2	24	16	04		02.0			1		F	25	T	0.52	23.0
20	08	64	23.0	LA	0008	37	19.0	77	13.5	*5	2	24	16	04		04.0			1		F	25	T	0.43	23.0
20	08	64	23.0	LA	0008	37	19.0	77	13.5	*5	2	24	16	04		05.0			1			*	T	0.48	23.0
20	08	64	23.5	LA	0008	37	19.0	77	13.5	5	2			*		00.0	T	26.00	1		D	24	T	0.60	23.5
20	08	64	23.5	LA	0008	37	19.0	77	13.5	5	2			*		02.0			1		F	25	T	0.50	23.5
20	08	64	23.5	LA	0008	37	19.0	77	13.5	5	2			*		04.0			1		F	24	T	0.50	23.5
20	08	64	23.5	LA	0008	37	19.0	77	13.5	5	2			*		05.0			1			*	T	0.49	23.5
21	08	64	00.0	LA	0008	37	19.0	77	13.5	*5	2	23	14	00		00.0	T	25.70	1		D	24	T	0.50	00.0
21	08	64	00.0	LA	0008	37	19.0	77	13.5	*5	2	23	14	00		02.0			1		F	24	T	0.50	00.0
21	08	64	00.0	LA	0008	37	19.0	77	13.5	*5	2	23	14	00		04.0			1		F	24	T	0.45	00.0
21	08	64	00.0	LA	0008	37	19.0	77	13.5	*5	2	23	14	00		05.0			1			*	T	0.47	00.1

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC		
21	08	64	00.5	LA	0008	37	19.0	77	13.5	5		3			*			00.0	T	25.50		1	D	24	T	0.45	00.5	
21	08	64	00.5	LA	0008	37	19.0	77	13.5	5		3			*			02.0				1	F	25	T	0.42	00.5	
21	08	64	00.5	LA	0008	37	19.0	77	13.5	5		3			*			04.0				1	F	24	T	0.47	00.5	
21	08	64	00.5	LA	0008	37	19.0	77	13.5	5		3			*			05.0				1		*	T	0.45	00.6	
21	08	64	01.0	LA	0008	37	19.0	77	13.5	*5		3	22	14	00			00.0	T	25.70		1	D	23	T	0.34	01.0	
21	08	64	01.0	LA	0008	37	19.0	77	13.5	*5		3	22	14	00			02.0				1	F	24	T	0.32	01.0	
21	08	64	01.0	LA	0008	37	19.0	77	13.5	*5		3	22	14	00			04.0				1	F	23	T	0.32	01.0	
21	08	64	01.0	LA	0008	37	19.0	77	13.5	*5		3	22	14	00			05.0				1		*	T	0.25	01.1	
21	08	64	01.5	LA	0008	37	19.0	77	13.5	5		3			*			00.0	T	25.60		1	D	23	T	0.33	01.5	
21	08	64	01.5	LA	0008	37	19.0	77	13.5	5		3			*			02.0				1	F	24	T	0.35	01.5	
21	08	64	01.5	LA	0008	37	19.0	77	13.5	5		3			*			04.0				1	F	23	T	0.37	01.5	
21	08	64	01.5	LA	0008	37	19.0	77	13.5	5		3			*			05.0				1		*	T	0.32	01.6	
21	08	64	02.0	LA	0008	37	19.0	77	13.5	*5		3	22	19	01			00.0	T	25.50		1	D	24	T	0.17	02.0	
21	08	64	02.0	LA	0008	37	19.0	77	13.5	*5		3	22	19	01			02.0				1	F	24	T	0.17	02.0	
21	08	64	02.0	LA	0008	37	19.0	77	13.5	*5		3	22	19	01			04.0				1	F	24	T	0.17	02.0	
21	08	64	02.0	LA	0008	37	19.0	77	13.5	*5		3	22	19	01			05.0				1		*	T	0.16	02.1	
21	08	64	02.5	LA	0008	37	19.0	77	13.5	5		4			*			00.0	T	25.60		1	D	24	T	0.05	02.5	
21	08	64	02.5	LA	0008	37	19.0	77	13.5	5		4			*			02.0				1	F	00	T	0.06	02.5	
21	08	64	02.5	LA	0008	37	19.0	77	13.5	5		4			*			04.0				1	F	00	T	0.07	02.5	
21	08	64	02.5	LA	0008	37	19.0	77	13.5	5		4			*			05.0				1		*	T	0.05	02.6	
21	08	64	03.0	LA	0008	37	19.0	77	13.5	*5		5	23	23	01			00.0	T	25.50		1	D	06	T	0.25	03.0	
21	08	64	03.0	LA	0008	37	19.0	77	13.5	*5		5	23	23	01			02.0				1	F	06	T	0.25	03.0	
21	08	64	03.0	LA	0008	37	19.0	77	13.5	*5		5	23	23	01			04.0				1	F	06	T	0.15	03.0	
21	08	64	03.0	LA	0008	37	19.0	77	13.5	*5		5	23	23	01			05.0				1		*	T	0.15	03.1	
21	08	64	03.5	LA	0008	37	19.0	77	13.5	5		5			*			00.0	T	25.50		1	D	06	T	0.39	03.5	
21	08	64	03.5	LA	0008	37	19.0	77	13.5	5		5			*			02.0				1	F	06	T	0.41	03.5	
21	08	64	03.5	LA	0008	37	19.0	77	13.5	5		5			*			04.0				1	F	06	T	0.40	03.5	
21	08	64	03.5	LA	0008	37	19.0	77	13.5	5		5			*			05.0				1		*	T	0.35	03.6	
21	08	64	04.0	LA	0008	37	19.0	77	13.5	*5		5	23	24	01			00.0	T	25.00		1	D	06	T	0.45	04.0	
21	08	64	04.0	LA	0008	37	19.0	77	13.5	*5		5	23	24	01			02.0				1	F	07	T	0.42	04.0	
21	08	64	04.0	LA	0008	37	19.0	77	13.5	*5		5	23	24	01			04.0				1	F	07	T	0.42	04.0	
21	08	64	04.0	LA	0008	37	19.0	77	13.5	*5		5	23	24	01			05.0				1		*	T	0.37	04.1	
21	08	64	04.5	LA	0008	37	19.0	77	13.5	5		5			*			00.0	T	25.50		1	D	06	T	0.44	04.5	
21	08	64	04.5	LA	0008	37	19.0	77	13.5	5		5			*			02.0				1	F	06	T	0.39	04.5	
21	08	64	04.5	LA	0008	37	19.0	77	13.5	5		5			*			04.0				1	F	06	T	0.36	04.5	
21	08	64	04.5	LA	0008	37	19.0	77	13.5	5		5			*			05.0				1		*	T	0.31	04.6	
21	08	64	05.0	LA	0008	37	19.0	77	13.5	*5		5	22	24	01			00.0	T	25.60		1	D	07	T	0.38	05.0	
21	08	64	05.0	LA	0008	37	19.0	77	13.5	*5		5	22	24	01			02.0				1	F	06	T	0.28	05.0	
21	08	64	05.0	LA	0008	37	19.0	77	13.5	*5		5	22	24	01			04.0				1	F	06	T	0.30	05.0	
21	08	64	05.0	LA	0008	37	19.0	77	13.5	*5		5	22	24	01			05.0				1		*	T	0.20	05.1	
21	08	64	05.5	LA	0008	37	19.0	77	13.5	5		6			*			00.0	T	25.50		1	D	07	T	0.43	05.5	
21	08	64	05.5	LA	0008	37	19.0	77	13.5	5		6			*			02.0				1	F	06	T	0.35	05.5	
21	08	64	05.5	LA	0008	37	19.0	77	13.5	5		6			*			04.0				1	F	06	T	0.26	05.5	
21	08	64	05.5	LA	0008	37	19.0	77	13.5	5		6			*			05.0				1		*	T	0.18	05.5	
21	08	64	06.0	LA	0008	37	19.0	77	13.5	*5		6	23	24	00	0.2		00.0	T	25.50		1	D	07	T	0.27	06.0	
21	08	64	06.0	LA	0008	37	19.0	77	13.5	*5		6	23	24	00	0.2		02.0				1	F	07	T	0.21	06.0	
21	08	64	06.0	LA	0008	37	19.0	77	13.5	*5		6	23	24	00	0.2		04.0				1	F	07	T	0.21	06.0	
21	08	64	06.0	LA	0008	37	19.0	77	13.5	*5		6	23	24	00	0.2		05.0				1		*	T	0.20	06.0	
21	08	64	06.5	LA	0008	37	19.0	77	13.5	5		6			*			00.0	T	25.50		1	D	07	T	0.37	06.5	
21	08	64	06.5	LA	0008	37	19.0	77	13.5	5		6			*			02.0				1	F	07	T	0.28	06.5	
21	08	64	06.5	LA	0008	37	19.0	77	13.5	5		6			*			04.0				1	F	07	T	0.22	06.5	
21	08	64	06.5	LA	0008	37	19.0	77	13.5	5		6			*			05.0				1		*	T	0.12	06.5	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
21	08	64	07.0	LA	0008	37	19.0	77	13.5	*5		6	26	24	01	0.2		00.0	T	25.70		1	D	07	T	0.33	07.0		
21	08	64	07.0	LA	0008	37	19.0	77	13.5	*5		6	26	24	01	0.2		02.0				1	F	07	T	0.30	07.0		
21	08	64	07.0	LA	0008	37	19.0	77	13.5	*5		6	26	24	01	0.2		04.0				1	F	07	T	0.17	07.0		
21	08	64	07.0	LA	0008	37	19.0	77	13.5	*5		6	26	24	01	0.2		05.0				1		*	T	0.13	07.0		
21	08	64	07.5	LA	0008	37	19.0	77	13.5	5		7			*			00.0				1	D	07	T	0.30	07.5		
21	08	64	07.5	LA	0008	37	19.0	77	13.5	5		7			*			02.0				1	F	07	T	0.19	07.5		
21	08	64	07.5	LA	0008	37	19.0	77	13.5	5		7			*			04.0				1	F	07	T	0.13	07.5		
21	08	64	07.5	LA	0008	37	19.0	77	13.5	5		7			*			05.0				1		*	T	0.10	07.6		
21	08	64	08.0	LA	0008	37	19.0	77	13.5	*5		7	29	24	00	0.1		00.0	T	25.80		1	D	07	T	0.15	08.0		
21	08	64	08.0	LA	0008	37	19.0	77	13.5	*5		7	29	24	00	0.1		02.0				1	F	07	T	0.16	08.0		
21	08	64	08.0	LA	0008	37	19.0	77	13.5	*5		7	29	24	00	0.1		04.0				1	F	07	T	0.13	08.0		
21	08	64	08.0	LA	0008	37	19.0	77	13.5	*5		7	29	24	00	0.1		05.0				1		*	T	0.10	08.0		
21	08	64	08.5	LA	0008	37	19.0	77	13.5	5		7			*			00.0	T	25.90		1	D	05	T	0.10	08.5		
21	08	64	08.5	LA	0008	37	19.0	77	13.5	5		7			*			02.0				1	F	05	T	0.07	08.5		
21	08	64	08.5	LA	0008	37	19.0	77	13.5	5		7			*			04.0				1	F	05	T	0.03	08.5		
21	08	64	08.5	LA	0008	37	19.0	77	13.5	5		7			*			05.0				1		*	T	0.01	08.5		
21	08	64	09.0	LA	0008	37	19.0	77	13.5	5		8	27		00	0.1		00.0	T	26.00		1	D	03	T	0.06	09.0		
21	08	64	09.0	LA	0008	37	19.0	77	13.5	5		8	27		00	0.1		02.0				1	F	28	T	0.04	09.0		
21	08	64	09.0	LA	0008	37	19.0	77	13.5	5		8	27		00	0.1		04.0				1	F	03	T	0.03	09.0		
21	08	64	09.0	LA	0008	37	19.0	77	13.5	5		8	27		00	0.1		05.0				1		*	T	0.05	09.0		
20	08	64	19.0	HO	0008	37	18.7	77	05.4	8		7			*			00.0				1	P	11	D	0.21	19.1		
20	08	64	19.0	HO	0008	37	18.7	77	05.4	8		7			*			00.0	T	25.30		1		11	X	0.32	19.0		
20	08	64	19.0	HO	0008	37	18.7	77	05.4	8		7			*			02.0				1	P	11	X	0.29	19.0		
20	08	64	19.0	HO	0008	37	18.7	77	05.4	8		7			*			04.0				1	P	11	X	0.27	19.0		
20	08	64	19.0	HO	0008	37	18.7	77	05.4	8		7			*			06.0				1	P	11	X	0.22	19.1		
20	08	64	19.0	HO	0008	37	18.7	77	05.4	8		7			*			08.0				1	P	11	X	0.15	19.1		
20	08	64	19.5	HO	0008	37	18.7	77	05.4	8		7			*			00.0				1	P	10	D	0.11	19.5		
20	08	64	19.5	HO	0008	37	18.7	77	05.4	8		7			*			00.0	T	25.70		1		*	X	0.17	19.5		
20	08	64	19.5	HO	0008	37	18.7	77	05.4	8		7			*			02.0				1		*	X	0.16	19.5		
20	08	64	19.5	HO	0008	37	18.7	77	05.4	8		7			*			04.0				1		*	X	0.15	19.5		
20	08	64	19.5	HO	0008	37	18.7	77	05.4	8		7			*			06.0				1		*	X	0.10	19.5		
20	08	64	19.5	HO	0008	37	18.7	77	05.4	8		7			*			08.0				1		*	X	0.06	19.5		
20	08	64	20.0	HO	0008	37	18.7	77	05.4	8		8			*			00.0	T	26.00		1	P	28	X	0.05	20.0		
20	08	64	20.0	HO	0008	37	18.7	77	05.4	8		8			*			02.0				1	P	28	X	0.05	20.0		
20	08	64	20.0	HO	0008	37	18.7	77	05.4	8		8			*			04.0				1	P	28	X	0.03	20.0		
20	08	64	20.0	HO	0008	37	18.7	77	05.4	8		8			*			06.0				1	P	28	X	0.05	20.0		
20	08	64	20.0	HO	0008	37	18.7	77	05.4	8		8			*			08.0				1	P	28	X	0.05	20.0		
20	08	64	20.5	HO	0008	37	18.7	77	05.4	8		1			*			00.0	T	26.01		1	P	31	X	0.23	20.5		
20	08	64	20.5	HO	0008	37	18.7	77	05.4	8		1			*			02.0				1	P	30	X	0.23	20.5		
20	08	64	20.5	HO	0008	37	18.7	77	05.4	8		1			*			04.0				1	P	30	X	0.20	20.5		
20	08	64	20.5	HO	0008	37	18.7	77	05.4	8		1			*			06.0				1	P	30	X	0.21	20.5		
20	08	64	20.5	HO	0008	37	18.7	77	05.4	8		1			*			08.0				1	P	30	X	0.16	20.5		
20	08	64	21.0	HO	0008	37	18.7	77	05.4	8		1			*			00.0	T	26.40		1	P	34	X	0.45	21.1		
20	08	64	21.0	HO	0008	37	18.7	77	05.4	8		1			*			02.0				1	P	34	X	0.50	21.1		
20	08	64	21.0	HO	0008	37	18.7	77	05.4	8		1			*			04.0				1	P	34	X	0.38	21.1		
20	08	64	21.0	HO	0008	37	18.7	77	05.4	8		1			*			06.0				1	P	34	X	0.38	21.1		
20	08	64	21.0	HO	0008	37	18.7	77	05.4	8		1			*			08.0				1	P	34	X	0.25	21.1		
20	08	64	21.5	HO	0008	37	18.7	77	05.4			1			*			00.0	T	25.20		1	P	31	X	0.50	21.5		
20	08	64	21.5	HO	0008	37	18.7	77	05.4			1			*			02.0				1	P	30	X	0.50	21.5		
20	08	64	21.5	HO	0008	37	18.7	77	05.4			1			*			04.0				1	P	30	X	0.50	21.5		
20	08	64	21.5	HO	0008	37	18.7	77	05.4			1			*			06.0				1	P	30	X	0.44	21.5		
20	08	64	21.5	HO	0008	37	18.7	77	05.4			1			*			08.0				1	P	30	X	0.44	21.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC			
20	08	64	22.0	HO	0008	37	18.7	77	05.4	8		2			*			00.0		25.60		1	P	30	X	0.50	22.0		
20	08	64	22.0	HO	0008	37	18.7	77	05.4	8		2			*			02.0				1	P	30	X	0.52	22.0		
20	08	64	22.0	HO	0008	37	18.7	77	05.4	8		2			*			04.0				1	P	30	X	0.50	22.0		
20	08	64	22.0	HO	0008	37	18.7	77	05.4	8		2			*			06.0				1	P	30	X	0.51	22.0		
20	08	64	22.0	HO	0008	37	18.7	77	05.4	8		2			*			08.0				1	P	30	X	0.52	22.0		
21	08	64	00.5	HO	0008	37	18.7	77	05.4	8		3			*			00.0	T	25.30		1	P	30	X	0.45	00.5		
21	08	64	00.5	HO	0008	37	18.7	77	05.4	8		3			*			02.0				1	P	30	X	0.45	00.5		
21	08	64	00.5	HO	0008	37	18.7	77	05.4	8		3			*			04.0				1	P	30	X	0.43	00.5		
21	08	64	00.5	HO	0008	37	18.7	77	05.4	8		3			*			06.0				1	P	30	X	0.37	00.5		
21	08	64	00.5	HO	0008	37	18.7	77	05.4	8		3			*			08.0				1	P	30	X	0.34	00.5		
21	08	64	01.0	HO	0008	37	18.7	77	05.4	8		3			*			00.0	T	25.30		1	F	29	S	0.35	01.0		
21	08	64	01.0	HO	0008	37	18.7	77	05.4	8		3			*			02.0				1	F	29	S	0.35	01.0		
21	08	64	01.0	HO	0008	37	18.7	77	05.4	8		3			*			04.0				1	F	29	S	0.32	01.0		
21	08	64	01.0	HO	0008	37	18.7	77	05.4	8		3			*			06.0				1	F	29	S	0.27	01.0		
21	08	64	01.0	HO	0008	37	18.7	77	05.4	8		3			*			08.0				1	F	29	S	0.22	01.0		
21	08	64	01.5	HO	0008	37	18.7	77	05.4	8		3			*			00.0				1	P	31	D	0.17	01.6		
21	08	64	01.5	HO	0008	37	18.7	77	05.4	8		3			*			00.0	T	25.10		1		*	X	0.21	01.5		
21	08	64	01.5	HO	0008	37	18.7	77	05.4	8		3			*			02.0				1		*	X	0.21	01.5		
21	08	64	01.5	HO	0008	37	18.7	77	05.4	8		3			*			04.0				1		*	X	0.20	01.5		
21	08	64	01.5	HO	0008	37	18.7	77	05.4	8		3			*			06.0				1		*	X	0.17	01.6		
21	08	64	01.5	HO	0008	37	18.7	77	05.4	8		3			*			08.0				1	F	29	X	0.12	01.6		
21	08	64	02.0	HO	0008	37	18.7	77	05.4	8		4			*			00.0	T	25.40		1		*	X	0.05	02.1		
21	08	64	02.0	HO	0008	37	18.7	77	05.4	8		4			*			02.0				1		*	X	0.04	02.1		
21	08	64	02.0	HO	0008	37	18.7	77	05.4	8		4			*			04.0				1		*	X	0.04	02.1		
21	08	64	02.0	HO	0008	37	18.7	77	05.4	8		4			*			06.0				1		*	X	0.04	02.1		
21	08	64	02.0	HO	0008	37	18.7	77	05.4	8		4			*			08.0				1		*	X	0.03	02.2		
21	08	64	02.5	HO	0008	37	18.7	77	05.4	8		5			*			00.0				1	P	12	D	0.17	02.7		
21	08	64	02.5	HO	0008	37	18.7	77	05.4	8		5			*			00.0	T	25.40		1		*	X	0.06	02.6		
21	08	64	02.5	HO	0008	37	18.7	77	05.4	8		5			*			02.0				1		*	X	0.07	02.6		
21	08	64	02.5	HO	0008	37	18.7	77	05.4	8		5			*			04.0				1		*	X	0.07	02.6		
21	08	64	02.5	HO	0008	37	18.7	77	05.4	8		5			*			06.0				1		*	X	0.06	02.7		
21	08	64	02.5	HO	0008	37	18.7	77	05.4	8		5			*			08.0				1	F	11	X	0.08	02.7		
21	08	64	03.0	HO	0008	37	18.7	77	05.4	8		5			*			00.0				1	P	13	D	0.30	03.2		
21	08	64	03.0	HO	0008	37	18.7	77	05.4	8		5			*			00.0	T	25.40		1		*	X	0.21	03.2		
21	08	64	03.0	HO	0008	37	18.7	77	05.4	8		5			*			02.0				1		*	X	0.25	03.2		
21	08	64	03.0	HO	0008	37	18.7	77	05.4	8		5			*			04.0				1		*	X	0.25	03.2		
21	08	64	03.0	HO	0008	37	18.7	77	05.4	8		5			*			06.0				1		*	X	0.25	03.2		
21	08	64	03.0	HO	0008	37	18.7	77	05.4	8		5			*			08.0				1		*	X	0.15	03.2		
21	08	64	03.5	HO	0008	37	18.7	77	05.4	8		5			*			00.0				1	P	11	D	0.45	03.8		
21	08	64	03.5	HO	0008	37	18.7	77	05.4	8		5			*			00.0	T	25.40		1		*	S	0.42	03.8		
21	08	64	03.5	HO	0008	37	18.7	77	05.4	8		5			*			02.0				1		*	S	0.41	03.8		
21	08	64	03.5	HO	0008	37	18.7	77	05.4	8		5			*			04.0				1		*	S	0.41	03.8		
21	08	64	03.5	HO	0008	37	18.7	77	05.4	8		5			*			06.0				1		*	S	0.35	03.8		
21	08	64	03.5	HO	0008	37	18.7	77	05.4	8		5			*			08.0				1	F	11	S	0.27	03.8		
21	08	64	04.0	HO	0008	37	18.7	77	05.4	8		6			*			00.0				1	P	12	D	0.42	04.1		
21	08	64	04.0	HO	0008	37	18.7	77	05.4	8		6			*			00.0	T	25.40		1		*	X	0.50	04.0		
21	08	64	04.0	HO	0008	37	18.7	77	05.4	8		6			*			02.0				1		*	X	0.50	04.0		
21	08	64	04.0	HO	0008	37	18.7	77	05.4	8		6			*			04.0				1		*	X	0.49	04.0		
21	08	64	04.0	HO	0008	37	18.7	77	05.4	8		6			*			06.0				1		*	X	0.45	04.0		
21	08	64	04.0	HO	0008	37	18.7	77	05.4	8		6			*			08.0				1	F	11	X	0.33	04.0		
21	08	64	04.5	HO	0008	37	18.7	77	05.4	8		6			*			00.0				1	P	10	D	0.61	04.6		
21	08	64	04.5	HO	0008	37	18.7	77	05.4	8		6			*			00.0	T	25.40		1		*	X	0.50	04.5		
21	08	64	04.5	HO	0008	37	18.7	77	05.4	8		6			*			02.0				1		*	X	0.50	04.5		
21	08	64	04.5	HO	0008	37	18.7	77	05.4	8		6			*			04.0				1		*	X	0.50	04.5		
21	08	64	04.5	HO	0008	37	18.7	77	05.4	8		6			*			06.0				1		*	X	0.45	04.5		
21	08	64	04.5	HO	0008	37	18.7	77	05.4	8		6			*			08.0				1	F	11	X	0.47	04.6		
21	08	64	05.0	HO	0008	37	18.7	77	05.4	8		6			*			00.0				1	P	11	D	0.56	05.0		
21	08	64	05.0	HO	0008	37	18.7	77	05.4	8		6			*			00.0	T	25.50		1		*	X	0.51	05.0		
21	08	64	05.0	HO	0008	37	18.7	77	05.4	8		6			*			02.0				1		*	X	0.51	05.0		
21	08	64	05.0	HO	0008	37	18.7	77	05.4	8		6			*			04.0				1		*	X	0.51	05.0		
21	08	64	05.0	HO	0008	37	18.7	77	05.4	8		6			*			06.0				1		*	X	0.50	05.0		
21	08	64	05.0	HO	0008	37	18.7	77	05.4	8		6			*			08.0				1	F	11	X	0.44	05.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
21	08	64	05.5	HO	0008	37	18.7	77	05.4	8		6			*			00.0				1	P	11	D	0.56	05.6		
21	08	64	05.5	HO	0008	37	18.7	77	05.4	8		6			*			00.0	T	25.40		1		*	X	0.50	05.5		
21	08	64	05.5	HO	0008	37	18.7	77	05.4	8		6			*			02.0				1		*	X	0.50	05.5		
21	08	64	05.5	HO	0008	37	18.7	77	05.4	8		6			*			04.0				1		*	X	0.50	05.5		
21	08	64	05.5	HO	0008	37	18.7	77	05.4	8		6			*			06.0				1		*	X	0.50	05.5		
21	08	64	05.5	HO	0008	37	18.7	77	05.4	8		6			*			08.0				1	F	12	X	0.40	05.5		
21	08	64	06.0	HO	0008	37	18.7	77	05.4	8		6			*			00.0				1	P	11	D	0.52	06.1		
21	08	64	06.0	HO	0008	37	18.7	77	05.4	8		6			*			00.0	T	25.30		1		*	X	0.50	06.1		
21	08	64	06.0	HO	0008	37	18.7	77	05.4	8		6			*			02.0				1		*	X	0.50	06.1		
21	08	64	06.0	HO	0008	37	18.7	77	05.4	8		6			*			04.0				1		*	X	0.50	06.1		
21	08	64	06.0	HO	0008	37	18.7	77	05.4	8		6			*			06.0				1		*	X	0.40	06.1		
21	08	64	06.0	HO	0008	37	18.7	77	05.4	8		6			*			08.0				1	F	12	X	0.39	06.1		
21	08	64	06.5	HO	0008	37	18.7	77	05.4	8		6			*			00.0				1	P	12	D	0.58	06.5		
21	08	64	06.5	HO	0008	37	18.7	77	05.4	8		6			*			00.0	T	25.30		1		*	X	0.50	06.5		
21	08	64	06.5	HO	0008	37	18.7	77	05.4	8		6			*			02.0				1		*	X	0.50	06.5		
21	08	64	06.5	HO	0008	37	18.7	77	05.4	8		6			*			04.0				1		*	X	0.50	06.5		
21	08	64	06.5	HO	0008	37	18.7	77	05.4	8		6			*			06.0				1		*	X	0.40	06.5		
21	08	64	06.5	HO	0008	37	18.7	77	05.4	8		6			*			08.0				1	F	11	X	0.27	06.5		
21	08	64	07.0	HO	0008	37	18.7	77	05.4	8		7			*			00.0				1	P	11	D	0.54	07.1		
21	08	64	07.0	HO	0008	37	18.7	77	05.4	8		7			*			00.0	T	25.40		1		*	X	0.50	07.1		
21	08	64	07.0	HO	0008	37	18.7	77	05.4	8		7			*			02.0				1		*	X	0.50	07.1		
21	08	64	07.0	HO	0008	37	18.7	77	05.4	8		7			*			04.0				1		*	X	0.46	07.1		
21	08	64	07.0	HO	0008	37	18.7	77	05.4	8		7			*			06.0				1		*	X	0.39	07.1		
21	08	64	07.0	HO	0008	37	18.7	77	05.4	8		7			*			08.0				1	F	11	X	0.22	07.1		
21	08	64	07.5	HO	0008	37	18.7	77	05.4	8		7			*	0.4		00.0				1	P	10	D	0.27	07.5		
21	08	64	07.5	HO	0008	37	18.7	77	05.4	8		7			*	0.4		00.0	T	25.50		1		*	X	0.40	07.5		
21	08	64	07.5	HO	0008	37	18.7	77	05.4	8		7			*	0.4		02.0				1	P	11	X	0.40	07.5		
21	08	64	07.5	HO	0008	37	18.7	77	05.4	8		7			*	0.4		04.0				1	P	11	X	0.38	07.5		
21	08	64	07.5	HO	0008	37	18.7	77	05.4	8		7			*	0.4		06.0				1	P	11	X	0.35	07.5		
21	08	64	07.5	HO	0008	37	18.7	77	05.4	8		7			*	0.4		08.0				1	P	11	X	0.27	07.5		
21	08	64	08.0	HO	0008	37	18.7	77	05.4	8		7			*			00.0				1	P	11	D	0.25	08.1		
21	08	64	08.0	HO	0008	37	18.7	77	05.4	8		7			*			00.0	T	25.50		1	P	11	X	0.26	08.0		
21	08	64	08.0	HO	0008	37	18.7	77	05.4	8		7			*			02.0				1	P	11	X	0.25	08.0		
21	08	64	08.0	HO	0008	37	18.7	77	05.4	8		7			*			04.0				1	P	11	X	0.25	08.0		
21	08	64	08.0	HO	0008	37	18.7	77	05.4	8		7			*			06.0				1	P	11	X	0.19	08.0		
21	08	64	08.0	HO	0008	37	18.7	77	05.4	8		7			*			08.0				1	P	11	X	0.15	08.0		
21	08	64	08.5	HO	0008	37	18.7	77	05.4	8		7			*			00.0				1	P	11	D	0.12	08.5		
21	08	64	08.5	HO	0008	37	18.7	77	05.4	8		7			*			00.0	T	25.80		1	P	11	X	0.18	08.5		
21	08	64	08.5	HO	0008	37	18.7	77	05.4	8		7			*			02.0				1	P	11	X	0.18	08.5		
21	08	64	08.5	HO	0008	37	18.7	77	05.4	8		7			*			04.0				1	P	11	X	0.13	08.5		
21	08	64	08.5	HO	0008	37	18.7	77	05.4	8		7			*			06.0				1	P	11	X	0.10	08.5		
21	08	64	08.5	HO	0008	37	18.7	77	05.4	8		7			*			08.0				1	P	11	X	0.07	08.5		
21	08	64	09.0	HO	0008	37	18.7	77	05.4	8		8			*			00.0				1	P	12	D	*	09.1		
21	08	64	09.0	HO	0008	37	18.7	77	05.4	8		8			*			00.0	T	26.00		1	P	12	X	0.03	09.0		
21	08	64	09.0	HO	0008	37	18.7	77	05.4	8		8			*			02.0				1	P	12	X	0.03	09.0		
21	08	64	09.0	HO	0008	37	18.7	77	05.4	8		8			*			04.0				1		*	X	0.05	09.0		
21	08	64	09.0	HO	0008	37	18.7	77	05.4	8		8			*			06.0				1		*	X	0.02	09.0		
21	08	64	09.0	HO	0008	37	18.7	77	05.4	8		8			*			08.0				1		*	X	0.05	09.0		
21	08	64	09.5	HO	0008	37	18.7	77	05.4	8		1			*			00.0				1	P	29	D	0.16	09.6		
21	08	64	09.5	HO	0008	37	18.7	77	05.4	8		1			*			00.0	T	26.80		1	P	29	X	0.14	09.5		
21	08	64	09.5	HO	0008	37	18.7	77	05.4	8		1			*			02.0				1	P	29	X	0.17	09.5		
21	08	64	09.5	HO	0008	37	18.7	77	05.4	8		1			*			04.0				1	P	29	X	0.17	09.5		
21	08	64	09.5	HO	0008	37	18.7	77	05.4	8		1			*			06.0				1	P	29	X	0.16	09.5		
21	08	64	09.5	HO	0008	37	18.7	77	05.4	8		1			*			08.0				1	P	29	X	0.15	09.5		

DATE DAY	MONTH	YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	MIN. & TENTHS	LONGITUDE WEST DEGREES	MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	°C	SALINITY INSTR.	‰	CURRENT DIRXN INSTR.	CODE	VELOCITY INSTR.	M/SEC.	SAMPLE TIME (E.S.T.)	
20	08	64	19.0	BR	0008	37	18.4	77	19.1	5		6			*			00.0	T	26.20		1	P	09	D	0.30	19.1	
20	08	64	19.0	BR	0008	37	18.4	77	19.1	5		6			*			02.0				1		*	U	0.30	19.0	
20	08	64	19.0	BR	0008	37	18.4	77	19.1	5		6			*			04.0				1		*	U	0.31	19.0	
20	08	64	19.0	BR	0008	37	18.4	77	19.1	5		6			*			05.0				1		*	U	0.23	19.0	
20	08	64	19.5	BR	0008	37	18.4	77	19.1	5		6			*			00.0				1	P	09	D	0.23	19.5	
20	08	64	19.5	BR	0008	37	18.4	77	19.1	5		6			*			02.0				1		*	U	0.20	19.6	
20	08	64	19.5	BR	0008	37	18.4	77	19.1	5		6			*			04.0				1		*	U	0.20	19.6	
20	08	64	19.5	BR	0008	37	18.4	77	19.1	5		6			*			05.0				1		*	U	0.20	19.5	
20	08	64	20.0	BR	0008	37	18.4	77	19.1	5		7			*			00.0	T	26.20		1	P	09	D	0.16	20.0	
20	08	64	20.0	BR	0008	37	18.4	77	19.1	5		7			*			02.0				1		*	U	0.12	20.1	
20	08	64	20.0	BR	0008	37	18.4	77	19.1	5		7			*			04.0				1		*	U	0.10	20.1	
20	08	64	20.0	BR	0008	37	18.4	77	19.1	5		7			*			05.0				1		*	U	0.10	20.1	
20	08	64	20.5	BR	0008	37	18.4	77	19.1	5		8			*			00.0						*	D	0.00	20.5	
20	08	64	20.5	BR	0008	37	18.4	77	19.1	5		8			*			02.0						*	U	0.02	20.5	
20	08	64	20.5	BR	0008	37	18.4	77	19.1	5		8			*			04.0						*	U	0.02	20.5	
20	08	64	20.5	BR	0008	37	18.4	77	19.1	5		8			*			05.0						*	U	0.01	20.5	
20	08	64	21.0	BR	0008	37	18.4	77	19.1	5		2			*			00.0	T	26.00		1	P	27	D	0.28	21.2	
20	08	64	21.0	BR	0008	37	18.4	77	19.1	5		2			*			02.0				1		*	U	0.23	21.0	
20	08	64	21.0	BR	0008	37	18.4	77	19.1	5		2			*			04.0				1		*	U	0.27	21.0	
20	08	64	21.0	BR	0008	37	18.4	77	19.1	5		2			*			05.0				1		*	U	0.20	21.1	
20	08	64	21.5	BR	0008	37	18.4	77	19.1	5		2			*			00.0				1	P	27	D	0.38	21.7	
20	08	64	21.5	BR	0008	37	18.4	77	19.1	5		2			*			02.0				1		*	U	0.40	21.6	
20	08	64	21.5	BR	0008	37	18.4	77	19.1	5		2			*			04.0				1		*	U	0.35	21.5	
20	08	64	21.5	BR	0008	37	18.4	77	19.1	5		2			*			05.0				1		*	U	0.29	21.5	
20	08	64	22.0	BR	0008	37	18.4	77	19.1	5		2			*			00.0	T	26.00		1	P	27	D	0.48	22.1	
20	08	64	22.0	BR	0008	37	18.4	77	19.1	5		2			*			02.0				1		*	U	0.45	22.0	
20	08	64	22.0	BR	0008	37	18.4	77	19.1	5		2			*			04.0						*	U	0.46	22.0	
20	08	64	22.0	BR	0008	37	18.4	77	19.1	5		2			*			05.0				1		*	U	0.43	22.0	
20	08	64	23.0	BR	0008	37	18.4	77	19.1	5		2			*			00.0	T	25.80		1	P	28	D	0.47	23.1	
20	08	64	23.0	BR	0008	37	18.4	77	19.1	5		2			*			02.0				1		*	U	0.51	23.0	
20	08	64	23.0	BR	0008	37	18.4	77	19.1	5		2			*			04.0						*	U	0.50	23.0	
20	08	64	23.0	BR	0008	37	18.4	77	19.1	5		2			*			05.0				1		*	U	0.40	23.0	
20	08	64	23.5	BR	0008	37	18.4	77	19.1	5		2			*			00.0				1	P	28	D	0.48	23.6	
20	08	64	23.5	BR	0008	37	18.4	77	19.1	5		2			*			02.0				1		*	U	0.50	23.5	
20	08	64	23.5	BR	0008	37	18.4	77	19.1	5		2			*			04.0				1		*	U	0.45	23.5	
20	08	64	23.5	BR	0008	37	18.4	77	19.1	5		2			*			05.0						*	U	0.41	23.5	
21	08	64	00.0	BR	0008	37	18.4	77	19.1	5		2			*			00.0	T	25.80		1	P	27	D	0.41	00.1	
21	08	64	00.0	BR	0008	37	18.4	77	19.1	5		2			*			02.0				1		*	U	0.45	00.0	
21	08	64	00.0	BR	0008	37	18.4	77	19.1	5		2			*			04.0				1		*	U	0.35	00.0	
21	08	64	00.0	BR	0008	37	18.4	77	19.1	5		2			*			05.0				1		*	U	0.34	00.0	
21	08	64	00.5	BR	0008	37	18.4	77	19.1	5		2			*			00.0				1	P	27	D	0.40	00.6	
21	08	64	00.5	BR	0008	37	18.4	77	19.1	5		2			*			02.0				1		*	U	0.40	00.5	
21	08	64	00.5	BR	0008	37	18.4	77	19.1	5		2			*			04.0				1		*	U	0.35	00.5	
21	08	64	00.5	BR	0008	37	18.4	77	19.1	5		2			*			05.0				1		*	U	0.29	00.5	
21	08	64	01.0	BR	0008	37	18.4	77	19.1	5		2			*			00.0	T	25.80		1	P	27	D	0.34	01.1	
21	08	64	01.0	BR	0008	37	18.4	77	19.1	5		2			*			02.0				1		*	U	0.32	01.0	
21	08	64	01.0	BR	0008	37	18.4	77	19.1	5		2			*			04.0				1		*	U	0.27	01.0	
21	08	64	01.0	BR	0008	37	18.4	77	19.1	5		2			*			05.0				1		*	U	0.27	01.0	
21	08	64	01.5	BR	0008	37	18.4	77	19.1	5		3			*			00.0				1	P	28	D	0.25	01.6	
21	08	64	01.5	BR	0008	37	18.4	77	19.1	5		3			*			02.0				1		*	U	0.26	01.6	
21	08	64	01.5	BR	0008	37	18.4	77	19.1	5		3			*			04.0				1		*	U	0.17	01.6	
21	08	64	01.5	BR	0008	37	18.4	77	19.1	5		3			*			05.0				1		*	U	0.14	01.7	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
21	08	64	02.0	BR	0008	37	18.4	77	19.1	5		3			*			00.0				1	P	26	U	0.14	02.1		
21	08	64	02.0	BR	0008	37	18.4	77	19.1	5		3			*			02.0				1		*	U	0.12	02.1		
21	08	64	02.0	BR	0008	37	18.4	77	19.1	5		3			*			04.0				1		*	U	0.10	02.2		
21	08	64	02.0	BR	0008	37	18.4	77	19.1	5		3			*			05.0				1		*	U	0.12	02.2		
21	08	64	02.5	BR	0008	37	18.4	77	19.1	5		4			*			00.0				1	P	00	U	0.00	02.6		
21	08	64	02.5	BR	0008	37	18.4	77	19.1	5		4			*			02.0				1		*	U	0.00	02.6		
21	08	64	02.5	BR	0008	37	18.4	77	19.1	5		4			*			04.0				1		*	U	0.00	02.6		
21	08	64	02.5	BR	0008	37	18.4	77	19.1	5		4			*			05.0				1		*	U	0.00	02.7		
21	08	64	03.0	BR	0008	37	18.4	77	19.1	5		5			*			00.0				1	P	10	U	0.13	03.1		
21	08	64	03.0	BR	0008	37	18.4	77	19.1	5		5			*			02.0				1		*	U	0.15	03.1		
21	08	64	03.0	BR	0008	37	18.4	77	19.1	5		5			*			04.0				1		*	U	0.13	03.1		
21	08	64	03.0	BR	0008	37	18.4	77	19.1	5		5			*			05.0				1		*	U	0.11	03.2		
21	08	64	03.5	BR	0008	37	18.4	77	19.1	5		6			*			00.0				1	P	09	U	0.23	03.6		
21	08	64	03.5	BR	0008	37	18.4	77	19.1	5		6			*			02.0				1		*	U	0.36	03.6		
21	08	64	03.5	BR	0008	37	18.4	77	19.1	5		6			*			04.0				1		*	U	0.30	03.6		
21	08	64	03.5	BR	0008	37	18.4	77	19.1	5		6			*			05.0				1		*	U	0.25	03.7		
21	08	64	04.0	BR	0008	37	18.4	77	19.1	5		6			*			00.0				1	P	08	U	0.47	04.1		
21	08	64	04.0	BR	0008	37	18.4	77	19.1	5		6			*			02.0				1		*	U	0.47	04.1		
21	08	64	04.0	BR	0008	37	18.4	77	19.1	5		6			*			04.0				1		*	U	0.38	04.1		
21	08	64	04.0	BR	0008	37	18.4	77	19.1	5		6			*			05.0				1		*	U	0.34	04.1		
21	08	64	04.5	BR	0008	37	18.4	77	19.1	5		6			*			00.0				1	P	10	D	0.44	04.6		
21	08	64	04.5	BR	0008	37	18.4	77	19.1	5		6			*			02.0				1		*	U	0.48	04.7		
21	08	64	04.5	BR	0008	37	18.4	77	19.1	5		6			*			04.0				1		*	U	0.37	04.7		
21	08	64	04.5	BR	0008	37	18.4	77	19.1	5		6			*			05.0				1		*	U	0.40	04.6		
21	08	64	05.0	BR	0008	37	18.4	77	19.1	5		6			*			00.0				1	P	09	D	0.44	05.0		
21	08	64	05.0	BR	0008	37	18.4	77	19.1	5		6			*			02.0				1		*	U	0.50	05.1		
21	08	64	05.0	BR	0008	37	18.4	77	19.1	5		6			*			04.0				1		*	U	0.38	05.1		
21	08	64	05.0	BR	0008	37	18.4	77	19.1	5		6			*			05.0				1		*	U	0.30	05.2		
21	08	64	05.5	BR	0008	37	18.4	77	19.1	5		6			*			00.0				1	P	10	D	0.40	05.5		
21	08	64	05.5	BR	0008	37	18.4	77	19.1	5		6			*			02.0				1		*	U	0.43	05.6		
21	08	64	05.5	BR	0008	37	18.4	77	19.1	5		6			*			04.0				1		*	U	0.33	05.6		
21	08	64	05.5	BR	0008	37	18.4	77	19.1	5		6			*			05.0				1		*	U	0.32	05.6		
21	08	64	06.0	BR	0008	37	18.4	77	19.1	5		6			*			00.0				1	P	09	D	0.41	06.0		
21	08	64	06.0	BR	0008	37	18.4	77	19.1	5		6			*			02.0				1		*	U	0.37	06.1		
21	08	64	06.0	BR	0008	37	18.4	77	19.1	5		6			*			04.0				1		*	U	0.35	06.1		
21	08	64	06.5	BR	0008	37	18.4	77	19.1	5		7			*			00.0				1	P	09	D	0.37	06.5		
21	08	64	06.5	BR	0008	37	18.4	77	19.1	5		7			*			02.0				1		*	U	0.38	06.6		
21	08	64	06.5	BR	0008	37	18.4	77	19.1	5		7			*			05.0				1		*	U	0.30	06.6		
21	08	64	07.0	BR	0008	37	18.4	77	19.1	5		7			*			00.0				1	P	09	D	0.35	07.0		
21	08	64	07.0	BR	0008	37	18.4	77	19.1	5		7			*			02.0				1		*	U	0.37	07.0		
21	08	64	07.0	BR	0008	37	18.4	77	19.1	5		7			*			05.0				1		*	U	0.28	07.1		
21	08	64	07.5	BR	0008	37	18.4	77	19.1	5		7			*			00.0				1		*	D	0.34	07.5		
21	08	64	07.5	BR	0008	37	18.4	77	19.1	5		7			*			02.0				1		*	U	0.35	07.6		
21	08	64	07.5	BR	0008	37	18.4	77	19.1	5		7			*			05.0				1		*	U	0.26	07.5		
21	08	64	08.0	BR	0008	37	18.4	77	19.1	5		7			*	0.6		00.0	T	26.10		1	P	09	D	0.29	08.0		
21	08	64	08.0	BR	0008	37	18.4	77	19.1	5		7			*	0.6		02.0				1		*	U	0.25	08.0		
21	08	64	08.0	BR	0008	37	18.4	77	19.1	5		7			*	0.6		05.0				1		*	U	0.25	08.0		
21	08	64	08.5	BR	0008	37	18.4	77	19.1	5		7			*			00.0				1	P	09	D	0.28	08.5		
21	08	64	08.5	BR	0008	37	18.4	77	19.1	5		7			*			02.0				1		*	U	0.21	08.5		
21	08	64	08.5	BR	0008	37	18.4	77	19.1	5		7			*			04.0				1		*	U	0.24	08.5		
21	08	64	08.5	BR	0008	37	18.4	77	19.1	5		7			*			05.0				1		*	U	0.21	08.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
21	08	64	09.0	BR	0008	37	18.4	77	19.1	5		7			*	0.4		00.0	T	26.10		1	P	09	D	0.18	09.0		
21	08	64	09.0	BR	0008	37	18.4	77	19.1	5		7			*	0.4		02.0				1		*	U	0.16	09.0		
21	08	64	09.0	BR	0008	37	18.4	77	19.1	5		7			*	0.4		04.0				1		*	U	0.12	09.0		
21	08	64	09.0	BR	0008	37	18.4	77	19.1	5		7			*	0.4		05.0				1		*	U	0.12	09.1		
21	08	64	09.5	BR	0008	37	18.4	77	19.1	5		8			*			00.0				1		*	D	0.00	09.5		
21	08	64	09.5	BR	0008	37	18.4	77	19.1	5		8			*			02.0				1		*	U	0.01	09.5		
21	08	64	09.5	BR	0008	37	18.4	77	19.1	5		8			*			04.0				1		*	U	0.01	09.5		
21	08	64	09.5	BR	0008	37	18.4	77	19.1	5		8			*			05.0				1		*	U	0.01	09.5		
21	08	64	09.7	BR	0008	37	18.4	77	19.1	5		1			*			00.0				1		*		*	09.7		
21	08	64	09.7	BR	0008	37	18.4	77	19.1	5		1			*			02.0				1		*		*	09.7		
21	08	64	09.7	BR	0008	37	18.4	77	19.1	5		1			*			04.0				1		*		*	09.7		
21	08	64	09.7	BR	0008	37	18.4	77	19.1	5		1			*			05.0				1		*		*	09.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
19	08	64	19.2	HO	0008	37	20.2	77	16.2	6		7			*			00.0	T	26.00		1		*	D	0.40	19.2	
19	08	64	22.0	HO	0008	37	20.2	77	16.2	6		2			*			00.0				1		*	D	0.61	22.2	
19	08	64	22.0	HO	0008	37	20.2	77	16.2	6		2			*			00.0	T	25.90		1		*	S	0.60	22.0	
19	08	64	22.0	HO	0008	37	20.2	77	16.2	6		2			*			02.0				1		*	S	0.50	22.0	
19	08	64	22.0	HO	0008	37	20.2	77	16.2	6		2			*			04.0				1		*	S	0.50	22.1	
19	08	64	22.0	HO	0008	37	20.2	77	16.2	6		2			*			06.0				1	F	04	S	0.47	22.1	
19	08	64	22.5	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0					L	04	D	0.84	22.6	
19	08	64	22.5	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0	T	25.50		1		*	S	0.52	22.5	
19	08	64	22.5	HO	0008	37	20.2	77	16.2	55		2		*	*			02.0				1		*	S	0.51	22.5	
19	08	64	22.5	HO	0008	37	20.2	77	16.2	55		2		*	*			04.0				1		*	S	0.50	22.6	
19	08	64	22.5	HO	0008	37	20.2	77	16.2	55		2		*	*			06.0				1	F	04	S	0.45	22.6	
19	08	64	23.0	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0				1	L	04	D	0.73	23.1	
19	08	64	23.0	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0	T	25.70		1		*	S	0.51	23.0	
19	08	64	23.0	HO	0008	37	20.2	77	16.2	55		2		*	*			02.0				1		*	S	0.50	23.0	
19	08	64	23.0	HO	0008	37	20.2	77	16.2	55		2		*	*			04.0				1		*	S	0.47	23.0	
19	08	64	23.0	HO	0008	37	20.2	77	16.2	55		2		*	*			06.0				1	F	04	S	0.45	23.0	
19	08	64	23.5	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0				1	L	05	D	0.54	23.6	
19	08	64	23.5	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0	T	25.80		1		*	S	0.50	23.5	
19	08	64	23.5	HO	0008	37	20.2	77	16.2	55		2		*	*			02.0				1		*	S	0.49	23.5	
19	08	64	23.5	HO	0008	37	20.2	77	16.2	55		2		*	*			04.0				1		*	S	0.41	23.5	
19	08	64	23.5	HO	0008	37	20.2	77	16.2	55		2		*	*			06.0				1	F	05	S	0.04	23.5	
20	08	64	00.0	HO	0008	37	20.2	77	16.2	55		3		*	*			00.0				1	L	03	D	0.49	00.1	
20	08	64	00.0	HO	0008	37	20.2	77	16.2	55		3		*	*			00.0	T	25.60		1		*	S	0.45	00.0	
20	08	64	00.0	HO	0008	37	20.2	77	16.2	55		3		*	*			02.0				1		*	S	0.46	00.0	
20	08	64	00.0	HO	0008	37	20.2	77	16.2	55		3		*	*			04.0				1		*	S	0.43	00.0	
20	08	64	00.0	HO	0008	37	20.2	77	16.2	55		3		*	*			06.0				1	F	02	S	0.34	00.0	
20	08	64	00.5	HO	0008	37	20.2	77	16.2	55		3		*	*			00.0				1	L	04	D	0.34	00.6	
20	08	64	00.5	HO	0008	37	20.2	77	16.2	55		3		*	*			00.0	T	25.80		1		*	S	0.35	00.5	
20	08	64	00.5	HO	0008	37	20.2	77	16.2	55		3		*	*			02.0				1		*	S	0.33	00.5	
20	08	64	00.5	HO	0008	37	20.2	77	16.2	55		3		*	*			04.0				1		*	S	0.25	00.5	
20	08	64	00.5	HO	0008	37	20.2	77	16.2	55		3		*	*			06.0				1	F	03	S	0.23	00.5	
20	08	64	01.0	HO	0008	37	20.2	77	16.2	55		3		*	*			00.0				1	L	04	D	0.26	01.1	
20	08	64	01.0	HO	0008	37	20.2	77	16.2	55		3		*	*			00.0		25.20		1		*	S	0.25	01.0	
20	08	64	01.0	HO	0008	37	20.2	77	16.2	55		3		*	*			02.0				1		*	S	0.19	01.0	
20	08	64	01.0	HO	0008	37	20.2	77	16.2	55		3		*	*			04.0				1		*	S	0.15	01.0	
20	08	64	01.0	HO	0008	37	20.2	77	16.2	55		3		*	*			06.0				1	F	04	S	0.09	01.0	
20	08	64	01.5	HO	0008	37	20.2	77	16.2	55		3		*	*			00.0				1	L	03	D	0.13	01.6	
20	08	64	01.5	HO	0008	37	20.2	77	16.2	55		3		*	*			00.0	T	25.50		1		*	S	0.10	01.5	
20	08	64	01.5	HO	0008	37	20.2	77	16.2	55		3		*	*			02.0				1		*	S	0.07	01.5	
20	08	64	01.5	HO	0008	37	20.2	77	16.2	55		3		*	*			04.0				1		*	S	0.06	01.5	
20	08	64	01.5	HO	0008	37	20.2	77	16.2	55		3		*	*			06.0				1	F	01	S	0.05	01.5	
20	08	64	02.0	HO	0008	37	20.2	77	16.2	55		4		*	*			00.0				1		00	D	0.00	02.1	
20	08	64	02.0	HO	0008	37	20.2	77	16.2	55		4		*	*			00.0	T	25.40		1		*	S	0.05	02.0	
20	08	64	02.0	HO	0008	37	20.2	77	16.2	55		4		*	*			02.0				1		*	S	0.04	02.0	
20	08	64	02.0	HO	0008	37	20.2	77	16.2	55		4		*	*			04.0				1		*	S	0.04	02.0	
20	08	64	02.0	HO	0008	37	20.2	77	16.2	55		4		*	*			06.0				1		*	S	0.05	02.0	
20	08	64	02.5	HO	0008	37	20.2	77	16.2	6		5			*			00.0				1	L	22	D	0.21	02.6	
20	08	64	02.5	HO	0008	37	20.2	77	16.2	6		5			*			00.0	T	24.70		1	F	22	D	0.25	02.5	
20	08	64	02.5	HO	0008	37	20.2	77	16.2	6		5			*			02.0				1	F	22	S	0.24	02.5	
20	08	64	02.5	HO	0008	37	20.2	77	16.2	6		5			*			04.0				1	F	22	S	0.20	02.5	
20	08	64	02.5	HO	0008	37	20.2	77	16.2	6		5			*			06.0				1	F	22	S	0.15	02.5	
20	08	64	03.0	HO	0008	37	20.2	77	16.2	6		5			*			00.0					L	22	D	0.40	03.1	
20	08	64	03.0	HO	0008	37	20.2	77	16.2	6		5			*			00.0	T	24.50		1	L	22	X	0.38	03.0	
20	08	64	03.0	HO	0008	37	20.2	77	16.2	6		5			*			02.0				1		*	X	0.30	03.0	
20	08	64	03.0	HO	0008	37	20.2	77	16.2	6		5			*			04.0				1		*	X	0.30	03.0	
20	08	64	03.0	HO	0008	37	20.2	77	16.2	6		5			*			06.0				1		*	X	0.25	03.0	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
20	08	64	03.5	HO	0008	37	20.2	77	16.2	6		5			*			00.0				1	L	22	D	0.32	03.6		
20	08	64	03.5	HO	0008	37	20.2	77	16.2	6		5			*			00.0	T	24.80		1	L	22	X	0.48	03.5		
20	08	64	03.5	HO	0008	37	20.2	77	16.2	6		5			*			02.0				1	L	22	X	0.52	03.5		
20	08	64	03.5	HO	0008	37	20.2	77	16.2	6		5			*			04.0				1	L	22	X	0.45	03.5		
20	08	64	03.5	HO	0008	37	20.2	77	16.2	6		5			*			06.0				1	L	23	X	0.33	03.5		
20	08	64	04.0	HO	0008	37	20.2	77	16.2	6		5			*			00.0				1	L	24	D	0.52	04.2		
20	08	64	04.0	HO	0008	37	20.2	77	16.2	6		5			*			00.0	T	24.50		1	L	24	X	0.51	04.0		
20	08	64	04.0	HO	0008	37	20.2	77	16.2	6		5			*			02.0				1	L	23	X	0.50	04.0		
20	08	64	04.0	HO	0008	37	20.2	77	16.2	6		5			*			04.0				1	L	23	X	0.39	04.0		
20	08	64	04.0	HO	0008	37	20.2	77	16.2	6		5			*			06.0				1	L	23	X	0.38	04.0		
20	08	64	04.5	HO	0008	37	20.2	77	16.2	6		6			*			00.0				1	L	23	D	0.61	04.7		
20	08	64	04.5	HO	0008	37	20.2	77	16.2	6		6			*			00.0	T	25.30		1	L	23	X	0.58	04.6		
20	08	64	04.5	HO	0008	37	20.2	77	16.2	6		6			*			02.0				1	L	23	X	0.52	04.6		
20	08	64	04.5	HO	0008	37	20.2	77	16.2	6		6			*			04.0				1	L	23	X	0.56	04.6		
20	08	64	04.5	HO	0008	37	20.2	77	16.2	6		6			*			06.0				1	L	23	X	0.41	04.6		
20	08	64	05.0	HO	0008	37	20.2	77	16.2	6		6			*			00.0				1	L	24	D	0.62	05.1		
20	08	64	05.0	HO	0008	37	20.2	77	16.2	6		6			*			00.0	T	25.50		1	L	24	X	0.49	05.0		
20	08	64	05.0	HO	0008	37	20.2	77	16.2	6		6			*			02.0				1	L	24	X	0.38	05.0		
20	08	64	05.0	HO	0008	37	20.2	77	16.2	6		6			*			04.0				1	L	24	X	0.38	05.0		
20	08	64	05.0	HO	0008	37	20.2	77	16.2	6		6			*			06.0				1	L	24	X	0.25	05.0		
20	08	64	05.5	HO	0008	37	20.2	77	16.2	6		4			*			00.0				1	D	23	D	0.39	05.6		
20	08	64	05.5	HO	0008	37	20.2	77	16.2	6		4			*			00.0	T	25.50		1	L	23	X	0.37	05.5		
20	08	64	05.5	HO	0008	37	20.2	77	16.2	6		4			*			02.0				1	L	23	X	0.47	05.5		
20	08	64	05.5	HO	0008	37	20.2	77	16.2	6		4			*			04.0				1	L	23	X	0.38	05.5		
20	08	64	05.5	HO	0008	37	20.2	77	16.2	6		4			*			06.0				1	L	23	X	0.25	05.5		
20	08	64	06.0	HO	0008	37	20.2	77	16.2	6		*			*			00.0				1	D	23	D	0.39	06.0		
20	08	64	06.0	HO	0008	37	20.2	77	16.2	6		*			*			00.0	T	25.50		1	L	23	X	0.38	06.0		
20	08	64	06.0	HO	0008	37	20.2	77	16.2	6		*			*			02.0				1	L	23	X	0.43	06.0		
20	08	64	06.0	HO	0008	37	20.2	77	16.2	6		*			*			04.0				1	L	23	X	0.45	06.0		
20	08	64	06.0	HO	0008	37	20.2	77	16.2	6		*			*			06.0				1	L	23	X	0.27	06.0		
20	08	64	06.5	HO	0008	37	20.2	77	16.2	6		7			*			00.0				1	D	25	D	0.44	06.6		
20	08	64	06.5	HO	0008	37	20.2	77	16.2	6		7			*			00.0	T	25.40		1	L	25	X	0.45	06.5		
20	08	64	06.5	HO	0008	37	20.2	77	16.2	6		7			*			02.0				1	L	25	X	0.45	06.5		
20	08	64	06.5	HO	0008	37	20.2	77	16.2	6		7			*			04.0				1	L	23	X	0.44	06.5		
20	08	64	06.5	HO	0008	37	20.2	77	16.2	6		7			*			06.0				1	L	23	X	0.32	06.5		
20	08	64	07.0	HO	0008	37	20.2	77	16.2	6		7			*			00.0				1	D	22	D	0.44	07.1		
20	08	64	07.0	HO	0008	37	20.2	77	16.2	6		7			*			00.0	T	25.80		1	L	22	X	0.44	07.0		
20	08	64	07.0	HO	0008	37	20.2	77	16.2	6		7			*			02.0				1	L	22	X	0.38	07.0		
20	08	64	07.0	HO	0008	37	20.2	77	16.2	6		7			*			04.0				1	L	22	X	0.38	07.0		
20	08	64	07.0	HO	0008	37	20.2	77	16.2	6		7			*			06.0				1	L	22	X	0.38	07.0		
20	08	64	07.5	HO	0008	37	20.2	77	16.2	8		7			*	0.4		00.0				1	D	22	D	0.39	07.6		
20	08	64	07.5	HO	0008	37	20.2	77	16.2	8		7			*	0.4		00.0	T	25.60		1	L	22	X	0.38	07.5		
20	08	64	07.5	HO	0008	37	20.2	77	16.2	8		7			*	0.4		02.0				1	L	22	X	0.25	07.5		
20	08	64	07.5	HO	0008	37	20.2	77	16.2	8		7			*	0.4		04.0				1	L	22	X	0.25	07.5		
20	08	64	07.5	HO	0008	37	20.2	77	16.2	8		7			*	0.4		06.0				1	L	22	X	0.14	07.5		
20	08	64	08.0	HO	0008	37	20.2	77	16.2	6		7			*			00.0				1	D	23	D	0.26	08.1		
20	08	64	08.0	HO	0008	37	20.2	77	16.2	6		7			*			00.0	T	25.40		1	L	23	X	0.27	08.1		
20	08	64	08.0	HO	0008	37	20.2	77	16.2	6		7			*			02.0				1	L	23	X	0.26	08.1		
20	08	64	08.0	HO	0008	37	20.2	77	16.2	6		7			*			04.0				1	L	23	X	0.18	08.1		
20	08	64	08.0	HO	0008	37	20.2	77	16.2	6		7			*			06.0				1	L	23	X	0.16	08.1		
20	08	64	08.5	HO	0008	37	20.2	77	16.2	6		8			*			00.0				1	P	22		*	08.8		
20	08	64	08.5	HO	0008	37	20.2	77	16.2	6		8			*			00.0	T	26.00		1		*	S	0.07	08.8		
20	08	64	08.5	HO	0008	37	20.2	77	16.2	6		8			*			02.0				1		*	S	0.05	08.8		
20	08	64	08.5	HO	0008	37	20.2	77	16.2	6		8			*			04.0				1		*	S	0.05	08.8		
20	08	64	08.5	HO	0008	37	20.2	77	16.2	6		8			*			06.0				1	F	22	S	0.06	08.8		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
20	08	64	09.0	HO	0008	37	20.2	77	16.2	55		1		*	*			00.0				1	P	03	D	0.11	09.1		
20	08	64	09.0	HO	0008	37	20.2	77	16.2	55		1		*	*			00.0	T	26.00		1		*	S	0.10	09.0		
20	08	64	09.0	HO	0008	37	20.2	77	16.2	55		1		*	*			02.0				1		*	S	0.07	09.0		
20	08	64	09.0	HO	0008	37	20.2	77	16.2	55		1		*	*			04.0				1		*	S	0.09	09.0		
20	08	64	09.0	HO	0008	37	20.2	77	16.2	55		1		*	*			06.0				1	F	03	S	0.07	09.0		
20	08	64	09.5	HO	0008	37	20.2	77	16.2	55		1		*	*			00.0				1	P	04	D	0.42	09.6		
20	08	64	09.5	HO	0008	37	20.2	77	16.2	55		1		*	*			00.0	T	26.10		1		*	S	0.47	09.5		
20	08	64	09.5	HO	0008	37	20.2	77	16.2	55		1		*	*			02.0				1		*	S	0.44	09.5		
20	08	64	09.5	HO	0008	37	20.2	77	16.2	55		1		*	*			04.0				1		*	S	0.35	09.5		
20	08	64	09.5	HO	0008	37	20.2	77	16.2	55		1		*	*			06.0				1	F	05	S	0.26	09.5		
20	08	64	10.0	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0				1	P	04	D	0.49	10.1		
20	08	64	10.0	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0	T	26.10		1		*	S	0.51	10.0		
20	08	64	10.0	HO	0008	37	20.2	77	16.2	55		2		*	*			02.0				1		*	S	0.50	10.0		
20	08	64	10.0	HO	0008	37	20.2	77	16.2	55		2		*	*			04.0				1		*	S	0.39	10.0		
20	08	64	10.0	HO	0008	37	20.2	77	16.2	55		2		*	*			06.0				1	F	03	S	0.40	10.0		
20	08	64	10.5	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0				1	P	02	D	0.54	10.5		
20	08	64	10.5	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0	T	26.00		1		*	S	0.50	10.5		
20	08	64	10.5	HO	0008	37	20.2	77	16.2	55		2		*	*			02.0				1		*	S	0.50	10.5		
20	08	64	10.5	HO	0008	37	20.2	77	16.2	55		2		*	*			04.0				1		*	S	0.45	10.5		
20	08	64	10.5	HO	0008	37	20.2	77	16.2	55		2		*	*			06.0				1	F	04	S	0.50	10.5		
20	08	64	11.0	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0				1	P	04	D	0.54	11.0		
20	08	64	11.0	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0	T	26.00		1		*	S	0.51	11.0		
20	08	64	11.0	HO	0008	37	20.2	77	16.2	55		2		*	*			02.0				1		*	S	0.50	11.0		
20	08	64	11.0	HO	0008	37	20.2	77	16.2	55		2		*	*			04.0				1		*	S	0.50	11.0		
20	08	64	11.0	HO	0008	37	20.2	77	16.2	55		2		*	*			06.0				1	F	02	S	0.37	11.0		
20	08	64	11.5	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0				1	P	04	D	0.54	11.6		
20	08	64	11.5	HO	0008	37	20.2	77	16.2	55		2		*	*			00.0	T	26.10		1		*	S	0.50	11.5		
20	08	64	11.5	HO	0008	37	20.2	77	16.2	55		2		*	*			02.0				1		*	S	0.47	11.5		
20	08	64	11.5	HO	0008	37	20.2	77	16.2	55		2		*	*			04.0				1		*	S	0.47	11.5		
20	08	64	11.5	HO	0008	37	20.2	77	16.2	55		2		*	*			06.0				1	F	02	S	0.40	11.5		
20	08	64	12.0	HO	0008	37	20.2	77	16.2	55		3		*	*			00.0				1		*		*	12.1		
20	08	64	12.0	HO	0008	37	20.2	77	16.2	55		3		*	*			00.0	T	26.10		1		*	S	0.05	12.0		
20	08	64	12.0	HO	0008	37	20.2	77	16.2	55		3		*	*			02.0				1		*	S	0.47	12.0		
20	08	64	12.0	HO	0008	37	20.2	77	16.2	55		3		*	*			04.0						*	S	0.49	12.0		
20	08	64	12.0	HO	0008	37	20.2	77	16.2	55		3		*	*			06.0						*	S	0.32	12.0		
19	08	64	20.0	LA	0008	37	22.7	77	20.3	6		8	20		00			00.0	T	28.20		1	D	08	T	0.07	20.0		
19	08	64	20.0	LA	0008	37	22.7	77	20.3	6		8	20		00			02.0				1		*	T	0.05	20.0		
19	08	64	20.0	LA	0008	37	22.7	77	20.3	6		8	20		00			04.0				1	F	00	T	0.02	20.1		
19	08	64	20.0	LA	0008	37	22.7	77	20.3	6		8	20		00			06.0				1		*	T	0.02	20.1		
19	08	64	20.5	LA	0008	37	22.7	77	20.3	6		1			*			00.0	T	28.00		1	D	27	T	0.10	20.5		
19	08	64	20.5	LA	0008	37	22.7	77	20.3	6		1			*			02.0				1		*	T	0.11	20.5		
19	08	64	20.5	LA	0008	37	22.7	77	20.3	6		1			*			04.0				1	F	27	T	0.14	20.5		
19	08	64	20.5	LA	0008	37	22.7	77	20.3	6		1			*			04.0				1		*	T	0.12	20.6		
19	08	64	21.0	LA	0008	37	22.7	77	20.3	6		1	20		00			00.0	T	27.20		1		*		*	*		
19	08	64	21.0	LA	0008	37	22.7	77	20.3	6		1	20		00			00.0	J	23.93		1	D	27	T	0.34	21.0		
19	08	64	21.0	LA	0008	37	22.7	77	20.3	6		1	20		00			02.0	J	23.80		1		*	T	0.37	21.0		
19	08	64	21.0	LA	0008	37	22.7	77	20.3	6		1	20		00			04.0	J	23.63		1	F	27	T	0.37	21.1		
19	08	64	21.0	LA	0008	37	22.7	77	20.3	6		1	20		00			06.0	J	23.57		1		*	T	0.20	21.1		
19	08	64	21.5	LA	0008	37	22.7	77	20.3	6		1			*			00.0	T	27.30		1	D	28	T	0.32	21.5		
19	08	64	21.5	LA	0008	37	22.7	77	20.3	6		1			*			02.0				1		*	T	0.36	21.5		
19	08	64	21.5	LA	0008	37	22.7	77	20.3	6		1			*			04.0				1	F	28	T	0.37	21.5		
19	08	64	21.5	LA	0008	37	22.7	77	20.3	6		1			*			06.0				1		*	T	0.31	21.6		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
19	08	64	22.0	LA	0008	37	22.7	77	20.3	12		8		*	*			00.0	T	26.90		1	D	27	T	0.32	22.0		
19	08	64	22.0	LA	0008	37	22.7	77	20.3	12		8		*	*			02.0				1	F	28	T	0.39	22.0		
19	08	64	22.0	LA	0008	37	22.7	77	20.3	12		8		*	*			04.0				1	F	28	T	0.42	22.0		
19	08	64	22.0	LA	0008	37	22.7	77	20.3	12		8		*	*			06.0				1		*	T	0.28	22.1		
19	08	64	22.5	LA	0008	37	22.7	77	20.3	6		2			*			00.0	T	26.60		1	D	28	T	0.37	22.5		
19	08	64	22.5	LA	0008	37	22.7	77	20.3	6		2			*			02.0				1	F	27	T	0.41	22.5		
19	08	64	22.5	LA	0008	37	22.7	77	20.3	6		2			*			04.0				1	F	27	T	0.40	22.5		
19	08	64	22.5	LA	0008	37	22.7	77	20.3	6		2			*			06.0				1		*	T	0.23	22.6		
19	08	64	23.0	LA	0008	37	22.7	77	20.3	6		2	20		00			00.0				1	D	28	T	0.27	23.0		
19	08	64	23.0	LA	0008	37	22.7	77	20.3	6		2	20		00			02.0				1	F	28	T	0.35	23.0		
19	08	64	23.0	LA	0008	37	22.7	77	20.3	6		2	20		00			04.0				1	F	28	T	0.34	23.0		
19	08	64	23.0	LA	0008	37	22.7	77	20.3	6		2	20		00			06.0				1		*	T	0.25	23.1		
19	08	64	23.5	LA	0008	37	22.7	77	20.3	6		3			*			00.0	T	26.30		1	D	27	T	0.22	23.5		
19	08	64	23.5	LA	0008	37	22.7	77	20.3	6		3			*			02.0				1	F	27	T	0.18	23.5		
19	08	64	23.5	LA	0008	37	22.7	77	20.3	6		3			*			04.0				1	F	27	T	0.17	23.5		
19	08	64	23.5	LA	0008	37	22.7	77	20.3	6		3			*			06.0				1		*	T	0.20	23.6		
20	08	64	00.0	LA	0008	37	22.7	77	20.3	6		3	21		00			00.0	T	26.20		1	D	27	T	0.18	00.0		
20	08	64	00.0	LA	0008	37	22.7	77	20.3	6		3	21		00			02.0				1	F	27	T	0.23	00.1		
20	08	64	00.0	LA	0008	37	22.7	77	20.3	6		3	21		00			04.0				1	F	27	T	0.21	00.1		
20	08	64	00.0	LA	0008	37	22.7	77	20.3	6		3	21		00			06.0				1		*	T	0.11	00.2		
20	08	64	00.5	LA	0008	37	22.7	77	20.3	6		3			*			00.0	T	26.60		1	D	27	T	0.17	00.5		
20	08	64	00.5	LA	0008	37	22.7	77	20.3	6		3			*			02.0				1	F	27	T	0.17	00.5		
20	08	64	00.5	LA	0008	37	22.7	77	20.3	6		3			*			04.0				1	F	27	T	0.19	00.5		
20	08	64	00.5	LA	0008	37	22.7	77	20.3	6		3			*			06.0				1		*	T	0.10	00.5		
20	08	64	01.0	LA	0008	37	22.7	77	20.3	6		3	21		00			00.0	T	26.20		1	D	27	T	0.10	01.0		
20	08	64	01.0	LA	0008	37	22.7	77	20.3	6		3	21		00			02.0				1	F	27	T	0.16	01.0		
20	08	64	01.0	LA	0008	37	22.7	77	20.3	6		3	21		00			04.0				1	F	27	T	0.15	01.0		
20	08	64	01.0	LA	0008	37	22.7	77	20.3	6		3	21		00			06.0				1		*	T	0.09	01.0		
20	08	64	01.5	LA	0008	37	22.7	77	20.3	6		4			*			00.0	T	26.10		1	D	25	T	0.05	01.5		
20	08	64	01.5	LA	0008	37	22.7	77	20.3	6		4			*			02.0				1	F	25	T	0.07	01.5		
20	08	64	01.5	LA	0008	37	22.7	77	20.3	6		4			*			04.0				1	F	33	T	0.12	01.5		
20	08	64	01.5	LA	0008	37	22.7	77	20.3	6		4			*			06.0				1		*	T	0.04	01.5		
20	08	64	02.0	LA	0008	37	22.7	77	20.3	6		5	20		00			00.0	T	26.10		1	D	12	T	0.05	02.0		
20	08	64	02.0	LA	0008	37	22.7	77	20.3	6		5	20		00			02.0				1	F	09	T	0.03	02.0		
20	08	64	02.0	LA	0008	37	22.7	77	20.3	6		5	20		00			04.0				1	F	02	T	0.02	02.1		
20	08	64	02.0	LA	0008	37	22.7	77	20.3	6		5	20		00			06.0				1		*	T	0.03	02.1		
20	08	64	02.5	LA	0008	37	22.7	77	20.3	6		5			*			00.0	T	26.20		1	D	11	T	0.17	02.5		
20	08	64	02.5	LA	0008	37	22.7	77	20.3	6		5			*			02.0				1	F	11	T	0.13	02.5		
20	08	64	02.5	LA	0008	37	22.7	77	20.3	6		5			*			04.0				1	F	08	T	0.10	02.5		
20	08	64	02.5	LA	0008	37	22.7	77	20.3	6		5			*			06.0				1		*	T	0.07	02.5		
20	08	64	03.0	LA	0008	37	22.7	77	20.3	6		5	19		00			00.0	T	26.20		1	D	09	T	0.28	03.0		
20	08	64	03.0	LA	0008	37	22.7	77	20.3	6		5	19		00			02.0				1	F	09	T	0.27	03.0		
20	08	64	03.0	LA	0008	37	22.7	77	20.3	6		5	19		00			02.0				1	F	09	T	0.23	03.0		
20	08	64	03.0	LA	0008	37	22.7	77	20.3	6		5	19		00			06.0				1		*	T	0.15	03.1		
20	08	64	03.5	LA	0008	37	22.7	77	20.3	6		6			*			00.0	T	26.20		1	D	09	T	0.31	03.5		
20	08	64	03.5	LA	0008	37	22.7	77	20.3	6		6			*			02.0				1	F	09	T	0.26	03.5		
20	08	64	03.5	LA	0008	37	22.7	77	20.3	6		6			*			04.0				1	F	09	T	0.23	03.5		
20	08	64	03.5	LA	0008	37	22.7	77	20.3	6		6			*			06.0				1		*	T	0.13	03.6		
20	08	64	04.0	LA	0008	37	22.7	77	20.3	6		6	18		00			00.0	T	26.30		1	D	09	T	0.34	04.0		
20	08	64	04.0	LA	0008	37	22.7	77	20.3	6		6	18		00			02.0				1	F	09	T	0.33	04.0		
20	08	64	04.0	LA	0008	37	22.7	77	20.3	6		6	18		00			04.0				1	F	09	T	0.34	04.0		
20	08	64	04.0	LA	0008	37	22.7	77	20.3	6		6	18		00			06.0				1		*	T	0.24	04.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
20	08	64	04.5	LA	0008	37	22.7	77	20.3	6		6			*			00.0	T	26.40		1	D	09	T	0.38	04.5		
20	08	64	04.5	LA	0008	37	22.7	77	20.3	6		6			*			02.0				1	F	09	T	0.37	04.5		
20	08	64	04.5	LA	0008	37	22.7	77	20.3	6		6			*			04.0				1	F	09	T	0.33	04.5		
20	08	64	04.5	LA	0008	37	22.7	77	20.3	6		6			*			06.0				1		*	T	0.24	04.5		
20	08	64	05.0	LA	0008	37	22.7	77	20.3	6		6	17		00			00.0	T	25.90		1	D	09	T	0.40	05.0		
20	08	64	05.0	LA	0008	37	22.7	77	20.3	6		6	17		00			02.0				1	F	09	T	0.39	05.0		
20	08	64	05.0	LA	0008	37	22.7	77	20.3	6		6	17		00			04.0				1	F	09	T	0.31	05.0		
20	08	64	05.0	LA	0008	37	22.7	77	20.3	6		6	17		00			06.0				1		*	T	0.29	05.1		
20	08	64	05.5	LA	0008	37	22.7	77	20.3	6		6			*			00.0	T	25.70		1	D	09	T	0.37	05.5		
20	08	64	05.5	LA	0008	37	22.7	77	20.3	6		6			*			02.0				1	F	09	T	0.36	05.5		
20	08	64	05.5	LA	0008	37	22.7	77	20.3	6		6			*			04.0				1	F	09	T	0.30	05.5		
20	08	64	05.5	LA	0008	37	22.7	77	20.3	6		6			*			06.0				1		*	T	0.23	05.6		
20	08	64	06.0	LA	0008	37	22.7	77	20.3	*6		6	18	19	00	0.3		00.0	T	26.50		1	D	08	T	0.38	06.0		
20	08	64	06.0	LA	0008	37	22.7	77	20.3	*6		6	18	19	00	0.3		02.0				1	F	09	T	0.35	06.0		
20	08	64	06.0	LA	0008	37	22.7	77	20.3	*6		6	18	19	00	0.3		04.0				1	F	09	T	0.29	06.0		
20	08	64	06.0	LA	0008	37	22.7	77	20.3	*6		6	18	19	00	0.3		06.0				1		*	T	0.16	06.1		
20	08	64	06.5	LA	0008	37	22.7	77	20.3	6		7			*			00.0	T	26.80		1	D	10	T	0.37	06.5		
20	08	64	06.5	LA	0008	37	22.7	77	20.3	6		7			*			02.0				1	F	09	T	0.31	06.5		
20	08	64	06.5	LA	0008	37	22.7	77	20.3	6		7			*			04.0				1	F	09	T	0.30	06.5		
20	08	64	06.5	LA	0008	37	22.7	77	20.3	6		7			*			06.0				1		*	T	0.21	06.6		
20	08	64	07.0	LA	0008	37	22.7	77	20.3	*6		7	22	19	00	0.4		00.0	T	27.60		1	D	08	T	0.32	07.0		
20	08	64	07.0	LA	0008	37	22.7	77	20.3	*6		7	22	19	00	0.4		02.0				1	F	09	T	0.26	07.0		
20	08	64	07.0	LA	0008	37	22.7	77	20.3	*6		7	22	19	00	0.4		04.0				1	F	09	T	0.22	07.0		
20	08	64	07.0	LA	0008	37	22.7	77	20.3	*6		7	22	19	00	0.4		06.0				1		*	T	0.14	07.1		
20	08	64	07.5	LA	0008	37	22.7	77	20.3	6		7			*			00.0	T	27.60		1	D	09	T	0.30	07.5		
20	08	64	07.5	LA	0008	37	22.7	77	20.3	6		7			*			02.0				1	F	09	T	0.25	07.5		
20	08	64	07.5	LA	0008	37	22.7	77	20.3	6		7			*			04.0				1	F	09	T	0.11	07.5		
20	08	64	07.5	LA	0008	37	22.7	77	20.3	6		7			*			06.0				1		*	T	0.12	07.6		
20	08	64	08.0	LA	0008	37	22.7	77	20.3	*6		7	21	19	01	0.3		00.0	T	27.80		1	D	09	T	0.22	08.0		
20	08	64	08.0	LA	0008	37	22.7	77	20.3	*6		7	21	19	01	0.3		02.0				1	F	09	T	0.18	08.0		
20	08	64	08.0	LA	0008	37	22.7	77	20.3	*6		7	21	19	01	0.3		04.0				1	F	09	T	0.15	08.0		
20	08	64	08.0	LA	0008	37	22.7	77	20.3	*6		7	21	19	01	0.3		06.0				1		*	T	0.05	08.1		
20	08	64	08.5	LA	0008	37	22.7	77	20.3	6		7			*			00.0	T	28.10		1	D	10	T	0.17	08.5		
20	08	64	08.5	LA	0008	37	22.7	77	20.3	6		7			*			02.0				1	F	09	T	0.15	08.5		
20	08	64	08.5	LA	0008	37	22.7	77	20.3	6		7			*			04.0				1	F	09	T	0.11	08.5		
20	08	64	08.5	LA	0008	37	22.7	77	20.3	6		7			*			06.0				1		*	T	0.05	08.6		
20	08	64	09.0	LA	0008	37	22.7	77	20.3	*6		7	24	18	00	0.4		00.0	T	28.30		1	D	09	T	0.03	09.0		
20	08	64	09.0	LA	0008	37	22.7	77	20.3	*6		7	24	18	00	0.4		02.0				1	F	09	T	0.02	09.0		
20	08	64	09.0	LA	0008	37	22.7	77	20.3	*6		7	24	18	00	0.4		04.0				1	F	09	T	0.01	09.0		
20	08	64	09.0	LA	0008	37	22.7	77	20.3	*6		7	24	18	00	0.4		06.0				1		*	T	0.01	09.1		
20	08	64	09.5	LA	0008	37	22.7	77	20.3	6		8			*			00.0	T	28.30		1	D	27	T	0.11	09.5		
20	08	64	09.5	LA	0008	37	22.7	77	20.3	6		8			*			02.0				1	F	27	T	0.15	09.5		
20	08	64	09.5	LA	0008	37	22.7	77	20.3	6		8			*			04.0				1	F	27	T	0.16	09.5		
20	08	64	09.5	LA	0008	37	22.7	77	20.3	6		8			*			06.0				1		*	T	0.10	09.6		
20	08	64	10.0	LA	0008	37	22.7	77	20.3	*6		1	30	18	00	0.5		00.0	T	28.20		1	D	27	T	0.32	10.0		
20	08	64	10.0	LA	0008	37	22.7	77	20.3	*6		1	30	18	00	0.5		02.0				1	F	27	T	0.38	10.0		
20	08	64	10.0	LA	0008	37	22.7	77	20.3	*6		1	30	18	00	0.5		04.0				1	F	27	T	0.36	10.0		
20	08	64	10.0	LA	0008	37	22.7	77	20.3	*6		1	30	18	00	0.5		06.0				1		*	T	0.25	10.0		
19	08	64	21.0	BR	0008	37	27.9	77	25.2	7		8			*			00.0				1	L	*	D	*	21.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
19	08	64	21.5	BR	0008	37	27.9	77	25.2	7		2			*			00.0				1	P	35	D	0.21	21.6	
19	08	64	21.5	BR	0008	37	27.9	77	25.2	7		2			*			02.0						*	P	0.20	21.7	
19	08	64	21.5	BR	0008	37	27.9	77	25.2	7		2			*			04.0				1		*	P	0.21	21.7	
19	08	64	21.5	BR	0008	37	27.9	77	25.2	7		2			*			06.0				1		*	P	0.17	21.8	
19	08	64	21.5	BR	0008	37	27.9	77	25.2	7		2			*			07.0				1		*	P	0.12	21.8	
19	08	64	22.0	BR	0008	37	27.9	77	25.2	7		2			*			00.0				1	P	35	D	0.17	22.0	
19	08	64	22.0	BR	0008	37	27.9	77	25.2	7		2			*			02.0				1		*	P	0.15	22.1	
19	08	64	22.0	BR	0008	37	27.9	77	25.2	7		2			*			04.0				1		*	P	0.16	22.2	
19	08	64	22.0	BR	0008	37	27.9	77	25.2	7		2			*			06.0				1		*	P	0.14	22.2	
19	08	64	22.0	BR	0008	37	27.9	77	25.2	7		2			*			07.0				1		*	P	0.11	22.3	
19	08	64	22.5	BR	0008	37	27.9	77	25.2	7		3			*			00.0				1	P	35	D	0.12	22.5	
19	08	64	22.5	BR	0008	37	27.9	77	25.2	7		3			*			02.0				1	P	35	P	0.07	22.7	
19	08	64	22.5	BR	0008	37	27.9	77	25.2	7		3			*			04.0				1	P	00		*	22.8	
19	08	64	22.5	BR	0008	37	27.9	77	25.2	7		3			*			06.0				1	P	35	P	0.03	22.8	
19	08	64	22.5	BR	0008	37	27.9	77	25.2	7		3			*			07.0				1	P	35	P	0.00	22.9	
19	08	64	23.0	BR	0008	37	27.9	77	25.2	7		3			*			00.0				1	P	35	D	0.09	23.0	
19	08	64	23.0	BR	0008	37	27.9	77	25.2	7		3			*			02.0				1		*	P	0.06	23.3	
19	08	64	23.0	BR	0008	37	27.9	77	25.2	7		3			*			04.0						*	P	0.00	23.2	
19	08	64	23.0	BR	0008	37	27.9	77	25.2	7		3			*			06.0				1		*	P	0.06	23.2	
19	08	64	23.0	BR	0008	37	27.9	77	25.2	7		3			*			07.0				1		*	P	0.00	23.1	
19	08	64	23.5	BR	0008	37	27.9	77	25.2	7		3			*			00.0				1	P	35	D	0.00	23.5	
19	08	64	23.5	BR	0008	37	27.9	77	25.2	7		3			*			02.0				1		*	P	0.00	23.6	
19	08	64	23.5	BR	0008	37	27.9	77	25.2	7		3			*			04.0				1		*	P	0.00	23.6	
19	08	64	23.5	BR	0008	37	27.9	77	25.2	7		3			*			06.0				1		*	P	0.00	23.7	
19	08	64	23.5	BR	0008	37	27.9	77	25.2	7		3			*			07.0				1		*	P	0.00	23.7	
20	08	64	00.0	BR	0008	37	27.9	77	25.2	7		4			*			00.0				1	P	35	D	0.00	00.0	
20	08	64	00.0	BR	0008	37	27.9	77	25.2	7		4			*			02.0				1		*	P	0.00	00.1	
20	08	64	00.0	BR	0008	37	27.9	77	25.2	7		4			*			04.0				1		*	P	0.00	00.1	
20	08	64	00.0	BR	0008	37	27.9	77	25.2	7		4			*			06.0				1		*	P	0.00	00.2	
20	08	64	00.0	BR	0008	37	27.9	77	25.2	7		4			*			07.0				1		*	P	0.00	00.2	
20	08	64	00.5	BR	0008	37	27.9	77	25.2	7		4			*			00.0				1	P	33	D	0.00	00.5	
20	08	64	00.5	BR	0008	37	27.9	77	25.2	7		4			*			02.0				1		*	P	0.00	00.6	
20	08	64	00.5	BR	0008	37	27.9	77	25.2	7		4			*			04.0				1		*	P	0.00	00.6	
20	08	64	00.5	BR	0008	37	27.9	77	25.2	7		4			*			06.0				1		*	P	0.00	00.7	
20	08	64	00.5	BR	0008	37	27.9	77	25.2	7		4			*			07.0				1		*	P	0.00	00.7	
20	08	64	01.0	BR	0008	37	27.9	77	25.2	7		4			*			00.0				1	P	00	D	0.00	01.0	
20	08	64	01.0	BR	0008	37	27.9	77	25.2	7		4			*			02.0				1		*	P	0.00	01.1	
20	08	64	01.0	BR	0008	37	27.9	77	25.2	7		4			*			04.0				1		*	P	0.00	01.2	
20	08	64	01.0	BR	0008	37	27.9	77	25.2	7		4			*			06.0				1		*	P	0.06	01.2	
20	08	64	01.0	BR	0008	37	27.9	77	25.2	7		4			*			07.0				1		*	P	0.00	01.2	
20	08	64	01.5	BR	0008	37	27.9	77	25.2	7		4			*			00.0				1	P	00	D	0.00	01.6	
20	08	64	01.5	BR	0008	37	27.9	77	25.2	7		4			*			02.0				1		*	P	0.00	01.6	
20	08	64	01.5	BR	0008	37	27.9	77	25.2	7		4			*			04.0				1		*	P	0.00	01.7	
20	08	64	01.5	BR	0008	37	27.9	77	25.2	7		4			*			06.0				1		*	P	0.00	01.7	
20	08	64	01.5	BR	0008	37	27.9	77	25.2	7		4			*			07.0				1		*	P	0.00	01.7	
20	08	64	02.0	BR	0008	37	27.9	77	25.2	7		4			*			00.0				1	P	00	D	0.00	02.1	
20	08	64	02.0	BR	0008	37	27.9	77	25.2	7		4			*			02.0				1		*	P	0.00	02.1	
20	08	64	02.0	BR	0008	37	27.9	77	25.2	7		4			*			04.0				1		*	P	0.00	02.1	
20	08	64	02.0	BR	0008	37	27.9	77	25.2	7		4			*			06.0				1		*	P	0.00	02.2	
20	08	64	02.0	BR	0008	37	27.9	77	25.2	7		4			*			07.0				1		*	P	0.00	02.2	
20	08	64	02.5	BR	0008	37	27.9	77	25.2	7		4			*			00.0				1	P	00	D	0.00	02.6	
20	08	64	02.5	BR	0008	37	27.9	77	25.2	7		4			*			02.0				1		*	P	0.00	02.6	
20	08	64	02.5	BR	0008	37	27.9	77	25.2	7		4			*			04.0				1		*	P	0.00	02.6	
20	08	64	02.5	BR	0008	37	27.9	77	25.2	7		4			*			06.0				1		*	P	0.00	02.6	
20	08	64	02.5	BR	0008	37	27.9	77	25.2	7		4			*			07.0				1		*	P	0.00	02.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
20	08	64	03.0	BR	0008	37	27.9	77	25.2	7		5			*			00.0			1		P	00	D	0.00	03.1	
20	08	64	03.0	BR	0008	37	27.9	77	25.2	7		5			*			02.0			1			*	P	0.10	03.1	
20	08	64	03.0	BR	0008	37	27.9	77	25.2	7		5			*			04.0			1			*	P	0.12	03.2	
20	08	64	03.0	BR	0008	37	27.9	77	25.2	7		5			*			06.0			1			*	P	0.12	03.2	
20	08	64	03.0	BR	0008	37	27.9	77	25.2	7		5			*			07.0			1			*	P	0.12	03.3	
20	08	64	03.5	BR	0008	37	27.9	77	25.2	7		5			*			00.0			1		P	17	D	0.14	03.6	
20	08	64	03.5	BR	0008	37	27.9	77	25.2	7		5			*			02.0			1			*	P	0.13	03.6	
20	08	64	03.5	BR	0008	37	27.9	77	25.2	7		5			*			04.0			1			*	P	0.14	03.6	
20	08	64	03.5	BR	0008	37	27.9	77	25.2	7		5			*			06.0			1			*	P	0.11	03.7	
20	08	64	03.5	BR	0008	37	27.9	77	25.2	7		5			*			07.0			1			*	P	0.14	03.7	
20	08	64	04.0	BR	0008	37	27.9	77	25.2	7		5			*			00.0			1		P	16	D	0.13	04.1	
20	08	64	04.0	BR	0008	37	27.9	77	25.2	7		5			*			02.0			1			*	P	0.12	04.2	
20	08	64	04.0	BR	0008	37	27.9	77	25.2	7		5			*			04.0			1			*	P	0.11	04.2	
20	08	64	04.0	BR	0008	37	27.9	77	25.2	7		5			*			06.0			1			*	P	0.08	04.3	
20	08	64	04.0	BR	0008	37	27.9	77	25.2	7		5			*			07.0			1			*	P	0.11	04.3	
20	08	64	04.5	BR	0008	37	27.9	77	25.2	7		5			*			00.0			1		P	17	D	0.13	04.5	
20	08	64	04.5	BR	0008	37	27.9	77	25.2	7		5			*			02.0			1			*	P	0.07	04.8	
20	08	64	04.5	BR	0008	37	27.9	77	25.2	7		5			*			04.0			1			*	P	0.10	04.7	
20	08	64	04.5	BR	0008	37	27.9	77	25.2	7		5			*			06.0			1			*	P	0.08	04.7	
20	08	64	04.5	BR	0008	37	27.9	77	25.2	7		5			*			07.0			1			*	P	0.11	04.6	
20	08	64	05.0	BR	0008	37	27.9	77	25.2	7		5			*			00.0			1		P	17	D	0.12	05.0	
20	08	64	05.0	BR	0008	37	27.9	77	25.2	7		5			*			02.0			1			*	P	0.14	05.1	
20	08	64	05.0	BR	0008	37	27.9	77	25.2	7		5			*			04.0			1			*	P	0.09	05.2	
20	08	64	05.0	BR	0008	37	27.9	77	25.2	7		5			*			06.0			1			*	P	0.09	05.2	
20	08	64	05.0	BR	0008	37	27.9	77	25.2	7		5			*			07.0			1			*	P	0.10	05.3	
20	08	64	05.5	BR	0008	37	27.9	77	25.2	7		6			*			00.0			1		P	17	D	0.17	05.5	
20	08	64	05.5	BR	0008	37	27.9	77	25.2	7		6			*			02.0			1			*	P	0.10	05.7	
20	08	64	05.5	BR	0008	37	27.9	77	25.2	7		6			*			04.0			1			*	P	0.09	05.7	
20	08	64	05.5	BR	0008	37	27.9	77	25.2	7		6			*			06.0			1			*	P	0.09	05.6	
20	08	64	05.5	BR	0008	37	27.9	77	25.3	7		6			*			07.0						*	P	0.12	05.6	
20	08	64	06.0	BR	0008	37	27.9	77	25.2	7		6			*			00.0			1		P	17	D	0.16	06.0	
20	08	64	06.0	BR	0008	37	27.9	77	25.2	7		6			*			02.0			1			*	P	0.14	06.1	
20	08	64	06.0	BR	0008	37	27.9	77	25.2	7		6			*			04.0			1			*	P	0.13	06.3	
20	08	64	06.0	BR	0008	37	27.9	77	25.2	7		6			*			06.0			1			*	P	0.13	06.3	
20	08	64	06.0	BR	0008	37	27.9	77	25.2	7		6			*			07.0			1			*	P	0.13	06.3	
20	08	64	06.5	BR	0008	37	27.9	77	25.2	7		6			*			00.0			1		P	16	D	0.16	06.5	
20	08	64	06.5	BR	0008	37	27.9	77	25.2	7		6			*			02.0			1			*	P	0.13	06.7	
20	08	64	06.5	BR	0008	37	27.9	77	25.2	7		6			*			04.0			1			*	P	0.13	06.6	
20	08	64	06.5	BR	0008	37	27.9	77	25.2	7		6			*			06.0			1			*	P	0.12	06.6	
20	08	64	06.5	BR	0008	37	27.9	77	25.2	7		6			*			07.0			1			*	P	0.12	06.6	
20	08	64	07.0	BR	0008	37	27.9	77	25.2	7		6			*			00.0					P	16	D	0.17	07.0	
20	08	64	07.0	BR	0008	37	27.9	77	25.2	7		6			*			02.0			1			*	P	0.13	07.1	
20	08	64	07.0	BR	0008	37	27.9	77	25.2	7		6			*			04.0			1			*	P	0.14	07.1	
20	08	64	07.0	BR	0008	37	27.9	77	25.2	7		6			*			06.0			1			*	P	0.13	07.1	
20	08	64	07.0	BR	0008	37	27.9	77	25.2	7		6			*			07.0			1			*	P	0.12	07.2	
20	08	64	07.5	BR	0008	37	27.9	77	25.2	7		7			*			00.0			1		P	18	D	0.11	07.5	
20	08	64	07.5	BR	0008	37	27.9	77	25.2	7		7			*			02.0			1			*	P	0.14	07.6	
20	08	64	07.5	BR	0008	37	27.9	77	25.2	7		7			*			04.0						*	P	0.12	07.6	
20	08	64	07.5	BR	0008	37	27.9	77	25.2	7		7			*			06.0						*	P	0.11	07.7	
20	08	64	07.5	BR	0008	37	27.9	77	25.2	7		7			*			07.0			1			*	P	0.11	07.7	
20	08	64	08.0	BR	0008	37	27.9	77	25.2	7		7			*	0.6		00.0			1		P	17	D	0.10	08.0	
20	08	64	08.0	BR	0008	37	27.9	77	25.2	7		7			*	0.6		02.0			1			*	P	0.11	08.2	
20	08	64	08.0	BR	0008	37	27.9	77	25.2	7		7			*	0.6		04.0			1			*	P	0.13	08.2	
20	08	64	08.0	BR	0008	37	27.9	77	25.2	7		7			*	0.6		06.0			1			*	P	0.13	08.1	
20	08	64	08.0	BR	0008	37	27.9	77	25.2	7		7			*	0.6		07.0			1			*	P	0.13	08.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
20	08	64	08.5	BR	0008	37	27.9	77	25.2	7		7			*	0.6		00.0				1	P	17	D	0.09	08.6		
20	08	64	08.5	BR	0008	37	27.9	77	25.2	7		7			*	0.6		02.0				1		*	P	0.10	08.6		
20	08	64	08.5	BR	0008	37	27.9	77	25.2	7		7			*	0.6		04.0				1		*	P	0.11	08.7		
20	08	64	08.5	BR	0008	37	27.9	77	25.2	7		7			*	0.6		06.0				1		*	P	0.11	08.7		
20	08	64	08.5	BR	0008	37	27.9	77	25.2	7		7			*	0.6		07.0				1		*	P	0.09	08.7		
20	08	64	09.0	BR	0008	37	27.9	77	25.2	7		7			*	0.6		00.0				1	P	17	D	0.00	09.0		
20	08	64	09.0	BR	0008	37	27.9	77	25.2	7		7			*	0.6		02.0				1		*	P	0.07	09.2		
20	08	64	09.0	BR	0008	37	27.9	77	25.2	7		7			*	0.6		04.0				1		*	P	0.08	09.1		
20	08	64	09.0	BR	0008	37	27.9	77	25.2	7		7			*	0.6		06.0				1		*	P	0.07	09.1		
20	08	64	09.0	BR	0008	37	27.9	77	25.2	7		7			*	0.6		07.0				1		*	P	0.05	09.1		
20	08	64	09.5	BR	0008	37	27.9	77	25.2	7		8			*			00.0				1		*	D	0.00	09.5		
20	08	64	09.5	BR	0008	37	27.9	77	25.2	7		8			*			02.0				1		*	P	0.00	09.5		
20	08	64	09.5	BR	0008	37	27.9	77	25.2	7		8			*			04.0				1		*	P	0.00	09.6		
20	08	64	09.5	BR	0008	37	27.9	77	25.2	7		8			*			06.0				1		*	P	0.00	09.6		
20	08	64	09.5	BR	0008	37	27.9	77	25.2	7		8			*			07.0				1		*	P	0.00	09.6		
20	08	64	10.0	BR	0008	37	27.9	77	25.2	7		1			*			00.0				1		*	D	0.00	10.0		
20	08	64	10.0	BR	0008	37	27.9	77	25.2	7		1			*			02.0				1		77		*	10.0		
20	08	64	10.0	BR	0008	37	27.9	77	25.2	7		1			*			04.0				1		77		*	10.0		
20	08	64	10.0	BR	0008	37	27.9	77	25.2	7		1			*			06.0				1		77		*	10.0		
20	08	64	10.0	BR	0008	37	27.9	77	25.2	7		1			*			07.0				1		77		*	10.0		

Cruise 0009

Stations:

19
17
15
16
18
14

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
27	08	64	08.2	HO	0009	37	05.7	76	36.1	2		7			*			00.0			R	13.09	P	13	D	0.11	08.3		
27	08	64	08.2	HO	0009	37	05.7	76	36.1	2		7			*			02.0			R	13.11	P	09	Y	0.10	08.2		
27	08	64	08.5	HO	0009	37	05.7	76	36.1	2		8			*			00.0			R	13.06	P	00	D	0.09	08.7		
27	08	64	08.5	HO	0009	37	05.7	76	36.1	2		8			*			02.0			R	13.06	P	00	Y	0.04	08.7		
27	08	64	09.0	HO	0009	37	05.7	76	36.1	2		*			*			00.0			R	13.01	P	32	D	0.07	09.2		
27	08	64	09.0	HO	0009	37	05.7	76	36.1	2		*			*			02.0			R	13.02	P	34	Y	0.07	09.1		
27	08	64	09.5	HO	0009	37	05.7	76	36.1	2		*			*			00.0			R	13.06	P	30	D	0.21	09.6		
27	08	64	09.5	HO	0009	37	05.7	76	36.1	2		*			*			02.0			R	13.07	P	32	Y	0.16	09.6		
27	08	64	10.0	HO	0009	37	05.7	76	36.1	2		*			*	1.2		00.0			R	13.27	P	30	D	0.24	10.0		
27	08	64	10.0	HO	0009	37	05.7	76	36.1	2		*			*	1.2		02.0			R	13.32	P	30	Y	0.24	10.0		
27	08	64	10.5	HO	0009	37	05.7	76	36.1	2		*			*	1.2		00.0			R	13.72	P	31	D	0.28	10.6		
27	08	64	10.5	HO	0009	37	05.7	76	36.1	2		*			*	1.2		02.0			R	13.74	P	31	Y	0.25	10.6		
27	08	64	11.0	HO	0009	37	05.7	76	36.1	2		*			*			00.0			R	14.08	P	31	D	0.32	11.0		
27	08	64	11.0	HO	0009	37	05.7	76	36.1	2		*			*			02.0			R	14.18	P	32	Y	0.37	11.0		
27	08	64	11.5	HO	0009	37	05.7	76	36.1	2		*			*	1.2		00.0			R	14.58	P	31	D	0.19	11.5		
27	08	64	11.5	HO	0009	37	05.7	76	36.1	2		*			*	1.2		02.0			R	14.60	P	32	Y	0.25	11.5		
27	08	64	12.0	HO	0009	37	05.7	76	36.1	2		*			*	1.2		00.0			R	15.14	P	31	D	0.21	12.0		
27	08	64	12.0	HO	0009	37	05.7	76	36.1	2		*			*	1.2		02.0			R	15.18	P	32	Y	0.33	12.0		
27	08	64	12.5	HO	0009	37	05.7	76	36.1	2		*			*	1.2		00.0			R	15.53	P	31	D	0.30	12.5		
27	08	64	12.5	HO	0009	37	05.7	76	36.1	2		*			*	1.2		02.0			R	15.54	P	33	Y	0.25	12.5		
27	08	64	13.0	HO	0009	37	05.7	76	36.1	2		*			*			00.0			R	15.91	P	31	D	0.30	13.0		
27	08	64	13.0	HO	0009	37	05.7	76	36.1	2		*			*			02.0			R	15.94	P	32	Y	0.25	13.0		
27	08	64	13.5	HO	0009	37	05.7	76	36.1	2		*			*	1.4		00.0			R	16.24	P	31	D	0.30	13.5		
27	08	64	13.5	HO	0009	37	05.7	76	36.1	2		*			*	1.4		02.0			R	16.33	P	33	Y	0.25	13.5		
27	08	64	14.0	HO	0009	37	05.7	76	36.1	2		*			*	1.4		00.0			R	16.47	P	31	D	0.19	14.0		
27	08	64	14.0	HO	0009	37	05.7	76	36.1	2		*			*	1.4		02.0			R	16.49	P	33	Y	0.14	14.0		
27	08	64	14.5	HO	0009	37	05.7	76	36.1	2		4			*			00.0			R	16.58	P	31	D	0.11	14.5		
27	08	64	14.5	HO	0009	37	05.7	76	36.1	2		4			*			02.0			R	16.61		*	Y	0.07	14.5		
27	08	64	15.0	HO	0009	37	05.7	76	36.1	2		4			*	1.5		00.0			R	16.69	P	00	D	0.00	15.0		
27	08	64	15.0	HO	0009	37	05.7	76	36.1	2		4			*	1.5		02.0			R	16.74	P	00	Y	0.05	15.0		
27	08	64	15.5	HO	0009	37	05.7	76	36.1	2		4			*			00.0			R	16.74		*		*	15.5		
27	08	64	15.5	HO	0009	37	05.7	76	36.1	2		4			*			02.0			R	16.74		*	Y	0.05	15.5		
27	08	64	16.0	HO	0009	37	05.7	76	36.1	2		5			*	1.5		00.0			R	16.57	P	15	D	0.14	16.0		
27	08	64	16.0	HO	0009	37	05.7	76	36.1	2		5			*	1.5		02.0			R	16.57	P	12	Y	0.15	16.0		
27	08	64	16.5	HO	0009	37	05.7	76	36.1	2		5			*			00.0			R	16.42	P	15	D	0.25	16.5		
27	08	64	16.5	HO	0009	37	05.7	76	36.1	2		5			*			02.0			R	16.48	P	12	Y	0.20	16.5		
27	08	64	17.0	HO	0009	37	05.7	76	36.1	2		5			*	1.4		00.0			R	16.01	P	15	P	0.33	17.0		
27	08	64	17.0	HO	0009	37	05.7	76	36.1	2		5			*	1.4		02.0			R	16.39	P	11	Y	0.25	17.0		
27	08	64	17.5	HO	0009	37	05.7	76	36.1	2		5			*			00.0			R	15.53	P	15	D	0.24	17.7		
27	08	64	17.5	HO	0009	37	05.7	76	36.1	2		5			*			02.0			R	16.63	P	12	Y	0.25	17.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
27	08	64	18.0	HO	0009	37	05.7	76	36.1	2		5			*	1.3		00.0			R	15.46	P	15	D	0.24	18.1		
27	08	64	18.0	HO	0009	37	05.7	76	36.1	2		5			*	1.3		02.0			R	16.51	P	11	Y	0.25	18.0		
27	08	64	18.5	HO	0009	37	05.7	76	36.1	2		5			*			00.0			R	15.88	P	13	D	0.24	18.5		
27	08	64	18.5	HO	0009	37	05.7	76	36.1	2		5			*			02.0			R	16.13	P	13	Y	0.28	18.5		
27	08	64	19.0	HO	0009	37	05.7	76	36.1	2		*			*			00.0			R	15.63	P	14	D	0.21	19.1		
27	08	64	19.0	HO	0009	37	05.7	76	36.1	2		*			*			02.0			R	15.84	P	14	Y	0.20	19.0		
27	08	64	19.5	HO	0009	37	05.7	76	36.1	2		*			*			00.0			R	14.94	P	12	D	0.29	19.5		
27	08	64	19.5	HO	0009	37	05.7	76	36.1	2		*			*			02.0			R	14.98	P	14	Y	0.28	19.5		
27	08	64	20.0	HO	0009	37	05.7	76	36.1	2		*	24	5	04			00.0			R	14.09	P	15	D	0.25	20.0		
27	08	64	20.0	HO	0009	37	05.7	76	36.1	2		*	24	5	04			02.0			R	14.94	P	11	Y	0.16	20.1		
27	08	64	20.5	HO	0009	37	05.7	76	36.1	2		*			*			00.0			R	14.05	P	15	D	0.14	20.6		
27	08	64	20.5	HO	0009	37	05.7	76	36.1	2		*			*			00.0			R	14.05	P	15	D	0.14	20.6		
27	08	64	20.5	HO	0009	37	05.7	76	36.1	2		*			*			02.0			R	14.54	P	13	Y	0.15	20.5		
27	08	64	20.5	HO	0009	37	05.7	76	36.1	2		*			*			02.0			R	14.54	P	13	Y	0.15	20.5		
27	08	64	21.0	HO	0009	37	05.7	76	36.1	2		*			*			00.0			R	14.94	P	15	D	0.00	21.1		
27	08	64	21.0	HO	0009	37	05.7	76	36.1	2		*			*			02.0			R	14.90	P	00	Y	0.02	21.1		
27	08	64	21.5	HO	0009	37	05.7	76	36.1	2		*			*			00.0			R	13.92	P	27	D	0.07	21.6		
27	08	64	21.5	HO	0009	37	05.7	76	36.1	2		*			*			02.0			R	14.53	P	10	Y	0.05	21.6		
27	08	64	08.5	JB	0009	37	04.6	76	37.6	6		7			*	1.0		00.0	T	26.90	R	11.93		*	S	0.28	08.7		
27	08	64	08.5	JB	0009	37	04.6	76	37.6	6		7			*	1.0		02.0			R	12.40		*	S	0.14	08.7		
27	08	64	08.5	JB	0009	37	04.6	76	37.6	6		7			*	1.0		04.0			R	12.72		*	S	0.13	08.8		
27	08	64	08.5	JB	0009	37	04.6	76	37.6	6		7			*	1.0		06.0			R	12.95		*	S	0.27	08.9		
27	08	64	09.0	JB	0009	37	04.6	76	37.6	6		*	26		*	1.0		00.0	T	26.90	R	11.94	D	34	S	0.20	09.0		
27	08	64	09.0	JB	0009	37	04.6	76	37.6	6		*	26		*	1.0		02.0			R	11.91		*	S	0.10	09.0		
27	08	64	09.0	JB	0009	37	04.6	76	37.6	6		*	26		*	1.0		04.0			R	12.50		*	S	0.04	09.0		
27	08	64	09.0	JB	0009	37	04.6	76	37.6	6		*	26		*	1.0		06.0			R	13.08		*	S	0.30	09.0		
27	08	64	09.5	JB	0009	37	04.6	76	37.6	6		1			*			00.0	T	26.90	R	12.58	D	31	S	0.19	09.5		
27	08	64	09.5	JB	0009	37	04.6	76	37.6	6		1			*			02.0			R	12.89	F	31	S	0.19	09.5		
27	08	64	09.5	JB	0009	37	04.6	76	37.6	6		1			*			04.0			R	13.20		*	S	0.28	09.5		
27	08	64	09.5	JB	0009	37	04.6	76	37.6	6		1			*			06.0			R	13.25	F	31	S	0.08	09.6		
27	08	64	10.0	JB	0009	37	04.6	76	37.6	6		1			*	0.9		00.0	T	26.40	R	12.96	D	32	S	0.15	10.0		
27	08	64	10.0	JB	0009	37	04.6	76	37.6	6		1			*	0.9		02.0			R	13.18	F	33		*	10.0		
27	08	64	10.0	JB	0009	37	04.6	76	37.6	6		1			*	0.9		04.0			R	13.33		*	S	0.38	10.0		
27	08	64	10.0	JB	0009	37	04.6	76	37.6	6		1			*	0.9		06.0			R	13.39	F	33	S	0.33	10.0		
27	08	64	10.5	JB	0009	37	04.6	76	37.6	6		1			*			00.0	T	26.70	R	13.69	D	33	S	0.15	10.5		
27	08	64	10.5	JB	0009	37	04.6	76	37.6	6		1			*			02.0			R	13.71	F	33	S	0.18	10.5		
27	08	64	10.5	JB	0009	37	04.6	76	37.6	6		1			*			04.0			R	13.71		*	S	0.48	10.5		
27	08	64	10.5	JB	0009	37	04.6	76	37.6	6		1			*			06.0			R	13.70	F	33	S	0.40	10.5		
27	08	64	11.0	JB	0009	37	04.6	76	37.6	6		1			*	1.0		00.0	T	26.80	R	13.70	D	33	S	0.10	11.0		
27	08	64	11.0	JB	0009	37	04.6	76	37.6	6		1			*	1.0		02.0			R	13.78	F	33	S	0.25	11.0		
27	08	64	11.0	JB	0009	37	04.6	76	37.6	6		1			*	1.0		04.0			R	13.85		*	S	0.43	11.1		
27	08	64	11.0	JB	0009	37	04.6	76	37.6	6		1			*	1.0		06.0			R	13.88	F	33	S	0.35	11.1		
27	08	64	11.5	JB	0009	37	04.6	76	37.6	6		1			*			00.0	T	27.10	R	13.72	D	33	S	0.10	11.5		
27	08	64	11.5	JB	0009	37	04.6	76	37.6	6		1			*			02.0			R	14.06	F	33	S	0.29	11.5		
27	08	64	11.5	JB	0009	37	04.6	76	37.6	6		1			*			04.0			R	14.15		*	S	0.44	11.5		
27	08	64	11.5	JB	0009	37	04.6	76	37.6	6		1			*			06.0			R	14.17	F	33	S	0.37	11.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
27	08	64	12.0	JB	0009	37	04.6	76	37.6	6		1			*	0.5		00.0	T	27.10	R	14.64	D	30	S	0.15	12.0	
27	08	64	12.0	JB	0009	37	04.6	76	37.6	6		1			*	0.5		02.0			R	14.65	F	28	S	0.40	12.1	
27	08	64	12.0	JB	0009	37	04.6	76	37.6	6		1			*	0.5		04.0			R	14.63		*	S	0.35	12.1	
27	08	64	12.0	JB	0009	37	04.6	76	37.6	6		1			*	0.5		06.0			R	14.65	F	28	S	0.33	12.1	
27	08	64	12.5	JB	0009	37	04.6	76	37.6	6		1			*			00.0	T	27.40	R	15.11	D	30	S	0.10	12.5	
27	08	64	12.5	JB	0009	37	04.6	76	37.6	6		1			*			02.0			R	15.17	F	30	S	0.41	12.5	
27	08	64	12.5	JB	0009	37	04.6	76	37.6	6		1			*			04.0			R	15.25		*	S	0.40	12.5	
27	08	64	12.5	JB	0009	37	04.6	76	37.6	6		1			*			06.0			R	15.22	F	30	S	0.31	12.6	
27	08	64	13.0	JB	0009	37	04.6	76	37.6	6		2			*	0.5		00.0	T	26.90	R	15.32	D	33	S	0.37	13.1	
27	08	64	13.0	JB	0009	37	04.6	76	37.6	6		2			*	0.5		02.0			R	15.31	F	33	S	0.37	13.1	
27	08	64	13.0	JB	0009	37	04.6	76	37.6	6		2			*	0.5		04.0			R	16.06		*	S	0.38	13.1	
27	08	64	13.0	JB	0009	37	04.6	76	37.6	6		2			*	0.5		06.0			R	16.09	F	34	S	0.37	13.1	
27	08	64	13.5	JB	0009	37	04.6	76	37.6	6		2			*			00.0	T	26.80	R	16.19	D	35	S	0.34	13.6	
27	08	64	13.5	JB	0009	37	04.6	76	37.6	6		2			*			02.0			R	16.13	F	35	S	0.35	13.6	
27	08	64	13.5	JB	0009	37	04.6	76	37.6	6		2			*			04.0			R	16.32		*	S	0.25	13.6	
27	08	64	13.5	JB	0009	37	04.6	76	37.6	6		2			*			06.0			R	16.35	F	04	S	0.25	13.6	
27	08	64	14.0	JB	0009	37	04.6	76	37.6	6		3			*	0.5		00.0	T	26.80	R	16.50	D	33	S	0.31	14.0	
27	08	64	14.0	JB	0009	37	04.6	76	37.6	6		3			*	0.5		02.0			R	16.49	F	33	S	0.27	14.0	
27	08	64	14.0	JB	0009	37	04.6	76	37.6	6		3			*	0.5		04.0			R	16.51		*	S	0.22	14.0	
27	08	64	14.0	JB	0009	37	04.6	76	37.6	6		3			*	0.5		06.0			R	16.52	F	33	S	0.20	14.1	
27	08	64	14.5	JB	0009	37	04.6	76	37.6	6		3			*			00.0	T	26.90	R	16.40	D	31	S	0.31	14.5	
27	08	64	14.5	JB	0009	37	04.6	76	37.6	6		3			*			02.0			R	16.61	F	31	S	0.20	14.5	
27	08	64	14.5	JB	0009	37	04.6	76	37.6	6		3			*			04.0			R	16.42		*	S	0.17	14.5	
27	08	64	14.5	JB	0009	37	04.6	76	37.6	6		3			*			06.0			R	16.73	F	31	S	0.15	14.6	
27	08	64	15.0	JB	0009	37	04.6	76	37.6	6		3			*	0.6		00.0	T	26.20	R	16.43	D	33	S	0.28	15.1	
27	08	64	15.0	JB	0009	37	04.6	76	37.6	6		3			*	0.6		02.0			R	16.42	F	34	S	0.18	15.1	
27	08	64	15.0	JB	0009	37	04.6	76	37.6	6		3			*	0.6		04.0			R	16.84		*	S	0.10	15.1	
27	08	64	15.0	JB	0009	37	04.6	76	37.6	6		3			*	0.6		06.0			R	16.93	F	34	S	0.15	15.1	
27	08	64	15.5	JB	0009	37	04.6	76	37.6	6		3			*			00.0	T	26.50	R	16.22	D	35	S	0.20	15.5	
27	08	64	15.5	JB	0009	37	04.6	76	37.6	6		3			*			02.0			R	16.26	F	35	S	0.12	15.5	
27	08	64	15.5	JB	0009	37	04.6	76	37.6	6		3			*			04.0			R	16.92		*	S	0.10	15.5	
27	08	64	15.5	JB	0009	37	04.6	76	37.6	6		3			*			06.0			R	17.00	F	32	S	0.07	15.6	
27	08	64	16.0	JB	0009	37	04.6	76	37.6	6		5			*	0.7		00.0	T	26.50	R	16.09	D	16	S	0.15	16.0	
27	08	64	16.0	JB	0009	37	04.6	76	37.6	6		5			*	0.7		02.0					F	16	S	0.19	16.0	
27	08	64	16.0	JB	0009	37	04.6	76	37.6	6		5			*	0.7		04.0						*	S	0.15	16.0	
27	08	64	16.0	JB	0009	37	04.6	76	37.6	6		5			*	0.7		06.0					F	16	S	0.06	16.1	
27	08	64	16.5	JB	0009	37	04.6	76	37.6	6		5			*			02.0			R	16.10	F	13	S	0.29	16.5	
27	08	64	16.5	JB	0009	37	04.6	76	37.6	6		5			*			04.0			R	16.32		*	S	0.19	16.5	
27	08	64	16.5	JB	0009	37	04.6	76	37.6	6		5			*			06.0			R	16.86	F	13	S	0.21	16.6	
27	08	64	17.0	JB	0009	37	04.6	76	37.6	6		5			*	0.8		00.0	T	26.40	R	15.72	D	15		*	17.1	
27	08	64	17.0	JB	0009	37	04.6	76	37.6	6		5			*	0.8		02.0			R	15.67	F	13	S	0.30	17.2	
27	08	64	17.0	JB	0009	37	04.6	76	37.6	6		5			*	0.8		04.0			R	16.31		*	S	0.24	17.3	
27	08	64	17.0	JB	0009	37	04.6	76	37.6	6		5			*	0.8		06.0			R	16.38	F	13		*	17.3	
27	08	64	17.5	JB	0009	37	04.6	76	37.6	6		5			*			00.0	T	26.80	R	15.19	D	14	S	0.15	17.5	
27	08	64	17.5	JB	0009	37	04.6	76	37.6	6		5			*			02.0			R	15.12	F	13		*	17.5	
27	08	64	17.5	JB	0009	37	04.6	76	37.6	6		5			*			04.0			R	15.17		*		*	17.6	
27	08	64	17.5	JB	0009	37	04.6	76	37.6	6		5			*			06.0			R	15.24	F	13		*	17.6	
27	08	64	18.0	JB	0009	37	04.6	76	37.6	6		6			*			00.0	T	26.80	R	14.67	D	15	S	0.28	18.0	
27	08	64	18.0	JB	0009	37	04.6	76	37.6	6		6			*			02.0			R	14.67	F	14	S	0.37	18.0	
27	08	64	18.0	JB	0009	37	04.6	76	37.6	6		6			*			04.0			R	14.71		*	S	0.25	18.1	
27	08	64	18.0	JB	0009	37	04.6	76	37.6	6		6			*			06.0			R	15.19	F	14	S	0.22	18.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
27	08	64	18.5	JB	0009	37	04.6	76	37.6	6		6			*			00.0	T	26.70	R	14.47	D	13	S	0.23	18.5	
27	08	64	18.5	JB	0009	37	04.6	76	37.6	6		6			*			02.0			R	14.25	F	13	S	0.25	18.6	
27	08	64	18.5	JB	0009	37	04.6	76	37.6	6		6			*			04.0			R	14.24		*	S	0.23	18.7	
27	08	64	18.5	JB	0009	37	04.6	76	37.6	6		6			*			06.0			R	14.27	F	13	S	0.20	18.7	
27	08	64	19.0	JB	0009	37	04.6	76	37.6	6		6	24		*			00.0			R	14.34	D	12	S	0.15	19.0	
27	08	64	19.0	JB	0009	37	04.6	76	37.6	6		6	24		*			02.0			R	14.34	F	15	S	0.25	19.0	
27	08	64	19.0	JB	0009	37	04.6	76	37.6	6		6	24		*			04.0			R	14.43		*	S	0.28	19.0	
27	08	64	19.0	JB	0009	37	04.6	76	37.6	6		6	24		*			06.0			R	14.43	F	15	S	0.28	19.1	
27	08	64	19.5	JB	0009	37	04.6	76	37.6	6		6			*			00.0	T	26.80	R	14.38	D	13	S	0.13	19.5	
27	08	64	19.5	JB	0009	37	04.6	76	37.6	6		6			*			02.0			R	14.37	F	14	S	0.20	19.5	
27	08	64	19.5	JB	0009	37	04.6	76	37.6	6		6			*			04.0			R	14.37		*	S	0.23	19.6	
27	08	64	19.5	JB	0009	37	04.6	76	37.6	6		6			*			06.0			R	14.37	F	14	S	0.21	19.6	
27	08	64	20.0	JB	0009	37	04.6	76	37.6	6		7			*			00.0	T	26.70	R	14.47	D	11	S	0.17	20.0	
27	08	64	20.0	JB	0009	37	04.6	76	37.6	6		7			*			02.0			R	14.48	F	12	S	0.14	20.0	
27	08	64	20.0	JB	0009	37	04.6	76	37.6	6		7			*			04.0			R	14.49		*	S	0.20	20.0	
27	08	64	20.0	JB	0009	37	04.6	76	37.6	6		7			*			06.0			R	14.43	F	12	S	0.13	20.1	
27	08	64	20.5	JB	0009	37	04.6	76	37.6	6		7			*			00.0	T	26.50	R	14.35	P	14	S	0.20	20.5	
27	08	64	20.5	JB	0009	37	04.6	76	37.6	6		7			*			02.0			R	14.30	F	13	S	0.12	20.5	
27	08	64	20.5	JB	0009	37	04.6	76	37.6	6		7			*			04.0			R	14.34		*	S	0.11	20.5	
27	08	64	20.5	JB	0009	37	04.6	76	37.6	6		7			*			06.0			R	14.36	F	12	S	0.08	20.6	
27	08	64	21.0	JB	0009	37	04.6	76	37.6	6		8			*			00.0	T	26.70	R	13.48	D	17	S	0.18	21.0	
27	08	64	21.0	JB	0009	37	04.6	76	37.6	6		8			*			02.0			R	14.56	F	22	S	0.09	21.0	
27	08	64	21.0	JB	0009	37	04.6	76	37.6	6		8			*			04.0			R	14.02		*	S	0.05	21.0	
27	08	64	21.0	JB	0009	37	04.6	76	37.6	6		8			*			06.0			R	14.37	F	22	S	0.06	21.1	
27	08	64	21.5	JB	0009	37	04.6	76	37.6	6		1			*			00.0	T	26.70	R	13.51	D	23	S	0.20	21.5	
27	08	64	21.5	JB	0009	37	04.6	76	37.6	6		1			*			02.0			R	13.43	F	14	S	0.10	21.5	
27	08	64	21.5	JB	0009	37	04.6	76	37.6	6		1			*			04.0			R	14.05		*	S	0.08	21.6	
27	08	64	21.5	JB	0009	37	04.6	76	37.6	6		1			*			06.0			R	14.29	F	14	S	0.14	21.6	
27	08	64	09.0	LA	0009	37	03.5	76	39.1	4		7	27	7	04	0.9		00.0	T	26.70	R	12.35	D	18	T	0.32	09.2	
27	08	64	09.0	LA	0009	37	03.5	76	39.1	4		7	27	7	04	0.9		02.0			R	12.46	F	16	T	0.15	09.2	
27	08	64	09.0	LA	0009	37	03.5	76	39.1	4		7	27	7	04	0.9		03.0			R	12.58		*	T	0.00	09.2	
27	08	64	09.0	LA	0009	37	03.5	76	39.1	4		7	27	7	04	0.9		04.0			R	12.87		*	T	0.02	09.2	
27	08	64	09.5	LA	0009	37	03.5	76	39.1	4		7			*			00.0	T	26.80	R	12.45	D	18	T	0.25	09.5	
27	08	64	09.5	LA	0009	37	03.5	76	39.1	4		7			*			02.0			R	12.47	F	24	T	0.00	09.5	
27	08	64	09.5	LA	0009	37	03.5	76	39.1	4		7			*			03.0			R	12.52		*	T	0.00	09.5	
27	08	64	09.5	LA	0009	37	03.5	76	39.1	4		7			*			04.0			R	12.98		*	T	0.05	09.5	
27	08	64	10.0	LA	0009	37	03.5	76	39.1	4		7	27		05	0.8		00.0	T	26.70	R	12.49	D	17	T	0.30	10.1	
27	08	64	10.0	LA	0009	37	03.5	76	39.1	4		7	27		05	0.8		02.0			R	12.51	F	21	T	0.00	10.1	
27	08	64	10.0	LA	0009	37	03.5	76	39.1	4		7	27		05	0.8		03.0			R	12.90		*	T	0.05	10.1	
27	08	64	10.0	LA	0009	37	03.5	76	39.1	4		7	27		05	0.8		04.0			R	13.19		*	T	0.03	10.1	
27	08	64	10.5	LA	0009	37	03.5	76	39.1	7		1			*			00.0	T	26.60	R	12.55	D	13	T	0.15	10.6	
27	08	64	10.5	LA	0009	37	03.5	76	39.1	7		1			*			02.0			R	12.61	F	33	T	0.01	10.6	
27	08	64	10.5	LA	0009	37	03.5	76	39.1	7		1			*			03.0			R	13.02		*	T	0.01	10.6	
27	08	64	10.5	LA	0009	37	03.5	76	39.1	7		1			*			04.0			R	13.39		*	T	0.02	10.6	
27	08	64	11.0	LA	0009	37	03.5	76	39.1	4		1	29	9	03	0.8		00.0	T	27.20	R	12.45	D	35	T	0.15	11.0	
27	08	64	11.0	LA	0009	37	03.5	76	39.1	4		1	29	9	03	0.8		02.0			R	12.44	F	32	T	0.11	11.1	
27	08	64	11.0	LA	0009	37	03.5	76	39.1	4		1	29	9	03	0.8		03.0			R	12.93		*	T	0.11	11.1	
27	08	64	11.0	LA	0009	37	03.5	76	39.1	4		1	29	9	03	0.8		04.0			R	13.34		*	T	0.15	11.1	
27	08	64	11.5	LA	0009	37	03.5	76	39.1	4		1			*			00.0	T	27.30	R	12.55	D	33	T	0.22	11.5	
27	08	64	11.5	LA	0009	37	03.5	76	39.1	4		1			*			02.0			R	12.55	F	33	T	0.18	11.6	
27	08	64	11.5	LA	0009	37	03.5	76	39.1	4		1			*			03.0			R	12.96		*	T	0.20	11.6	
27	08	64	11.5	LA	0009	37	03.5	76	39.1	4		1			*			04.0			R	13.22		*	T	0.16	11.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
27	08	64	12.0	LA	0009	37	03.5	76	39.1	4	1	27	7	04	0.8	00.0	T	27.00	R	12.70	D	33	T	0.15	12.0
27	08	64	12.0	LA	0009	37	03.5	76	39.1	4	1	27	7	04	0.8	02.0			R	12.95	F	33	T	0.00	12.1
27	08	64	12.0	LA	0009	37	03.5	76	39.1	4	1	27	7	04	0.8	03.0			R	13.07		*	T	0.11	12.1
27	08	64	12.0	LA	0009	37	03.5	76	39.1	4	1	27	7	04	0.8	04.0			R	13.11		*	T	0.15	12.1
27	08	64	12.5	LA	0009	37	03.5	76	39.1	4	1			*		00.0	T	27.10	R	12.83	D	33	T	0.37	12.5
27	08	64	12.5	LA	0009	37	03.5	76	39.1	4	1			*		02.0			R	12.83	F	33	T	0.28	12.6
27	08	64	12.5	LA	0009	37	03.5	76	39.1	4	1			*		03.0			R	13.28		*	T	0.25	12.6
27	08	64	12.5	LA	0009	37	03.5	76	39.1	4	1			*		04.0			R	13.40		*	T	0.20	12.7
27	08	64	13.0	LA	0009	37	03.5	76	39.1	4	2	27	7	04	0.7	00.0	T	27.30	R	13.60	D	33	T	0.30	13.0
27	08	64	13.0	LA	0009	37	03.5	76	39.1	4	2	27	7	04	0.7	02.0			R	13.76	F	31	T	0.35	13.1
27	08	64	13.0	LA	0009	37	03.5	76	39.1	4	2	27	7	04	0.7	03.0			R	14.08		*	T	0.40	13.1
27	08	64	13.0	LA	0009	37	03.5	76	39.1	4	2	27	7	04	0.7	04.0			R	14.37		*	T	0.40	13.2
27	08	64	13.5	LA	0009	37	03.5	76	39.1	4	2			*		00.0	T	27.10	R	14.03	D	33	T	0.46	13.5
27	08	64	13.5	LA	0009	37	03.5	76	39.1	4	2			*		02.0			R	14.50	F	33	T	0.41	13.6
27	08	64	13.5	LA	0009	37	03.5	76	39.1	4	2			*		03.0			R	14.57		*	T	0.40	13.6
27	08	64	13.5	LA	0009	37	03.5	76	39.1	4	2			*		04.0			R	14.61		*	T	0.31	13.7
27	08	64	14.0	LA	0009	37	03.5	76	39.1	*4	3	27	11	06	0.7	00.0	T	26.70	R	14.84	D	33	T	0.32	14.0
27	08	64	14.0	LA	0009	37	03.5	76	39.1	*4	3	27	11	06	0.7	02.0			R	14.87	F	32	T	0.29	14.2
27	08	64	14.0	LA	0009	37	03.5	76	39.1	*4	3	27	11	06	0.7	03.0			R	14.88		*	T	0.30	14.2
27	08	64	14.0	LA	0009	37	03.5	76	39.1	*4	3	27	11	06	0.7	04.0			R	14.91		*	T	0.00	14.3
27	08	64	14.5	LA	0009	37	03.5	76	39.1	4	3			*		00.0	T	26.90	R	16.11	D	33	T	0.24	14.5
27	08	64	14.5	LA	0009	37	03.5	76	39.1	4	3			*		02.0			R	14.99	F	33	T	0.25	14.6
27	08	64	14.5	LA	0009	37	03.5	76	39.1	4	3			*		03.0			R	14.96		*	T	0.20	14.6
27	08	64	14.5	LA	0009	37	03.5	76	39.1	4	3			*		04.0			R	14.89		*	T	0.18	14.7
27	08	64	15.0	LA	0009	37	03.5	76	39.1	*4	3	27	10	06	0.5	00.0	T	27.10	R	15.08	D	32	T	0.25	15.2
27	08	64	15.0	LA	0009	37	03.5	76	39.1	*4	3	27	10	06	0.5	02.0			R	15.09	F	*	T	0.16	15.2
27	08	64	15.0	LA	0009	37	03.5	76	39.1	*4	3	27	10	06	0.5	03.0			R	15.18		*	T	0.15	15.2
27	08	64	15.0	LA	0009	37	03.5	76	39.1	*4	3	27	10	06	0.5	04.0			R	15.18		*	T	0.19	15.2
27	08	64	15.5	LA	0009	37	03.5	76	39.1	4	3			*		00.0			R	15.16	D	32	T	0.04	15.5
27	08	64	15.5	LA	0009	37	03.5	76	39.1	4	3			*		02.0			R	15.15	F	31	T	0.00	15.5
27	08	64	15.5	LA	0009	37	03.5	76	39.1	4	3			*		03.0			R	15.18		*	T	0.05	15.5
27	08	64	15.5	LA	0009	37	03.5	76	39.1	4	3			*		04.0			R	15.16		*	T	0.12	15.5
27	08	64	16.0	LA	0009	37	03.5	76	39.1	4	3	27	8	05	0.3	00.0	T	26.80	R	15.20	D	35	T	0.01	16.2
27	08	64	16.0	LA	0009	37	03.5	76	39.1	4	3	27	8	05	0.3	02.0			R	15.15	F	*	T	0.00	16.2
27	08	64	16.0	LA	0009	37	03.5	76	39.1	4	3	27	8	05	0.3	03.0			R	15.15		*	T	0.02	16.2
27	08	64	16.0	LA	0009	37	03.5	76	39.1	4	3	27	8	05	0.3	04.0			R	15.22		*	T	0.14	16.2
27	08	64	16.5	LA	0009	37	03.5	76	39.1	4	5			*		00.0	T	26.80	R	15.25	D	30	T	0.25	16.5
27	08	64	16.5	LA	0009	37	03.5	76	39.1	4	5			*		02.0			R	15.03	F	30	T	0.09	16.5
27	08	64	16.5	LA	0009	37	03.5	76	39.1	4	5			*		03.0			R	15.03		*	T	0.04	16.5
27	08	64	16.5	LA	0009	37	03.5	76	39.1	4	5			*		04.0			R	15.27		*	T	0.05	16.5
27	08	64	17.0	LA	0009	37	03.5	76	39.1	*4	5	26	11	08	0.6	00.0	T	26.60	R	15.68	D	15	T	0.30	17.2
27	08	64	17.0	LA	0009	37	03.5	76	39.1	*4	5	26	11	08	0.6	02.0			R	14.86	F	16	T	0.05	17.2
27	08	64	17.0	LA	0009	37	03.5	76	39.1	*4	5	26	11	08	0.6	03.0			R	15.07		*	T	0.04	17.2
27	08	64	17.0	LA	0009	37	03.5	76	39.1	*4	5	26	11	08	0.6	04.0			R	15.48		*	T	0.03	17.2
27	08	64	17.5	LA	0009	37	03.5	76	39.1	4	5			*		00.0	T	26.80	R	15.89	D	16	T	0.25	17.5
27	08	64	17.5	LA	0009	37	03.5	76	39.1	4	5			*		02.0			R	14.63	F	18	T	0.12	17.5
27	08	64	17.5	LA	0009	37	03.5	76	39.1	4	5			*		03.0			R	15.18		*	T	0.05	17.5
27	08	64	17.5	LA	0009	37	03.5	76	39.1	4	5			*		04.0			R	16.01		*	T	0.00	17.5
27	08	64	18.0	LA	0009	37	03.5	76	39.1	*4	5	25	11	07	0.8	00.0	T	26.80	R	16.06	D	17	T	0.25	18.1
27	08	64	18.0	LA	0009	37	03.5	76	39.1	*4	5	25	11	07	0.8	02.0			R	14.71		*	T	0.15	18.1
27	08	64	18.0	LA	0009	37	03.5	76	39.1	*4	5	25	11	07	0.8	03.0			R	16.04		*	T	0.08	18.1
27	08	64	18.0	LA	0009	37	03.5	76	39.1	*4	5	25	11	07	0.8	04.0			R	16.11		*	T	0.04	18.1

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
27	08	64	18.5	LA	0009	37	03.5	76	39.1	4		6			*			00.0	T	26.70	R	14.33	D	17	T	0.30	18.6		
27	08	64	18.5	LA	0009	37	03.5	76	39.1	4		6			*			02.0			R	15.54	F	18	T	0.19	18.6		
27	08	64	18.5	LA	0009	37	03.5	76	39.1	4		6			*			03.0			R	16.11		*	T	0.10	18.6		
27	08	64	18.5	LA	0009	37	03.5	76	39.1	4		6			*			04.0			R	16.12		*	T	0.02	18.6		
27	08	64	19.0	LA	0009	37	03.5	76	39.1	4		5	25	4	05			00.0	T	26.80	R	13.63	D	17	T	0.40	19.1		
27	08	64	19.0	LA	0009	37	03.5	76	39.1	4		5	25	4	05			02.0			R	14.68	F	16	T	0.30	19.1		
27	08	64	19.0	LA	0009	37	03.5	76	39.1	4		5	25	4	05			03.0			R	15.98		*	T	0.10	19.1		
27	08	64	19.0	LA	0009	37	03.5	76	39.1	4		5	25	4	05			04.0			R	16.02		*	T	0.10	19.1		
27	08	64	19.5	LA	0009	37	03.5	76	39.1	4		6			*			00.0	T	26.60	R	13.47	D	17	T	0.35	19.7		
27	08	64	19.5	LA	0009	37	03.5	76	39.1	4		6			*			02.0			R	13.57	F	16	T	0.35	19.7		
27	08	64	19.5	LA	0009	37	03.5	76	39.1	4		6			*			03.0			R	15.23		*	T	0.32	19.7		
27	08	64	19.5	LA	0009	37	03.5	76	39.1	4		6			*			04.0			R	15.27		*	T	0.27	19.7		
27	08	64	20.0	LA	0009	37	03.5	76	39.1	4		6	24	5	04			00.0	T	26.40	R	13.55	D	16	T	0.37	20.1		
27	08	64	20.0	LA	0009	37	03.5	76	39.1	4		6	24	5	04			02.0			R	13.49	F	18	T	0.35	20.1		
27	08	64	20.0	LA	0009	37	03.5	76	39.1	4		6	24	5	04			03.0			R	13.40		*	T	0.22	20.2		
27	08	64	20.0	LA	0009	37	03.5	76	39.1	4		6	24	5	04			04.0			R	13.42		*	T	0.20	20.2		
27	08	64	20.5	LA	0009	37	03.5	76	39.1	4		6			*			00.0	T	26.70	R	13.19	D	17	T	0.50	20.7		
27	08	64	20.5	LA	0009	37	03.5	76	39.1	4		6			*			02.0			R	13.70	F	18	T	0.45	20.7		
27	08	64	20.5	LA	0009	37	03.5	76	39.1	4		6			*			03.0			R	13.96		*	T	0.31	20.7		
27	08	64	20.5	LA	0009	37	03.5	76	39.1	4		6			*			04.0			R	14.04		*	T	0.30	20.7		
27	08	64	21.0	LA	0009	37	03.5	76	39.1	4		6	24	9	05			00.0	T	26.20	R	13.46	D	18	T	0.45	21.1		
27	08	64	21.0	LA	0009	37	03.5	76	39.1	4		6	24	9	05			02.0			R	13.46	F	18	T	0.32	21.1		
27	08	64	21.0	LA	0009	37	03.5	76	39.1	4		6	24	9	05			03.0			R	13.49		*	T	0.27	21.1		
27	08	64	21.0	LA	0009	37	03.5	76	39.1	4		6	24	9	05			04.0			R	13.49		*	T	0.18	21.1		
27	08	64	21.5	LA	0009	37	03.5	76	39.1	4		7			*			00.0	T	26.80	R	13.35	D	18	T	0.27	21.6		
27	08	64	21.5	LA	0009	37	03.5	76	39.1	4		7			*			02.0			R	13.35	F	17	T	0.27	21.6		
27	08	64	21.5	LA	0009	37	03.5	76	39.1	4		7			*			03.0			R	13.42		*	T	0.19	21.6		
27	08	64	21.5	LA	0009	37	03.5	76	39.1	4		7			*			04.0			R	14.25		*	T	0.04	21.6		
27	08	64	22.0	LA	0009	37	03.5	76	39.1	4		7	24	9	03			00.0	T	26.70	R	13.19	D	15	T	0.21	22.2		
27	08	64	22.0	LA	0009	37	03.5	76	39.1	4		7	24	9	03			02.0			R	13.50	F	17	T	0.10	22.2		
27	08	64	22.0	LA	0009	37	03.5	76	39.1	4		7	24	9	03			03.0			R	13.92		*	T	0.06	22.2		
27	08	64	22.0	LA	0009	37	03.5	76	39.1	4		7	24	9	03			04.0			R	14.34		*	T	0.00	22.2		
27	08	64	22.5	LA	0009	37	03.5	76	39.1	4		7			*			00.0	T	26.50	R	13.15	D	16	T	0.15	22.6		
27	08	64	22.5	LA	0009	37	03.5	76	39.1	4		7			*			02.0			R	13.72	F	*	T	0.00	22.6		
27	08	64	22.5	LA	0009	37	03.5	76	39.1	4		7			*			03.0			R	13.81		*	T	0.05	22.6		
27	08	64	22.5	LA	0009	37	03.5	76	39.1	4		7			*			04.0			R	14.64		*	T	0.05	22.6		
27	08	64	23.0	LA	0009	37	03.5	76	39.1	*4		8	24	10	05			00.0	T	26.50	R	13.38	D	10	T	0.17	23.2		
27	08	64	23.0	LA	0009	37	03.5	76	39.1	*4		8	24	10	05			02.0			R	13.50	F	00	T	0.06	23.2		
27	08	64	23.0	LA	0009	37	03.5	76	39.1	*4		8	24	10	05			03.0			R	14.60		*	T	0.12	23.2		
27	08	64	23.0	LA	0009	37	03.5	76	39.1	*4		8	24	10	05			04.0			R	14.02		*	T	0.05	23.3		
27	08	64	23.5	LA	0009	37	03.5	76	39.1	4		8			*			00.0	T	26.60	R	13.70	D	07	T	0.20	23.6		
27	08	64	23.5	LA	0009	37	03.5	76	39.1	4		8			*			02.0			R	14.97	F	32	T	0.07	23.6		
27	08	64	23.5	LA	0009	37	03.5	76	39.1	4		8			*			03.0			R	15.04		*	T	0.09	23.6		
27	08	64	23.5	LA	0009	37	03.5	76	39.1	4		8			*			04.0			R	15.05		*	T	0.08	23.6		
28	08	64	00.0	LA	0009	37	03.5	76	39.1	*4		1	25	10	04			00.0	T	26.60	R	13.22	D	36	T	0.24	00.1		
28	08	64	00.0	LA	0009	37	03.5	76	39.1	*4		1	25	10	04			02.0			R	13.19	F	28	T	0.14	00.1		
28	08	64	00.0	LA	0009	37	03.5	76	39.1	*4		1	25	10	04			03.0			R	13.98		*	T	0.12	00.2		
28	08	64	00.0	LA	0009	37	03.5	76	39.1	*4		1	25	10	04			04.0			R	15.41		*	T	0.06	00.2		
27	08	64	09.0	BR	0009	37	04.1	76	38.4	2		7			*	0.7		00.0	T	26.70	R	12.83		*	U	0.18	09.0		
27	08	64	09.0	BR	0009	37	04.1	76	38.4	2		7			*	0.7		00.0					D	22	D	0.12	09.2		
27	08	64	09.0	BR	0009	37	04.1	76	38.4	2		7			*	0.7		01.0			R	12.88		*	U	0.11	09.1		
27	08	64	09.0	BR	0009	37	04.1	76	38.4	2		7			*	0.7		01.5			R	12.94		*	U	0.09	09.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
27	08	64	09.5	BR	0009	37	04.1	76	38.4	2		1			*			00.0			R	13.06	P	28	U	0.12	09.5		
27	08	64	09.5	BR	0009	37	04.1	76	38.4	2		1			*			01.5			R	13.04		*	U	0.22	09.5		
27	08	64	10.0	BR	0009	37	04.1	76	38.4	2		1			*	1.0		00.0	T	26.70	R	13.14		*	U	0.25	10.0		
27	08	64	10.0	BR	0009	37	04.1	76	38.4	2		1			*	1.0		00.0					P	30	D	0.23	10.1		
27	08	64	10.0	BR	0009	37	04.1	76	38.4	2		1			*	1.0		01.5			R	13.09		*	U	0.17	10.1		
27	08	64	10.5	BR	0009	37	04.1	76	38.4	1		1			*			00.0			R	13.58		*	U	0.30	10.5		
27	08	64	10.5	BR	0009	37	04.1	76	38.4	1		1			*			00.0					P	32	D	0.25	10.6		
27	08	64	10.5	BR	0009	37	04.1	76	38.4	1		1			*			01.5			R	13.59		*	U	0.40	10.5		
27	08	64	11.0	BR	0009	37	04.1	76	38.4	2		1			*	0.8		00.0	T	26.70	R	14.04		*	U	0.39	11.0		
27	08	64	11.0	BR	0009	37	04.1	76	38.4	2		1			*	0.8		00.0					P	34	D	0.30	11.1		
27	08	64	11.0	BR	0009	37	04.1	76	38.4	2		1			*	0.8		01.5			R	14.15		*	U	0.33	11.0		
27	08	64	12.0	BR	0009	37	04.1	76	38.4	2		*			*	0.6		00.0	T	27.20	R	14.68	D	35	U	0.37	12.0		
27	08	64	12.0	BR	0009	37	04.1	76	38.4	2		*			*	0.6		00.0					P	35	D	0.30	12.0		
27	08	64	12.0	BR	0009	37	04.1	76	38.4	2		*			*	0.6		01.5			R	14.70		*	U	0.30	12.0		
27	08	64	12.6	BR	0009	37	04.1	76	38.4	*2		*	27	27	04			00.0	T	27.00	R	14.77		*	U	0.30	12.6		
27	08	64	12.6	BR	0009	37	04.1	76	38.4	*2		*	27	27	04			00.0					P	35	D	0.25	12.7		
27	08	64	12.6	BR	0009	37	04.1	76	38.4	*2		*	27	27	04			01.5			R	14.76		*	U	0.31	12.6		
27	08	64	13.0	BR	0009	37	04.1	76	38.4	*2		*	27	25	04	0.5		00.0	T	26.80	R	14.91		*	U	0.32	13.0		
27	08	64	13.0	BR	0009	37	04.1	76	38.4	*2		*	27	25	04	0.5		00.0					P	34	D	0.23	13.1		
27	08	64	13.0	BR	0009	37	04.1	76	38.4	*2		*	27	25	04	0.5		01.5			R	14.95		*	U	0.30	13.0		
27	08	64	13.6	BR	0009	37	04.1	76	38.4	2		*			*			00.0	T	26.80	R	15.11		*	U	0.32	13.6		
27	08	64	13.6	BR	0009	37	04.1	76	38.4	2		*			*			00.0					P	35	D	0.22	13.7		
27	08	64	13.6	BR	0009	37	04.1	76	38.4	2		*			*			01.5			R	15.09		*	U	0.22	13.6		
27	08	64	14.0	BR	0009	37	04.1	76	38.4	*2		*	27	11	06	0.6		00.0	T	27.00	R	15.37		*	U	0.32	14.0		
27	08	64	14.0	BR	0009	37	04.1	76	38.4	*2		*	27	11	06	0.6		01.5			R	15.36		*	U	0.22	14.0		
27	08	64	14.5	BR	0009	37	04.1	76	38.4	2		*			*			00.0	T	27.00	R	15.53	P	33	U	0.22	14.5		
27	08	64	14.5	BR	0009	37	04.1	76	38.4	2		*			*			01.5			R	15.51		*	U	0.22	14.5		
27	08	64	15.0	BR	0009	37	04.1	76	38.4	*2		4		10	06	0.6		00.0	T	26.90	R	15.76	P	33	U	0.17	15.0		
27	08	64	15.0	BR	0009	37	04.1	76	38.4	*2		4		10	06	0.6		01.5			R	15.77		*	U	0.14	15.0		
27	08	64	15.5	BR	0009	37	04.1	76	38.4	2		4			*			00.0	T	27.00	R	15.84	P	32	U	0.12	15.5		
27	08	64	15.5	BR	0009	37	04.1	76	38.4	2		4			*			01.5			R	15.84		*	U	0.14	15.5		
27	08	64	16.0	BR	0009	37	04.1	76	38.4	2		5	27	8	05			00.0	T	26.90	R	15.92	P	24	U	0.10	16.0		
27	08	64	16.5	BR	0009	37	04.1	76	38.4	2		5			*			00.0			R	15.82		*	U	0.15	16.5		
27	08	64	16.0	BR	0009	37	04.1	76	38.4	2		5	27	8	05			01.5			R	15.92		*	U	0.24	16.0		
27	08	64	16.5	BR	0009	37	04.1	76	38.4	2		5			*			00.0					P	20	D	0.13	16.6		
27	08	64	16.5	BR	0009	37	04.1	76	38.4	2		5			*			01.5			R	15.82		*	U	0.23	16.5		
27	08	64	17.0	BR	0009	37	04.1	76	38.4	2		5			*	0.6		00.0	T	26.60	R	15.69	P	20	U	0.11	17.0		
27	08	64	17.0	BR	0009	37	04.1	76	38.4	2		5			*	0.6		01.5			R	15.65		*	U	0.23	17.0		
27	08	64	17.5	BR	0009	37	04.1	76	38.4	2		*			*			00.0			R	15.38	P	20	U	0.16	17.5		
27	08	64	17.5	BR	0009	37	04.1	76	38.4	2		*			*			01.5			R	15.37		*	U	0.29	17.5		
27	08	64	18.0	BR	0009	37	04.1	76	38.4	2		5			*			00.0	T	26.70	R	15.17	P	20	U	0.18	18.0		
27	08	64	18.0	BR	0009	37	04.1	76	38.4	2		5			*			01.5			R	15.17		*	U	0.30	18.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
27	08	64	18.5	BR	0009	37	04.1	76	38.4	2		6			*			00.0			R	15.11	P	19	U	0.12	18.5	
27	08	64	18.5	BR	0009	37	04.1	76	38.4	2		6			*			01.5			R	15.10		*	U	0.33	18.5	
27	08	64	19.0	BR	0009	37	04.1	76	38.4	2		7			*			00.0	T	26.70	R	15.01		*	U	0.11	19.0	
27	08	64	19.0	BR	0009	37	04.1	76	38.4	2		7			*			00.0					P	19	D	0.19	19.0	
27	08	64	19.0	BR	0009	37	04.1	76	38.4	2		7			*			01.5			R	15.00		*	U	0.29	19.0	
27	08	64	19.5	BR	0009	37	04.1	76	38.4	2		7			*			00.0			R	14.32		*	U	0.11	19.5	
27	08	64	19.5	BR	0009	37	04.1	76	38.4	2		7			*			00.0					P	20	D	0.14	19.6	
27	08	64	19.5	BR	0009	37	04.1	76	38.4	2		7			*			01.5			R	14.30		*	U	0.28	19.5	
27	08	64	20.0	BR	0009	37	04.1	76	38.4	2		7			*			00.0	T	26.70	R	14.27		*	U	0.16	20.0	
27	08	64	20.0	BR	0009	37	04.1	76	38.4	2		7			*			00.0					P	21	D	0.15	20.1	
27	08	64	20.0	BR	0009	37	04.1	76	38.4	2		7			*			01.5			R	14.23		*	U	0.25	20.0	
27	08	64	20.5	BR	0009	37	04.1	76	38.4	2		7			*			00.0			R	14.43		*	U	0.13	20.5	
27	08	64	20.5	BR	0009	37	04.1	76	38.4	2		7			*			00.0					P	22	D	0.18	20.6	
27	08	64	20.5	BR	0009	37	04.1	76	38.4	2		7			*			01.5			R	14.43		*	U	0.19	20.5	
27	08	64	21.0	BR	0009	37	04.1	76	38.4	2		7			*			00.0	T	26.30	R	14.34	P	22	U	0.15	21.0	
27	08	64	21.0	BR	0009	37	04.1	76	38.4	2		7			*			01.5			R	14.34		*	U	0.18	21.0	
27	08	64	21.5	BR	0009	37	04.1	76	38.4	2		8			*			00.0			R	13.36	P	25	U	0.05	21.5	
27	08	64	21.5	BR	0009	37	04.1	76	38.4	2		8			*			01.5			R	14.35		*	U	0.10	21.5	
27	08	64	22.0	BR	0009	37	04.1	76	38.4	2		1			*			00.0	T	26.40	R	13.39	P	30	U	0.04	22.0	
27	08	64	22.0	BR	0009	37	04.1	76	38.4	2		1			*			01.5			R	13.40		*	U	0.04	22.0	
27	08	64	09.0	TB	0009	37	05.2	76	36.7	7		8			*	1.0		00.0	T	26.90	R	11.90	L	21	D	0.09	09.2	
27	08	64	09.0	TB	0009	37	05.2	76	36.7	7		8			*	1.0		02.0			R	11.96		*	U	0.05	09.1	
27	08	64	09.0	TB	0009	37	05.2	76	36.7	7		8			*	1.0		04.0			R	12.50		*	U	0.03	09.1	
27	08	64	09.0	TB	0009	37	05.2	76	36.7	7		8			*	1.0		06.0			R	13.14	P	33	U	0.09	09.1	
27	08	64	09.5	TB	0009	37	05.2	76	36.7	7		8			*			00.0			R	12.39	L	24	D	0.09	09.6	
27	08	64	09.5	TB	0009	37	05.2	76	36.7	7		8			*			02.0			R	12.42		*	U	0.10	09.5	
27	08	64	09.5	TB	0009	37	05.2	76	36.7	7		8			*			04.0			R	12.74		*	U	0.15	09.5	
27	08	64	09.5	TB	0009	37	05.2	76	36.7	7		8			*			06.0			R	13.22	P	34	U	0.30	09.5	
27	08	64	10.0	TB	0009	37	05.2	76	36.7	7		1			*	1.1		00.0	T	27.00	R	12.17	L	31	D	0.20	10.1	
27	08	64	10.0	TB	0009	37	05.2	76	36.7	7		1			*	1.1		02.0			R	12.24		*	U	0.20	10.0	
27	08	64	10.0	TB	0009	37	05.2	76	36.7	7		1			*	1.1		04.0			R	13.26		*	U	0.35	10.0	
27	08	64	10.0	TB	0009	37	05.2	76	36.7	7		1			*	1.1		06.0			R	14.93	P	34	U	0.40	10.0	
27	08	64	10.5	TB	0009	37	05.2	76	36.7	7		1			*			00.0			R	12.26	L	31	D	0.30	10.6	
27	08	64	10.5	TB	0009	37	05.2	76	36.7	7		1			*			02.0			R	12.37		*	U	0.28	10.5	
27	08	64	10.5	TB	0009	37	05.2	76	36.7	7		1			*			04.0			R	13.40		*	U	0.29	10.5	
27	08	64	10.5	TB	0009	37	05.2	76	36.7	7		1			*			06.0			R	14.19	P	34	U	0.45	10.5	
27	08	64	11.0	TB	0009	37	05.2	76	36.7	7		*			*	1.1		00.0	T	27.80	R	12.56	L	33	D	0.41	11.1	
27	08	64	11.0	TB	0009	37	05.2	76	36.7	7		*			*	1.1		02.0			R	12.84		*	U	0.40	11.0	
27	08	64	11.0	TB	0009	37	05.2	76	36.7	7		*			*	1.1		04.0			R	13.82		*	U	0.15	11.0	
27	08	64	11.0	TB	0009	37	05.2	76	36.7	7		*			*	1.1		06.0			R	14.34	P	34	U	0.14	11.0	
27	08	64	11.5	TB	0009	37	05.2	76	36.7	7		1			*			00.0			R	13.49	L	32	D	0.30	11.5	
27	08	64	11.5	TB	0009	37	05.2	76	36.7	7		1			*			02.0			R	13.72		*	U	*	11.5	
27	08	64	11.5	TB	0009	37	05.2	76	36.7	7		1			*			04.0			R	14.04		*	U	*	11.5	
27	08	64	11.5	TB	0009	37	05.2	76	36.7	7		1			*			06.0			R	14.39	P	34	U	*	11.5	
27	08	64	12.0	TB	0009	37	05.2	76	36.7	7		*			*	1.3		00.0	T	27.20	R	14.08	L	32	D	0.42	12.1	
27	08	64	12.0	TB	0009	37	05.2	76	36.7	7		*			*	1.3		02.0			R	14.41		*		*	12.1	
27	08	64	12.0	TB	0009	37	05.2	76	36.7	7		*			*	1.3		04.0			R	14.82		*		*	12.1	
27	08	64	12.0	TB	0009	37	05.2	76	36.7	7		*			*	1.3		06.0			R	15.44	P	36		*	12.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
27	08	64	12.5	TB	0009	37	05.2	76	36.7	7		2			*			00.0			R	15.13	L	32	D	0.49	12.5	
27	08	64	12.5	TB	0009	37	05.2	76	36.7	7		2			*			02.0			R	15.31		*	U	0.47	12.5	
27	08	64	12.5	TB	0009	37	05.2	76	36.7	7		2			*			04.0			R	15.82		*	U	0.50	12.5	
27	08	64	12.5	TB	0009	37	05.2	76	36.7	7		2			*			06.0			R	16.19	P	35	U	0.55	12.5	
27	08	64	13.0	TB	0009	37	05.2	76	36.7	7		2			*	1.3		00.0	T	27.00	R	15.73	L	33	D	0.42	13.0	
27	08	64	13.0	TB	0009	37	05.2	76	36.7	7		2			*	1.3		02.0			R	16.11		*	U	0.37	13.1	
27	08	64	13.0	TB	0009	37	05.2	76	36.7	7		2			*	1.3		04.0			R	16.59		*	U	0.50	13.1	
27	08	64	13.0	TB	0009	37	05.2	76	36.7	7		2			*	1.3		06.0			R	16.69	P	33	U	0.50	13.1	
27	08	64	13.5	TB	0009	37	05.2	76	36.7	7		*			*			00.0			R	16.61	L	33	D	0.50	13.5	
27	08	64	13.5	TB	0009	37	05.2	76	36.7	7		*			*			02.0			R	16.67		*	U	0.38	13.5	
27	08	64	13.5	TB	0009	37	05.2	76	36.7	7		*			*			04.0			R	16.73		*	U	0.48	13.5	
27	08	64	13.5	TB	0009	37	05.2	76	36.7	7		*			*			06.0			R	16.73	P	32	U	0.48	13.6	
27	08	64	14.0	TB	0009	37	05.2	76	36.7	7		3			*	1.5		00.0	T	26.90	R	16.68	L	33	D	0.35	14.0	
27	08	64	14.0	TB	0009	37	05.2	76	36.7	7		3			*	1.5		02.0			R	16.77		*	U	0.34	14.1	
27	08	64	14.0	TB	0009	37	05.2	76	36.7	7		3			*	1.5		04.0			R	16.82		*	U	0.35	14.1	
27	08	64	14.0	TB	0009	37	05.2	76	36.7	7		3			*	1.5		06.0			R	16.88	P	33	U	0.45	14.0	
27	08	64	14.5	TB	0009	37	05.2	76	36.7	7		3			*			00.0			R	16.89	L	34	D	0.30	14.5	
27	08	64	14.5	TB	0009	37	05.2	76	36.7	7		3			*			02.0			R	16.90		*	U	0.30	14.5	
27	08	64	14.5	TB	0009	37	05.2	76	36.7	7		3			*			04.0			R	16.94		*	U	0.32	14.5	
27	08	64	14.5	TB	0009	37	05.2	76	36.7	7		3			*			06.0			R	17.01	P	33	U	0.38	14.5	
27	08	64	15.0	TB	0009	37	05.2	76	36.7	7		3			*	1.3		00.0	T	26.70	R	17.12	L	33	D	0.21	15.0	
27	08	64	15.0	TB	0009	37	05.2	76	36.7	7		3			*	1.3		02.0			R	17.12		*	U	0.18	15.0	
27	08	64	15.0	TB	0009	37	05.2	76	36.7	7		3			*	1.3		04.0			R	17.20		*	U	0.20	15.0	
27	08	64	15.0	TB	0009	37	05.2	76	36.7	7		3			*	1.3		06.0			R	17.37	P	33	U	0.25	15.0	
27	08	64	15.5	TB	0009	37	05.2	76	36.7	7		4			*			00.0			R	17.20	L	00	D	0.00	15.5	
27	08	64	15.5	TB	0009	37	05.2	76	36.7	7		4			*			02.0			R	17.20		*	U	0.06	15.6	
27	08	64	15.5	TB	0009	37	05.2	76	36.7	7		4			*			04.0			R	17.31		*	U	0.08	15.6	
27	08	64	15.5	TB	0009	37	05.2	76	36.7	7		4			*			06.0			R	17.52	P	00	U	0.10	15.6	
27	08	64	16.0	TB	0009	37	05.2	76	36.7	7		4			*	1.2		00.0	T	26.90	R	17.11	L	00	P	0.00	16.0	
27	08	64	16.0	TB	0009	37	05.2	76	36.7	7		4			*	1.2		02.0			R	17.23		*	U	0.08	16.0	
27	08	64	16.0	TB	0009	37	05.2	76	36.7	7		4			*	1.2		04.0			R	17.27		*	U	0.04	16.0	
27	08	64	16.0	TB	0009	37	05.2	76	36.7	7		4			*	1.2		06.0			R	17.32	P	00	U	0.04	16.0	
27	08	64	16.5	TB	0009	37	05.2	76	36.7	7		5			*			00.0			R	16.94	L	16	D	0.23	16.5	
27	08	64	16.5	TB	0009	37	05.2	76	36.7	7		5			*			02.0			R	16.95		*	U	0.19	16.6	
27	08	64	16.5	TB	0009	37	05.2	76	36.7	7		5			*			04.0			R	17.37		*	U	0.18	16.6	
27	08	64	16.5	TB	0009	37	05.2	76	36.7	7		5			*			06.0			R	17.53	P	15	U	0.13	16.6	
27	08	64	17.0	TB	0009	37	05.2	76	36.7	7		5			*	1.0		00.0	T	26.60	R	16.78	L	17	D	0.26	17.0	
27	08	64	17.5	TB	0009	37	05.2	76	36.7	7		6			*			06.0			R	16.60	P	16	U	0.30	17.0	
27	08	64	17.5	TB	0009	37	05.2	76	36.7	7		6			*			04.0			R	16.62		*	U	0.40	17.0	
27	08	64	17.5	TB	0009	37	05.2	76	36.7	7		6			*			02.0			R	16.71		*	U	0.45	17.0	
27	08	64	17.5	TB	0009	37	05.2	76	36.7	7		6			*			00.0			R	17.31	L	17	D	0.35	17.0	
27	08	64	17.0	TB	0009	37	05.2	76	36.7	7		5			*	1.0		06.0			R	17.41	P	15	U	0.24	17.0	
27	08	64	17.0	TB	0009	37	05.2	76	36.7	7		5			*	1.0		04.0			R	16.80		*	U	0.31	17.0	
27	08	64	17.0	TB	0009	37	05.2	76	36.7	7		5			*	1.0		02.0			R	16.77		*	U	0.32	17.0	
27	08	64	18.0	TB	0009	37	05.2	76	36.7	7		6			*	1.0		00.0	T	27.00	R	16.25	L	16	D	0.36	18.0	
27	08	64	18.0	TB	0009	37	05.2	76	36.7	7		6			*	1.0		02.0			R	16.20		*	U	0.45	18.0	
27	08	64	18.0	TB	0009	37	05.2	76	36.7	7		6			*	1.0		04.0			R	16.47		*	U	0.46	18.0	
27	08	64	18.0	TB	0009	37	05.2	76	36.7	7		6			*	1.0		06.0			R	16.83	P	16	U	0.30	18.0	
27	08	64	18.5	TB	0009	37	05.2	76	36.7	7		6			*			00.0			R	14.17	L	17	D	0.50	18.5	
27	08	64	18.5	TB	0009	37	05.2	76	36.7	7		6			*			02.0			R	15.04		*	U	0.50	18.5	
27	08	64	18.5	TB	0009	37	05.2	76	36.7	7		6			*			04.0			R	15.97		*	U	0.46	18.5	
27	08	64	18.5	TB	0009	37	05.2	76	36.7	7		6			*			06.0			R	16.40	P	17	U	0.27	18.5	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
27	08	64	19.0	TB	0009	37	05.2	76	36.7	7		6			*			00.0	T	27.00	R	14.42	L	16	D	0.47	19.0		
27	08	64	19.0	TB	0009	37	05.2	76	36.7	7		6			*			02.0			R	14.67		*	U	0.49	19.0		
27	08	64	19.0	TB	0009	37	05.2	76	36.7	7		6			*			04.0			R	15.32		*	U	0.36	19.0		
27	08	64	19.0	TB	0009	37	05.2	76	36.7	7		6			*			06.0			R	16.12	P	16	U	0.25	19.1		
27	08	64	19.5	TB	0009	37	05.2	76	36.7	7		6			*			00.0			R	14.41	L	17	D	0.44	19.5		
27	08	64	19.5	TB	0009	37	05.2	76	36.7	7		6			*			02.0			R	14.51		*	U	0.50	19.5		
27	08	64	19.5	TB	0009	37	05.2	76	36.7	7		6			*			04.0			R	14.79		*	U	0.46	19.5		
27	08	64	19.5	TB	0009	37	05.2	76	36.7	7		6			*			06.0			R	15.51	P	17	U	0.32	19.5		
27	08	64	20.0	TB	0009	37	05.2	76	36.7	7		6			*			00.0	T	26.80	R	13.91	L	17	D	0.44	*		
27	08	64	20.0	TB	0009	37	05.2	76	36.7	7		6			*			02.0			R	14.07		*	U	0.44	*		
27	08	64	20.0	TB	0009	37	05.2	76	36.7	7		6			*			04.0			R	14.19		*	U	0.35	*		
27	08	64	20.0	TB	0009	37	05.2	76	36.7	7		6			*			06.0			R	15.04	P	17	U	0.20	*		
27	08	64	20.5	TB	0009	37	05.2	76	36.7	7		*			*			00.0			R	13.54	L	17	D	0.39	*		
27	08	64	20.5	TB	0009	37	05.2	76	36.7	7		*			*			02.0			R	13.77		*	U	0.36	*		
27	08	64	20.5	TB	0009	37	05.2	76	36.7	7		*			*			04.0			R	13.95		*	U	0.29	*		
27	08	64	20.5	TB	0009	37	05.2	76	36.7	7		*			*			06.0			R	14.92	P	17	U	0.09	*		
27	08	64	21.0	TB	0009	37	05.2	76	36.7	6		7			*			00.0	T	26.60	R	13.35	L	17	D	0.28	*		
27	08	64	21.0	TB	0009	37	05.2	76	36.7	6		7			*			02.0			R	13.38		*	U	0.25	*		
27	08	64	21.0	TB	0009	37	05.2	76	36.7	6		7			*			04.0			R	13.36		*	U	0.20	*		
27	08	64	21.0	TB	0009	37	05.2	76	36.7	6		7			*			06.0			R	14.11	P	17	U	0.10	*		
27	08	64	21.5	TB	0009	37	05.2	76	36.7	7		7			*			00.0			R	13.19	L	21	D	0.15	21.5		
27	08	64	21.5	TB	0009	37	05.2	76	36.7	7		7			*			02.0			R	13.37		*	U	0.09	21.5		
27	08	64	21.5	TB	0009	37	05.2	76	36.7	7		7			*			04.0			R	13.74		*	U	0.05	21.5		
27	08	64	21.5	TB	0009	37	05.2	76	36.7	7		7			*			06.0			R	14.94	P	34	U	0.10	21.6		
27	08	64	09.5	IN	0009	37	03.0	76	39.7	2		8			*	0.6		00.0			R	13.41		*		*	*		
27	08	64	09.5	IN	0009	37	03.0	76	39.7	2		8			*	0.6		02.0			R	13.42		*		*	*		
27	08	64	10.0	IN	0009	37	03.0	76	39.7	2		*			*			00.0			R	13.31		*		*	*		
27	08	64	10.0	IN	0009	37	03.0	76	39.7	2		*			*			02.0			R	13.41		*		*	*		
27	08	64	10.5	IN	0009	37	03.0	76	39.7	2		1			*	0.6		00.0			R	13.18	L	32	D	0.44	10.5		
27	08	64	10.5	IN	0009	37	03.0	76	39.7	2		1			*	0.6		02.0			R	13.33	L	32		*	*		
27	08	64	11.0	IN	0009	37	03.0	76	39.7	2		1			*	0.6		00.0			R	13.14	L	34	D	0.17	11.0		
27	08	64	11.0	IN	0009	37	03.0	76	39.7	2		1			*	0.6		02.0			R	13.18	L	34		*	*		
27	08	64	11.5	IN	0009	37	03.0	76	39.7	2		1			*	0.6		00.0			R	13.38	L	34	D	0.19	11.5		
27	08	64	11.5	IN	0009	37	03.0	76	39.7	2		1			*	0.6		02.0			R	13.40		*		*	*		
27	08	64	12.0	IN	0009	37	03.0	76	39.7	*2		*	27	27	04	0.5		00.0			R	13.32	D	01	D	0.18	12.0		
27	08	64	12.0	IN	0009	37	03.0	76	39.7	*2		*	27	27	04	0.5		02.0			R	13.42		*		*	*		
27	08	64	12.5	IN	0009	37	03.0	76	39.7	2		*			*			00.0			R	13.41	D	02	D	0.16	12.5		
27	08	64	12.5	IN	0009	37	03.0	76	39.7	2		*			*			02.0			R	13.42		*		*	*		
27	08	64	13.0	IN	0009	37	03.0	76	39.7	*2		*	27	25	04	0.5		00.0	T	27.20	R	13.42	D	02	D	0.16	13.0		
27	08	64	13.0	IN	0009	37	03.0	76	39.7	*2		*	27	25	04	0.5		02.0	T	27.40	R	13.44		*		*	*		
27	08	64	13.5	IN	0009	37	03.0	76	39.7	2		*			*			00.0			R	13.46	D	02	D	0.12	13.5		
27	08	64	13.5	IN	0009	37	03.0	76	39.7	2		*			*			02.0			R	13.46		*		*	*		
27	08	64	14.0	IN	0009	37	03.0	76	39.7	*2		*	27	11	06	0.6		00.0	T	27.10	R	13.53	D	02	P	0.11	14.0		
27	08	64	14.0	IN	0009	37	03.0	76	39.7	*2		*	27	11	06	0.6		02.0	T	27.00	R	13.54		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
27	08	64	14.5	IN	0009	37	03.0	76	39.7	2		*			*			00.0			R	13.56	D	03	D	0.08	14.5		
27	08	64	14.5	IN	0009	37	03.0	76	39.7	2		*			*			02.0			R	13.58		*		*	*		
27	08	64	15.0	IN	0009	37	03.0	76	39.7	*2		*	27	10	06	0.5		00.0	T	27.20	R	13.78	D	00	D	0.00	15.0		
27	08	64	15.0	IN	0009	37	03.0	76	39.7	*2		*	27	10	06	0.5		02.0	T	27.20	R	13.86		*		*	*		
27	08	64	15.5	IN	0009	37	03.0	76	39.7	2		*			*			00.0			R	13.85	D	00	D	0.00	15.5		
27	08	64	15.5	IN	0009	37	03.0	76	39.7	2		*			*			02.0			R	13.85		*		*	*		
27	08	64	16.0	IN	0009	37	03.0	76	39.7	2		*			*	0.5		00.0	T	27.20	R	13.93		*		*	*		
27	08	64	16.0	IN	0009	37	03.0	76	39.7	2		*			*	0.5		02.0	T	27.30	R	13.96		*		*	*		
27	08	64	16.5	IN	0009	37	03.0	76	39.7	2		*			*			00.0			R	13.91		*		*	*		
27	08	64	16.5	IN	0009	37	03.0	76	39.7	2		*			*			02.0			R	13.96		*		*	*		
27	08	64	17.0	IN	0009	37	03.0	76	39.7	2		4			*			00.0						*		*	*		
27	08	64	17.0	IN	0009	37	03.0	76	39.7	2		4			*			02.0						*		*	*		
27	08	64	17.5	IN	0009	37	03.0	76	39.7	2		4			*			00.0	T	26.50	R	13.82		*		*	*		
27	08	64	18.0	IN	0009	37	03.0		9.	2		*			*			00.0		2.0	R	1.9		*		*	*		
27	08	64	17.5	IN	0009	37	03.0	76	39.7	2		4			*			02.0			R	13.78		*		*	*		
27	08	64	18.0	IN	0009	37	03.0	76	39.7	2		5			*			02.0			R	13.67		*		*	*		
27	08	64	18.5	IN	0009	37	03.0	76	39.7	2		5			*			00.0	T	27.00	R	13.71	L	15	D	0.11	18.8		
27	08	64	18.5	IN	0009	37	03.0	76	39.7	2		5			*			02.0			R	13.66		*		*	*		
27	08	64	19.0	IN	0009	37	03.0	76	39.7	2		5			*			00.0	T	26.00	R	13.67	L	15	D	0.16	19.0		
27	08	64	19.0	IN	0009	37	03.0	76	39.7	2		5			*			02.0			R	13.62		*		*	*		
27	08	64	19.5	IN	0009	37	03.0	76	39.7	2		6			*			00.0	T	26.50	R	13.64	L	15	P	0.18	19.5		
27	08	64	19.5	IN	0009	37	03.0	76	39.7	2		6			*			02.0			R	13.65	L	15	P	0.15	19.5		
27	08	64	20.5	IN	0009	37	03.0	76	39.7	2		6			*			00.0	T	26.50	R	13.63	L	15	P	0.19	20.5		
27	08	64	20.5	IN	0009	37	03.0	76	39.7	2		6			*			02.0			R	13.63	L	15	P	0.18	20.5		
27	08	64	21.0	IN	0009	37	03.0	76	39.7	2		7			*			00.0	T	26.00	R	13.64	L	11	P	0.09	21.0		
27	08	64	21.0	IN	0009	37	03.0	76	39.7	2		7			*			02.0			R	13.59		*		*	*		
27	08	64	21.6	IN	0009	37	03.0	76	39.7	2		*			*			00.0			R	13.61		*		*	*		
27	08	64	21.6	IN	0009	37	03.0	76	39.7	2		*			*			02.0			R	13.57		*		*	*		
27	08	64	22.0	IN	0009	37	03.0	76	39.7	2		*			*			00.0	T	26.60	R	13.54	D	24		*	22.0		
27	08	64	22.0	IN	0009	37	03.0	76	39.7	2		*			*			02.0			R	13.57		*		*	*		
27	08	64	22.5	IN	0009	37	03.0	76	39.7	2		*			*			00.0			R	13.53	D	33		*	22.5		
27	08	64	22.5	IN	0009	37	03.0	76	39.7	2		*			*			02.0			R	13.53		*		*	*		

Cruise 0010

Stations:

37
36
29

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
25	08	64	05.5	BR	0010	37	23.7	76	54.3	6		*			*			00.0	T	27.40		1	P	22	D	0.33	*		
25	08	64	05.5	BR	0010	37	23.7	76	54.3	6		*			*			02.0				1		*	S	0.32	*		
25	08	64	05.5	BR	0010	37	23.7	76	54.3	6		*			*			04.0				1		*	S	0.30	*		
25	08	64	05.5	BR	0010	37	23.7	76	54.3	6		*			*			06.0				1		*	S	0.19	05.8		
25	08	64	06.0	BR	0010	37	23.7	76	54.3	6		*			*	0.6		00.0	T	27.30		1	P	21	D	0.32	*		
25	08	64	06.0	BR	0010	37	23.7	76	54.3	6		*			*	0.6		02.0				1		*	S	0.25	*		
25	08	64	06.0	BR	0010	37	23.7	76	54.3	6		*			*	0.6		04.0				1		*	S	0.27	*		
25	08	64	06.0	BR	0010	37	23.7	76	54.3	6		*			*	0.6		06.0				1		*	S	0.21	06.2		
25	08	64	06.5	BR	0010	37	23.7	76	54.3	6		*			*			00.0	T	27.30		1	P	21	D	0.28	*		
25	08	64	07.0	BR	0010	37	23.7	76	54.3	6		*			*	0.6		00.0	T	27.10		1	P	22	D	0.21	*		
25	08	64	07.5	BR	0010	37	23.7	76	54.3	6		*			*			00.0	T	27.10		1	P	21	D	0.16	07.7		
25	08	64	08.0	BR	0010	37	23.7	76	54.3	6		*			*	0.6		00.0	T	27.30		1	P	22	D	0.10	08.2		
25	08	64	09.0	BR	0010	37	23.7	76	54.3	6		8			*	0.5		00.0	T	27.50		1	P	00	U	0.00	09.0		
25	08	64	09.0	BR	0010	37	23.7	76	54.3	6		8			*	0.5		02.0				1		*	U	0.01	09.0		
25	08	64	09.0	BR	0010	37	23.7	76	54.3	6		8			*	0.5		04.0				1	F	00	U	0.01	09.0		
25	08	64	09.0	BR	0010	37	23.7	76	54.3	6		8			*	0.5		06.0				1		*	U	0.00	09.1		
25	08	64	09.5	BR	0010	37	23.7	76	54.3	6		8			*			00.0	T	27.40		1	P	30	U	0.00	09.5		
25	08	64	09.5	BR	0010	37	23.7	76	54.3	6		8			*			02.0				1	F	00	U	0.00	09.5		
25	08	64	09.5	BR	0010	37	23.7	76	54.3	6		8			*			04.0				1	F	00	U	0.00	09.6		
25	08	64	09.5	BR	0010	37	23.7	76	54.3	6		8			*			06.0				1		*	U	0.00	09.6		
25	08	64	10.0	BR	0010	37	23.7	76	54.3	6		8			*	0.5		00.0	T	27.50		1	P	03	U	0.00	10.0		
25	08	64	10.0	BR	0010	37	23.7	76	54.3	6		8			*	0.5		02.0				1	F	00	U	0.01	10.0		
25	08	64	10.0	BR	0010	37	23.7	76	54.3	6		8			*	0.5		04.0				1	F	00	U	0.00	10.0		
25	08	64	10.0	BR	0010	37	23.7	76	54.3	6		8			*	0.5		06.0				1		*	U	0.01	10.1		
25	08	64	10.5	BR	0010	37	23.7	76	54.3	6		1			*			00.0	T	28.60		1	P	02	U	0.17	10.5		
25	08	64	10.5	BR	0010	37	23.7	76	54.3	6		1			*			02.0				1	F	02	U	0.15	10.5		
25	08	64	10.5	BR	0010	37	23.7	76	54.3	6		1			*			04.0				1	F	02	U	0.17	10.5		
25	08	64	10.5	BR	0010	37	23.7	76	54.3	6		1			*			06.0				1		*	U	0.15	10.5		
25	08	64	11.0	BR	0010	37	23.7	76	54.3	6		1			*	0.6		00.0	T	29.10		1	P	03	U	0.30	11.0		
25	08	64	11.0	BR	0010	37	23.7	76	54.3	6		1			*	0.6		02.0				1	F	03	U	0.30	11.0		
25	08	64	11.0	BR	0010	37	23.7	76	54.3	6		1			*	0.6		04.0				1	F	03	U	0.32	11.0		
25	08	64	11.0	BR	0010	37	23.7	76	54.3	6		1			*	0.6		06.0				1		*	U	0.27	11.1		
25	08	64	11.5	BR	0010	37	23.7	76	54.3	6		2			*			00.0	T	28.80		1	P	03	U	0.44	11.5		
25	08	64	11.5	BR	0010	37	23.7	76	54.3	6		2			*			02.0				1	F	03	U	0.41	11.5		
25	08	64	11.5	BR	0010	37	23.7	76	54.3	6		2			*			04.0				1	F	03	U	0.41	11.5		
25	08	64	11.5	BR	0010	37	23.7	76	54.3	6		2			*			06.0				1		*	U	0.35	11.5		
25	08	64	12.0	BR	0010	37	23.7	76	54.3	6		2			*	0.5		00.0	T	28.30		1	P	03	U	0.45	12.0		
25	08	64	12.0	BR	0010	37	23.7	76	54.3	6		2			*	0.5		02.0				1	F	03	U	0.44	12.0		
25	08	64	12.0	BR	0010	37	23.7	76	54.3	6		2			*	0.5		04.0				1	F	03	U	0.41	12.0		
25	08	64	12.0	BR	0010	37	23.7	76	54.3	6		2			*	0.5		06.0				1		*	U	0.29	12.1		
25	08	64	12.5	BR	0010	37	23.7	76	54.3	6		*			*			00.0	T	28.70		1	P	03	U	0.40	12.5		
25	08	64	12.5	BR	0010	37	23.7	76	54.3	6		*			*			02.0				1	F	03	U	0.35	12.5		
25	08	64	12.5	BR	0010	37	23.7	76	54.3	6		*			*			04.0				1	F	03	U	0.29	12.5		
25	08	64	12.5	BR	0010	37	23.7	76	54.3	6		*			*			06.0				1		*	U	0.21	12.5		
25	08	64	13.0	BR	0010	37	23.7	76	54.3	6		3			*	0.6		00.0	T	29.20		1	P	03	U	0.27	13.0		
25	08	64	13.0	BR	0010	37	23.7	76	54.3	6		3			*	0.6		02.0				1	F	03	U	0.24	13.0		
25	08	64	13.0	BR	0010	37	23.7	76	54.3	6		3			*	0.6		04.0				1	F	03	U	0.22	13.0		
25	08	64	13.0	BR	0010	37	23.7	76	54.3	6		3			*	0.6		06.0				1		*	U	0.20	13.1		

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
25	08	64	13.5	BR	0010	37	23.7	76	54.3	6		3			*			00.0	T	29.10		1	P	02	U	0.14	13.5		
25	08	64	13.5	BR	0010	37	23.7	76	54.3	6		3			*			02.0				1	F	03	U	0.16	13.5		
25	08	64	13.5	BR	0010	37	23.7	76	54.3	6		3			*			04.0				1	F	03	U	0.15	13.5		
25	08	64	13.5	BR	0010	37	23.7	76	54.3	6		3			*			06.0				1		*	U	0.11	13.5		
25	08	64	14.0	BR	0010	37	23.7	76	54.3	6		3			*	0.6		00.0	T	29.30		1	P	02	U	0.16	14.0		
25	08	64	14.0	BR	0010	37	23.7	76	54.3	6		3			*	0.6		02.0				1	F	03	U	0.15	14.0		
25	08	64	14.0	BR	0010	37	23.7	76	54.3	6		3			*	0.6		04.0				1	F	03	U	0.09	14.0		
25	08	64	14.0	BR	0010	37	23.7	76	54.3	6		3			*	0.6		06.0				1		*	U	0.06	14.1		
25	08	64	14.5	BR	0010	37	23.7	76	54.3	6		3			*			00.0	T	29.00		1	P	03	U	0.15	14.5		
25	08	64	14.5	BR	0010	37	23.7	76	54.3	6		3			*			02.0				1	F	03	U	0.06	14.5		
25	08	64	14.5	BR	0010	37	23.7	76	54.3	6		3			*			04.0				1	F	03	U	0.07	14.5		
25	08	64	14.5	BR	0010	37	23.7	76	54.3	6		3			*			06.0				1		*	U	0.04	14.6		
25	08	64	15.0	BR	0010	37	23.7	76	54.3	6		*			*	0.5		00.0	T	28.70		1	P	03	U	0.10	15.0		
25	08	64	15.0	BR	0010	37	23.7	76	54.3	6		*			*	0.5		02.0				1	F	03	U	0.06	15.0		
25	08	64	15.0	BR	0010	37	23.7	76	54.3	6		*			*	0.5		04.0				1	F	03	U	0.03	15.0		
25	08	64	15.0	BR	0010	37	23.7	76	54.3	6		*			*	0.5		06.0				1		*	U	0.04	15.0		
25	08	64	15.5	BR	0010	37	23.7	76	54.3	6		4			*			00.0	T	28.80		1	P	03	U	0.08	15.5		
25	08	64	15.5	BR	0010	37	23.7	76	54.3	6		4			*			02.0				1		*	U	0.06	15.5		
25	08	64	15.5	BR	0010	37	23.7	76	54.3	6		4			*			04.0				1		*	U	0.05	15.5		
25	08	64	15.5	BR	0010	37	23.7	76	54.3	6		4			*			06.0				1		*	U	0.02	15.6		
25	08	64	16.0	BR	0010	37	23.7	76	54.3	6		4			*	0.5		00.0	T	28.40		1	P	03	U	0.07	16.0		
25	08	64	16.0	BR	0010	37	23.7	76	54.3	6		4			*	0.5		02.0				1		*	U	0.05	16.0		
25	08	64	16.0	BR	0010	37	23.7	76	54.3	6		4			*	0.5		04.0				1		*	U	0.04	16.0		
25	08	64	16.0	BR	0010	37	23.7	76	54.3	6		4			*	0.5		06.0				1		*	U	0.04	16.0		
25	08	64	16.5	BR	0010	37	23.7	76	54.3	6		4			*			00.0	T	28.60		1	P	19	U	0.02	16.5		
25	08	64	16.5	BR	0010	37	23.7	76	54.3	6		4			*			02.0				1		*	U	0.04	16.5		
25	08	64	16.5	BR	0010	37	23.7	76	54.3	6		4			*			04.0				1		*	U	0.07	16.5		
25	08	64	16.5	BR	0010	37	23.7	76	54.3	6		4			*			06.0				1		*	U	0.08	16.6		
25	08	64	17.0	BR	0010	37	23.7	76	54.3	6		5			*	0.5		00.0	T	28.60		1	P	20	U	0.13	17.0		
25	08	64	17.0	BR	0010	37	23.7	76	54.3	6		5			*	0.5		02.0				1	F	19	U	0.21	17.0		
25	08	64	17.0	BR	0010	37	23.7	76	54.3	6		5			*	0.5		04.0				1	F	19	U	0.22	17.0		
25	08	64	17.0	BR	0010	37	23.7	76	54.3	6		5			*	0.5		06.0				1		*	U	0.20	17.1		
25	08	64	17.5	BR	0010	37	23.7	76	54.3	6		5			*			00.0	T	28.50		1	P	20	U	0.37	17.5		
25	08	64	17.5	BR	0010	37	23.7	76	54.3	6		5			*			02.0				1	F	20	U	0.35	17.5		
25	08	64	17.5	BR	0010	37	23.7	76	54.3	6		5			*			04.0				1	F	20	U	0.31	17.5		
25	08	64	17.5	BR	0010	37	23.7	76	54.3	6		5			*			06.0				1		*	U	0.25	17.6		
25	08	64	18.0	BR	0010	37	23.7	76	54.3	6		*			*	0.6		00.0	T	28.70		1	P	20	U	0.45	18.0		
25	08	64	18.0	BR	0010	37	23.7	76	54.3	6		*			*	0.6		02.0				1	F	20	U	0.46	18.0		
25	08	64	18.0	BR	0010	37	24.7	76	54.3	6		*			*	0.6		04.0					F	20	U	0.41	18.0		
25	08	64	18.0	BR	0010	37	23.7	76	54.3	6		*			*	0.6		06.0				1		*	U	0.38	18.1		
25	08	64	18.5	BR	0010	37	23.7	76	54.3	6		6			*			00.0	T	26.70		1	P	21	U	0.50	18.5		
25	08	64	18.5	BR	0010	37	23.7	76	54.3	6		6			*			02.0				1	F	20	U	0.43	18.5		
25	08	64	18.5	BR	0010	37	23.7	76	54.3	6		6			*			04.0				1	F	20	U	0.36	18.5		
25	08	64	18.5	BR	0010	37	23.7	76	54.3	6		6			*			06.0				1		*	U	0.30	18.5		
25	08	64	19.0	BR	0010	37	23.7	76	54.3	6		*			*			00.0	T	28.20		1	P	19	U	0.34	19.0		
25	08	64	19.0	BR	0010	37	23.7	76	54.3	6		*			*			02.0				1	F	20	U	0.30	19.0		
25	08	64	19.0	BR	0010	37	23.7	76	54.3	6		*			*			04.0				1	F	20	U	0.26	19.0		
25	08	64	19.0	BR	0010	37	23.7	76	54.3	6		*			*			06.0				1		*	U	0.21	19.0		
25	08	64	19.5	BR	0010	37	23.7	76	54.3	6		*			*			00.0	T	27.90		1	P	21	D	0.24	*		
25	08	64	19.5	BR	0010	37	23.7	76	54.3	6		*			*			02.0				1	F	21	U	0.21	*		
25	08	64	19.5	BR	0010	37	23.7	76	54.3	6		*			*			04.0				1	F	21	U	0.19	*		
25	08	64	19.5	BR	0010	37	23.7	76	54.3	6		*			*			06.0				1		*	U	0.13	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
25	08	64	20.0	BR	0010	37	23.7	76	54.3	6		*			*			00.0	T	27.80		1	P	21	D	0.18	*		
25	08	64	20.0	BR	0010	37	23.7	76	54.3	6		*			*			02.0				1	F	22	U	0.14	*		
25	08	64	20.0	BR	0010	37	23.7	76	54.3	6		*			*			04.0				1	F	22	U	0.14	*		
25	08	64	20.0	BR	0010	37	23.7	76	54.3	6		*			*			06.0				1		*	U	0.11	*		
25	08	64	20.5	BR	0010	37	23.7	76	54.3	6		*			*			00.0	T	27.50		1	P	19	D	0.11	*		
25	08	64	20.5	BR	0010	37	23.7	76	54.3	6		*			*			02.0				1	F	18	U	0.09	*		
25	08	64	20.5	BR	0010	37	23.7	76	54.3	6		*			*			04.0				1	F	18	U	0.08	*		
25	08	64	20.5	BR	0010	37	23.7	76	54.3	6		*			*			06.0				1		*	U	0.05	*		
25	08	64	21.0	BR	0010	37	23.7	76	54.3	6		*			*			00.0	T	27.40		1	P	66	D	0.00	*		
25	08	64	21.0	BR	0010	37	23.7	76	54.3	6		*			*			02.0				1	F	66	U	0.05	*		
25	08	64	21.0	BR	0010	37	23.7	76	54.3	6		*			*			04.0				1	F	66	U	0.03	*		
25	08	64	21.0	BR	0010	37	23.7	76	54.3	6		*			*			06.0				1	F	66	U	0.03	*		
25	08	64	06.0	LA	0010	37	16.0	76	52.7	10		6	24	20	00	0.8		00.0	T	27.40	R	1.90	L	16	T	0.50	06.0		
25	08	64	06.0	LA	0010	37	16.0	76	52.7	10		6	24	20	00	0.8		02.0			R	1.87	F	18	T	0.50	06.0		
25	08	64	06.0	LA	0010	37	16.0	76	52.7	10		6	24	20	00	0.8		04.0			R	1.89		*	T	0.50	06.1		
25	08	64	06.0	LA	0010	37	16.0	76	52.7	10		6	24	20	00	0.8		06.0			R	1.91		*	T	0.50	06.2		
25	08	64	06.0	LA	0010	37	16.0	76	52.7	10		6	24	20	00	0.8		08.0			R	1.91		*	T	0.40	06.3		
25	08	64	06.5	LA	0010	37	16.0	76	52.7	10		6		*	*			00.0	T	27.40	R	1.84	L	16	T	0.52	06.5		
25	08	64	06.5	LA	0010	37	16.0	76	52.7	10		6		*	*			02.0			R	1.82	F	18	T	0.50	06.5		
25	08	64	06.5	LA	0010	37	16.0	76	52.7	10		6		*	*			04.0			R	1.83		*	T	0.49	06.6		
25	08	64	06.5	LA	0010	37	16.0	76	52.7	10		6		*	*			06.0			R	1.82		*	T	0.47	06.6		
25	08	64	06.5	LA	0010	37	16.0	76	52.7	10		6		*	*			08.0			R	1.83		*	T	0.40	06.6		
25	08	64	07.0	LA	0010	37	16.0	76	52.7	10		7	23	20	01	1.0		00.0	T	27.40	R	1.78	L	16	T	0.48	07.0		
25	08	64	07.0	LA	0010	37	16.0	76	52.7	10		7	23	20	01	1.0		02.0			R	1.78	F	18	T	0.45	07.0		
25	08	64	07.0	LA	0010	37	16.0	76	52.7	10		7	23	20	01	1.0		04.0			R	1.78		*	T	0.40	07.0		
25	08	64	07.0	LA	0010	37	16.0	76	52.7	10		7	23	20	01	1.0		06.0			R	1.78		*	T	0.30	07.1		
25	08	64	07.0	LA	0010	37	16.0	76	52.7	10		7	23	20	01	1.0		08.0			R	1.78		*	T	0.20	07.1		
25	08	64	07.5	LA	0010	37	16.0	76	52.7	10		7		*	*			00.0	T	27.60	R	1.75	L	16	T	0.35	07.5		
25	08	64	07.5	LA	0010	37	16.0	76	52.7	10		7		*	*			02.0			R	1.77	F	17	T	0.35	07.5		
25	08	64	07.5	LA	0010	37	16.0	76	52.7	10		7		*	*			04.0			R	1.77		*	T	0.25	07.5		
25	08	64	07.5	LA	0010	37	16.0	76	52.7	10		7		*	*			06.0			R	1.78		*	T	0.20	07.6		
25	08	64	07.5	LA	0010	37	16.0	76	52.7	10		7		*	*			08.0			R	1.78		*	T	0.15	07.6		
25	08	64	08.0	LA	0010	37	16.0	76	52.7	10		7	24	18	01	1.0		00.0	T	27.60	R	1.70	L	15	T	0.32	08.0		
25	08	64	08.0	LA	0010	37	16.0	76	52.7	10		7	24	18	01	1.0		02.0			R	1.71	F	17	T	0.30	08.0		
25	08	64	08.0	LA	0010	37	16.0	76	52.7	10		7	24	18	01	1.0		04.0			R	1.72		*	T	0.25	08.0		
25	08	64	08.0	LA	0010	37	16.0	76	52.7	10		7	24	18	01	1.0		06.0			R	1.71		*	T	0.23	08.1		
25	08	64	08.0	LA	0010	37	16.0	76	52.7	10		7	24	18	01	1.0		08.0			R	1.74		*	T	0.20	08.1		
25	08	64	08.5	LA	0010	37	16.0	76	52.7	10		7		*	*			00.0	T	28.00	R	1.67	L	16	T	0.15	08.5		
25	08	64	08.5	LA	0010	37	16.0	76	52.7	10		7		*	*			02.0			R	1.67	F	16	T	0.15	08.5		
25	08	64	08.5	LA	0010	37	16.0	76	52.7	10		7		*	*			04.0			R	1.85		*	T	0.12	08.6		
25	08	64	08.5	LA	0010	37	16.0	76	52.7	10		7		*	*			06.0			R	1.89		*	T	0.05	08.6		
25	08	64	08.5	LA	0010	37	16.0	76	52.7	10		7		*	*			08.0			R	1.74		*	T	0.02	08.7		
25	08	64	09.0	LA	0010	37	16.0	76	52.7	10		7	26	35	01	1.2		00.0	T	27.70	R	1.65	L	16	T	0.02	09.1		
25	08	64	09.0	LA	0010	37	16.0	76	52.7	10		7	26	35	01	1.2		02.0			R	1.67	F	*	T	0.05	09.1		
25	08	64	09.0	LA	0010	37	16.0	76	52.7	10		7	26	35	01	1.2		04.0			R	1.67		*	T	0.01	09.1		
25	08	64	09.0	LA	0010	37	16.0	76	52.7	10		7	26	35	01	1.2		06.0			R	1.69		*	T	0.00	09.1		
25	08	64	09.0	LA	0010	37	16.0	76	52.7	10		7	26	35	01	1.2		08.0			R	1.72		*	T	0.02	09.1		
25	08	64	09.5	LA	0010	37	16.0	76	52.7	10		8		*	*			00.0	T	28.40	R	74	L	00	T	0.00	09.6		
25	08	64	09.5	LA	0010	37	16.0	76	52.7	10		8		*	*			02.0			R	1.68	F	00	T	0.10	09.6		
25	08	64	09.5	LA	0010	37	16.0	76	52.7	10		8		*	*			04.0			R	1.69		*	T	0.20	09.6		
25	08	64	09.5	LA	0010	37	16.0	76	52.7	10		8		*	*			06.0			R	1.70		*	T	0.20	09.6		
25	08	64	09.5	LA	0010	37	16.0	76	52.7	10		8		*	*			08.0			R	1.73		*	T	0.20	09.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
25	08	64	10.0	LA	0010	37	16.0	76	52.7	10		1	29	*2	01	1.1		00.0	T	28.10	R	1.72	L	34	T	0.40	10.3		
25	08	64	10.0	LA	0010	37	16.0	76	52.7	10		1	29	*2	01	1.1		02.0			R	1.77	F	35	T	0.45	10.3		
25	08	64	10.0	LA	0010	37	16.0	76	52.7	10		1	29	*2	01	1.1		04.0			R	1.77		*	T	0.45	10.3		
25	08	64	10.0	LA	0010	37	16.0	76	52.7	10		1	29	*2	01	1.1		06.0			R	1.79		*	T	0.40	10.3		
25	08	64	10.0	LA	0010	37	16.0	76	52.7	10		1	29	*2	01	1.1		08.0			R	1.80		*	T	0.35	10.3		
25	08	64	10.5	LA	0010	37	16.0	76	52.7	10		1		*	*			00.0	T	28.20	R	1.92	L	35	T	0.50	10.6		
25	08	64	10.5	LA	0010	37	16.0	76	52.7	10		1		*	*			02.0			R	1.94		*	T	0.52	10.6		
25	08	64	10.5	LA	0010	37	16.0	76	52.7	10		1		*	*			04.0			R	2.01	F	02	T	0.51	10.6		
25	08	64	10.5	LA	0010	37	16.0	76	52.7	10		1		*	*			06.0			R	2.06		*	T	0.50	10.6		
25	08	64	10.5	LA	0010	37	16.0	76	52.7	10		1		*	*			08.0			R	2.12		*	T	0.50	10.6		
25	08	64	11.0	LA	0010	37	16.0	76	52.7	10		1	30	34	02	0.9		00.0	T	28.30	R	1.88	L	35	T	0.62	11.1		
25	08	64	11.0	LA	0010	37	16.0	76	52.7	10		1	30	34	02	0.9		02.0			R	1.90		*	T	0.51	11.1		
25	08	64	11.0	LA	0010	37	16.0	76	52.7	10		1	30	34	02	0.9		04.0			R	1.90	F	02	T	0.60	11.1		
25	08	64	11.0	LA	0010	37	16.0	76	52.7	10		1	30	34	02	0.9		06.0			R	1.91		*	T	0.62	11.1		
25	08	64	11.0	LA	0010	37	16.0	76	52.7	10		1	30	34	02	0.9		08.0			R	1.90		*	T	0.62	11.1		
25	08	64	11.5	LA	0010	37	16.0	76	52.7	10		2		*	*			00.0	T	28.40	R	1.96	L	35	T	0.51	11.6		
25	08	64	11.5	LA	0010	37	16.0	76	52.7	10		2		*	*			02.0			R	1.98		*	T	0.60	11.6		
25	08	64	11.5	LA	0010	37	16.0	76	52.7	10		2		*	*			04.0			R	1.98	F	00	T	0.63	11.6		
25	08	64	11.5	LA	0010	37	16.0	76	52.7	10		2		*	*			06.0			R	1.99		*	T	0.60	11.6		
25	08	64	11.5	LA	0010	37	16.0	76	52.7	10		2		*	*			08.0			R	1.99		*	T	0.63	11.6		
25	08	64	12.0	LA	0010	37	16.0	76	52.7	10		3	31	34	00	1.0		00.0	T	28.30	R	2.16	L	34	T	0.62	12.1		
25	08	64	12.0	LA	0010	37	16.0	76	52.7	10		3	31	34	00	1.0		02.0			R	2.18		*	T	0.58	12.1		
25	08	64	12.0	LA	0010	37	16.0	76	52.7	10		3	31	34	00	1.0		04.0			R	2.20	F	35	T	0.50	12.1		
25	08	64	12.0	LA	0010	37	16.0	76	52.7	10		3	31	34	00	1.0		06.0			R	2.20		*	T	0.55	12.1		
25	08	64	12.0	LA	0010	37	16.0	76	52.7	10		3	31	34	00	1.0		08.0			R	2.19		*	T	0.54	12.1		
25	08	64	12.5	LA	0010	37	16.0	76	52.7	10		*		*	*			00.0	T	28.30	R	2.24	L	34	T	0.49	12.5		
25	08	64	12.5	LA	0010	37	16.0	76	52.7	10		*		*	*			02.0			R	2.24		*	T	0.48	12.5		
25	08	64	12.5	LA	0010	37	16.0	76	52.7	10		*		*	*			04.0			R	2.25	F	34	T	0.48	12.5		
25	08	64	12.5	LA	0010	37	16.0	76	52.7	10		*		*	*			06.0			R	2.25		*	T	0.50	12.5		
25	08	64	12.5	LA	0010	37	16.0	76	52.7	10		*		*	*			08.0			R	2.25		*	T	0.48	12.5		
25	08	64	13.0	LA	0010	37	16.0	76	52.7	10		3	31	16	03	0.8		00.0	T	28.60	R	2.21	L	34	T	0.50	13.0		
25	08	64	13.0	LA	0010	37	16.0	76	52.7	10		3	31	16	03	0.8		02.0			R	2.21		*	T	0.48	13.0		
25	08	64	13.0	LA	0010	37	16.0	76	52.7	10		3	31	16	03	0.8		04.0			R	2.20	F	35	T	0.45	13.1		
25	08	64	13.0	LA	0010	37	16.0	76	52.7	10		3	31	16	03	0.8		06.0			R	2.20		*	T	0.35	13.1		
25	08	64	13.0	LA	0010	37	16.0	76	52.7	10		3	31	16	03	0.8		08.0			R	2.21		*	T	0.33	13.2		
25	08	64	13.5	LA	0010	37	16.0	76	52.7	10		3		*	*			00.0	T	28.50	R	2.17	L	33	T	0.48	13.5		
25	08	64	13.5	LA	0010	37	16.0	76	52.7	10		3		*	*			02.0			R	2.18		*	T	0.47	13.5		
25	08	64	13.5	LA	0010	37	16.0	76	52.7	10		3		*	*			04.0			R	2.17	F	35	T	0.45	13.5		
25	08	64	13.5	LA	0010	37	16.0	76	52.7	10		3		*	*			06.0			R	2.18		*	T	0.41	13.6		
25	08	64	13.5	LA	0010	37	16.0	76	52.7	10		3		*	*			08.0			R	2.18		*	T	0.40	13.6		
25	08	64	14.0	LA	0010	37	16.0	76	52.7	10		3	31	15	03	1.0		00.0	T	28.50	R	2.17	L	33	T	0.38	14.0		
25	08	64	14.0	LA	0010	37	16.0	76	52.7	10		3	31	15	03	1.0		02.0			R	2.24		*	T	0.36	14.0		
25	08	64	14.0	LA	0010	37	16.0	76	52.7	10		3	31	15	03	1.0		04.0			R	2.19	F	34	T	0.35	14.1		
25	08	64	14.0	LA	0010	37	16.0	76	52.7	10		3	31	15	03	1.0		06.0			R	2.16		*	T	0.35	14.1		
25	08	64	14.0	LA	0010	37	16.0	76	52.7	10		3	31	15	03	1.0		08.0			R	2.16		*	T	0.32	14.2		
25	08	64	14.5	LA	0010	37	16.0	76	52.7	10		3		*	*			00.0	T	28.50	R	2.15	L	32	T	0.10	14.5		
25	08	64	14.5	LA	0010	37	16.0	76	52.7	10		3		*	*			02.0			R	2.17		*	T	0.10	14.5		
25	08	64	14.5	LA	0010	37	16.0	76	52.7	10		3		*	*			04.0			R	2.20	F	36	T	0.25	14.6		
25	08	64	14.5	LA	0010	37	16.0	76	52.7	10		3		*	*			06.0			R	2.30		*	T	0.21	14.6		
25	08	64	14.5	LA	0010	37	16.0	76	52.7	10		3		*	*			08.0			R	2.23		*	T	0.20	14.7		
25	08	64	15.0	LA	0010	37	16.0	76	52.7	10		4	32	15	00	1.0		00.0	T	28.50	R	2.19	L	33	T	0.01	15.0		
25	08	64	15.0	LA	0010	37	16.0	76	52.7	10		4	32	15	00	1.0		02.0			R	2.20		*	T	0.04	15.0		
25	08	64	15.0	LA	0010	37	16.0	76	52.7	10		4	32	15	00	1.0		04.0			R	2.20	F	11	T	0.04	15.1		
25	08	64	15.0	LA	0010	37	16.0	76	52.7	10		4	32	15	00	1.0		06.0			R	2.20		*	T	0.02	15.1		
25	08	64	15.0	LA	0010	37	16.0	76	52.7	10		4	32	15	00	1.0		08.0			R	2.22		*	T	0.05	15.2		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
25	08	64	15.5	LA	0010	37	16.0	76	52.7	10		5		*	*			00.0	T	28.20	R	2.16	L	*	T	0.02	15.5		
25	08	64	15.5	LA	0010	37	16.0	76	52.7	10		5		*	*			02.0			R	2.17		*	T	0.00	15.5		
25	08	64	15.5	LA	0010	37	16.0	76	52.7	10		5		*	*			04.0			R	2.20	F	15	T	0.10	15.6		
25	08	64	15.5	LA	0010	37	16.0	76	52.7	10		5		*	*			06.0			R	2.19		*	T	0.10	15.6		
25	08	64	15.5	LA	0010	37	16.0	76	52.7	10		5		*	*			08.0			R	2.19		*	T	0.12	15.7		
25	08	64	16.5	LA	0010	37	16.0	76	52.7	10		5	26	11	01	0.7		00.0	T	28.20	R	2.15	L	18	T	0.50	16.5		
25	08	64	16.5	LA	0010	37	16.0	76	52.7	10		5	26	11	01	0.7		02.0			R	2.15		*	T	0.50	16.5		
25	08	64	16.5	LA	0010	37	16.0	76	52.7	10		5	26	11	01	0.7		04.0			R	2.15	F	16	T	0.50	16.6		
25	08	64	16.5	LA	0010	37	16.0	76	52.7	10		5	26	11	01	0.7		06.0			R	2.15		*	T	0.49	16.7		
25	08	64	16.5	LA	0010	37	16.0	76	52.7	10		5	26	11	01	0.7		08.0			R	2.20		*	T	0.45	16.7		
25	08	64	17.0	LA	0010	37	16.0	76	52.7	10		6	24	*9	00	0.6		00.0	T	28.00	R	2.12	L	17	T	0.51	17.0		
25	08	64	17.0	LA	0010	37	16.0	76	52.7	10		6	24	*9	00	0.6		02.0			R	2.11		*	T	0.50	17.0		
25	08	64	17.0	LA	0010	37	16.0	76	52.7	10		6	24	*9	00	0.6		04.0			R	2.13	F	16	T	0.55	17.0		
25	08	64	17.0	LA	0010	37	16.0	76	52.7	10		6	24	*9	00	0.6		06.0			R	2.23		*	T	0.60	17.1		
25	08	64	17.0	LA	0010	37	16.0	76	52.7	10		6	24	*9	00	0.6		08.0			R	2.24		*	T	0.50	17.1		
25	08	64	17.5	LA	0010	37	16.0	76	52.7	10		6		*	*			00.0	T	28.10	R	2.00	L	18	T	0.46	17.7		
25	08	64	17.5	LA	0010	37	16.0	76	52.7	10		6		*	*			02.0			R	1.98		*	T	0.51	17.7		
25	08	64	17.5	LA	0010	37	16.0	76	52.7	10		6		*	*			04.0			R	1.98	F	17	T	0.52	17.8		
25	08	64	17.5	LA	0010	37	16.0	76	52.7	10		6		*	*			06.0			R	2.05		*	T	0.50	17.8		
25	08	64	17.5	LA	0010	37	16.0	76	52.7	10		6		*	*			08.0			R	2.10		*	T	0.38	17.9		
25	08	64	18.0	LA	0010	37	16.0	76	52.7	10		6	26	22	02	0.7		00.0	T	28.20	R	1.90	L	18	T	0.49	18.0		
25	08	64	18.0	LA	0010	37	16.0	76	52.7	10		6	26	22	02	0.7		02.0			R	1.91		*	T	0.48	18.0		
25	08	64	18.0	LA	0010	37	16.0	76	52.7	10		6	26	22	02	0.7		04.0			R	1.93	F	17	T	0.50	18.1		
25	08	64	18.0	LA	0010	37	16.0	76	52.7	10		6	26	22	02	0.7		06.0			R	1.96		*	T	0.51	18.1		
25	08	64	18.0	LA	0010	37	16.0	76	52.7	10		6	26	22	02	0.7		08.			R	2.01		*	T	0.49	18.2		
25	08	64	18.5	LA	0010	37	16.0	76	52.7	10		6		*	*			00.0	T	28.30	R	1.85	L	17	T	0.44	18.5		
25	08	64	18.5	LA	0010	37	16.0	76	52.7	10		6		*	*			02.0			R	1.85		*	T	0.40	18.5		
25	08	64	18.5	LA	0010	37	16.0	76	52.7	10		6		*	*			04.0			R	1.86	F	17	T	0.46	18.5		
25	08	64	18.5	LA	0010	37	16.0	76	52.7	10		6		*	*			06.0			R	1.90		*	T	0.50	18.6		
25	08	64	18.5	LA	0010	37	16.0	76	52.7	10		6		*	*			08.0			R	1.97		*	T	0.42	18.6		
25	08	64	19.0	LA	0010	37	16.0	76	52.7	10		7	26	*	00			00.0	T	28.20	R	1.80	L	19	T	0.34	19.0		
25	08	64	19.0	LA	0010	37	16.0	76	52.7	10		7	26	*	00			02.0			R	1.82		*	T	0.39	19.0		
25	08	64	19.0	LA	0010	37	16.0	76	52.7	10		7	26	*	00			04.0			R	1.83	F	17	T	0.45	19.0		
25	08	64	19.0	LA	0010	37	16.0	76	52.7	10		7	26	*	00			06.0			R	1.85		*	T	0.48	19.1		
25	08	64	19.0	LA	0010	37	16.0	76	52.7	10		7	26	*	00			08.0			R	1.89		*	T	0.29	19.1		
25	08	64	19.5	LA	0010	37	16.0	76	52.7	10		7		*	*			00.0	T	28.00	R	1.81	L	17	T	0.25	19.5		
25	08	64	19.5	LA	0010	37	16.0	76	52.7	10		7		*	*			02.0			R	1.80		*	T	0.31	19.5		
25	08	64	19.5	LA	0010	37	16.0	76	52.7	10		7		*	*			04.0			R	1.81	F	17	T	0.37	19.5		
25	08	64	19.5	LA	0010	37	16.0	76	52.7	10		7		*	*			06.0			R	1.81		*	T	0.30	19.6		
25	08	64	19.5	LA	0010	37	16.0	76	52.7	10		7		*	*			08.0			R	1.82		*	T	0.24	19.6		
25	08	64	20.0	LA	0010	37	16.0	76	52.7	10		7	27	22	02			00.0	T	28.10	R	1.77	L	17	T	0.23	20.0		
25	08	64	20.0	LA	0010	37	16.0	76	52.7	10		7	27	22	02			02.0			R	1.78		*	T	0.27	20.0		
25	08	64	20.0	LA	0010	37	16.0	76	52.7	10		7	27	22	02			04.0			R	1.81	F	16	T	0.23	20.0		
25	08	64	20.0	LA	0010	37	16.0	76	52.7	10		7	27	22	02			06.0			R	1.83		*	T	0.14	20.1		
25	08	64	20.0	LA	0010	37	16.0	76	52.7	10		7	27	22	02			08.0			R	1.83		*	T	0.14	20.1		
25	08	64	20.5	LA	0010	37	16.0	76	52.7	10		7		*	*			00.0	T	27.90	R	1.76	L	16	T	0.22	20.5		
25	08	64	20.5	LA	0010	37	16.0	76	52.7	10		7		*	*			02.0			R	1.76		*	T	0.22	20.5		
25	08	64	20.5	LA	0010	37	16.0	76	52.7	10		7		*	*			04.0			R	1.75	F	14	T	0.12	20.5		
25	08	64	20.5	LA	0010	37	16.0	76	52.7	10		7		*	*			06.0			R	1.80		*	T	0.08	20.6		
25	08	64	20.5	LA	0010	37	16.0	76	52.7	10		7		*	*			08.0			R	1.82		*	T	0.03	20.6		
25	08	64	21.0	LA	0010	37	16.0	76	52.7	10		7	27	17	02			00.0	T	27.70	R	1.74	L	14	T	0.05	21.1		
25	08	64	21.0	LA	0010	37	16.0	76	52.7	10		7	27	17	02			02.0			R	1.75		*	T	0.06	21.1		
25	08	64	21.0	LA	0010	37	16.0	76	52.7	10		7	27	17	02			04.0			R	1.79	F	*	T	0.01	21.1		
25	08	64	21.0	LA	0010	37	16.0	76	52.7	10		7	27	17	02			06.0			R	1.81		*	T	0.02	21.1		
25	08	64	21.0	LA	0010	37	16.0	76	52.7	10		7	27	17	02			08.0			R	1.83		*	T	0.05	21.1		

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
25	08	64	21.5	LA	0010	37	16.0	76	52.7	10		*		*	*			00.0	T	27.80	R	1.72	D	00	T	0.10	21.6		
25	08	64	21.5	LA	0010	37	16.0	76	52.7	10		*		*	*			02.0			R	1.75		*	T	0.10	21.6		
25	08	64	21.5	LA	0010	37	16.0	76	52.7	10		*		*	*			04.0			R	1.78	F	00	T	0.12	21.6		
25	08	64	21.5	LA	0010	37	16.0	76	52.7	10		*		*	*			06.0			R	1.80		*	T	0.18	21.6		
25	08	64	21.5	LA	0010	37	16.0	76	52.7	10		*		*	*			08.0			R	1.82	F	00	T	0.15	21.6		
25	08	64	22.0	LA	0010	37	16.0	76	52.7	10		*	26	21	05			00.0			R	1.75	L	00	T	0.29	22.0		
25	08	64	22.0	LA	0010	37	16.0	76	52.7	10		*	26	21	05			02.0			R	1.75		*	T	0.31	22.0		
25	08	64	22.0	LA	0010	37	16.0	76	52.7	10		*	26	21	05			04.0			R	1.77	F	00	T	0.30	22.0		
25	08	64	22.0	LA	0010	37	16.0	76	52.7	10		*	26	21	05			06.0			R	1.80		*	T	0.29	22.0		
25	08	64	22.0	LA	0010	37	16.0	76	52.7	10		*	26	21	05			08.0			R	1.81	F	00	T	0.22	22.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
25	08	64	05.0	IN	0010	37	16.1	76	59.3	8		5			*			00.0	T	26.50			L	15	X	0.28	05.1	
25	08	64	05.0	IN	0010	37	16.1	76	59.3	8		5			*			00.0					D	15	D	0.32	05.3	
25	08	64	05.0	IN	0010	37	16.1	76	59.3	8		5			*			02.0					L	15	X	0.27	05.1	
25	08	64	05.0	IN	0010	37	16.1	76	59.3	8		5			*			04.0					L	15	X	0.25	05.1	
25	08	64	05.0	IN	0010	37	16.1	76	59.3	8		5			*			06.0					L	15	X	0.22	05.2	
25	08	64	05.0	IN	0010	37	16.1	76	59.3	8		5			*			08.0					L	15	X	0.05	05.2	
25	08	64	05.5	IN	0010	37	16.1	76	59.3	8		5			*			00.0					L	15	X	0.26	05.5	
25	08	64	05.5	IN	0010	37	16.1	76	59.3	8		5			*			00.0					D	15	D	0.36	05.6	
25	08	64	05.5	IN	0010	37	16.1	76	59.3	8		5			*			02.0					L	15	X	0.47	05.5	
25	08	64	05.5	IN	0010	37	16.1	76	59.3	8		5			*			04.0					L	15	X	0.41	05.5	
25	08	64	05.5	IN	0010	37	16.1	76	59.3	8		5			*			06.0					L	15	X	0.37	05.5	
25	08	64	05.5	IN	0010	37	16.1	76	59.3	8		5			*			08.0					L	15	X	0.25	05.5	
25	08	64	06.0	IN	0010	37	16.1	76	59.3	8		5			*			00.0	T	26.60	R	92	L	16	X	0.20	06.0	
25	08	64	06.0	IN	0010	37	16.1	76	59.3	8		5			*			00.0					D	16	D	0.48	06.2	
25	08	64	06.0	IN	0010	37	16.1	76	59.3	8		5			*			02.0			R	1.23	L	16	X	0.50	06.0	
25	08	64	06.0	IN	0010	37	16.1	76	59.3	8		5			*			04.0			R	1.12	L	16	X	0.42	06.0	
25	08	64	06.0	IN	0010	37	16.1	76	59.3	8		5			*			06.0			R	1.18	L	16	X	0.45	06.1	
25	08	64	06.0	IN	0010	37	16.1	76	59.3	8		5			*			08.0			R	1.34	L	16	X	0.38	06.1	
25	08	64	06.5	IN	0010	37	16.1	76	59.3	8		5			*			00.0					L	17		*	06.5	
25	08	64	06.5	IN	0010	37	16.1	76	59.3	8		5			*			00.0						*	D	0.53	06.6	
25	08	64	06.5	IN	0010	37	16.1	76	59.3	8		5			*			02.0						*	X	0.62	06.5	
25	08	64	06.5	IN	0010	37	16.1	76	59.3	8		5			*			04.0					L	17	X	0.55	06.5	
25	08	64	06.5	IN	0010	37	16.1	76	59.3	8		5			*			06.0						*	X	0.50	06.5	
25	08	64	06.5	IN	0010	37	16.1	76	59.3	8		5			*			08.0						*	X	0.39	06.5	
25	08	64	07.0	IN	0010	37	16.1	76	59.3	8		6			*			00.0	T	26.70	R	81	L	17		*	07.0	
25	08	64	07.0	IN	0010	37	16.1	76	59.3	8		6			*			00.0						*	D	0.54	07.1	
25	08	64	07.0	IN	0010	37	16.1	76	59.3	8		6			*			02.0			R	91		*	X	0.66	07.0	
25	08	64	07.0	IN	0010	37	16.1	76	59.3	8		6			*			04.0			R	88	L	17	X	0.60	07.0	
25	08	64	07.0	IN	0010	37	16.1	76	59.3	8		6			*			06.0			R	95		*	X	0.50	07.0	
25	08	64	07.0	IN	0010	37	16.1	76	59.3	8		6			*			08.0			R	1.04		*	X	0.39	07.0	
25	08	64	07.5	IN	0010	37	16.1	76	59.3	8		6			*	0.6		00.0					L	17		*	07.5	
25	08	64	07.5	IN	0010	37	16.1	76	59.3	8		6			*	0.6		00.0						*	D	0.53	07.5	
25	08	64	07.5	IN	0010	37	16.1	76	59.3	8		6			*	0.6		02.0						*	X	0.65	07.5	
25	08	64	07.5	IN	0010	37	16.1	76	59.3	8		6			*	0.6		04.0					L	17	X	0.60	07.5	
25	08	64	07.5	IN	0010	37	16.1	76	59.3	8		6			*	0.6		06.0						*	X	0.49	07.5	
25	08	64	07.5	IN	0010	37	16.1	76	59.3	8		6			*	0.6		08.0						*	X	0.38	07.5	
25	08	64	08.0	IN	0010	37	16.1	76	59.3	8		7			*			00.0	T	26.80	R	75	L	17		*	08.0	
25	08	64	08.0	IN	0010	37	16.1	76	59.3	8		7			*			00.0						*	D	0.61	08.0	
25	08	64	08.0	IN	0010	37	16.1	76	59.3	8		7			*			02.0			R	75		*	X	0.63	08.0	
25	08	64	08.0	IN	0010	37	16.1	76	59.3	8		7			*			04.0			R	87	L	17	X	0.61	08.0	
25	08	64	08.0	IN	0010	37	16.1	76	59.3	8		7			*			06.0			R	77		*	X	0.50	08.0	
25	08	64	08.0	IN	0010	37	16.1	76	59.3	8		7			*			08.0			R	78		*	X	0.43	08.0	
25	08	64	08.5	IN	0010	37	16.1	76	59.3	8		7			*			00.0					L	17		*	08.5	
25	08	64	08.5	IN	0010	37	16.1	76	59.3	8		7			*			00.0						*	D	0.51	08.6	
25	08	64	08.5	IN	0010	37	16.1	76	59.3	8		7			*			02.0						*	X	0.62	08.5	
25	08	64	08.5	IN	0010	37	16.1	76	59.3	8		7			*			04.0					L	17	X	0.58	08.5	
25	08	64	08.5	IN	0010	37	16.1	76	59.3	8		7			*			06.0						*	X	0.50	08.5	
25	08	64	08.5	IN	0010	37	16.1	76	59.3	8		7			*			08.0						*	X	0.39	08.5	
25	08	64	09.0	IN	0010	37	16.1	76	59.3	8		7			*	0.7		00.0	T	27.00	R	63	L	17		*	09.0	
25	08	64	09.0	IN	0010	37	16.1	76	59.3	8		7			*	0.7		00.0						*	D	0.57	09.1	
25	08	64	09.0	IN	0010	37	16.1	76	59.3	8		7			*	0.7		02.0			R	60		*	X	0.62	09.0	
25	08	64	09.0	IN	0010	37	16.1	76	59.3	8		7			*	0.7		04.0			R	62	L	17	X	0.37	09.0	
25	08	64	09.0	IN	0010	37	16.1	76	59.3	8		7			*	0.7		06.0			R	65		*	X	0.48	09.0	
25	08	64	09.0	IN	0010	37	16.1	76	59.3	8		7			*	0.7		08.0			R	67		*	X	0.41	09.0	
25	08	64	09.5	IN	0010	37	16.1	76	59.3	8		7			*			00.0					L	16		*	09.5	
25	08	64	09.5	IN	0010	37	16.1	76	59.3	8		7			*			00.0						*	D	0.46	09.5	
25	08	64	09.5	IN	0010	37	16.1	76	59.3	8		7			*			02.0						*	X	0.50	09.5	
25	08	64	09.5	IN	0010	37	16.1	76	59.3	8		7			*			04.0					L	16	X	0.38	09.5	
25	08	64	09.5	IN	0010	37	16.1	76	59.3	8		7			*			06.0						*	X	0.38	09.5	
25	08	64	09.5	IN	0010	37	16.1	76	59.3	8		7			*			08.0						*	X	0.30	09.5	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
25	08	64	10.0	IN	0010	37	16.1	76	59.3	8		7			*			00.0	T	27.00	R	55		*		*	10.0	
25	08	64	10.0	IN	0010	37	16.1	76	59.3	8		7			*			00.0					D	17	D	0.25	10.0	
25	08	64	10.0	IN	0010	37	16.1	76	59.3	8		7			*			02.0			R	55		*	X	0.33	10.0	
25	08	64	10.0	IN	0010	37	16.1	76	59.3	8		7			*			04.0			R	56	L	17	X	0.23	10.0	
25	08	64	10.0	IN	0010	37	16.1	76	59.3	8		7			*			06.0			R	59		*	X	0.22	10.0	
25	08	64	10.0	IN	0010	37	16.1	76	59.3	8		7			*			08.0			R	59		*	X	0.12	10.0	
25	08	64	10.5	IN	0010	37	16.1	76	59.3	8		8			*			00.0	T	27.90	R	64	L	*	X	0.00	10.5	
25	08	64	10.5	IN	0010	37	16.1	76	59.3	8		8			*			00.0					D	00	D	0.00	10.5	
25	08	64	10.5	IN	0010	37	16.1	76	59.3	8		8			*			02.0			R	59	L	*	X	0.00	10.5	
25	08	64	10.5	IN	0010	37	16.1	76	59.3	8		8			*			04.0			R	58	L	*	X	0.00	10.5	
25	08	64	10.5	IN	0010	37	16.1	76	59.3	8		8			*			06.0			R	59	L	*	X	0.00	10.5	
25	08	64	10.5	IN	0010	37	16.1	76	59.3	8		8			*			08.0			R	62	L	*	X	0.00	10.5	
25	08	64	11.0	IN	0010	37	16.1	76	59.3	8		1			*	0.9		00.0	T	28.30	R	53		*	X	0.15	11.0	
25	08	64	11.0	IN	0010	37	16.1	76	59.3	8		1			*	0.9		00.0					D	03	D	0.19	11.0	
25	08	64	11.0	IN	0010	37	16.1	76	59.3	8		1			*	0.9		02.0			R	55		*	X	0.00	11.0	
25	08	64	11.0	IN	0010	37	16.1	76	59.3	8		1			*	0.9		04.0			R	59		*	X	0.08	11.0	
25	08	64	11.0	IN	0010	37	16.1	76	59.3	8		1			*	0.9		06.0			R	61		*	X	0.16	11.0	
25	08	64	11.0	IN	0010	37	16.1	76	59.3	8		1			*	0.9		08.0			R	62		*	X	0.17	11.0	
25	08	64	11.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.9		00.0	T	28.40	R	55	L	03		*	11.5	
25	08	64	11.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.9		00.0					D	03	D	0.29	11.7	
25	08	64	11.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.9		02.0			R	57	L	20	X	0.29	11.5	
25	08	64	11.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.9		04.0			R	61	L	20	X	0.35	11.5	
25	08	64	11.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.9		06.0			R	61	L	20	X	0.36	11.5	
25	08	64	11.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.9		08.0			R	63	L	20	X	0.33	11.6	
25	08	64	11.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.9		10.0					L	20	X	0.24	11.6	
25	08	64	12.0	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		00.0	T	27.50	R	74	L	10	X	0.48	12.0	
25	08	64	12.0	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		00.0					D	10	D	0.38	12.2	
25	08	64	12.0	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		02.0			R	63	L	20	X	0.50	12.0	
25	08	64	12.0	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		04.0			R	64	L	20	X	0.50	12.0	
25	08	64	12.0	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		06.0			R	66	L	20	X	0.00	12.1	
25	08	64	12.0	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		08.0			R	67	L	20	X	0.48	12.1	
25	08	64	12.0	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		10.0			R	67	L	20	X	0.40	12.1	
25	08	64	12.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		00.0	T	27.80	R	79	L	10	X	0.50	12.5	
25	08	64	12.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		00.0					D	10	D	0.54	12.7	
25	08	64	12.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		02.0			R	81	L	00	X	0.50	12.5	
25	08	64	12.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		04.0			R	80	L	00	X	0.50	12.5	
25	08	64	12.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		06.0			R	75	L	00	X	0.50	12.6	
25	08	64	12.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		08.0			R	69	L	00	X	0.50	12.6	
25	08	64	12.5	IN	0010	37	16.1	76	59.3	10		1		*	*	0.8		10.0			R	69	L	00	X	0.38	12.7	
25	08	64	13.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		00.0	T	27.40	R	79	L	34	X	0.74	13.0	
25	08	64	13.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		00.0					D	34	D	0.51	13.2	
25	08	64	13.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		02.0			R	77	L	33	X	0.75	13.0	
25	08	64	13.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		04.0			R	75	L	33	X	0.76	13.0	
25	08	64	13.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		06.0			R	75	L	33	X	0.74	13.1	
25	08	64	13.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		08.0			R	76	L	33	X	0.51	13.1	
25	08	64	13.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		10.0			R	75	L	33	X	0.38	13.1	
25	08	64	13.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.8		00.0	T	27.60	R	85	L	34	X	0.50	13.5	
25	08	64	13.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.8		00.0					D	34	D	0.50	13.7	
25	08	64	13.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.8		02.0			R	86	L	34	X	0.60	13.5	
25	08	64	13.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.8		04.0			R	87	L	34	X	0.60	13.5	
25	08	64	13.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.8		06.0			R	86	L	34	X	0.60	13.6	
25	08	64	13.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.8		08.0			R	86	L	34	X	0.50	13.6	
25	08	64	13.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.8		10.0			R	86	L	34	X	0.40	13.6	
25	08	64	14.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		00.0	T	27.90	R	96	L	34	X	0.45	14.0	
25	08	64	14.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		00.0					D	34	D	0.54	14.2	
25	08	64	14.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		02.0			R	88	L	33	X	0.50	14.0	
25	08	64	14.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		04.0			R	87	L	33	X	0.60	14.0	
25	08	64	14.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		06.0			R	1.06	L	33	X	0.60	14.1	
25	08	64	14.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		08.0			R	1.15	L	33	X	0.50	14.1	
25	08	64	14.0	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		10.0			R	1.32	L	33	X	0.25	14.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
25	08	64	14.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		00.0	T	27.80	R	1.26	L	35	X	0.62	14.5		
25	08	64	14.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		00.0					D	35	D	0.39	14.7		
25	08	64	14.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		02.0			R	1.28	L	34	X	0.60	14.5		
25	08	64	14.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		04.0			R	1.22	L	34	X	0.50	14.5		
25	08	64	14.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		06.0			R	1.12	L	34	X	0.50	14.6		
25	08	64	14.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		08.0			R	1.20	L	34	X	0.49	14.6		
25	08	64	14.5	IN	0010	37	16.1	76	59.3	10		2		*	*	0.7		10.0			R	1.12	L	34	X	0.28	14.6		
25	08	64	15.0	IN	0010	37	16.1	76	59.3	10		3		*	*	0.6		00.0	T	27.80	R	1.26	L	34	X	0.50	15.0		
25	08	64	15.0	IN	0010	37	16.1	76	59.3	10		3		*	*	0.6		00.0					D	34	D	0.35	15.2		
25	08	64	15.0	IN	0010	37	16.1	76	59.3	10		3		*	*	0.6		02.0			R	1.29	L	33	X	0.51	15.0		
25	08	64	15.0	IN	0010	37	16.1	76	59.3	10		3		*	*	0.6		04.0			R	1.31	L	33		*	15.0		
25	08	64	15.0	IN	0010	37	16.1	76	59.3	10		3		*	*	0.6		06.0			R	1.31	L	33		*	15.1		
25	08	64	15.0	IN	0010	37	16.1	76	59.3	10		3		*	*	0.6		08.0			R	1.30	L	33		*	15.1		
25	08	64	15.0	IN	0010	37	16.1	76	59.3	10		3		*	*	0.6		10.0			R	1.29	L	33		*	15.1		
25	08	64	16.0	IN	0010	37	16.1	76	59.3	10		4		*	*	0.6		00.0	T	27.00	R	1.22		*		*	16.0		
25	08	64	16.0	IN	0010	37	16.1	76	59.3	10		4		*	*	0.6		00.0					D	00	D	0.00	16.1		
25	08	64	16.0	IN	0010	37	16.1	76	59.3	10		4		*	*	0.6		02.0			R	1.33		*		*	16.0		
25	08	64	16.0	IN	0010	37	16.1	76	59.3	10		4		*	*	0.6		04.0			R	1.43		*		*	16.0		
25	08	64	16.0	IN	0010	37	16.1	76	59.3	10		4		*	*	0.6		06.0			R	1.48		*		*	16.0		
25	08	64	16.0	IN	0010	37	16.1	76	59.3	10		4		*	*	0.6		08.0			R	1.64		*		*	16.1		
25	08	64	16.0	IN	0010	37	16.1	76	59.3	10		4		*	*	0.6		10.0			R	1.53		*		*	16.1		
25	08	64	16.5	IN	0010	37	16.1	76	59.3	10		4		*	*	0.7		00.0	T	27.20	R	1.25		*		*	16.5		
25	08	64	16.5	IN	0010	37	16.1	76	59.3	10		4		*	*	0.7		02.0			R	1.50		*		*	16.5		
25	08	64	16.5	IN	0010	37	16.1	76	59.3	10		4		*	*	0.7		04.0			R	1.58		*		*	16.6		
25	08	64	16.5	IN	0010	37	16.1	76	59.3	10		4		*	*	0.7		06.0			R	1.54		*		*	16.6		
25	08	64	16.5	IN	0010	37	16.1	76	59.3	10		4		*	*	0.7		08.0			R	1.59		*		*	16.7		
25	08	64	16.5	IN	0010	37	16.1	76	59.3	10		4		*	*	0.7		10.0			R	1.62		*		*	16.7		
25	08	64	17.5	IN	0010	37	16.1	76	59.3	8		5			*	0.6		00.0	T	27.40	R	76	D	20	D	0.29	17.5		
25	08	64	17.5	IN	0010	37	16.1	76	59.3	8		5			*	0.6		02.0			R	1.15		*		*	17.5		
25	08	64	17.5	IN	0010	37	16.1	76	59.3	8		5			*	0.6		04.0			R	1.46		*		*	17.5		
25	08	64	17.5	IN	0010	37	16.1	76	59.3	8		5			*	0.6		06.0			R	1.54		*		*	17.5		
25	08	64	17.5	IN	0010	37	16.1	76	59.3	8		5			*	0.6		08.0			R	1.59		*		*	17.5		
25	08	64	18.0	IN	0010	37	16.1	76	59.3	8		5			*	0.8		00.0	T	27.20	R	75	D	20	D	0.35	18.0		
25	08	64	18.0	IN	0010	37	16.1	76	59.3	8		5			*	0.8		02.0			R	1.02		*		*	18.0		
25	08	64	18.0	IN	0010	37	16.1	76	59.3	8		5			*	0.8		04.0			R	1.04		*		*	18.1		
25	08	64	18.0	IN	0010	37	16.1	76	59.3	8		5			*	0.8		06.0			R	1.25		*		*	18.1		
25	08	64	18.0	IN	0010	37	16.1	76	59.3	8		5			*	0.8		08.0			R	1.38		*		*	18.2		
25	08	64	18.5	IN	0010	37	16.1	76	59.3	8		5			*	0.8		00.0	T	27.40	R	1.09	D	22	D	0.37	18.5		
25	08	64	18.5	IN	0010	37	16.1	76	59.3	8		5			*	0.8		02.0			R	1.13		*		*	18.5		
25	08	64	18.5	IN	0010	37	16.1	76	59.3	8		5			*	0.8		04.0			R	1.14		*		*	18.5		
25	08	64	18.5	IN	0010	37	16.1	76	59.3	8		5			*	0.8		06.0			R	1.09		*		*	18.5		
25	08	64	18.5	IN	0010	37	16.1	76	59.3	8		5			*	0.8		08.0			R	1.18		*		*	18.6		
25	08	64	19.0	IN	0010	37	16.1	76	59.3	8		5			*	0.7		00.0	T	27.20	R	93	D	22	D	0.44	19.0		
25	08	64	19.0	IN	0010	37	16.1	76	59.3	8		5			*	0.7		02.0			R	1.02		*		*	19.0		
25	08	64	19.0	IN	0010	37	16.1	76	59.3	8		5			*	0.7		04.0			R	1.06		*		*	19.0		
25	08	64	19.0	IN	0010	37	16.1	76	59.3	8		5			*	0.7		06.0			R	1.11		*		*	19.0		
25	08	64	19.0	IN	0010	37	16.1	76	59.3	8		5			*	0.7		08.0			R	1.19		*		*	19.1		
25	08	64	19.5	IN	0010	37	16.1	76	59.3	8		6			*			00.0	T	27.10	R	87	D	22	D	0.57	19.5		
25	08	64	19.5	IN	0010	37	16.1	76	59.3	8		6			*			02.0			R	93		*		*	19.5		
25	08	64	19.5	IN	0010	37	16.1	76	59.3	8		6			*			04.0			R	95		*		*	19.5		
25	08	64	19.5	IN	0010	37	16.1	76	59.3	8		6			*			06.0			R	98		*		*	19.5		
25	08	64	19.5	IN	0010	37	16.1	76	59.3	8		6			*			08.0			R	1.00		*		*	19.6		
25	08	64	20.0	IN	0010	37	16.1	76	59.3	8		6			*			00.0			R	85	D	23	D	0.49	20.0		
25	08	64	20.0	IN	0010	37	16.1	76	59.3	8		6			*			02.0			R	87		*		*	20.0		
25	08	64	20.0	IN	0010	37	16.1	76	59.3	8		6			*			04.0			R	90		*		*	20.0		
25	08	64	20.0	IN	0010	37	16.1	76	59.3	8		6			*			06.0			R	91		*		*	20.0		
25	08	64	20.0	IN	0010	37	16.1	76	59.3	8		6			*			08.0			R	94		*		*	20.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
25	08	64	20.5	IN	0010	37	16.1	76	59.3	8		6			*			00.0	T	26.80	R	87	D	16		*	20.5		
25	08	64	20.5	IN	0010	37	16.1	76	59.3	8		6			*			00.0						*	D	0.53	20.5		
25	08	64	20.5	IN	0010	37	16.1	76	59.3	8		6			*			02.0			R	78		*		*	20.5		
25	08	64	20.5	IN	0010	37	16.1	76	59.3	8		6			*			04.0			R	81		*		*	20.5		
25	08	64	20.5	IN	0010	37	16.1	76	59.3	8		6			*			06.0			R	82		*		*	20.5		
25	08	64	20.5	IN	0010	37	16.1	76	59.3	8		6			*			08.0			R	85		*		*	20.5		
25	08	64	21.0	IN	0010	37	16.1	76	59.3	8		6			*			00.0	T	26.90	R	59		*		*	21.0		
25	08	64	21.0	IN	0010	37	16.1	76	59.3	8		6			*			00.0					D	16	D	0.46	21.0		
25	08	64	21.0	IN	0010	37	16.1	76	59.3	8		6			*			02.0			R	61		*		*	21.0		
25	08	64	21.0	IN	0010	37	16.1	76	59.3	8		6			*			04.0			R	64		*		*	21.0		
25	08	64	21.0	IN	0010	37	16.1	76	59.3	8		6			*			06.0			R	67		*		*	21.0		
25	08	64	21.0	IN	0010	37	16.1	76	59.3	8		6			*			08.0			R	70		*		*	21.0		
25	08	64	21.5	IN	0010	37	16.1	76	59.3	9		6			*			00.0	T	26.80	R	59	D	16	D	0.44	21.5		
25	08	64	21.5	IN	0010	37	16.1	76	59.3	9		6			*			02.0			R	59		*		*	21.5		
25	08	64	21.5	IN	0010	37	16.1	76	59.3	9		6			*			04.0			R	61		*		*	21.5		
25	08	64	21.5	IN	0010	37	16.1	76	59.3	9		6			*			06.0			R	61		*		*	21.5		
25	08	64	21.5	IN	0010	37	16.1	76	59.3	9		6			*			08.0			R	80		*		*	21.5		
25	08	64	21.5	IN	0010	37	16.1	76	59.3	9		6			*			09.0			R	62		*		*	21.6		
25	08	64	22.0	IN	0010	37	16.1	76	59.3	8		6			*			00.0	T	26.50	R	59	D	16	D	0.54	22.0		
25	08	64	22.0	IN	0010	37	16.1	76	59.3	8		6			*			02.0			R	56		*		*	22.0		
25	08	64	22.0	IN	0010	37	16.1	76	59.3	8		6			*			04.0			R	58		*		*	22.0		
25	08	64	22.0	IN	0010	37	16.1	76	59.3	8		6			*			06.0			R	58		*		*	22.0		
25	08	64	22.0	IN	0010	37	16.1	76	59.3	8		6			*			08.0			R	59		*		*	22.1		
25	08	64	22.5	IN	0010	37	16.1	76	59.3	8		7			*			00.0	T	26.50	R	54	D	16	D	0.12	22.5		
25	08	64	22.5	IN	0010	37	16.1	76	59.3	8		7			*			02.0			R	54		*		*	22.5		
25	08	64	22.5	IN	0010	37	16.1	76	59.3	8		7			*			04.0			R	55		*		*	22.6		
25	08	64	22.5	IN	0010	37	16.1	76	59.3	8		7			*			06.0			R	57		*		*	22.6		
25	08	64	22.5	IN	0010	37	16.1	76	59.3	8		7			*			08.0			R	57		*		*	22.7		
25	08	64	23.0	IN	0010	37	16.1	76	59.3	8		8			*			00.0	T	26.10	R	52	D	27	D	0.00	23.0		
25	08	64	23.0	IN	0010	37	16.1	76	59.3	8		8			*			02.0			R	55		*		*	23.0		
25	08	64	23.0	IN	0010	37	16.1	76	59.3	8		8			*			04.0			R	58		*		*	23.1		
25	08	64	23.0	IN	0010	37	16.1	76	59.3	8		8			*			06.0			R	56		*		*	23.1		
25	08	64	23.0	IN	0010	37	16.1	76	59.3	8		8			*			08.0			R	59		*		*	23.2		
25	08	64	23.5	IN	0010	37	16.1	76	59.3	8		1			*			00.0	T	26.30	R	55	D	31	D	0.31	23.5		
25	08	64	23.5	IN	0010	37	16.1	76	59.3	8		1			*			02.0			R	54		*		*	23.5		
25	08	64	23.5	IN	0010	37	16.1	76	59.3	8		1			*			04.0			R	58		*		*	23.6		
25	08	64	23.5	IN	0010	37	16.1	76	59.3	8		1			*			06.0			R	60		*		*	23.6		
25	08	64	23.5	IN	0010	37	16.1	76	59.3	8		1			*			08.0			R	68		*		*	23.7		

Cruise 0011

Stations:

10
13
11
12

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
31	08	64	09.0	IN	0011	36	59.4	76	30.0	2	5			*	0.4	00.0	T	26.40	R	19.22	L	15	P	0.44	09.0
31	08	64	09.0	IN	0011	36	59.4	76	30.0	2	5			*	0.4	02.0			R	19.18		*	P	0.32	09.1
31	08	64	09.5	IN	0011	36	59.4	76	30.0	2	5			*		00.0	T	26.20	R	19.04	L	14	P	0.41	09.5
31	08	64	09.5	IN	0011	36	59.4	76	30.0	2	5			*		02.0			R	19.04		*	P	0.29	09.5
31	08	64	10.0	IN	0011	36	59.4	76	30.0	2	5			*	0.5	00.0	T	26.20	R	18.87	L	15	P	0.35	10.0
31	08	64	10.0	IN	0011	36	59.4	76	30.0	2	5			*	0.5	02.0			R	18.92	F	25	P	0.20	10.0
31	08	64	10.5	IN	0011	36	59.4	76	30.0	2	6			*		00.0	T	26.40	R	18.77	L	15	P	0.24	10.5
31	08	64	10.5	IN	0011	36	59.4	76	30.0	2	6			*		02.0			R	18.84	F	15	P	0.14	10.5
31	08	64	11.0	IN	0011	36	59.4	76	30.0	*2	7	26	13	03	0.6	00.0	T	26.40	R	18.48	L	16	P	0.15	11.0
31	08	64	11.0	IN	0011	36	59.4	76	30.0	*2	7	26	13	03	0.6	02.0			R	18.48	F	15	P	0.07	11.0
31	08	64	11.5	IN	0011	36	59.4	76	30.0	2	7			*		00.0	T	26.40	R	18.63	L	21	P	0.15	11.6
31	08	64	11.5	IN	0011	36	59.4	76	30.0	2	7			*		02.0			R	18.71	F	00	P	0.05	11.6
31	08	64	12.0	IN	0011	36	59.4	76	30.0	2	1			*	0.6	00.0	T	26.60	R	18.52	D	31	P	0.19	12.0
31	08	64	12.0	IN	0011	36	59.4	76	30.0	2	1			*	0.6	02.0			R	18.76	F	31	F	0.17	12.0
31	08	64	12.5	IN	0011	36	59.4	76	30.0	2	*			*		00.0	T	26.60	R	18.88	L	33	P	0.26	12.5
31	08	64	12.5	IN	0011	36	59.4	76	30.0	2	*			*		02.0			R	19.07	F	32	P	0.25	12.5
31	08	64	13.0	IN	0011	36	59.4	76	30.0	*2	1	26	13	06	0.8	00.0	T	26.30	R	19.12	D	32	P	0.36	13.0
31	08	64	13.0	IN	0011	36	59.4	76	30.0	*2	1	26	13	06	0.8	02.0			R	19.11	F	32	P	0.37	13.0
31	08	64	13.5	IN	0011	36	59.4	76	30.0	2	2			*		00.0	T	26.40	R	19.49	L	32	P	0.40	13.6
31	08	64	13.5	IN	0011	36	59.4	76	30.0	2	2			*		02.0			R	19.58	F	32	P	0.32	13.6
31	08	64	14.0	IN	0011	36	59.4	76	30.0	*2	2	25	13	08	0.7	00.0	T	26.20	R	19.67	L	31	P	0.41	14.1
31	08	64	14.0	IN	0011	36	59.4	76	30.0	*2	2	25	13	08	0.7	02.0			R	19.67	F	31	P	0.30	14.1
31	08	64	14.5	IN	0011	36	59.4	76	30.0	2	*			*		00.0	T	26.30	R	19.78	D	30	P	0.45	14.5
31	08	64	14.5	IN	0011	36	59.4	76	30.0	2	*			*		02.0			R	19.80	F	30	P	0.37	14.5
31	08	64	15.0	IN	0011	36	59.4	76	30.0	*2	3	25	13	04	0.5	00.0	T	26.10	R	20.16	P	31	D	0.35	15.0
31	08	64	15.0	IN	0011	36	59.4	76	30.0	*2	3	25	13	04	0.5	00.0	T	26.10	R	20.16	P	31	D	0.35	15.0
31	08	64	15.0	IN	0011	36	59.4	76	30.0	*2	3	25	13	04	0.5	00.0						*	D	0.28	*
31	08	64	15.0	IN	0011	36	59.4	76	30.0	*2	3	25	13	04	0.5	02.0			R	20.29	P	31	U	0.32	15.0
31	08	64	15.5	IN	0011	36	59.4	76	30.0	2	*			*		00.0	T	26.00	R	20.48	P	30	D	0.41	15.5
31	08	64	15.5	IN	0011	36	59.4	76	30.0	2	*			*		02.0			R	20.54	P	30	U	0.30	15.5
31	08	64	16.0	IN	0011	36	59.4	76	30.0	2	3			*	0.4	00.0	T	25.90	R	20.60	P	30	D	0.25	16.1
31	08	64	16.0	IN	0011	36	59.4	76	30.0	2	3			*	0.4	02.0			R	20.79	P	30	U	0.21	16.1
31	08	64	16.5	IN	0011	36	59.4	76	30.0	2	3			*		00.0	T	25.90	R	21.02	P	31	U	0.17	16.5
31	08	64	16.5	IN	0011	36	59.4	76	30.0	2	3			*		00.0						*	D	0.18	16.5
31	08	64	16.5	IN	0011	36	59.4	76	30.0	2	3			*		02.0			R	21.03	P	31	U	0.20	16.5
31	08	64	17.0	IN	0011	36	59.4	76	30.0	*2	4	24	30	06		00.0	T	25.90	R	21.12	P	30	U	0.10	17.0
31	08	64	17.0	IN	0011	36	59.4	76	30.0	*2	4	24	30	06		00.0					P	30		*	17.0
31	08	64	17.0	IN	0011	36	59.4	76	30.0	*2	4	24	30	06		02.0			R	21.16	P	30	U	0.03	17.0
31	08	64	17.5	IN	0011	36	59.4	76	30.0	2	*			*		00.0	T	25.90	R	21.21	P	00	U	0.09	17.5
31	08	64	17.5	IN	0011	36	59.4	76	30.0	2	*			*		00.0					P	28		*	17.5
31	08	64	17.5	IN	0011	36	59.4	76	30.0	2	*			*		02.0			R	21.23	P	00	U	0.00	17.5

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
31	08	64	18.0	IN	0011	36	59.4	76	30.0	2		*			*			00.0	T	26.00	R	21.07	P	00	U	0.01	18.0		
31	08	64	18.0	IN	0011	36	59.4	76	30.0	2		*			*			00.0					P	28		*	18.0		
31	08	64	18.0	IN	0011	36	59.4	76	30.0	2		*			*			02.0			R	21.18	P	00	U	0.00	18.0		
31	08	64	09.3	BR	0011	37	00.9	76	28.3	2		8			*	1.0		00.0	T	26.40	R	19.99		*		*	*		
31	08	64	09.3	BR	0011	37	00.9	76	28.3	2		8			*	1.0		02.0			R	19.98		*		*	*		
31	08	64	09.6	BR	0011	37	00.9	76	28.3	2		1			*	0.9		00.0	T	26.40	R	19.91		*		*	*		
31	08	64	09.6	BR	0011	37	00.9	76	28.3	2		1			*	0.9		02.0			R	19.91		*		*	*		
31	08	64	10.0	BR	0011	37	00.9	76	28.3	2		1			*	0.9		00.0	T	26.40	R	19.90		*		*	*		
31	08	64	10.0	BR	0011	37	00.9	76	28.3	2		1			*	0.9		02.0			R	19.90		*		*	*		
31	08	64	10.5	BR	0011	37	00.9	76	28.3	2		*			*	0.8		00.0	T	26.40	R	19.93		*		*	*		
31	08	64	10.5	BR	0011	37	00.9	76	28.3	2		*			*	0.8		02.0			R	19.90		*		*	*		
31	08	64	11.0	BR	0011	37	00.9	76	28.3	2		*			*	0.8		00.0	T	26.40	R	19.90		*		*	*		
31	08	64	11.0	BR	0011	37	00.9	76	28.3	2		*			*	0.8		02.0			R	19.90		*		*	*		
31	08	64	11.5	BR	0011	37	00.9	76	28.3	2		1			*			00.0	T	26.40	R	19.95		*		*	*		
31	08	64	11.5	BR	0011	37	00.9	76	28.3	2		1			*			02.0			R	19.96		*		*	*		
31	08	64	12.0	BR	0011	37	00.9	76	28.3	2		2			*	0.9		00.0	T	26.40	R	20.02		*	Y	0.32	12.3		
31	08	64	12.0	BR	0011	37	00.9	76	28.3	2		2			*	0.9		00.0					P	34	D	0.22	12.0		
31	08	64	12.0	BR	0011	37	00.9	76	28.3	2		2			*	0.9		02.0			R	20.02		*	Y	0.22	12.0		
31	08	64	12.5	BR	0011	37	00.9	76	28.3	2		2			*			00.0	T	26.60	R	19.00		*	Y	0.45	12.5		
31	08	64	12.5	BR	0011	37	00.9	76	28.3	2		2			*			00.0					P	35	D	0.39	12.5		
31	08	64	12.5	BR	0011	37	00.9	76	28.3	2		2			*			02.0			R	19.71		*	Y	0.21	12.5		
31	08	64	13.0	BR	0011	37	00.9	76	28.3	*2		2	26	13	06	1.0		00.0	T	26.40	R	19.55		*	Y	0.39	13.0		
31	08	64	13.0	BR	0011	37	00.9	76	28.3	*2		2	26	13	06	1.0		00.0					P	34	D	0.42	13.0		
31	08	64	13.0	BR	0011	37	00.9	76	28.3	*2		2	26	13	06	1.0		02.0			R	19.55		*	Y	0.24	13.0		
31	08	64	13.5	BR	0011	37	00.9	76	28.3	2		2			*			00.0	T	26.40	R	19.55		*	Y	0.36	13.5		
31	08	64	13.5	BR	0011	37	00.9	76	28.3	2		2			*			00.0					P	34	D	0.32	13.5		
31	08	64	13.5	BR	0011	37	00.9	76	28.3	2		2			*			02.0			R	19.55		*	Y	0.29	13.5		
31	08	64	14.5	BR	0011	37	00.9	76	28.3	2		2			*	1.0		00.0	T	26.30	R	19.87	P	32	Y	0.35	14.5		
31	08	64	14.5	BR	0011	37	00.9	76	28.3	2		2			*	1.0		02.0			R	19.98		*	Y	0.30	14.5		
31	08	64	15.0	BR	0011	37	00.9	76	28.3	3		2			*			00.0	T	26.20	R	20.58	P	31	Y	0.33	15.0		
31	08	64	15.0	BR	0011	37	00.9	76	28.3	3		2			*			02.0	T	26.20	R	20.64		*	Y	0.24	15.0		
31	08	64	15.5	BR	0011	37	00.9	76	28.3	3		2			*	1.0		00.0	T	26.20	R	21.49	P	31	Y	0.32	15.5		
31	08	64	15.5	BR	0011	37	00.9	76	28.3	3		2			*	1.0		02.0			R	21.52		*	Y	0.23	15.5		
31	08	64	16.0	BR	0011	37	00.9	76	28.3	3		3			*			00.0	T	26.20	R	21.62	P	32	Y	0.28	16.0		
31	08	64	16.0	BR	0011	37	00.9	76	28.3	3		3			*			02.0			R	21.63		*	Y	0.15	16.0		
31	08	64	16.5	BR	0011	37	00.9	76	28.3	3		3			*	1.3		00.0	T	26.10	R	21.95	P	32	Y	0.24	16.5		
31	08	64	16.5	BR	0011	37	00.9	76	28.3	3		3			*	1.3		02.0			R	21.95		*	Y	0.15	16.5		
31	08	64	17.0	BR	0011	37	00.9	76	28.3	3		3			*			00.0	T	26.10	R	21.99	P	30	Y	0.26	17.0		
31	08	64	17.0	BR	0011	37	00.9	76	28.3	3		3			*			02.0			R	22.17		*	Y	0.13	17.0		
31	08	64	17.5	BR	0011	37	00.9	76	28.3	3		3			*	1.4		00.0	T	26.10	R	22.00	P	30	Y	0.18	17.5		
31	08	64	17.5	BR	0011	37	00.9	76	28.3	3		3			*	1.4		02.0			R	22.11		*	Y	0.04	17.5		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
31	08	64	18.0	BR	0011	37	00.9	76	28.3	3	*			*		00.0	T	26.00	R	21.53	P	28	Y	0.16	18.0
31	08	64	18.0	BR	0011	37	00.9	76	28.3	3	*			*		02.0			R	21.62		*	Y	0.05	18.0
31	08	64	18.5	BR	0011	37	00.9	76	28.3	3	3			*	1.3	00.0	T	25.90	R	21.45	P	27	Y	0.07	18.5
31	08	64	18.5	BR	0011	37	00.9	76	28.3	3	3			*	1.3	02.0			R	21.55		*	Y	0.05	18.5
31	08	64	10.0	LA	0011	36	59.9	76	29.4	7	6			*		00.0			R	18.10		*	D	0.44	10.4
31	08	64	10.0	LA	0011	36	59.9	76	29.4	7	6			*		02.0			R	18.65		*	T	0.50	10.4
31	08	64	10.0	LA	0011	36	59.9	76	29.4	7	6			*		04.0			R	19.07		*	T	0.40	10.3
31	08	64	10.0	LA	0011	36	59.9	76	29.4	7	6			*		06.0			R	19.32		*	T	0.25	10.3
31	08	64	10.5	LA	0011	36	59.9	76	29.4	7	6	24		03		00.0			R	18.22	P	12	D	0.35	10.6
31	08	64	10.5	LA	0011	36	59.9	76	29.4	7	6	24		03		02.0			R	18.44	P	12	T	0.50	10.6
31	08	64	10.5	LA	0011	36	59.9	76	29.4	7	6	24		03		04.0			R	18.89	P	12	T	0.39	10.7
31	08	64	10.5	LA	0011	36	59.9	76	29.4	7	6	24		03		06.0			R	19.28	P	12	T	0.18	10.8
31	08	64	11.0	LA	0011	36	59.9	76	29.4	17	7	26	13	05	1.5	00.0			R	17.72	P	12	D	0.22	11.2
31	08	64	11.0	LA	0011	36	59.9	76	29.4	17	7	26	13	05	1.5	02.0			R	18.05	P	12	T	0.31	11.2
31	08	64	11.0	LA	0011	36	59.9	76	29.4	17	7	26	13	05	1.5	04.0			R	18.51	P	12	T	0.28	11.1
31	08	64	11.0	LA	0011	36	59.9	76	29.4	17	7	26	13	05	1.5	06.0			R	19.02	P	12	T	0.10	11.1
31	08	64	11.5	LA	0011	36	59.9	76	29.4	*6	7	26	13	07		00.0			R	18.31	P	12	D	0.11	11.5
31	08	64	11.5	LA	0011	36	59.9	76	29.4	*6	7	26	13	07		02.0			R	18.53	P	12	T	0.18	11.5
31	08	64	11.5	LA	0011	36	59.9	76	29.4	*6	7	26	13	07		04.0			R	19.03	P	12	T	0.10	11.6
31	08	64	11.5	LA	0011	36	59.9	76	29.4	*6	7	26	13	07		05.0			R	19.04	P	12	T	0.05	11.6
31	08	64	12.0	LA	0011	36	59.9	76	29.4	*7	8	26	13	10	1.4	00.0	T	26.80	R	17.76	P	00	D	0.00	12.2
31	08	64	12.0	LA	0011	36	59.9	76	29.4	*7	8	26	13	10	1.4	02.0	T	27.00	R	17.70	P	00	T	0.04	12.2
31	08	64	12.0	LA	0011	36	59.9	76	29.4	*7	8	26	13	10	1.4	04.0	T	26.70	R	17.76	P	00	T	0.08	12.2
31	08	64	12.0	LA	0011	36	59.9	76	29.4	*7	8	26	13	10	1.4	06.0	T	26.60	R	19.14	P	30	T	0.20	12.1
31	08	64	12.5	LA	0011	36	59.9	76	29.4	6	1			*		00.0			R	17.81	P	30	D	0.18	12.5
31	08	64	12.5	LA	0011	36	59.9	76	29.4	6	1			*		02.0			R	18.40	P	30	T	0.16	12.5
31	08	64	12.5	LA	0011	36	59.9	76	29.4	6	1			*		04.0			R	18.67	P	30	T	0.30	12.5
31	08	64	12.5	LA	0011	36	59.9	76	29.4	6	1			*		06.0			R	19.15	P	30	T	0.30	12.5
31	08	64	13.0	LA	0011	36	59.9	76	29.4	*6	1	26	13	06	1.4	00.0	T	26.40	R	18.15	P	29	D	0.24	13.1
31	08	64	13.0	LA	0011	36	59.9	76	29.4	*6	1	26	13	06	1.4	02.0	T	26.40	R	18.67	P	29	T	0.40	13.0
31	08	64	13.0	LA	0011	36	59.9	76	29.4	*6	1	26	13	06	1.4	04.0	T	26.40	R	19.09	P	29	T	0.48	13.0
31	08	64	13.0	LA	0011	36	59.9	76	29.4	*6	1	26	13	06	1.4	06.0	T	26.40	R	19.13	P	29	T	0.35	13.0
31	08	64	13.5	LA	0011	36	59.9	76	29.4	6	2			*		00.0			R	18.53	P	30	D	0.39	13.6
31	08	64	13.5	LA	0011	36	59.9	76	29.4	6	2			*		02.0			R	18.79	P	00	T	0.50	13.5
31	08	64	13.5	LA	0011	36	59.9	76	29.4	6	2			*		04.0			R	19.49	P	30	T	0.48	13.5
31	08	64	13.5	LA	0011	36	59.9	76	29.4	6	2			*		06.0			R	19.65	P	30	T	0.42	13.5
31	08	64	14.0	LA	0011	36	59.9	76	29.4	*6	*	25	13	08		00.0	T	26.20	R	19.76	P	31	D	0.48	14.2
31	08	64	14.0	LA	0011	36	59.9	76	29.4	*6	*	25	13	08		02.0	T	26.30	R	19.76	P	30	T	0.52	14.2
31	08	64	14.0	LA	0011	36	59.9	76	29.4	*6	*	25	13	08		04.0	T	26.20	R	19.78	P	30	T	0.50	14.1
31	08	64	14.0	LA	0011	36	59.9	76	29.4	*6	*	25	13	08		06.0	T	26.20	R	19.89	P	30	T	0.45	14.1
31	08	64	14.5	LA	0011	36	59.9	76	29.4	6	*			*		00.0			R	20.07	P	30	D	0.48	14.6
31	08	64	14.5	LA	0011	36	59.9	76	29.4	6	*			*		02.0			R	20.12	P	30	T	0.50	14.6
31	08	64	14.5	LA	0011	36	59.9	76	29.4	6	*			*		04.0			R	20.10	P	30	T	0.49	14.5
31	08	64	14.5	LA	0011	36	59.9	76	29.4	6	*			*		06.0			R	20.14	P	30	T	0.45	14.5
31	08	64	15.0	LA	0011	36	59.9	76	29.4	*6	2	25	13	04	1.4	00.0	T	26.20	R	20.35	P	31	D	0.39	15.1
31	08	64	15.0	LA	0011	36	59.9	76	29.4	*6	2	25	13	04	1.4	02.0	T	26.30	R	20.35	P	33	T	0.50	15.1
31	08	64	15.0	LA	0011	36	59.9	76	29.4	*6	2	25	13	04	1.4	04.0	T	26.30	R	20.33	P	33	T	0.47	15.0
31	08	64	15.0	LA	0011	36	59.9	76	29.4	*6	2	25	13	04	1.4	06.0	T	26.20	R	20.35	P	33	T	0.45	15.0

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
31	08	64	15.5	LA	0011	36	59.9	76	29.4	6		2			*			00.0			R	20.58	P	32	D	0.39	15.7	
31	08	64	15.5	LA	0011	36	59.9	76	29.4	6		2			*			02.0			R	20.63	P	33	T	0.45	15.7	
31	08	64	15.5	LA	0011	36	59.9	76	29.4	6		2			*			04.0			R	20.72	P	33	T	0.45	15.6	
31	08	64	15.5	LA	0011	36	59.9	76	29.4	6		2			*			06.0			R	20.82	P	33	T	0.45	15.6	
31	08	64	16.0	LA	0011	36	59.9	76	29.4	*6		3	24	13	02	1.4		00.0	T	26.20	R	21.28	P	29	D	0.31	16.0	
31	08	64	16.0	LA	0011	36	59.9	76	29.4	*6		3	24	13	02	1.4		02.0	T	26.20	R	21.29	P	33	T	0.45	16.0	
31	08	64	16.0	LA	0011	36	59.9	76	29.4	*6		3	24	13	02	1.4		04.0	T	26.20	R	21.25	P	33	T	0.45	16.1	
31	08	64	16.0	LA	0011	36	59.9	76	29.4	*6		3	24	13	02	1.4		06.0	T	26.20	R	21.18	P	33	T	0.45	16.1	
31	08	64	16.5	LA	0011	36	59.9	76	29.4	*6		*	24	30	05			00.0			R	21.24	P	25	D	0.42	16.6	
31	08	64	16.5	LA	0011	36	59.9	76	29.4	*6		*	24	30	05			02.0			R	21.55	P	25	T	0.48	16.5	
31	08	64	16.5	LA	0011	36	59.9	76	29.4	*6		*	24	30	05			04.0			R	21.72	P	25	T	0.04	16.5	
31	08	64	16.5	LA	0011	36	59.9	76	29.4	*6		*	24	30	05			06.0			R	21.75	P	25	T	0.05	16.6	
31	08	64	17.0	LA	0011	36	59.9	76	29.4	6		3	23		06	1.0		00.0	T	26.10	R	21.37	P	25	D	0.28	17.3	
31	08	64	17.0	LA	0011	36	59.9	76	29.4	6		3	23		06	1.0		02.0	T	26.00	R	21.81	P	02	T	0.40	17.1	
31	08	64	17.0	LA	0011	36	59.9	76	29.4	6		3	23		06	1.0		04.0	T	26.00	R	21.91	P	02	T	0.31	17.1	
31	08	64	17.0	LA	0011	36	59.9	76	29.4	6		3	23		06	1.0		06.0	T	26.10	R	21.93	P	02	T	0.30	17.1	
31	08	64	17.5	LA	0011	36	59.9	76	29.4	6		*			*			00.0			R	21.40	P	25	D	0.28	17.6	
31	08	64	17.5	LA	0011	36	59.9	76	29.4	6		*			*			02.0			R	21.82		*	T	0.30	17.6	
31	08	64	17.5	LA	0011	36	59.9	76	29.4	6		*			*			04.0			R	21.94		*	T	0.24	17.6	
31	08	64	17.5	LA	0011	36	59.9	76	29.4	6		*			*			06.0			R	21.99		*	T	0.20	17.5	
31	08	64	18.0	LA	0011	36	59.9	76	29.4	6		*	23		09	1.0		00.0	T	25.80	R	21.68	P	16	D	0.14	18.1	
31	08	64	18.0	LA	0011	36	59.9	76	29.4	6		*	23		09	1.0		02.0	T	25.60	R	21.98		*	T	0.16	18.0	
31	08	64	18.0	LA	0011	36	59.9	76	29.4	6		*	23		09	1.0		04.0	T	25.90	R	22.06		*	T	0.11	18.0	
31	08	64	18.0	LA	0011	36	59.9	76	29.4	6		*	23		09	1.0		06.0	T	25.90	R	22.03		*	T	0.14	18.0	
31	08	64	18.5	LA	0011	36	59.9	76	29.4	6		8			*			00.0			R	21.80	P	00	D	0.00	18.5	
31	08	64	18.5	LA	0011	36	59.9	76	29.4	6		8			*			02.0			R	21.86		*	T	0.08	18.5	
31	08	64	18.5	LA	0011	36	59.9	76	29.4	6		8			*			04.0			R	21.90		*	T	0.08	18.5	
31	08	64	18.5	LA	0011	36	59.9	76	29.4	6		8			*			06.0			R	22.04		*	T	0.10	18.5	
31	08	64	10.0	PA	0011	37	00.4	76	28.7	10		6		*	*			00.0	C	26.34	C	18.51	L	13	D	0.35	10.4	
31	08	64	10.0	PA	0011	37	00.4	76	28.7	10		6		*	*			02.0	C	26.24	C	19.10		*	U	0.40	10.1	
31	08	64	10.0	PA	0011	37	00.4	76	28.7	10		6		*	*			04.0	C	26.26	C	19.63		*	U	0.10	10.2	
31	08	64	10.0	PA	0011	37	00.4	76	28.7	10		6		*	*			06.0	C	26.30	C	19.97	P	12	U	0.38	10.2	
31	08	64	10.0	PA	0011	37	00.4	76	28.7	10		6		*	*			08.0	C	26.30	C	20.02		*	U	0.20	10.2	
31	08	64	10.0	PA	0011	37	00.4	76	28.7	10		6		*	*			10.0	C	26.28	C	20.12	P	13	U	0.20	10.3	
31	08	64	10.5	PA	0011	37	00.4	76	28.7	10		6	24	*	03			00.0	C	26.40	C	18.15	L	12	D	0.39	10.7	
31	08	64	10.5	PA	0011	37	00.4	76	28.7	10		6	24	*	03			02.0	C	26.26	C	19.08		*	U	0.30	10.7	
31	08	64	10.5	PA	0011	37	00.4	76	28.7	10		6	24	*	03			04.0	C	26.26	C	19.31	P	14	U	0.15	10.7	
31	08	64	10.5	PA	0011	37	00.4	76	28.7	10		6	24	*	03			06.0	C	26.30	C	19.86		*	U	0.21	10.6	
31	08	64	10.5	PA	0011	37	00.4	76	28.7	10		6	24	*	03			08.0	C	26.30	C	20.04	P	13	U	0.10	10.6	
31	08	64	10.5	PA	0011	37	00.4	76	28.7	10		6	24	*	03			10.0	C	26.28	C	20.08		*	U	0.03	10.6	
31	08	64	11.0	PA	0011	37	00.4	76	28.7	10		7	26	13	05	0.8		00.0	C	23.34	C	19.13	L	11	D	0.33	11.2	
31	08	64	11.0	PA	0011	37	00.4	76	28.7	10		7	26	13	05	0.8		02.0	C	26.28	C	18.95		*	U	0.24	11.1	
31	08	64	11.0	PA	0011	37	00.4	76	28.7	10		7	26	13	05	0.8		04.0	C	26.28	C	19.68	U	00	5	*	11.1	
31	08	64	11.0	PA	0011	37	00.4	76	28.7	10		7	26	13	05	0.8		06.0	C	26.30	C	19.93		*	U	0.05	11.1	
31	08	64	11.0	PA	0011	37	00.4	76	28.7	10		7	26	13	05	0.8		08.0	C	26.30	C	20.00		*	U	0.05	11.1	
31	08	64	11.0	PA	0011	37	00.4	76	28.7	10		7	26	13	05	0.8		10.0	C	26.28	C	20.05		*	U	0.05	11.1	
31	08	64	11.5	PA	0011	37	00.4	76	28.7	10		8	26	13	07			00.0	C	26.38	C	17.46	L	10	D	0.27	11.7	
31	08	64	11.5	PA	0011	37	00.4	76	28.7	10		8	26	13	07			02.0	C	26.28	C	18.64		*	U	0.02	11.7	
31	08	64	11.5	PA	0011	37	00.4	76	28.7	10		8	26	13	07			04.0	C	26.28	C	19.71	U	00		0.00	11.7	
31	08	64	11.5	PA	0011	37	00.4	76	28.7	10		8	26	13	07			06.0	C	26.28	C	20.07		*	U	0.02	11.7	
31	08	64	11.5	PA	0011	37	00.4	76	28.7	10		8	26	13	07			08.0	C	26.30	C	20.16		*	U	0.03	11.7	
31	08	64	11.5	PA	0011	37	00.4	76	28.7	10		8	26	13	07			10.0	C	26.26	C	20.33		*	U	0.05	11.7	

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
31	08	64	12.0	PA	0011	37	00.4	76	28.7	10		8	26	13	02			00.0	C	26.30	C	18.60		*	D	0.00	12.5	
31	08	64	12.0	PA	0011	37	00.4	76	28.7	10		8	26	13	02			02.0	C	26.30	C	18.92		*	U	0.13	12.4	
31	08	64	12.0	PA	0011	37	00.4	76	28.7	10		8	26	13	02			04.0	C	26.28	C	19.62		*	U	0.15	12.4	
31	08	64	12.0	PA	0011	37	00.4	76	28.7	10		8	26	13	02			06.0	C	26.28	C	19.97		*	U	0.40	12.4	
31	08	64	12.0	PA	0011	37	00.4	76	28.7	10		8	26	13	02			08.0	C	26.26	C	20.38		*	U	0.35	12.4	
31	08	64	12.0	PA	0011	37	00.4	76	28.7	10		8	26	13	02			10.0	C	26.26	C	20.41		*	U	0.20	12.4	
31	08	64	12.5	PA	0011	37	00.4	76	28.7	10		1		*	*			00.0	C	26.40	C	18.13		*		*	*	
31	08	64	12.5	PA	0011	37	00.4	76	28.7	10		1		*	*			02.0	C	26.28	C	18.87		*		*	*	
31	08	64	12.5	PA	0011	37	00.4	76	28.7	10		1		*	*			04.0	C	26.26	C	19.48		*		*	*	
31	08	64	12.5	PA	0011	37	00.4	76	28.7	10		1		*	*			06.0	C	26.25	C	19.87		*		*	*	
31	08	64	12.5	PA	0011	37	00.4	76	28.7	10		1		*	*			08.0	C	26.25	C	20.31		*		*	*	
31	08	64	12.5	PA	0011	37	00.4	76	28.7	10		1		*	*			10.0	C	26.24	C	20.37		*		*	*	
31	08	64	13.0	PA	0011	37	00.4	76	28.7	10		2	26	13	06	1.0		00.0	C	26.50	C	17.97	L	33	D	0.38	13.2	
31	08	64	13.0	PA	0011	37	00.4	76	28.7	10		2	26	13	06	1.0		02.0	C	26.28	C	19.22		*	U	0.55	13.2	
31	08	64	13.0	PA	0011	37	00.4	76	28.7	10		2	26	13	06	1.0		04.0	C	26.24	C	19.48		*	U	0.55	13.2	
31	08	64	13.0	PA	0011	37	00.4	76	28.7	10		2	26	13	06	1.0		06.0	C	26.22	C	20.23	P	29	U	0.40	13.2	
31	08	64	13.0	PA	0011	37	00.4	76	28.7	10		2	26	13	06	1.0		08.0	C	26.22	C	20.36		*	U	0.37	13.3	
31	08	64	13.0	PA	0011	37	00.4	76	28.7	10		2	26	13	06	1.0		10.0	C	26.22	C	20.40	P	30	U	0.32	13.4	
31	08	64	13.5	PA	0011	37	00.4	76	28.7	10		2		*	*			00.0	C	26.42	C	18.40	L	33	D	0.29	13.6	
31	08	64	13.5	PA	0011	37	00.4	76	28.7	10		2		*	*			02.0	C	26.30	C	19.28		*	U	0.60	13.7	
31	08	64	13.5	PA	0011	37	00.4	76	28.7	10		2		*	*			04.0	C	26.22	C	19.82		*	U	0.60	13.7	
31	08	64	13.5	PA	0011	37	00.4	76	28.7	10		2		*	*			06.0	C	26.20	C	20.44	P	30	U	0.50	13.6	
31	08	64	13.5	PA	0011	37	00.4	76	28.7	10		2		*	*			08.0	C	26.20	C	20.51		*	U	0.48	13.6	
31	08	64	13.5	PA	0011	37	00.4	76	28.7	10		2		*	*			10.0	C	26.20	C	20.53	P	30	U	0.38	13.6	
31	08	64	14.0	PA	0011	37	00.4	76	28.7	10		2	25	13	08	1.3		00.0					P	31	D	0.29	14.0	
31	08	64	14.0	PA	0011	37	00.4	76	28.7	10		2	25	13	08	1.3		00.0	C	26.44	C	19.12	P	31	X	0.75	14.0	
31	08	64	14.0	PA	0011	37	00.4	76	28.7	10		2	25	13	08	1.3		02.0	C	26.30	C	19.52	P	31	X	0.62	14.1	
31	08	64	14.0	PA	0011	37	00.4	76	28.7	10		2	25	13	08	1.3		04.0	C	26.20	C	20.43	P	31	X	0.40	14.1	
31	08	64	14.0	PA	0011	37	00.4	76	28.7	10		2	25	13	08	1.3		06.0	C	26.16	C	20.86	P	31	X	0.50	14.1	
31	08	64	14.0	PA	0011	37	00.4	76	28.7	10		2	25	13	08	1.3		08.0	C	26.16	C	20.89	P	31	X	0.40	14.1	
31	08	64	14.0	PA	0011	37	00.4	76	28.7	10		2	25	13	08	1.3		10.0	C	26.14	C	20.93	P	31	X	0.40	14.2	
31	08	64	14.5	PA	0011	37	00.4	76	28.7	10		2	24	13	04	1.3		00.0					P	32	D	0.30	14.6	
31	08	64	14.5	PA	0011	37	00.4	76	28.7	10		2	24	13	04	1.3		00.0	C	26.34	C	19.83	P	32	X	0.85	14.5	
31	08	64	14.5	PA	0011	37	00.4	76	28.7	10		2	24	13	04	1.3		02.0	C	26.24	C	20.26	P	31	X	0.75	14.5	
31	08	64	14.5	PA	0011	37	00.4	76	28.7	10		2	24	13	04	1.3		04.0	C	26.14	C	20.93	P	31	X	0.55	14.5	
31	08	64	14.5	PA	0011	37	00.4	76	28.7	10		2	24	13	04	1.3		06.0	C	26.14	C	20.98	P	31	X	0.50	14.6	
31	08	64	14.5	PA	0011	37	00.4	76	28.7	10		2	24	13	04	1.3		08.0	C	26.14	C	21.01	P	30	X	0.50	14.6	
31	08	64	14.5	PA	0011	37	00.4	76	28.7	10		2	24	13	04	1.3		09.5	C	26.14	C	21.01	P	30	X	0.45	14.6	
31	08	64	15.0	PA	0011	37	00.4	76	28.7	10		2	24	12	04	1.4		00.0					P	30	D	0.29	15.2	
31	08	64	15.0	PA	0011	37	00.4	76	28.7	10		2	24	12	04	1.4		00.0	C	26.20	C	20.71	P	30	X	0.75	15.0	
31	08	64	15.0	PA	0011	37	00.4	76	28.7	10		2	24	12	04	1.4		02.0	C	26.16	C	20.97	P	31	X	0.68	15.0	
31	08	64	15.0	PA	0011	37	00.4	76	28.7	10		2	24	12	04	1.4		04.0	C	26.14	C	21.25	P	31	X	0.60	15.1	
31	08	64	15.0	PA	0011	37	00.4	76	28.7	10		2	24	12	04	1.4		06.0	C	26.10	C	21.40	P	31	X	0.50	15.1	
31	08	64	15.0	PA	0011	37	00.4	76	28.7	10		2	24	12	04	1.4		08.0	C	26.10	C	21.44	P	30	X	0.40	15.1	
31	08	64	15.0	PA	0011	37	00.4	76	28.7	10		2	24	12	04	1.4		09.5	C	26.10	C	21.45	P	30	X	0.35	15.1	
31	08	64	15.5	PA	0011	37	00.4	76	28.7	10		3	25	12	04			00.0					P	31	D	0.28	15.6	
31	08	64	15.5	PA	0011	37	00.4	76	28.7	10		3	25	12	04			00.0	C	26.12	C	21.58	P	31	X	0.70	15.5	
31	08	64	15.5	PA	0011	37	00.4	76	28.7	10		3	25	12	04			02.0	C	26.12	C	21.58	P	31	X	0.70	15.5	
31	08	64	15.5	PA	0011	37	00.4	76	28.7	10		3	25	12	04			04.0	C	26.12	C	21.58	P	31	X	0.62	15.5	
31	08	64	15.5	PA	0011	37	00.4	76	28.7	10		3	25	12	04			06.0	C	26.12	C	21.58	P	31	X	0.58	15.5	
31	08	64	15.5	PA	0011	37	00.4	76	28.7	10		3	25	12	04			08.0	C	26.10	C	21.60	P	31	X	0.50	15.6	
31	08	64	15.5	PA	0011	37	00.4	76	28.7	10		3	25	12	04			09.5	C	26.10	C	21.64	P	32	X	0.43	15.6	
31	08	64	16.0	PA	0011	37	00.4	76	28.7	10		3	25	12	04	1.2		00.0					P	31	D	0.26	16.2	
31	08	64	16.0	PA	0011	37	00.4	76	28.7	10		3	25	12	04	1.2		00.0	C	26.10	C	21.98	P	31	X	0.60	16.0	
31	08	64	16.0	PA	0011	37	00.4	76	28.7	10		3	25	12	04	1.2		02.0	C	26.10	C	21.98	P	31	X	0.50	16.0	
31	08	64	16.0	PA	0011	37	00.4	76	28.7	10		3	25	12	04	1.2		04.0	C	26.10	C	21.98	P	32	X	0.55	16.0	
31	08	64	16.0	PA	0011	37	00.4	76	28.7	10		3	25	12	04	1.2		06.0	C	26.10	C	22.00	P	32	X	0.60	16.1	
31	08	64	16.0	PA	0011	37	00.4	76	28.7	10		3	25	12	04	1.2		08.0	C	26.10	C	21.99	P	31	X	0.60	16.1	
31	08	64	16.0	PA	0011	37	00.4	76	28.7	10		3	25	12	04	1.2		09.5	C	26.10	C	22.00	P	31	X	0.35	16.2	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
31	08	64	16.5	PA	0011	37	00.4	76	28.7	10		3	25	30	02	1.2		00.0					P	30	D	0.25	16.6	
31	08	64	16.5	PA	0011	37	00.4	76	28.7	10		3	25	30	02	1.2		00.0	C	26.00	C	22.26	P	30	X	0.50	16.5	
31	08	64	16.5	PA	0011	37	00.4	76	28.7	10		3	25	30	02	1.2		02.0	C	26.10	C	22.18	P	30	X	0.45	16.5	
31	08	64	16.5	PA	0011	37	00.4	76	28.7	10		3	25	30	02	1.2		04.0	C	26.10	C	22.17	P	31	X	0.40	16.5	
31	08	64	16.5	PA	0011	37	00.4	76	28.7	10		3	25	30	02	1.2		06.0	C	26.10	C	22.17	P	31	X	0.38	16.5	
31	08	64	16.5	PA	0011	37	00.4	76	28.7	10		3	25	30	02	1.2		08.0	C	26.12	C	22.16	P	31	X	0.38	16.6	
31	08	64	16.5	PA	0011	37	00.4	76	28.7	10		3	25	30	02	1.2		09.5	C	26.12	C	22.16	P	31	X	0.35	16.6	
31	08	64	17.0	PA	0011	37	00.4	76	28.7	10		3	24	*	*			00.0	C	26.10	C	22.21	P	33	X	0.50	17.0	
31	08	64	17.0	PA	0011	37	00.4	76	28.7	10		3	24	*	*			02.0	C	26.10	C	22.21	P	33	X	0.40	17.0	
31	08	64	17.0	PA	0011	37	00.4	76	28.7	10		3	24	*	*			04.0	C	26.10	C	22.21	P	33	X	0.37	17.0	
31	08	64	17.0	PA	0011	37	00.4	76	28.7	10		3	24	*	*			06.0	C	26.10	C	22.21	P	33	X	0.35	17.0	
31	08	64	17.0	PA	0011	37	00.4	76	28.7	10		3	24	*	*			08.0	C	26.10	C	22.21	P	33	X	0.30	17.1	
31	08	64	17.0	PA	0011	37	00.4	76	28.7	10		3	24	*	*			09.5	C	26.10	C	22.21	P	33	X	0.20	17.1	
31	08	64	17.5	PA	0011	37	00.4	76	28.7	10		4	23	*	06			00.0					P	33	D	0.34	17.7	
31	08	64	17.5	PA	0011	37	00.4	76	28.7	10		4	23	*	06			00.0	C	26.04	C	22.17	P	33	X	0.30	17.6	
31	08	64	17.5	PA	0011	37	00.4	76	28.7	10		4	23	*	06			02.0	C	26.06	C	22.18	P	33	X	0.25	17.6	
31	08	64	17.5	PA	0011	37	00.4	76	28.7	10		4	23	*	06			04.0	C	26.08	C	22.17	P	33	X	0.25	17.6	
31	08	64	17.5	PA	0011	37	00.4	76	28.7	10		4	23	*	06			06.0	C	26.08	C	22.20	P	33	X	0.20	17.7	
31	08	64	17.5	PA	0011	37	00.4	76	28.7	10		4	23	*	06			08.0	C	26.08	C	22.20	P	33	X	0.20	17.7	
31	08	64	17.5	PA	0011	37	00.4	76	28.7	10		4	23	*	06			09.5	C	26.00	C	22.30	P	33	X	0.18	17.7	
31	08	64	18.0	PA	0011	37	00.4	76	28.7	10		4	23	*	09			00.0					P	31	D	0.00	18.3	
31	08	64	18.0	PA	0011	37	00.4	76	28.7	10		4	23	*	09			00.0	C	26.06	C	22.33	P	31	X	0.20	18.2	
31	08	64	18.0	PA	0011	37	00.4	76	28.7	10		4	23	*	09			02.0	C	26.08	C	22.32	P	31	X	0.04	18.2	
31	08	64	18.0	PA	0011	37	00.4	76	28.7	10		4	23	*	09			04.0	C	26.08	C	22.32	P	31	X	0.11	18.2	
31	08	64	18.0	PA	0011	37	00.4	76	28.7	10		4	23	*	09			06.0	C	26.08	C	22.32	P	31	X	0.11	18.2	
31	08	64	18.0	PA	0011	37	00.4	76	28.7	10		4	23	*	09			08.0	C	26.08	C	22.32	P	31	X	0.11	18.3	
31	08	64	18.0	PA	0011	37	00.4	76	28.7	10		4	23	*	09			09.5	C	26.08	C	22.32	P	31	X	0.15	18.3	
31	08	64	18.5	PA	0011	37	00.4	76	28.7	10		4		*	*			00.0					P	24	D	0.00	18.7	
31	08	64	18.5	PA	0011	37	00.4	76	28.7	10		4		*	*			00.0	C	26.02	C	22.35	P	24	X	0.15	18.6	
31	08	64	18.5	PA	0011	37	00.4	76	28.7	10		4		*	*			02.0	C	26.02	C	22.35	P	24	X	0.10	18.6	
31	08	64	18.5	PA	0011	37	00.4	76	28.7	10		4		*	*			04.0	C	26.04	C	22.34	P	24	X	0.10	18.6	
31	08	64	18.5	PA	0011	37	00.4	76	28.7	10		4		*	*			06.0	C	26.04	C	22.34	P	24	X	0.10	18.6	
31	08	64	18.5	PA	0011	37	00.4	76	28.7	10		4		*	*			08.0	C	26.05	C	22.33	P	24	X	0.09	18.7	
31	08	64	18.5	PA	0011	37	00.4	76	28.7	10		4		*	*			09.5	C	26.04	C	22.34	P	24	X	0.10	18.7	
01	09	64	07.5	PA	0011	37	00.4	76	28.7	10		*		*	*			00.0	C	25.62	C	22.01		*		*	*	
01	09	64	07.5	PA	0011	37	00.4	76	28.7	10		*		*	*			02.0	C	25.64	C	22.04		*		*	*	
01	09	64	07.5	PA	0011	37	00.4	76	28.7	10		*		*	*			04.0	C	25.73	C	22.26		*		*	*	
01	09	64	07.5	PA	0011	37	00.4	76	28.7	10		*		*	*			06.0	C	25.70	C	22.32		*		*	*	
01	09	64	07.5	PA	0011	37	00.4	76	28.7	10		*		*	*			08.0	C	25.72	C	22.33		*		*	*	
01	09	64	07.5	PA	0011	37	00.4	76	28.7	10		*		*	*			10.0	C	25.74	C	22.32		*		*	*	

Cruise 0012

Stations:

12
10
13
11

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
03	09	64	19.0	PA	0012	37	00.4	76	28.7	10	2		*	*		00.0	C	25.14	C	20.08	P	34	D	0.44	19.5
03	09	64	19.0	PA	0012	37	00.4	76	28.7	10	2		*	*		02.0	C	25.24	C	20.36		*	X	0.50	19.3
03	09	64	19.0	PA	0012	37	00.4	76	28.7	10	2		*	*		04.0	C	25.24	C	20.50		*	X	0.62	19.3
03	09	64	19.0	PA	0012	37	00.4	76	28.7	10	2		*	*		06.0	C	25.26	C	20.71	F	31	X	0.50	19.3
03	09	64	19.0	PA	0012	37	00.4	76	28.7	10	2		*	*		08.0	C	25.26	C	20.86		*	X	0.50	19.3
03	09	64	19.0	PA	0012	37	00.4	76	28.7	10	2		*	*		10.0	C	25.28	C	20.89	F	32	X	0.40	19.4
03	09	64	20.0	PA	0012	37	00.4	76	28.7	10	3		*	*		00.0	C	25.18	C	21.00		*	D	0.31	20.5
03	09	64	20.0	PA	0012	37	00.4	76	28.7	10	3		*	*		02.0	C	25.28	C	21.14		*	X	0.47	20.2
03	09	64	20.0	PA	0012	37	00.4	76	28.7	10	3		*	*		04.0	C	25.34	C	21.30		*	X	0.43	20.2
03	09	64	20.0	PA	0012	37	00.4	76	28.7	10	3		*	*		06.0	C	25.36	C	21.29		*	X	0.45	20.2
03	09	64	20.0	PA	0012	37	00.4	76	28.7	10	3		*	*		08.0	C	25.36	C	21.31		*	X	0.32	20.2
03	09	64	20.0	PA	0012	37	00.4	76	28.7	10	3		*	*		10.0	C	25.38	C	21.32	F	32	X	0.35	20.2
03	09	64	21.0	PA	0012	37	00.4	76	28.7	10	4		*	*		00.0	C	25.28	C	21.58	P	32		*	21.2
03	09	64	21.0	PA	0012	37	00.4	76	28.7	10	4		*	*		02.0	C	25.28	C	21.59		*	X	0.26	21.0
03	09	64	21.0	PA	0012	37	00.4	76	28.7	10	4		*	*		04.0	C	25.30	C	21.60		*	X	0.30	21.1
03	09	64	21.0	PA	0012	37	00.4	76	28.7	10	4		*	*		06.0	C	25.30	C	21.61	F	31	X	0.25	21.1
03	09	64	21.0	PA	0012	37	00.4	76	28.7	10	4		*	*		08.0	C	25.30	C	21.62		*	X	0.22	21.1
03	09	64	21.0	PA	0012	37	00.4	76	28.7	10	4		*	*		10.0	C	25.30	C	21.66	F	32	X	0.20	21.1
03	09	64	22.0	PA	0012	37	00.4	76	28.7	10	5		*	*		00.0	C	25.10	C	21.28	D	08	D	0.30	22.5
03	09	64	22.0	PA	0012	37	00.4	76	28.7	10	5		*	*		02.0	C	25.12	C	21.35		*	X	0.40	22.6
03	09	64	22.0	PA	0012	37	00.4	76	28.7	10	5		*	*		04.0	C	25.16	C	21.41		*	X	0.31	22.6
03	09	64	22.0	PA	0012	37	00.4	76	28.7	10	5		*	*		06.0	C	25.18	C	21.44	F	08	X	0.30	22.6
03	09	64	22.0	PA	0012	37	00.4	76	28.7	10	5		*	*		08.0	C	25.22	C	21.47		*	X	0.33	22.6
03	09	64	22.0	PA	0012	37	00.4	76	28.7	10	5		*	*		10.0	C	25.30	C	21.47	F	08	X	0.26	22.6
03	09	64	23.0	PA	0012	37	00.4	76	28.7	10	5		*	*		00.0	C	24.92	C	20.06	D	10	D	0.51	23.1
03	09	64	23.0	PA	0012	37	00.4	76	28.7	10	5		*	*		02.0	C	25.02	C	20.40		*	X	0.50	23.0
03	09	64	23.0	PA	0012	37	00.4	76	28.7	10	5		*	*		04.0	C	25.12	C	20.52		*	X	0.60	23.0
03	09	64	23.0	PA	0012	37	00.4	76	28.7	10	5		*	*		06.0	C	25.26	C	20.89	F	09	X	0.50	23.0
03	09	64	23.0	PA	0012	37	00.4	76	28.7	10	5		*	*		08.0	C	25.28	C	21.19		*	X	0.35	23.0
03	09	64	23.0	PA	0012	37	00.4	76	28.7	10	5		*	*		10.0	C	25.28	C	21.74	F	08	X	0.30	23.1
04	09	64	00.0	PA	0012	37	00.4	76	28.7	10	6		*	*		00.0	C	25.10	C	19.42	D	11	D	0.56	00.3
04	09	64	00.0	PA	0012	37	00.4	76	28.7	10	6		*	*		02.0	C	25.16	C	20.57		*	X	0.75	00.2
04	09	64	00.0	PA	0012	37	00.4	76	28.7	10	6		*	*		04.0	C	25.16	C	20.92		*	X	0.75	00.2
04	09	64	00.0	PA	0012	37	00.4	76	28.7	10	6		*	*		06.0	C	25.18	C	19.55	F	08	X	0.62	00.2
04	09	64	00.0	PA	0012	37	00.4	76	28.7	10	6		*	*		08.0	C	25.24	C	20.24		*	X	0.50	00.2
04	09	64	00.0	PA	0012	37	00.4	76	28.7	10	6		*	*		10.0	C	25.28	C	21.13	F	08	X	0.35	00.2
04	09	64	01.0	PA	0012	37	00.4	76	28.7	10	6		*	*		00.0	C	24.98	C	19.11	P	14	D	0.48	01.2
04	09	64	01.0	PA	0012	37	00.4	76	28.7	10	6		*	*		02.0	C	25.02	C	19.16		*	X	0.75	01.0
04	09	64	01.0	PA	0012	37	00.4	76	28.7	10	6		*	*		04.0	C	25.20	C	19.88		*	X	0.75	01.0
04	09	64	01.0	PA	0012	37	00.4	76	28.7	10	6		*	*		06.0	C	25.20	C	20.05	F	11	X	0.60	01.0
04	09	64	01.0	PA	0012	37	00.4	76	28.7	10	6		*	*		08.0	C	25.20	C	20.17		*	X	0.50	01.0
04	09	64	01.0	PA	0012	37	00.4	76	28.7	10	6		*	*		10.0	C	25.20	C	20.22	F	09	X	0.45	01.1
04	09	64	01.5	PA	0012	37	00.4	76	28.7	10	*		*	*		00.0	C	25.02	C	18.67	P	10	D	0.48	01.0
04	09	64	01.5	PA	0012	37	00.4	76	28.7	10	*		*	*		02.0	C	25.06	C	18.91		*	X	0.42	01.5
04	09	64	01.5	PA	0012	37	00.4	76	28.7	10	*		*	*		04.0	C	25.20	C	19.73		*	X	0.50	01.5
04	09	64	01.5	PA	0012	37	00.4	76	28.7	10	*		*	*		06.0	C	25.26	C	19.92	F	12	X	0.49	01.5
04	09	64	01.5	PA	0012	37	00.4	76	28.7	10	*		*	*		08.0	C	25.26	C	19.99		*	X	0.37	01.5
04	09	64	01.5	PA	0012	37	00.4	76	28.7	10	*		*	*		10.0	C	25.26	C	20.02	F	12	X	0.30	01.5
04	09	64	02.0	PA	0012	37	00.4	76	28.7	10	*	20	28	03		00.0	C	25.02	C	18.19	D	11	D	0.56	02.0
04	09	64	02.0	PA	0012	37	00.4	76	28.7	10	*	20	28	03		02.0	C	25.08	C	18.58		*	X	0.41	02.0
04	09	64	02.0	PA	0012	37	00.4	76	28.7	10	*	20	28	03		04.0	C	25.18	C	19.41		*	X	0.48	02.1
04	09	64	02.0	PA	0012	37	00.4	76	28.7	10	*	20	28	03		06.0	C	25.26	C	19.81	F	12	X	0.45	02.1
04	09	64	02.0	PA	0012	37	00.4	76	28.7	10	*	20	28	03		08.0	C	25.26	C	19.91		*	X	0.35	02.2
04	09	64	02.0	PA	0012	37	00.4	76	28.7	10	*	20	28	03		10.0	C	25.24	C	19.99	F	12	X	0.20	02.2
04	09	64	02.5	PA	0012	37	00.4	76	28.7	10	6		*	*		00.0					D	12	D	0.48	02.5
04	09	64	02.5	PA	0012	37	00.4	76	28.7	10	*		*	*		02.0						*	X	0.51	02.5
04	09	64	02.5	PA	0012	37	00.4	76	28.7	10	6		*	*		04.0						*	X	0.45	02.6
04	09	64	02.5	PA	0012	37	00.4	76	28.7	10	6		*	*		06.0					F	13	X	0.27	02.6
04	09	64	02.5	PA	0012	37	00.4	76	28.7	10	6		*	*		08.0						*	X	0.20	02.7
04	09	64	02.5	PA	0012	37	00.4	76	28.7	10	6		*	*		10.0					F	13	X	0.15	02.7

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
04	09	64	03.0	PA	0012	37	00.4	76	28.7	10		7	20	29	05			00.0	C	25.02	C	18.16	D	10	D	0.40	03.1		
04	09	64	03.0	PA	0012	37	00.4	76	28.7	10		7	20	29	05			02.0	C	25.08	C	18.43		*	X	0.45	03.1		
04	09	64	03.0	PA	0012	37	00.4	76	28.7	10		7	20	29	05			04.0	C	25.14	C	18.89		*	X	0.25	03.1		
04	09	64	03.0	PA	0012	37	00.4	76	28.7	10		7	20	29	05			06.0	C	25.22	C	19.52		*	X	0.17	03.1		
04	09	64	03.0	PA	0012	37	00.4	76	28.7	10		7	20	29	05			08.0	C	25.26	C	19.69		*	X	0.10	03.2		
04	09	64	03.0	PA	0012	37	00.4	76	28.7	10		7	20	29	05			10.0	C	25.26	C	19.80		*	X	0.05	03.2		
04	09	64	03.5	PA	0012	37	00.4	76	28.7	10		7		*	*			00.0					D	10	D	0.26	03.6		
04	09	64	03.5	PA	0012	37	00.4	76	28.7	10		7		*	*			02.0						*	X	0.25	03.6		
04	09	64	03.5	PA	0012	37	00.4	76	28.7	10		7		*	*			04.0						*	X	0.16	03.6		
04	09	64	03.5	PA	0012	37	00.4	76	28.7	10		7		*	*			06.0					F	00	X	0.07	03.6		
04	09	64	03.5	PA	0012	37	00.4	76	28.7	10		7		*	*			08.0						*	X	0.07	03.6		
04	09	64	03.5	PA	0012	37	00.4	76	28.7	10		7		*	*			10.0					F	00	X	0.03	03.7		
04	09	64	04.0	PA	0012	37	00.4	76	28.7	10		7	20	28	05			00.0	C	24.92	C	18.19	D	10	D	0.17	04.1		
04	09	64	04.0	PA	0012	37	00.4	76	28.7	10		7	20	28	05			02.0	C	25.06	C	18.48		*	X	0.15	04.1		
04	09	64	04.0	PA	0012	37	00.4	76	28.7	10		7	20	28	05			04.0	C	25.20	C	19.00		*	X	0.02	04.1		
04	09	64	04.0	PA	0012	37	00.4	76	28.7	10		7	20	28	05			06.0	C	25.20	C	19.33		*		0.2	04.2		
04	09	64	04.0	PA	0012	37	00.4	76	28.7	10		7	20	28	05			08.0	C	25.24	C	19.63		*		1.5	04.2		
04	09	64	04.0	PA	0012	37	00.4	76	28.7	10		7	20	28	05			10.0	C	25.24	C	19.85		*	X	0.15	04.2		
04	09	64	04.5	PA	0012	37	00.4	76	28.7	10		8		*	*			00.0					D	09	D	0.14	04.6		
04	09	64	04.5	PA	0012	37	00.4	76	28.7	10		8		*	*			02.0						*	X	0.00	04.6		
04	09	64	04.5	PA	0012	37	00.4	76	28.7	10		8		*	*			04.0						*	X	0.10	04.6		
04	09	64	04.5	PA	0012	37	00.4	76	28.7	10		8		*	*			06.0					F	30	X	0.22	04.7		
04	09	64	04.5	PA	0012	37	00.4	76	28.7	10		8		*	*			08.0						*	X	0.25	04.7		
04	09	64	04.5	PA	0012	37	00.4	76	28.7	10		8		*	*			10.0					F	30	X	0.20	04.7		
04	09	64	05.0	PA	0012	37	00.4	76	28.7	10		8	19	28	04			00.0	C	24.98	C	18.16	D	00	D	0.00	05.2		
04	09	64	05.0	PA	0012	37	00.4	76	28.7	10		8	19	28	04			02.0	C	25.04	C	18.14		*	X	0.10	05.2		
04	09	64	05.0	PA	0012	37	00.4	76	28.7	10		8	19	28	04			04.0	C	25.12	C	18.47		*	X	0.17	05.2		
04	09	64	05.0	PA	0012	37	00.4	76	28.7	10		8	19	28	04			06.0	C	25.20	C	19.28	F	30	X	0.40	05.2		
04	09	64	05.0	PA	0012	37	00.4	76	28.7	10		8	19	28	04			08.0	C	25.22	C	19.73		*	X	0.37	05.2		
04	09	64	05.0	PA	0012	37	00.4	76	28.7	10		8	19	28	04			10.0	C	25.22	C	19.85	F	30	X	0.30	05.2		
04	09	64	05.5	PA	0012	37	00.4	76	28.7	10		1		*	*			00.0	C	24.96	C	18.24	D	32	D	0.23	05.7		
04	09	64	05.5	PA	0012	37	00.4	76	28.7	10		1		*	*			02.0	C	25.08	C	18.33		*	X	0.40	05.7		
04	09	64	05.5	PA	0012	37	00.4	76	28.7	10		1		*	*			04.0	C	25.16	C	18.54		*	X	0.43	05.7		
04	09	64	05.5	PA	0012	37	00.4	76	28.7	10		1		*	*			06.0	C	25.10	C	19.26	F	32	X	0.50	05.7		
04	09	64	05.5	PA	0012	37	00.4	76	28.7	10		1		*	*			08.0	C	25.12	C	19.77		*	X	0.42	05.7		
04	09	64	05.5	PA	0012	37	00.4	76	28.7	10		1		*	*			10.0	C	25.14	C	19.85	F	32	X	0.40	05.7		
04	09	64	06.0	PA	0012	37	00.4	76	28.7	10		2	20	23	05	0.8		00.0	C	24.94	C	18.42	D	32	D	0.36	06.1		
04	09	64	06.0	PA	0012	37	00.4	76	28.7	10		2	20	23	05	0.8		02.0	C	25.06	C	18.58		*	U	0.48	06.1		
04	09	64	06.0	PA	0012	37	00.4	76	28.7	10		2	20	23	05	0.8		04.0	C	25.14	C	18.87		*	U	0.50	06.1		
04	09	64	06.0	PA	0012	37	00.4	76	28.7	10		2	20	23	05	0.8		06.0	C	25.16	C	19.34	F	33	U	0.50	06.2		
04	09	64	06.0	PA	0012	37	00.4	76	28.7	10		2	20	23	05	0.8		08.0	C	25.14	C	19.72		*	U	0.42	06.2		
04	09	64	06.0	PA	0012	37	00.4	76	28.7	10		2	20	23	05	0.8		10.0	C	25.14	C	19.75	F	32	U	0.35	06.2		
04	09	64	06.5	PA	0012	37	00.4	76	28.7	10		2		*	*	1.1		00.0	C	24.88	C	18.53	P	31	D	0.41	06.6		
04	09	64	06.5	PA	0012	37	00.4	76	28.7	10		2		*	*	1.1		02.0	C	24.98	C	18.64		*	X	0.51	06.5		
04	09	64	06.5	PA	0012	37	00.4	76	28.7	10		2		*	*	1.1		04.0	C	25.06	C	18.91		*	X	0.50	06.5		
04	09	64	06.5	PA	0012	37	00.4	76	28.7	10		2		*	*	1.1		06.0	C	25.14	C	19.53	F	31	X	0.40	06.5		
04	09	64	06.5	PA	0012	37	00.4	76	28.7	10		2		*	*	1.1		08.0	C	25.14	C	19.68		*	X	0.32	06.5		
04	09	64	06.5	PA	0012	37	00.4	76	28.7	10		2		*	*	1.1		10.0	C	25.14	C	19.71	F	31	X	0.30	06.6		
04	09	64	07.0	PA	0012	37	00.4	76	28.7	10		2	22	2	*	1.0		00.0	C	24.82	C	18.61	D	31	D	0.48	07.2		
04	09	64	07.0	PA	0012	37	00.4	76	28.7	10		2	22	2	*	1.0		02.0	C	24.90	C	18.79		*	X	0.50	07.1		
04	09	64	07.0	PA	0012	37	00.4	76	28.7	10		2	22	2	*	1.0		04.0	C	25.05	C	19.41		*	X	0.50	07.1		
04	09	64	07.0	PA	0012	37	00.4	76	28.7	10		2	22	2	*	1.0		06.0	C	25.06	C	19.53	F	32	X	0.35	07.1		
04	09	64	07.0	PA	0012	37	00.4	76	28.7	10		2	22	2	*	1.0		08.0	C	25.08	C	19.55		*	X	0.32	07.1		
04	09	64	07.0	PA	0012	37	00.4	76	28.7	10		2	22	2	*	1.0		10.0	C	25.08	C	19.55	F	31	X	0.30	07.2		
04	09	64	07.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.0		00.0	C	24.74	C	18.96	D	31	D	0.40	07.6		
04	09	64	07.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.0		02.0	C	24.82	C	19.14		*	X	0.50	07.5		
04	09	64	07.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.0		04.0	C	24.94	C	19.51		*	X	0.40	07.5		
04	09	64	07.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.0		06.0	C	25.03	C	19.86	F	32	X	0.31	07.5		
04	09	64	07.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.0		08.0	C	25.04	C	19.91		*	X	0.32	07.5		
04	09	64	07.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.0		10.0	C	25.05	C	19.98	F	31	X	0.25	07.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
04	09	64	08.0	PA	0012	37	00.4	76	28.7	10		3	24	30	03	1.1		00.0	C	24.78	C	19.37	D	31	D	0.41	08.1		
04	09	64	08.0	PA	0012	37	00.4	76	28.7	10		3	24	30	03	1.1		02.0	C	24.86	C	19.53		*	X	0.45	08.0		
04	09	64	08.0	PA	0012	37	00.4	76	28.7	10		3	24	30	03	1.1		04.0	C	25.00	C	19.85		*	X	0.42	08.0		
04	09	64	08.0	PA	0012	37	00.4	76	28.7	10		3	24	30	03	1.1		06.0	C	25.04	C	19.94	F	32	X	0.33	08.0		
04	09	64	08.0	PA	0012	37	00.4	76	28.7	10		3	24	30	03	1.1		08.0	C	25.04	C	19.94		*	X	0.40	08.0		
04	09	64	08.0	PA	0012	37	00.4	76	28.7	10		3	24	30	03	1.1		10.0	C	25.04	C	19.97	F	32	X	0.30	08.0		
04	09	64	08.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.2		00.0	C	25.00	C	19.88	D	31	D	0.19	08.6		
04	09	64	08.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.2		02.0	C	24.98	C	19.92		*	X	0.30	08.5		
04	09	64	08.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.2		04.0	C	24.96	C	20.06		*	X	0.33	08.5		
04	09	64	08.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.2		06.0	C	25.02	C	20.24	F	33	X	0.22	08.5		
04	09	64	08.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.2		08.0	C	25.02	C	20.26		*	X	0.22	08.5		
04	09	64	08.5	PA	0012	37	00.4	76	28.7	10		3		*	*	1.2		10.0	C	25.02	C	20.27	F	32	X	0.20	08.5		
04	09	64	09.0	PA	0012	37	00.4	76	28.7	10		3	26	27	02	1.2		00.0	C	25.09	C	20.02	D	34	D	0.14	09.1		
04	09	64	09.0	PA	0012	37	00.4	76	28.7	10		3	26	27	02	1.2		02.0	C	25.02	C	20.09		*	X	0.20	09.0		
04	09	64	09.0	PA	0012	37	00.4	76	28.7	10		3	26	27	02	1.2		04.0	C	25.02	C	20.20		*	X	0.21	09.0		
04	09	64	09.0	PA	0012	37	00.4	76	28.7	10		3	26	27	02	1.2		06.0	C	25.02	C	20.28	F	33	X	0.22	09.0		
04	09	64	09.0	PA	0012	37	00.4	76	28.7	10		3	26	27	02	1.2		08.0	C	25.02	C	20.28		*	X	0.22	09.0		
04	09	64	09.0	PA	0012	37	00.4	76	28.7	10		3	26	27	02	1.2		10.0	C	25.02	C	20.31	F	34	X	0.16	09.1		
04	09	64	09.5	PA	0012	37	00.4	76	28.7	10		4		*	*	1.2		00.0	C	25.28	C	21.06	D	02	D	0.09	09.6		
04	09	64	09.5	PA	0012	37	00.4	76	28.7	10		4		*	*	1.2		02.0	C	25.15	C	20.20		*	X	0.03	09.6		
04	09	64	09.5	PA	0012	37	00.4	76	28.7	10		4		*	*	1.2		04.0	C	25.04	C	20.34		*	X	0.03	09.6		
04	09	64	09.5	PA	0012	37	00.4	76	28.7	10		4		*	*	1.2		06.0	C	25.04	C	20.45	F	00	X	0.07	09.6		
04	09	64	09.5	PA	0012	37	00.4	76	28.7	10		4		*	*	1.2		08.0	C	25.04	C	20.45		*	X	0.05	09.6		
04	09	64	09.5	PA	0012	37	00.4	76	28.7	10		4		*	*	1.2		10.0	C	25.04	C	20.45	F	00	X	0.08	09.7		
04	09	64	10.0	PA	0012	37	00.4	76	28.7	10		5	30	27	03	1.2		00.0	C	25.42	C	19.90	D	16	D	0.17	10.2		
04	09	64	10.0	PA	0012	37	00.4	76	28.7	10		5	30	27	03	1.2		02.0	C	25.14	C	20.23		*	X	0.07	10.1		
04	09	64	10.0	PA	0012	37	00.4	76	28.7	10		5	30	27	03	1.2		04.0	C	25.04	C	20.50		*	X	0.05	10.1		
04	09	64	10.0	PA	0012	37	00.4	76	28.7	10		5	30	27	03	1.2		06.0	C	25.03	C	20.52	F	02	X	0.05	10.1		
04	09	64	10.0	PA	0012	37	00.4	76	28.7	10		5	30	27	03	1.2		08.0	C	25.03	C	20.56		*	X	0.05	10.1		
04	09	64	10.0	PA	0012	37	00.4	76	28.7	10		5	30	27	03	1.2		10.0	C	25.04	C	20.56	F	01	X	0.02	10.1		
04	09	64	10.5	PA	0012	37	00.4	76	28.7	10		5		*	*	1.2		00.0	C	25.46	C	19.24	D	13	D	0.35	10.7		
04	09	64	10.5	PA	0012	37	00.4	76	28.7	10		5		*	*	1.2		02.0	C	25.40	C	19.56		*	X	0.33	10.6		
04	09	64	10.5	PA	0012	37	00.4	76	28.7	10		5		*	*	1.2		04.0	C	25.18	C	19.80		*	X	0.30	10.6		
04	09	64	10.5	PA	0012	37	00.4	76	28.7	10		5		*	*	1.2		06.0	C	25.06	C	20.11	F	07	X	0.22	10.6		
04	09	64	10.5	PA	0012	37	00.4	76	28.7	10		5		*	*	1.2		08.0	C	25.02	C	32.02		*	X	0.15	10.6		
04	09	64	10.5	PA	0012	37	00.4	76	28.7	10		5		*	*	1.2		10.0	C	25.01	C	20.46	F	03	X	0.08	10.6		
04	09	64	11.0	PA	0012	37	00.4	76	28.7	10		6	29	22	02	1.0		00.0	C	25.48	C	18.66	P	13	D	0.58	11.1		
04	09	64	11.0	PA	0012	37	00.4	76	28.7	10		6	29	22	02	1.0		02.0	C	25.04	C	19.21		*	U	0.50	11.0		
04	09	64	11.0	PA	0012	37	00.4	76	28.7	10		6	29	22	02	1.0		04.0	C	25.22	C	19.53		*	U	0.46	11.0		
04	09	64	11.0	PA	0012	37	00.4	76	28.7	10		6	29	22	02	1.0		06.0	C	25.12	C	19.80	F	09	U	0.34	11.0		
04	09	64	11.0	PA	0012	37	00.4	76	28.7	10		6	29	22	02	1.0		08.0	C	25.04	C	20.12		*	U	0.33	11.0		
04	09	64	11.0	PA	0012	37	00.4	76	28.7	10		6	29	22	02	1.0		10.0	C	25.04	C	20.30	F	13	U	0.30	11.1		
04	09	64	11.5	PA	0012	37	00.4	76	28.7	10		6		*	*			00.0	C	25.58	C	18.69	P	12	D	0.60	11.6		
04	09	64	11.5	PA	0012	37	00.4	76	28.7	10		6		*	*			02.0	C	25.04	C	18.94		*	U	0.40	11.6		
04	09	64	11.5	PA	0012	37	00.4	76	28.7	10		6		*	*			04.0	C	25.18	C	19.14		*	U	0.50	11.6		
04	09	64	11.5	PA	0012	37	00.4	76	28.7	10		6		*	*			06.0	C	25.02	C	19.81	F	13	U	0.50	11.6		
04	09	64	11.5	PA	0012	37	00.4	76	28.7	10		6		*	*			08.0	C	25.02	C	20.02		*	U	0.43	11.6		
04	09	64	11.5	PA	0012	37	00.4	76	28.7	10		6		*	*			10.0	C	25.04	C	20.08	F	12	U	0.28	11.6		
04	09	64	12.0	PA	0012	37	00.4	76	28.7	10		6	31	21	02	1.1		00.0	C	25.56	C	18.70	P	13	D	0.59	12.1		
04	09	64	12.0	PA	0012	37	00.4	76	28.7	10		6	31	21	02	1.1		02.0	C	25.08	C	18.96		*	U	0.62	12.0		
04	09	64	12.0	PA	0012	37	00.4	76	28.7	10		6	31	21	02	1.1		04.0	C	25.04	C	19.19		*	U	0.57	12.0		
04	09	64	12.0	PA	0012	37	00.4	76	28.7	10		6	31	21	02	1.1		06.0	C	25.02	C	19.64	F	13	U	0.50	12.0		
04	09	64	12.0	PA	0012	37	00.4	76	28.7	10		6	31	21	02	1.1		08.0	C	25.02	C	19.80		*	U	0.47	12.0		
04	09	64	12.0	PA	0012	37	00.4	76	28.7	10		6	31	21	02	1.1		10.0	C	25.02	C	19.88	F	12	U	0.28	12.0		
04	09	64	12.5	PA	0012	37	00.4	76	28.7	10		*		*	*			00.0	C	25.64	C	18.62	P	12	D	0.63	12.6		
04	09	64	12.5	PA	0012	37	00.4	76	28.7	10		*		*	*			02.0	C	25.08	C	18.90		*	U	0.40	12.5		
04	09	64	12.5	PA	0012	37	00.4	76	28.7	10		*		*	*			04.0	C	25.04	C	19.24		*	U	0.40	12.5		
04	09	64	12.5	PA	0012	37	00.4	76	28.7	10		*		*	*			06.0	C	25.02	C	19.36	F	14	U	0.50	12.5		
04	09	64	12.5	PA	0012	37	00.4	76	28.7	10		*		*	*			08.0	C	25.02	C	19.51		*	U	0.46	12.5		
04	09	64	12.5	PA	0012	37	00.4	76	28.7	10		*		*	*			10.0	C	25.02	C	19.59	F	12	U	0.30	12.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
04	09	64	13.0	PA	0012	37	00.4	76	28.7	10	6	32	26	04	1.2	00.0	C	25.66	C	18.61	P	12	D	0.66	13.1
04	09	64	13.0	PA	0012	37	00.4	76	28.7	10	6	32	26	04	1.2	02.0	C	25.12	C	18.81		*	U	0.60	13.0
04	09	64	13.0	PA	0012	37	00.4	76	28.7	10	6	32	26	04	1.2	04.0	C	25.06	C	19.06		*	U	0.55	13.0
04	09	64	13.0	PA	0012	37	00.4	76	28.7	10	6	32	26	04	1.2	06.0	C	25.06	C	19.10	F	13	U	0.50	13.0
04	09	64	13.0	PA	0012	37	00.4	76	28.7	10	6	32	26	04	1.2	08.0	C	25.05	C	19.13		*	U	0.50	13.0
04	09	64	13.0	PA	0012	37	00.4	76	28.7	10	6	32	26	04	1.2	10.0	C	25.05	C	19.14	F	12	U	0.41	13.0
04	09	64	13.5	PA	0012	37	00.4	76	28.7	10	6		*	*		00.0	C	25.58	C	18.25	P	12	D	0.61	13.5
04	09	64	13.5	PA	0012	37	00.4	76	28.7	10	6		*	*		02.0	C	25.28	C	18.58		*	U	0.55	13.5
04	09	64	13.5	PA	0012	37	00.4	76	28.7	10	6		*	*		04.0	C	25.18	C	18.77		*	U	0.50	13.5
04	09	64	13.5	PA	0012	37	00.4	76	28.7	10	6		*	*		06.0	C	25.07	C	19.07	F	13	U	0.50	13.5
04	09	64	13.5	PA	0012	37	00.4	76	28.7	10	6		*	*		08.0	C	25.06	C	19.11		*	U	0.45	13.5
04	09	64	13.5	PA	0012	37	00.4	76	28.7	10	6		*	*		10.0	C	25.06	C	19.12	F	14	U	0.38	13.5
04	09	64	14.0	PA	0012	37	00.4	76	28.7	10	6	31	26	04	1.3	00.0	C	25.74	C	17.42	P	12	D	0.63	14.1
04	09	64	14.0	PA	0012	37	00.4	76	28.7	10	6	31	26	04	1.3	02.0	C	25.36	C	18.41		*	U	0.60	14.0
04	09	64	14.0	PA	0012	37	00.4	76	28.7	10	6	31	26	04	1.3	04.0	C	25.20	C	18.74		*	U	0.48	14.0
04	09	64	14.0	PA	0012	37	00.4	76	28.7	10	6	31	26	04	1.3	06.0	C	25.14	C	18.95	F	14	U	0.43	14.0
04	09	64	14.0	PA	0012	37	00.4	76	28.7	10	6	31	26	04	1.3	08.0	C	25.12	C	19.02		*	U	0.41	14.0
04	09	64	14.0	PA	0012	37	00.4	76	28.7	10	6	31	26	04	1.3	10.0	C	25.12	C	19.02	F	15	U	0.31	14.0
04	09	64	14.5	PA	0012	37	00.4	76	28.7	10	6		*	*		00.0	C	25.78	C	17.26	P	11	D	0.56	14.6
04	09	64	14.5	PA	0012	37	00.4	76	28.7	10	6		*	*		02.0	C	25.36	C	18.21		*	U	0.50	14.5
04	09	64	14.5	PA	0012	37	00.4	76	28.7	10	6		*	*		04.0	C	25.17	C	18.76		*	U	0.45	14.5
04	09	64	14.5	PA	0012	37	00.4	76	28.7	10	6		*	*		06.0	C	25.13	C	18.90	F	12	U	0.38	14.5
04	09	64	14.5	PA	0012	37	00.4	76	28.7	10	6		*	*		08.0	C	25.12	C	19.04		*	U	0.35	14.5
04	09	64	14.5	PA	0012	37	00.4	76	28.7	10	6		*	*		10.0	C	25.12	C	19.06	F	14	U	0.27	14.5
04	09	64	15.0	PA	0012	37	00.4	76	28.7	10	7	29	26	01	1.1	00.0	C	25.72	C	17.17	P	12	D	0.38	15.1
04	09	64	15.0	PA	0012	37	00.4	76	28.7	10	7	29	26	01	1.1	02.0	C	25.50	C	17.93		*	U	0.35	15.1
04	09	64	15.0	PA	0012	37	00.4	76	28.7	10	7	29	26	01	1.1	04.0	C	25.24	C	18.47		*	U	0.21	15.0
04	09	64	15.0	PA	0012	37	00.4	76	28.7	10	7	29	26	01	1.1	06.0	C	25.14	C	18.75	F	11	U	0.28	15.0
04	09	64	15.0	PA	0012	37	00.4	76	28.7	10	7	29	26	01	1.1	08.0	C	25.14	C	18.91		*	U	0.16	15.0
04	09	64	15.0	PA	0012	37	00.4	76	28.7	10	7	29	26	01	1.1	10.0	C	25.14	C	18.95	F	13	U	0.10	15.0
04	09	64	15.5	PA	0012	37	00.4	76	28.7	10	7		*	*		00.0	C	25.76	C	17.39	P	12	D	0.26	15.6
04	09	64	15.5	PA	0012	37	00.4	76	28.7	10	7		*	*		02.0	C	25.52	C	17.84		*	U	0.23	15.5
04	09	64	15.5	PA	0012	37	00.4	76	28.7	10	7		*	*		04.0	C	25.28	C	18.38		*	U	0.04	15.5
04	09	64	15.5	PA	0012	37	00.4	76	28.7	10	7		*	*		06.0	C	25.16	C	18.58		*	U	0.15	15.5
04	09	64	15.5	PA	0012	37	00.4	76	28.7	10	7		*	*		08.0	C	25.14	C	18.80		*	U	0.06	15.5
04	09	64	15.5	PA	0012	37	00.4	76	28.7	10	7		*	*		10.0	C	25.14	C	18.95		*	U	0.00	15.5
04	09	64	16.0	PA	0012	37	00.4	76	28.7	10	7	30	24	06	1.2	00.0	C	25.74	C	17.45	P	08	D	0.00	16.1
04	09	64	16.0	PA	0012	37	00.4	76	28.7	10	7	30	24	06	1.2	00.0						*	U	0.15	16.1
04	09	64	16.0	PA	0012	37	00.4	76	28.7	10	7	30	24	06	1.2	02.0	C	25.62	C	17.83		*	U	0.05	16.0
04	09	64	16.0	PA	0012	37	00.4	76	28.7	10	7	30	24	06	1.2	04.0	C	25.22	C	18.44		*	U	0.07	16.0
04	09	64	16.0	PA	0012	37	00.4	76	28.7	10	7	30	24	06	1.2	06.0	C	25.14	C	18.69		*	U	0.10	16.0
04	09	64	16.0	PA	0012	37	00.4	76	28.7	10	7	30	24	06	1.2	08.0	C	25.14	C	18.87		*	U	0.15	16.0
04	09	64	16.0	PA	0012	37	00.4	76	28.7	10	7	30	24	06	1.2	10.0	C	25.16	C	18.90		*	U	0.13	16.0
04	09	64	16.5	PA	0012	37	00.4	76	28.7	10	8	29	21	05		00.0	C	25.77	C	17.29	P	04	D	0.00	16.5
04	09	64	16.5	PA	0012	37	00.4	76	28.7	10	8	29	21	05		02.0	C	25.76	C	17.25		*	U	0.15	16.5
04	09	64	16.5	PA	0012	37	00.4	76	28.7	10	8	29	21	05		04.0	C	25.20	C	18.38		*	U	0.16	16.5
04	09	64	16.5	PA	0012	37	00.4	76	28.7	10	8	29	21	05		06.0	C	25.14	C	18.54		*	U	0.19	16.5
04	09	64	16.5	PA	0012	37	00.4	76	28.7	10	8	29	21	05		08.0	C	25.14	C	18.84		*	U	0.28	16.5
04	09	64	16.5	PA	0012	37	00.4	76	28.7	10	8	29	21	05		10.0	C	25.14	C	18.87		*	U	0.23	16.5
03	09	64	20.0	IN	0012	36	59.4	76	30.0	3	*			*		00.0			R	19.14	D	32	D	0.24	20.0
03	09	64	20.0	IN	0012	36	59.4	76	30.0	3	*			*		02.0			R	19.47	F	12		*	20.1
03	09	64	20.0	IN	0012	36	59.4	76	30.0	3	*			*		03.0			R	19.58		*		*	*
03	09	64	21.0	IN	0012	36	59.4	76	30.0	3	*			*		00.0	T	24.70	R	19.09	D	02	D	0.00	21.0
03	09	64	21.0	IN	0012	36	59.4	76	30.0	3	*			*		02.0			R	19.62	F	12		*	21.0
03	09	64	21.0	IN	0012	36	59.4	76	30.0	3	*			*		03.0			R	19.69		*		*	*

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
03	09	64	22.0	IN	0012	36	59.4	76	30.0	3		*			*			00.0	T	24.50	R	18.60	D	12	D	0.22	22.0		
03	09	64	22.0	IN	0012	36	59.4	76	30.0	3		*			*			02.0			R	19.35	F	12		*	22.0		
03	09	64	22.0	IN	0012	36	59.4	76	30.0	3		*			*			03.0			R	19.46		*		*	*		
03	09	64	23.0	IN	0012	36	59.4	76	30.0	3		5			*			00.0			R	18.47	D	13	D	0.52	23.1		
03	09	64	23.0	IN	0012	36	59.4	76	30.0	3		5			*			02.0			R	19.11		*		*	*		
03	09	64	23.0	IN	0012	36	59.4	76	30.0	3		5			*			03.0			R	19.53		*		*	*		
04	09	64	00.0	IN	0012	36	59.4	76	30.0	3		6			*			00.0			R	18.32	D	12	D	0.52	00.1		
04	09	64	00.0	IN	0012	36	59.4	76	30.0	3		6			*			02.0			R	18.81		*		*	*		
04	09	64	00.0	IN	0012	36	59.4	76	30.0	3		6			*			03.0			R	18.97		*		*	*		
04	09	64	01.0	IN	0012	36	59.4	76	30.0	3		*			*			00.0	T	24.40	R	18.04	D	10	D	0.52	01.1		
04	09	64	01.0	IN	0012	36	59.4	76	30.0	3		*			*			02.0			R	18.45		*		*	*		
04	09	64	01.0	IN	0012	36	59.4	76	30.0	3		*			*			03.0			R	18.41		*		*	*		
04	09	64	01.5	IN	0012	36	59.4	76	30.0	3		*			*			00.0	T	24.30	R	17.55	D	10	D	0.45	01.6		
04	09	64	01.5	IN	0012	36	59.4	76	30.0	3		*			*			02.0			R	18.13	F	10		*	*		
04	09	64	01.5	IN	0012	36	59.4	76	30.0	3		*			*			03.0			R	18.10	F	10		*	*		
04	09	64	02.0	IN	0012	36	59.4	76	30.0	3		6			*			00.0	T	25.00	R	17.42	D	13	D	0.46	02.1		
04	09	64	02.0	IN	0012	36	59.4	76	30.0	3		6			*			02.0			R	18.04		*	U	0.35	02.0		
04	09	64	02.5	IN	0012	36	59.4	76	30.0	2		*			*			00.0	T	25.00	R	17.35	D	14	D	0.34	02.5		
04	09	64	02.5	IN	0012	36	59.4	76	30.0	2		*			*			02.0			R	18.01		*		*	*		
04	09	64	03.0	IN	0012	36	59.4	76	30.0	2		7			*			00.0	T	24.00	R	17.35	D	13	D	0.34	13.1		
04	09	64	03.0	IN	0012	36	59.4	76	30.0	2		7			*			02.0			R	17.87		*		*	*		
04	09	64	04.0	IN	0012	36	59.4	76	30.0	2		8			*			00.0			R	17.16		*		*	*		
04	09	64	04.0	IN	0012	36	59.4	76	30.0	2		8			*			02.0			R	18.40		*		*	*		
04	09	64	04.5	IN	0012	36	59.4	76	30.0	2		1			*			00.0			R	17.51	D	31	D	0.14	04.5		
04	09	64	04.5	IN	0012	36	59.4	76	30.0	2		1			*			02.0			R	18.18		*		*	*		
04	09	64	05.0	IN	0012	36	59.4	76	30.0	2		1			*			00.0	T	24.30	R	17.64	D	32	D	0.23	05.0		
04	09	64	05.0	IN	0012	36	59.4	76	30.0	2		1			*			02.0			R	17.79		*		*	*		
04	09	64	06.0	IN	0012	36	59.4	76	30.0	2		*	19		*	0.3		00.0	T	24.40	R	18.04	D	31	D	0.24	06.0		
04	09	64	06.0	IN	0012	36	59.4	76	30.0	2		*	19		*	0.3		02.0			R	18.13	F	31		*	06.0		
04	09	64	06.0	IN	0012	36	59.4	76	30.0	2		*	19		*	0.3		03.0			R	18.22		*		*	*		
04	09	64	06.5	IN	0012	36	59.4	76	30.0	3		*			*			00.0	T	23.80	R	18.26	D	26	D	0.25	06.5		
04	09	64	06.5	IN	0012	36	59.4	76	30.0	3		*			*			02.0			R	18.47	F	26		*	06.5		
04	09	64	06.5	IN	0012	36	59.4	76	30.0	3		*			*			03.0			R	18.49		*		*	*		
04	09	64	07.0	IN	0012	36	59.4	76	30.0	3		*			*	0.4		00.0	T	23.50	R	18.68	D	28	D	0.20	07.0		
04	09	64	07.0	IN	0012	36	59.4	76	30.0	3		*			*	0.4		02.0			R	18.66	F	28		*	07.0		
04	09	64	07.0	IN	0012	36	59.4	76	30.0	3		*			*	0.4		03.0			R	18.70		*		*	*		
04	09	64	07.5	IN	0012	36	59.4	76	30.0	3		*			*			00.0	T	24.60	R	18.67	D	28	D	0.15	07.5		
04	09	64	07.5	IN	0012	36	59.4	76	30.0	3		*			*			02.0			R	18.67	F	28		*	07.5		
04	09	64	07.5	IN	0012	36	59.4	76	30.0	3		*			*			03.0			R	18.67		*		*	*		
04	09	64	08.0	IN	0012	36	59.4	76	30.0	3		3			*	0.3		00.0	T	24.00	R	18.75	D	27	D	0.12	08.0		
04	09	64	08.0	IN	0012	36	59.4	76	30.0	3		3			*	0.3		02.0			R	18.79	F	27		*	08.0		
04	09	64	08.0	IN	0012	36	59.4	76	30.0	3		3			*	0.3		03.0			R	18.80		*		*	*		
04	09	64	08.5	IN	0012	36	59.4	76	30.0	3		4			*			00.0	T	24.10	R	18.81	D	30	D	0.04	08.6		
04	09	64	08.5	IN	0012	36	59.4	76	30.0	3		4			*			02.0			R	18.86	F	00		*	08.6		
04	09	64	08.5	IN	0012	36	59.4	76	30.0	3		4			*			03.0			R	18.89		*		*	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
04	09	64	09.0	IN	0012	36	59.4	76	30.0	3		4			*	0.5		00.0	T	24.20	R	18.85	D	01		*	09.0	
04	09	64	09.0	IN	0012	36	59.4	76	30.0	3		4			*	0.5		02.0			R	18.86	F	00		*	09.0	
04	09	64	09.0	IN	0012	36	59.4	76	30.0	3		4			*	0.5		03.0			R	18.87		*		*	*	
04	09	64	09.5	IN	0012	36	59.4	76	30.0	3		5			*			00.0	T	24.50	R	18.84	D	04	D	0.12	09.5	
04	09	64	09.5	IN	0012	36	59.4	76	30.0	3		5			*			02.0			R	18.86	F	00		*	09.5	
04	09	64	09.5	IN	0012	36	59.4	76	30.0	3		5			*			03.0			R	18.96		*		*	*	
04	09	64	10.0	IN	0012	36	59.4	76	30.0	3		5			*	0.6		00.0	T	24.40	R	18.71	D	07	D	0.18	10.0	
04	09	64	10.0	IN	0012	36	59.4	76	30.0	3		5			*	0.6		02.0			R	18.87	F	07		*	10.0	
04	09	64	10.0	IN	0012	36	59.4	76	30.0	3		5			*	0.6		03.0			R	18.97		*		*	*	
04	09	64	10.5	IN	0012	36	59.4	76	30.0	3		5			*			00.0	T	24.70	R	18.41	D	09	D	0.34	10.6	
04	09	64	10.5	IN	0012	36	59.4	76	30.0	3		5			*			02.0			R	18.84		*		*	*	
04	09	64	10.5	IN	0012	36	59.4	76	30.0	3		5			*			03.0			R	18.82		*		*	*	
04	09	64	11.0	IN	0012	36	59.4	76	30.0	3		6			*	0.6		00.0	T	25.00	R	18.29	D	09	D	0.37	11.0	
04	09	64	11.0	IN	0012	36	59.4	76	30.0	3		6			*	0.6		02.0			R	18.81	F	09		*	11.0	
04	09	64	11.0	IN	0012	36	59.4	76	30.0	3		6			*	0.6		03.0			R	18.88		*		*	*	
04	09	64	11.5	IN	0012	36	59.4	76	30.0	3		6			*			00.0	T	25.40	R	17.98	D	14	D	0.54	11.5	
04	09	64	11.5	IN	0012	36	59.4	76	30.0	3		6			*			02.0			R	18.77	F	14		*	11.5	
04	09	64	11.5	IN	0012	36	59.4	76	30.0	3		6			*			03.0			R	18.53		*		*	*	
04	09	64	12.0	IN	0012	36	59.4	76	30.0	3		6			*	0.4		00.0	T	25.10	R	18.28	D	13	D	0.49	12.0	
04	09	64	12.0	IN	0012	36	59.4	76	30.0	3		6			*	0.4		02.0			R	18.31		*		*	*	
04	09	64	12.0	IN	0012	36	59.4	76	30.0	3		6			*	0.4		03.0			R	18.34		*		*	*	
04	09	64	12.5	IN	0012	36	59.4	76	30.0	*3		7	31	21	02	0.5		00.0	T	25.40	R	18.16	D	13	D	0.46	12.5	
04	09	64	12.5	IN	0012	36	59.4	76	30.0	*3		7	31	21	02	0.5		02.0			R	18.16		*		*	*	
04	09	64	12.5	IN	0012	36	59.4	76	30.0	*3		7	31	21	02	0.5		03.0			R	18.16		*		*	*	
04	09	64	13.0	IN	0012	36	59.4	76	30.0	2		7			*	0.4		00.0	T	25.40	R	18.05	D	12	D	0.41	13.0	
04	09	64	13.0	IN	0012	36	59.4	76	30.0	2		7			*	0.4		02.0			R	18.05		*		*	*	
04	09	64	13.5	IN	0012	36	59.4	76	30.0	2		7			*			00.0	T	25.40	R	17.80	D	15	D	0.39	13.5	
04	09	64	13.5	IN	0012	36	59.4	76	30.0	2		7			*			02.0			R	17.84		*		*	*	
04	09	64	14.0	IN	0012	36	59.4	76	30.0	*2		7	31	26	02	0.5		00.0	T	25.40	R	17.57	D	13	D	0.32	14.0	
04	09	64	14.0	IN	0012	36	59.4	76	30.0	*2		7	31	26	02	0.5		02.0			R	17.59		*		*	*	
04	09	64	14.5	IN	0012	36	59.4	76	30.0	2		*			*			00.0	T	25.70	R	17.32	D	13	D	0.32	14.5	
04	09	64	14.5	IN	0012	36	59.4	76	30.0	2		*			*			02.0			R	17.36		*		*	*	
04	09	64	15.0	IN	0012	36	59.4	76	30.0	2		*			*			00.0	T	25.80	R	17.26	D	13	D	0.19	15.0	
04	09	64	15.0	IN	0012	36	59.4	76	30.0	2		*			*			02.0			R	17.27		*		*	*	
04	09	64	15.5	IN	0012	36	59.4	76	30.0	2		*			*	0.5		00.0	T	25.60	R	17.08	D	14	D	0.00	15.5	
04	09	64	15.5	IN	0012	36	59.4	76	30.0	2		*			*	0.5		02.0			R	17.10		*		*	*	
04	09	64	16.0	IN	0012	36	59.4	76	30.0	2		8			*			00.0	T	25.70	R	17.15	D	00	D	0.00	16.0	
04	09	64	16.0	IN	0012	36	59.4	76	30.0	2		8			*			02.0			R	17.35		*		*	*	
03	09	64	20.0	BR	0012	37	00.9	76	28.2	2		*			*			00.0			R	20.98	P	33	D	0.13	*	
03	09	64	20.0	BR	0012	37	00.9	76	28.2	2		*			*			02.0			R	21.06		*		*	*	
03	09	64	21.0	BR	0012	37	00.9	76	28.2	2		*			*			00.0			R	21.19	P	33	D	0.00	*	
03	09	64	21.0	BR	0012	37	00.9	76	28.2	2		*			*			02.0			R	21.19		*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
03	09	64	22.0	BR	0012	37	00.9	76	28.2	2		*			*			00.0			R	21.10	P	14	D	0.15	*	
03	09	64	22.0	BR	0012	37	00.9	76	28.2	2		*			*			02.0			R	21.10		*		*	*	
03	09	64	23.0	BR	0012	37	00.9	76	28.2	2		*			*			00.0			R	20.22	P	12	D	0.39	*	
03	09	64	23.0	BR	0012	37	00.9	76	28.2	2		*			*			02.0			R	19.93		*		*	*	
04	09	64	00.0	BR	0012	37	00.9	76	28.2	3		*			*			00.0			R	19.97	P	14	D	0.35	00.1	
04	09	64	00.0	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	19.97		*		*	*	
04	09	64	01.5	BR	0012	37	00.9	76	28.2	3		*			*			00.5			R	19.44	W	14	W	0.03	01.6	
04	09	64	01.5	BR	0012	37	00.9	76	28.2	3		*			*			01.0					W	15	W	0.03	01.6	
04	09	64	01.5	BR	0012	37	00.9	76	28.2	3		*			*			02.			R	19.44	W	13	W	0.02	01.6	
04	09	64	02.0	BR	0012	37	00.9	76	28.2	3		*			*			00.0	T	25.00	R	19.31	W	15	W	0.15	02.0	
04	09	64	02.0	BR	0012	37	00.9	76	28.2	3		*			*			02.0	T	24.80	R	19.33	W	14	W	0.12	02.0	
04	09	64	02.5	BR	0012	37	00.9	76	28.2	3		*			*			00.5			R	18.96	W	15	W	0.12	02.5	
04	09	64	02.5	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	18.98	W	14	W	0.12	02.5	
04	09	64	03.0	BR	0012	37	00.9	76	28.2	3		*			*			00.5	T	24.70	R	18.87	W	35	W	0.13	03.0	
04	09	64	03.0	BR	0012	37	00.9	76	28.2	3		*			*			02.0	T	24.60	R	18.89	W	35	W	0.08	03.0	
04	09	64	03.5	BR	0012	37	00.9	76	28.2	3		*			*			00.5			R	18.86	W	35	W	0.08	03.5	
04	09	64	03.5	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	18.84	W	35	W	0.06	03.5	
04	09	64	04.0	BR	0012	37	00.9	76	28.2	3		*			*	0.6		00.5	T	24.50	R	18.92		*	W	0.09	04.0	
04	09	64	04.0	BR	0012	37	00.9	76	28.2	3		*			*	0.6		02.0	T	24.30	R	18.93		*	W	0.08	04.0	
04	09	64	04.5	BR	0012	37	00.9	76	28.2	3		*			*			00.5			R	19.25		*	W	0.15	04.5	
04	09	64	04.5	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	19.28		*	W	0.13	04.5	
04	09	64	05.0	BR	0012	37	00.9	76	28.2	3		*			*	0.6		00.5	T	24.70	R	19.50		*	W	0.16	05.0	
04	09	64	05.0	BR	0012	37	00.9	76	28.2	3		*			*	0.6		02.0	T	24.30	R	19.50		*	W	0.14	05.0	
04	09	64	05.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0			R	19.30	W	36	W	0.29	05.5	
04	09	64	05.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0					P	35	D	0.28	05.6	
04	09	64	05.5	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	19.62	W	36	W	0.24	05.5	
04	09	64	06.0	BR	0012	37	00.9	76	28.2	3		*			*			00.0			R	19.06	W	36	W	0.30	06.0	
04	09	64	06.0	BR	0012	37	00.9	76	28.2	3		*			*			00.0					P	34	D	0.25	06.1	
04	09	64	06.0	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	19.40	W	36	W	0.18	06.0	
04	09	64	06.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0					P	35	D	0.27	06.6	
04	09	64	06.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0			R	18.99	W	36	W	0.26	06.5	
04	09	64	06.5	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	19.13	W	36	W	0.20	06.5	
04	09	64	07.0	BR	0012	37	00.9	76	28.2	3		*			*			00.0					P	34	D	0.19	07.1	
04	09	64	07.0	BR	0012	37	00.9	76	28.2	3		*			*			00.0			R	18.82	W	36	W	0.18	07.0	
04	09	64	07.0	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	19.32	W	36	W	0.17	07.0	
04	09	64	07.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0			R	18.82	W	36	W	0.11	07.5	
04	09	64	07.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0					P	35	D	0.17	07.6	
04	09	64	07.5	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	19.02	W	36	W	0.15	07.5	
04	09	64	08.0	BR	0012	37	00.9	76	28.2	*3		*	24	30	25	1.0		00.0			R	18.91	W	36	W	0.13	08.0	
04	09	64	08.0	BR	0012	37	00.9	76	28.2	*3		*	24	30	25	1.0		00.0					P	34	D	0.12	08.1	
04	09	64	08.0	BR	0012	37	00.9	76	28.2	*3		*	24	30	25	1.0		02.0			R	18.99	W	36	W	0.16	08.0	
04	09	64	08.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0			R	18.95		*	W	0.08	08.5	
04	09	64	08.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0					P	77	D	0.00	08.6	
04	09	64	08.5	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	18.96		*	W	0.05	08.5	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
04	09	64	09.0	BR	0012	37	00.9	76	28.2	*3		*	26	27	20	1.0		00.0					P	77	D	0.00	09.1	
04	09	64	09.0	BR	0012	37	00.9	76	28.2	*3		*	26	27	20	1.0		00.0			R	18.99		*	W	0.11	09.0	
04	09	64	09.0	BR	0012	37	00.9	76	28.2	*3		*	26	27	20	1.0		02.0			R	19.10		*	W	0.10	09.0	
04	09	64	09.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0					P	12	D	0.11	09.6	
04	09	64	09.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0			R	19.08		*	W	0.13	09.5	
04	09	64	09.5	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	18.99		*	W	0.12	09.5	
04	09	64	10.0	BR	0012	37	00.9	76	28.2	*3		*	30	29	25	1.4		00.0			R	19.05		*	W	0.25	10.0	
04	09	64	10.0	BR	0012	37	00.9	76	28.2	*3		*	30	29	25	1.4		00.0					P	13	D	0.22	10.1	
04	09	64	10.0	BR	0012	37	00.9	76	28.2	*3		*	30	29	25	1.4		02.0			R	19.27		*	W	0.13	10.0	
04	09	64	10.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0			R	18.93		*	W	0.35	10.5	
04	09	64	10.5	BR	0012	37	00.9	76	28.2	3		*			*			00.0					P	14	D	0.19	10.6	
04	09	64	10.5	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	19.43		*	W	0.18	10.5	
04	09	64	11.0	BR	0012	37	00.9	76	28.2	3		*			*			00.0			R	18.90		*	W	0.38	11.0	
04	09	64	11.0	BR	0012	37	00.9	76	28.2	3		*			*			00.0					P	13	D	0.38	11.1	
04	09	64	11.0	BR	0012	37	00.9	76	28.2	3		*			*			02.0			R	19.34		*	W	0.25	11.0	
04	09	64	11.5	BR	0012	37	00.9	76	28.2	3		7			*			00.0			R	19.17		*	W	0.30	11.5	
04	09	64	11.5	BR	0012	37	00.9	76	28.2	3		7			*			00.0					P	13	D	0.35	11.6	
04	09	64	11.5	BR	0012	37	00.9	76	28.2	3		7			*			02.0			R	19.20		*	W	0.38	11.5	
04	09	64	12.0	BR	0012	37	00.9	76	28.2	*3		5	31	21	02	0.7		00.0	T	25.10	R	19.16		*	W	0.28	12.0	
04	09	64	12.0	BR	0012	37	00.9	76	28.2	*3		5	31	21	02	0.7		00.0					P	13	D	0.19	12.2	
04	09	64	12.0	BR	0012	37	00.9	76	28.2	*3		5	31	21	02	0.7		02.0	T	24.70	R	19.17		*	W	0.40	12.0	
04	09	64	12.5	BR	0012	37	00.9	76	28.2	3		5			*			00.0			R	18.99	P	13	D	0.30	12.6	
04	09	64	12.5	BR	0012	37	00.9	76	28.2	3		5			*			02.0			R	19.01		*		*	*	
04	09	64	13.0	BR	0012	37	00.9	76	28.2	3		5			*	0.7		00.0	T	25.40	R	18.71	P	13	P	0.34	13.1	
04	09	64	13.0	BR	0012	37	00.9	76	28.2	3		5			*	0.7		02.0	T	25.30	R	18.70		*		*	*	
04	09	64	13.5	BR	0012	37	00.9	76	28.2	3		5			*			00.0			R	18.48	P	13	P	0.51	13.5	
04	09	64	13.5	BR	0012	37	00.9	76	28.2	3		5			*			02.0			R	18.63		*		*	*	
04	09	64	14.0	BR	0012	37	00.9	76	28.2	*3		7	31	26	02	1.0		00.0	T	25.50	R	18.31		*	W	0.15	14.1	
04	09	64	14.0	BR	0012	37	00.9	76	28.2	*3		7	31	26	02	1.0		00.0					P	13	D	0.40	14.1	
04	09	64	14.0	BR	0012	37	00.9	76	28.2	*3		7	31	26	02	1.0		02.0	T	25.50	R	18.32		*	W	0.22	14.1	
04	09	64	14.5	BR	0012	37	00.9	76	28.2	3		7			*			00.0			R	18.27		*	W	0.12	14.6	
04	09	64	14.5	BR	0012	37	00.9	76	28.2	3		7			*			00.0					P	12	D	0.17	14.6	
04	09	64	14.5	BR	0012	37	00.9	76	28.2	3		7			*			00.2			R	18.27		*	W	0.12	14.6	
04	09	64	15.0	BR	0012	37	00.9	76	28.2	*3		7	29	26	01	1.0		00.0	T	25.70	R	18.22		*	W	0.10	15.1	
04	09	64	15.0	BR	0012	37	00.9	76	28.2	*3		7	29	26	01	1.0		00.0					P	09	D	0.14	15.2	
04	09	64	15.0	BR	0012	37	00.9	76	28.2	*3		7	29	26	01	1.0		02.0	T	25.70	R	18.24		*	W	0.07	15.1	
04	09	64	15.5	BR	0012	37	00.9	76	28.2	3		7			*			00.0			R	18.24		*	W	0.10	15.6	
04	09	64	15.5	BR	0012	37	00.9	76	28.2	3		7			*			00.0					P	00	D	0.10	15.6	
04	09	64	15.5	BR	0012	37	00.9	76	28.2	3		7			*			02.0			R	18.24		*	W	0.10	15.6	
03	09	64	22.0	LA	0012	36	59.9	76	29.4	7		5			*			00.0			R	19.51	D	12	D	0.22	22.2	
03	09	64	22.0	LA	0012	36	59.9	76	29.4	7		5			*			02.0			R	20.64		*	T	0.10	22.2	
03	09	64	22.0	LA	0012	36	59.9	76	29.4	7		5			*			04.0			R	20.98		*	T	0.15	22.1	
03	09	64	22.0	LA	0012	36	59.9	76	29.4	7		5			*			06.0			R	21.02		*	T	0.15	22.1	
03	09	64	23.0	LA	0012	36	59.9	76	29.4	7		6			*			00.0			R	19.32	P	13	D	0.48	23.1	
03	09	64	23.0	LA	0012	36	59.9	76	29.4	7		6			*			02.0			R	20.78		*	T	0.46	23.0	
03	09	64	23.0	LA	0012	36	59.9	76	29.4	7		6			*			04.0			R	20.90		*	T	0.43	23.0	
03	09	64	23.0	LA	0012	36	59.9	76	29.4	7		6			*			06.0			R	20.92		*	T	0.29	23.0	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
04	09	64	00.0	LA	0012	36	59.9	76	29.4	7		*			*			00.0			R	19.66	D	15	D	0.69	00.1	
04	09	64	00.0	LA	0012	36	59.9	76	29.4	7		*			*			02.0			R	20.31		*	T	0.75	00.1	
04	09	64	00.0	LA	0012	36	59.9	76	29.4	7		*			*			04.0			R	20.64		*	T	0.50	00.0	
04	09	64	00.0	LA	0012	36	59.9	76	29.4	7		*			*			06.0			R	20.75		*	T	0.43	00.0	
04	09	64	01.0	LA	0012	36	59.9	76	29.4	7		*			*			00.0			R	17.71	D	14	D	0.73	01.1	
04	09	64	01.0	LA	0012	36	59.9	76	29.4	7		*			*			02.0			R	19.28		*	T	0.60	01.0	
04	09	64	01.0	LA	0012	36	59.9	76	29.4	7		*			*			04.0			R	20.03		*	T	0.59	01.0	
04	09	64	01.0	LA	0012	36	59.9	76	29.4	7		*			*			06.0			R	20.18		*	T	0.46	01.0	
04	09	64	01.5	LA	0012	36	59.9	76	29.4	7		*			*			00.0			R	18.32	D	14	P	0.61	01.6	
04	09	64	01.5	LA	0012	36	59.9	76	29.4	7		*			*			02.0			R	18.67		*	T	1.46	01.5	
04	09	64	01.5	LA	0012	36	59.9	76	29.4	7		*			*			04.0			R	19.50		*	T	0.50	01.5	
04	09	64	01.5	LA	0012	36	59.9	76	29.4	7		*			*			06.0			R	19.65		*	T	0.46	01.5	
04	09	64	02.0	LA	0012	36	59.9	76	29.4	*6		*	20	28	03			00.0	T	24.80	R	18.63	P	16	D	0.54	02.1	
04	09	64	02.0	LA	0012	36	59.9	76	29.4	*6		*	20	28	03			02.0	T	24.90	R	18.72		*	T	0.65	02.0	
04	09	64	02.0	LA	0012	36	59.9	76	29.4	*6		*	20	28	03			04.0	T	24.90	R	18.78		*	T	0.60	02.0	
04	09	64	02.0	LA	0012	36	59.9	76	29.4	*6		*	20	28	03			05.0	T	25.00	R	18.81		*	T	0.46	02.0	
04	09	64	02.5	LA	0012	36	59.9	76	29.4	6		*			*			00.0	T	24.40	R	18.35	P	16	D	0.52	02.6	
04	09	64	02.5	LA	0012	36	59.9	76	29.4	6		*			*			02.0	T	24.90	R	18.57		*	T	0.60	02.5	
04	09	64	02.5	LA	0012	36	59.9	76	29.4	6		*			*			04.0	T	25.00	R	18.73		*	T	0.50	02.5	
04	09	64	02.5	LA	0012	36	59.9	76	29.4	6		*			*			05.0	T	25.00	R	18.66		*	T	0.47	02.5	
04	09	64	03.0	LA	0012	36	59.9	76	29.4	*6		*	20	29	05			00.0	T	24.40	R	18.43	P	17	D	0.50	03.1	
04	09	64	03.0	LA	0012	36	59.9	76	29.4	*6		*	20	29	05			02.0	T	24.70	R	18.51		*	T	0.50	03.0	
04	09	64	03.0	LA	0012	36	59.9	76	29.4	*6		*	20	29	05			04.0	T	24.90	R	18.59		*	T	0.40	03.0	
04	09	64	03.0	LA	0012	36	59.9	76	29.4	*6		*	20	29	05			05.0	T	24.10	R	18.65		*	T	0.35	03.0	
04	09	64	03.5	LA	0012	36	59.9	76	29.4	6		*			*			00.0					P	16	D	0.38	03.6	
04	09	64	03.5	LA	0012	36	59.9	76	29.4	6		*			*			02.0						*	T	0.50	03.5	
04	09	64	03.5	LA	0012	36	59.9	76	29.4	6		*			*			04.0						*	T	0.35	03.5	
04	09	64	03.5	LA	0012	36	59.9	76	29.4	6		*			*			05.0						*	T	0.25	03.5	
04	09	64	04.0	LA	0012	36	59.9	76	29.4	*6		*	20	28	05			00.0					P	16	D	0.35	04.1	
04	09	64	04.0	LA	0012	36	59.9	76	29.4	*6		*	20	28	05			02.0						*	T	0.28	04.0	
04	09	64	04.0	LA	0012	36	59.9	76	29.4	*6		*	20	28	05			04.0						*	T	0.15	04.0	
04	09	64	04.0	LA	0012	36	59.9	76	29.4	*6		*	20	28	05			05.0						*	T	0.20	04.0	
04	09	64	04.5	LA	0012	36	59.9	76	29.4	6		*			*			02.0						*	T	0.10	04.5	
04	09	64	04.5	LA	0012	36	59.9	76	29.4	6		*			*			04.0						*	T	0.04	04.5	
04	09	64	05.0	LA	0012	36	59.9	76	29.4	*6		*	19	28	04			00.0	T	24.10	R	18.11		*		*	*	
04	09	64	05.0	LA	0012	36	59.9	76	29.4	*6		*	19	28	04			02.0	T	24.90	R	18.25		*		*	*	
04	09	64	05.0	LA	0012	36	59.9	76	29.4	*6		*	19	28	04			04.0	T	25.00	R	18.55		*		*	*	
04	09	64	05.0	LA	0012	36	59.9	76	29.4	*6		*	19	28	04			05.0	T	24.44	R	18.59		*		*	*	
04	09	64	05.5	LA	0012	36	59.9	76	29.4	6		*			*			00.0	T	24.70	R	18.17	P	26	D	0.15	05.5	
04	09	64	05.5	LA	0012	36	59.9	76	29.4	6		*			*			02.0	T	24.80	R	18.36		*		*	*	
04	09	64	05.5	LA	0012	36	59.9	76	29.4	6		*			*			04.0	T	24.80	R	15.78		*		*	*	
04	09	64	05.5	LA	0012	36	59.9	76	29.4	6		*			*			05.0	T	24.70	R	15.51		*		*	*	
04	09	64	06.0	LA	0012	36	59.9	76	29.4	*6		*	20	23	05			00.0	T	24.60	R	18.28	D	28	D	0.15	06.0	
04	09	64	06.0	LA	0012	36	59.9	76	29.4	*6		*	20	23	05			02.0	T	24.80	R	18.33		*		*	*	
04	09	64	06.0	LA	0012	36	59.9	76	29.4	*6		*	20	23	05			04.0	T	24.80	R	18.59		*		*	*	
04	09	64	06.0	LA	0012	36	59.9	76	29.4	*6		*	20	23	05			05.0	T	24.70	R	18.61		*		*	*	
04	09	64	06.5	LA	0012	36	59.9	76	29.4	7		2			*			00.0			R	18.58	P	34	D	0.42	06.6	
04	09	64	06.5	LA	0012	36	59.9	76	29.4	7		2			*			02.0			R	18.58		*	T	0.42	06.5	
04	09	64	06.5	LA	0012	36	59.9	76	29.4	7		2			*			04.0			R	18.57		*	T	0.42	06.5	
04	09	64	06.5	LA	0012	36	59.9	76	29.4	7		2			*			06.0			R	18.57		*	T	0.40	06.5	
04	09	64	07.0	LA	0012	36	59.9	76	29.4	7		*	22		*	0.8		00.0	T	25.10	R	18.76	P	01	D	0.34	07.0	
04	09	64	07.0	LA	0012	36	59.9	76	29.4	7		*	22		*	0.8		02.0	T	25.10	R	18.75		*	T	0.42	07.0	
04	09	64	07.0	LA	0012	36	59.9	76	29.4	7		*	22		*	0.8		04.0	T	25.10	R	18.75		*	T	0.43	07.0	
04	09	64	07.0	LA	0012	36	59.9	76	29.4	7		*	22		*	0.8		06.0	T	24.90	R	18.74		*	T	0.28	07.0	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
04	09	64	07.5	LA	0012	36	59.9	76	29.4	7		*	22		*			00.0			R	19.15	P	01	D	0.34	07.6		
04	09	64	07.5	LA	0012	36	59.9	76	29.4	7		*			*			02.0			R	19.20		*	T	0.35	07.5		
04	09	64	07.5	LA	0012	36	59.9	76	29.4	7		*			*			04.0			R	19.20		*	T	0.32	07.5		
04	09	64	07.5	LA	0012	36	59.9	76	29.4	7		*			*			06.0			R	19.22		*	T	0.30	07.5		
04	09	64	08.0	LA	0012	36	59.9	76	29.4	*7		3	24	30	03	1.0		00.0	T	25.20	R	19.53	P	33	D	0.28	08.1		
04	09	64	08.0	LA	0012	36	59.9	76	29.4	*7		3	24	30	03	1.0		02.0	T	25.20	R	19.55		*	T	0.35	08.0		
04	09	64	08.0	LA	0012	36	59.9	76	29.4	*7		3	24	30	03	1.0		04.0	T	25.10	R	19.54		*	T	0.30	08.0		
04	09	64	08.0	LA	0012	36	59.9	76	29.4	*7		3	24	30	03	1.0		06.0	T	25.10	R	19.54		*	T	0.25	08.0		
04	09	64	08.5	LA	0012	36	59.9	76	29.4	7		*			*			00.0			R	19.63	P	32	D	0.22	08.6		
04	09	64	08.5	LA	0012	36	59.9	76	29.4	7		*			*			02.0			R	19.65		*	T	0.24	08.5		
04	09	64	08.5	LA	0012	36	59.9	76	29.4	7		*			*			04.0			R	19.65		*	T	0.22	08.5		
04	09	64	08.5	LA	0012	36	59.9	76	29.4	7		*			*			06.0			R	19.65		*	T	0.23	08.5		
04	09	64	09.0	LA	0012	36	59.9	76	29.4	*7		8	26	27	02	1.2		00.0	T	25.30	R	19.71	P	35	D	0.13	09.1		
04	09	64	09.0	LA	0012	36	59.9	76	29.4	*7		8	26	27	02	1.2		02.0	T	25.20	R	19.73		*	T	0.15	09.0		
04	09	64	09.0	LA	0012	36	59.9	76	29.4	*7		8	26	27	02	1.2		04.0	T	25.20	R	19.72		*	T	0.17	09.0		
04	09	64	09.0	LA	0012	36	59.9	76	29.4	*7		8	26	27	02	1.2		06.0	T	25.20	R	19.72		*	T	0.19	09.0		
04	09	64	09.5	LA	0012	36	59.9	76	29.4	7		8			*			00.0			R	19.70		*		*	*		
04	09	64	09.5	LA	0012	36	59.9	76	29.4	7		8			*			02.0			R	19.77		*	T	0.05	09.5		
04	09	64	09.5	LA	0012	36	59.9	76	29.4	7		8			*			04.0			R	19.79		*	T	0.05	09.5		
04	09	64	09.5	LA	0012	36	59.9	76	29.4	7		8			*			06.0			R	19.81		*	T	0.06	09.5		
04	09	64	10.0	LA	0012	36	59.9	76	29.4	*7		1	30	27	03	1.0		00.0	T	25.50	R	19.57	P	12	D	0.13	10.1		
04	09	64	10.0	LA	0012	36	59.9	76	29.4	*7		1	30	27	03	1.0		02.0	T	25.50	R	19.66		*	T	0.10	10.0		
04	09	64	10.0	LA	0012	36	59.9	76	29.4	*7		1	30	27	03	1.0		04.0	T	25.40	R	19.77		*	T	0.05	10.0		
04	09	64	10.0	LA	0012	36	59.9	76	29.4	*7		1	30	27	03	1.0		06.0	T	25.60	R	19.83		*	T	0.01	10.0		
04	09	64	10.5	LA	0012	36	59.9	76	29.4	7		1			*			00.0			R	19.46	P	13	D	0.30	10.6		
04	09	64	10.5	LA	0012	36	59.9	76	29.4	7		1			*			02.0			R	19.61		*	T	0.20	10.5		
04	09	64	10.5	LA	0012	36	59.9	76	29.4	7		1			*			04.0			R	19.73		*	T	0.20	10.5		
04	09	64	10.5	LA	0012	36	59.9	76	29.4	7		1			*			06.0			R	19.76		*	T	0.15	10.5		
04	09	64	11.0	LA	0012	36	59.9	76	29.4	*7		*	29	22	02	1.0		00.0	T	25.40	R	19.44	P	12	D	0.50	11.1		
04	09	64	11.0	LA	0012	36	59.9	76	29.4	*7		*	29	22	02	1.0		02.0	T	25.30	R	19.52		*	T	0.35	11.0		
04	09	64	11.0	LA	0012	36	59.9	76	29.4	*7		*	29	22	02	1.0		04.0	T	25.30	R	19.59		*	T	0.30	11.0		
04	09	64	11.0	LA	0012	36	59.9	76	29.4	*7		*	29	22	02	1.0		06.0	T	25.60	R	19.70		*	T	0.20	11.0		
04	09	64	11.5	LA	0012	36	59.9	76	29.4	7		*			*			00.0	T	25.90	R	19.35	P	13	D	0.55	11.6		
04	09	64	11.5	LA	0012	36	59.9	76	29.4	7		*			*			02.0	T	25.30	R	19.61		*	T	0.45	11.5		
04	09	64	11.5	LA	0012	36	59.9	76	29.4	7		*			*			04.0	T	25.30	R	19.74		*	T	0.40	11.5		
04	09	64	11.5	LA	0012	36	59.9	76	29.4	7		*			*			06.0	T	25.30	R	19.77		*	T	0.35	11.5		
04	09	64	12.0	LA	0012	36	59.9	76	29.4	*7		*	31	21	02			00.0	T	26.30	R	18.57	P	13	D	0.60	12.1		
04	09	64	12.0	LA	0012	36	59.9	76	29.4	*7		*	31	21	02			02.0	T	25.70	R	19.41		*	T	0.60	12.0		
04	09	64	12.0	LA	0012	36	59.9	76	29.4	*7		*	31	21	02			04.0	T	25.50	R	19.53		*	T	0.50	12.0		
04	09	64	12.0	LA	0012	36	59.9	76	29.4	*7		*	31	21	02			06.0	T	25.70	R	19.57		*	T	0.35	12.0		
04	09	64	12.5	LA	0012	36	59.9	76	29.4	7		*			*			00.0	T	26.40	R	17.90	P	14	D	0.50	12.6		
04	09	64	12.5	LA	0012	36	59.9	76	29.4	7		*			*			02.0	T	25.60	R	18.89		*	T	0.10	12.5		
04	09	64	12.5	LA	0012	36	59.9	76	29.4	7		*			*			04.0	T	25.40	R	18.80		*	T	0.80	12.5		
04	09	64	12.5	LA	0012	36	59.9	76	29.4	7		*			*			06.0	T	25.40	R	19.25		*	T	0.50	12.5		
04	09	64	13.0	LA	0012	36	59.9	76	29.4	*7		*	32	26	04			00.0	T	26.00	R	17.51	P	14	D	0.60	13.1		
04	09	64	13.0	LA	0012	36	59.9	76	29.4	*7		*	32	26	04			02.0	T	25.50	R	18.52		*	T	0.10	13.0		
04	09	64	13.0	LA	0012	36	59.9	76	29.4	*7		*	32	26	04			04.0	T	25.50	R	18.92		*	T	0.50	13.0		
04	09	64	13.0	LA	0012	36	59.9	76	29.4	*7		*	32	26	04			06.0	T	25.60	R	19.02		*	T	0.50	13.0		
04	09	64	13.5	LA	0012	36	59.9	76	29.4	7		*			*			00.0	T	26.60	R	18.60	P	14	D	0.50	13.6		
04	09	64	13.5	LA	0012	36	59.9	76	29.4	7		*			*			02.0	T	25.70	R	17.37		*	T	0.90	13.5		
04	09	64	13.5	LA	0012	36	59.9	76	29.4	7		*			*			04.0	T	25.40	R	18.20		*	T	0.90	13.5		
04	09	64	13.5	LA	0012	36	59.9	76	29.4	7		*			*			06.0	T	25.40	R	18.51		*	T	0.40	13.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
04	09	64	14.0	LA	0012	36	59.9	76	29.4	*6		*	31	26	02			00.0	T	26.00	R	17.76	P	14	D	0.60	14.1			
04	09	64	14.0	LA	0012	36	59.9	76	29.4	*6		*	31	26	02			02.0	T	25.50	R	17.90		*	T	0.60	14.0			
04	09	64	14.0	LA	0012	36	59.9	76	29.4	*6		*	31	26	02			04.0	T	25.90	R	18.09		*	T	0.45	14.0			
04	09	64	14.0	LA	0012	36	59.9	76	29.4	*6		*	31	26	02			06.0	T	25.70	R	18.22		*	T	0.35	14.0			
04	09	64	14.5	LA	0012	36	59.9	76	29.4	7		*			*			00.0	T	26.50	R	17.11	P	14	D	0.55	14.6			
04	09	64	14.5	LA	0012	36	59.9	76	29.4	7		*			*			02.0	T	25.90	R	17.80		*	T	0.60	14.5			
04	09	64	14.5	LA	0012	36	59.9	76	29.4	7		*			*			04.0	T	25.40	R	17.94		*	T	0.50	14.5			
04	09	64	14.5	LA	0012	36	59.9	76	29.4	7		*			*			06.0	T	25.40	R	18.00		*	T	0.35	14.5			
04	09	64	15.0	LA	0012	36	59.9	76	29.4	*5		*	29	26	01	1.0		00.0	T	26.10	R	17.31	P	14	D	0.45	15.1			
04	09	64	15.0	LA	0012	36	59.9	76	29.4	*5		*	29	26	01	1.0		02.0	T	25.60	R	17.73		*	T	0.40	15.0			
04	09	64	15.0	LA	0012	36	59.9	76	29.4	*5		*	29	26	01	1.0		04.0	T	25.50	R	17.98		*	T	0.25	15.0			
04	09	64	15.0	LA	0012	36	59.9	76	29.4	*5		*	29	26	01	1.0		05.0	T	25.80	R	18.02		*	T	0.20	15.0			
04	09	64	15.5	LA	0012	36	59.9	76	29.4	5		*			*			00.0	T	26.50	R	17.33	P	13	D	0.30	15.6			
04	09	64	15.5	LA	0012	36	59.9	76	29.4	5		*			*			02.0	T	25.90	R	17.40		*	T	0.35	15.5			
04	09	64	15.5	LA	0012	36	59.9	76	29.4	5		*			*			04.0	T	25.60	R	17.77		*	T	0.20	15.5			
04	09	64	15.5	LA	0012	36	59.9	76	29.4	5		*			*			05.0	T	25.40	R	17.89		*	T	0.15	15.5			
04	09	64	16.0	LA	0012	36	59.9	76	29.4	*5		*	30	24	06	1.0		00.0	T	26.20	R	17.13	P	15	D	0.40	16.1			
04	09	64	16.0	LA	0012	36	59.9	76	29.4	*5		*	30	24	06	1.0		02.0	T	25.70	R	17.59		*	T	0.06	16.0			
04	09	64	16.0	LA	0012	36	59.9	76	29.4	*5		*	30	24	06	1.0		04.0	T	25.50	R	17.67		*	T	0.04	16.0			
04	09	64	16.0	LA	0012	36	59.9	76	29.4	*5		*	30	24	06	1.0		05.0	T	25.40	R	17.86		*	T	0.05	16.0			
04	09	64	16.5	LA	0012	36	59.9	76	29.4	*5		*	29	21	05	1.0		00.0	T	26.30	R	17.02	P	00	D	0.00	16.6			
04	09	64	16.5	LA	0012	36	59.9	76	29.4	*5		*	29	21	05	1.0		02.0	T	25.90	R	17.16		*	T	0.02	16.5			
04	09	64	16.5	LA	0012	36	59.9	76	29.4	*5		*	29	21	05	1.0		04.0	T	25.60	R	17.71		*	T	0.10	16.5			
04	09	64	16.5	LA	0012	36	59.9	76	29.4	*5		*	29	21	05	1.0		05.0	T	25.50	R	17.63		*	T	0.20	16.5			

Cruise 0013

Stations:

1
3
4
2

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
11	09	64	06.5	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0	C	25.43	C	19.35	P	04	D	0.59	06.5		
11	09	64	06.5	PA	0013	36	58.1	76	19.8	10		6		*	*			04.0	C	25.29	C	20.71	T	10	T	0.60	06.5		
11	09	64	06.5	PA	0013	36	58.1	76	19.8	10		6		*	*			06.0	C	25.22	C	20.97	T	08	T	0.50	06.5		
11	09	64	06.5	PA	0013	36	58.1	76	19.8	10		6		*	*			08.0	C	25.16	C	21.21	T	09	T	0.50	06.5		
11	09	64	06.5	PA	0013	36	58.1	76	19.8	10		6		*	*			10.0	C	25.15	C	21.36	T	08	T	0.41	06.5		
11	09	64	07.0	PA	0013	36	58.1	76	19.8	10		7		*	*			00.0	C	25.38	C	20.06	P	03	D	0.42	07.1		
11	09	64	07.0	PA	0013	36	58.1	76	19.8	10		7		*	*			04.0	C	25.26	C	20.93	T	08	T	0.47	07.0		
11	09	64	07.0	PA	0013	36	58.1	76	19.8	10		7		*	*			06.0	C	25.22	C	21.06	T	07	T	0.49	07.1		
11	09	64	07.0	PA	0013	36	58.1	76	19.8	10		7		*	*			08.0	C	25.18	C	21.21	T	07	T	0.42	07.1		
11	09	64	07.0	PA	0013	36	58.1	76	19.8	10		7		*	*			10.0	C	25.14	C	21.36	T	06	T	0.22	07.1		
11	09	64	07.5	PA	0013	36	58.1	76	19.8	10		7	26	22	03			00.0					T	06	T	0.30	07.6		
11	09	64	07.5	PA	0013	36	58.1	76	19.8	10		7	26	22	03			00.0	C	25.34	C	20.27	P	04	D	0.24	07.6		
11	09	64	07.5	PA	0013	36	58.1	76	19.8	10		7	26	22	03			04.0	C	25.25	C	20.76	T	07	T	0.35	07.5		
11	09	64	07.5	PA	0013	36	58.1	76	19.8	10		7	26	22	03			06.0	C	25.24	C	20.84	T	07	T	0.31	07.5		
11	09	64	07.5	PA	0013	36	58.1	76	19.8	10		7	26	22	03			08.0	C	25.24	C	20.90	T	07	T	0.21	07.5		
11	09	64	07.5	PA	0013	36	58.1	76	19.8	10		7	26	22	03			10.0	C	25.20	C	21.00	T	07	T	0.08	07.5		
11	09	64	08.0	PA	0013	36	58.1	76	19.8	10		8		*	*	1.1		00.0	C	25.28	C	20.60		*	D	0.00	08.1		
11	09	64	08.0	PA	0013	36	58.1	76	19.8	10		8		*	*	1.1		04.0	C	25.26	C	20.91	T	08	T	0.18	08.0		
11	09	64	08.0	PA	0013	36	58.1	76	19.8	10		8		*	*	1.1		06.0	C	25.25	C	20.97	T	10	T	0.17	08.0		
11	09	64	08.0	PA	0013	36	58.1	76	19.8	10		8		*	*	1.1		08.0	C	25.19	C	21.15	T	13	T	0.14	08.0		
11	09	64	08.0	PA	0013	36	58.1	76	19.8	10		8		*	*	1.1		10.0	C	25.17	C	21.16	T	28	T	0.05	08.1		
11	09	64	08.5	PA	0013	36	58.1	76	19.8	9		8			*			00.0	C	25.26	C	20.57		*	D	0.00	08.7		
11	09	64	08.5	PA	0013	36	58.1	76	19.8	9		8			*			04.0	C	25.24	C	20.80	T	28	T	0.10	08.5		
11	09	64	08.5	PA	0013	36	58.1	76	19.8	9		8			*			06.0	C	25.22	C	20.92	T	28	T	0.09	08.5		
11	09	64	08.5	PA	0013	36	58.1	76	19.8	9		8			*			08.0	C	25.21	C	20.96	T	21	T	0.05	08.5		
11	09	64	08.5	PA	0013	36	58.1	76	19.8	9		8			*			09.0	C	25.20	C	21.00	T	22	T	0.15	08.5		
11	09	64	09.0	PA	0013	36	58.1	76	19.8	9		1			*			00.0	C	25.24	C	20.80	P	21	D	0.25	09.2		
11	09	64	09.0	PA	0013	36	58.1	76	19.8	9		1			*			04.0	C	25.22	C	21.02	T	23	T	0.23	09.1		
11	09	64	09.0	PA	0013	36	58.1	76	19.8	9		1			*			06.0	C	25.20	C	21.06	T	23	T	0.25	09.1		
11	09	64	09.0	PA	0013	36	58.1	76	19.8	9		1			*			08.0	C	25.18	C	21.10	T	23	T	0.30	09.1		
11	09	64	09.0	PA	0013	36	58.1	76	19.8	9		1			*			10.0	C	25.17	C	21.14	T	23	T	0.35	09.1		
11	09	64	09.5	PA	0013	36	58.1	76	19.8	9		1			*			00.0	C	25.34	C	20.74	P	20	D	0.35	09.8		
11	09	64	09.5	PA	0013	36	58.1	76	19.8	9		1			*			04.0	C	25.28	C	20.28	T	25	T	0.43	09.5		
11	09	64	09.5	PA	0013	36	58.1	76	19.8	9		1			*			06.0	C	25.22	C	20.94	T	25	T	0.43	09.6		
11	09	64	09.5	PA	0013	36	58.1	76	19.8	9		1			*			08.0	C	25.20	C	21.04	T	25	T	0.40	09.6		
11	09	64	09.5	PA	0013	36	58.1	76	19.8	9		1			*			10.0	C	25.19	C	21.08	T	25	T	0.44	09.7		
11	09	64	10.0	PA	0013	36	58.1	76	19.8	10		1		*	*			00.0	C	25.48	C	20.87	D	19	D	0.46	10.4		
11	09	64	10.0	PA	0013	36	58.1	76	19.8	10		1		*	*			04.0	C	25.26	C	21.01	T	23	T	0.65	10.2		
11	09	64	10.0	PA	0013	36	58.1	76	19.8	10		1		*	*			06.0	C	25.22	C	21.10	T	24	T	0.52	10.2		
11	09	64	10.0	PA	0013	36	58.1	76	19.8	10		1		*	*			08.0	C	25.20	C	21.16	T	25	T	0.42	10.3		
11	09	64	10.0	PA	0013	36	58.1	76	19.8	10		1		*	*			10.0	C	25.20	C	21.26	T	25	T	0.38	10.3		
11	09	64	10.5	PA	0013	36	58.1	76	19.8	10		1		*	*			00.0	C	25.50	C	20.94	D	21	D	0.61	10.9		
11	09	64	10.5	PA	0013	36	58.1	76	19.8	10		1		*	*			04.0	C	25.26	C	21.24	T	23	T	0.55	10.7		
11	09	64	10.5	PA	0013	36	58.1	76	19.8	10		1		*	*			06.0	C	25.21	C	21.40	T	24	T	0.52	10.8		
11	09	64	10.5	PA	0013	36	58.1	76	19.8	10		1		*	*			08.0	C	25.18	C	21.56	T	23	T	0.55	10.8		
11	09	64	10.5	PA	0013	36	58.1	76	19.8	10		1		*	*			10.0	C	25.12	C	22.00	T	24	T	0.40	10.8		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
11	09	64	11.0	PA	0013	36	58.1	76	19.8	10		*		*	*	1.2		00.0	C	25.44	C	21.67	D	22	D	0.56	11.2	
11	09	64	11.0	PA	0013	36	58.1	76	19.8	10		*		*	*	1.2		04.0	C	25.18	C	21.80	T	24	T	0.50	11.2	
11	09	64	11.0	PA	0013	36	58.1	76	19.8	10		*		*	*	1.2		06.0	C	25.16	C	21.82	T	24	T	0.50	11.2	
11	09	64	11.0	PA	0013	36	58.1	76	19.8	10		*		*	*	1.2		08.0	C	25.06	C	22.46	T	23	T	0.50	11.2	
11	09	64	11.0	PA	0013	36	58.1	76	19.8	10		*		*	*	1.2		10.0	C	25.06	C	22.48	T	24	T	0.62	11.2	
11	09	64	11.5	PA	0013	36	58.1	76	19.8	10		*		*	*			00.0	C	25.98	C	21.68	D	22	D	0.28	11.7	
11	09	64	11.5	PA	0013	36	58.1	76	19.8	10		*		*	*			04.0	C	25.30	C	21.89	T	25	T	0.37	11.6	
11	09	64	11.5	PA	0013	36	58.1	76	19.8	10		*		*	*			06.0	C	25.22	C	21.91	T	25	T	0.43	11.7	
11	09	64	11.5	PA	0013	36	58.1	76	19.8	10		*		*	*			08.0	C	25.19	C	21.97	T	25	T	0.43	11.7	
11	09	64	11.5	PA	0013	36	58.1	76	19.8	10		*		*	*			10.0	C	25.04	C	22.05	T	24	T	0.38	11.7	
11	09	64	12.0	PA	0013	36	58.1	76	19.8	10		*		*	*	1.1		00.0	C	26.02	C	21.79	D	23	D	0.41	12.2	
11	09	64	12.0	PA	0013	36	58.1	76	19.8	10		*		*	*	1.1		04.0	C	25.44	C	21.88	T	26	T	0.35	12.1	
11	09	64	12.0	PA	0013	36	58.1	76	19.8	10		*		*	*	1.1		06.0	C	25.45	C	21.87	T	26	T	0.30	12.1	
11	09	64	12.0	PA	0013	36	58.1	76	19.8	10		*		*	*	1.1		08.0	C	25.20	C	22.25	T	23	T	0.36	12.1	
11	09	64	12.0	PA	0013	36	58.1	76	19.8	10		*		*	*	1.1		10.0	C	25.04	C	22.63	T	22	T	0.45	12.2	
11	09	64	12.5	PA	0013	36	58.1	76	19.8	10		3		*	*			00.0	C	25.60	C	21.86	D	23		*	12.8	
11	09	64	12.5	PA	0013	36	58.1	76	19.8	10		3		*	*			04.0	C	25.38	C	22.01	T	24	T	0.18	12.6	
11	09	64	12.5	PA	0013	36	58.1	76	19.8	10		3		*	*			06.0	C	25.36	C	22.07	T	24	T	0.15	12.7	
11	09	64	12.5	PA	0013	36	58.1	76	19.8	10		3		*	*			08.0	C	25.14	C	22.37	T	23	T	0.34	12.7	
11	09	64	12.5	PA	0013	36	58.1	76	19.8	10		3		*	*			10.0	C	25.06	C	22.62	T	23	T	0.30	12.7	
11	09	64	13.0	PA	0013	36	58.1	76	19.8	10		4	33	*	00	1.1		00.0	C	26.10	C	21.31	D	02	D	0.13	13.1	
11	09	64	13.0	PA	0013	36	58.1	76	19.8	10		4	33	*	00	1.1		04.0	C	25.47	C	22.01	T	27	T	0.20	13.0	
11	09	64	13.0	PA	0013	36	58.1	76	19.8	10		4	33	*	00	1.1		06.0	C	25.17	C	22.28	T	25	T	0.33	13.0	
11	09	64	13.0	PA	0013	36	58.1	76	19.8	10		4	33	*	00	1.1		08.0	C	25.13	C	22.50	T	24	T	0.33	13.0	
11	09	64	13.0	PA	0013	36	58.1	76	19.8	10		4	33	*	00	1.1		10.0	C	25.12	C	22.58	T	23	T	0.23	13.0	
11	09	64	13.5	PA	0013	36	58.1	76	19.8	10		5		*	*			00.0	C	25.81	C	20.97	P	03	D	0.34	13.6	
11	09	64	13.5	PA	0013	36	58.1	76	19.8	10		5		*	*			04.0	C	25.47	C	21.96	T	06	T	0.18	13.5	
11	09	64	13.5	PA	0013	36	58.1	76	19.8	10		5		*	*			06.0	C	25.15	C	22.39	T	21	T	0.09	13.5	
11	09	64	13.5	PA	0013	36	58.1	76	19.8	10		5		*	*			08.0	C	25.14	C	22.51	T	22	T	0.06	13.5	
11	09	64	13.5	PA	0013	36	58.1	76	19.8	10		5		*	*			10.0	C	25.12	C	22.68	T	23	T	0.07	13.5	
11	09	64	14.0	PA	0013	36	58.1	76	19.8	10		5	27	*9	03	1.1		00.0	C	27.76	C	20.31	P	01	D	0.39	14.2	
11	09	64	14.0	PA	0013	36	58.1	76	19.8	10		5	27	*9	03	1.1		04.0	C	25.18	C	22.58	T	09	T	0.15	14.1	
11	09	64	14.0	PA	0013	36	58.1	76	19.8	10		5	27	*9	03	1.1		06.0	C	25.15	C	22.72	T	14	T	0.05	14.1	
11	09	64	14.0	PA	0013	36	58.1	76	19.8	10		5	27	*9	03	1.1		08.0	C	25.14	C	22.73	T	15	T	0.05	14.1	
11	09	64	14.0	PA	0013	36	58.1	76	19.8	10		5	27	*9	03	1.1		10.0	C	25.14	C	22.73	T	09	T	0.03	14.1	
11	09	64	14.5	PA	0013	36	58.1	76	19.8	10		5		*	*	1.1		00.0	C	25.59	C	21.40	P	02	D	0.49	14.6	
11	09	64	14.5	PA	0013	36	58.1	76	19.8	10		5		*	*	1.1		04.0	C	25.30	C	22.01	T	07	T	0.30	14.5	
11	09	64	14.5	PA	0013	36	58.1	76	19.8	10		5		*	*	1.1		06.0	C	25.15	C	22.58	T	09	T	0.10	14.5	
11	09	64	14.5	PA	0013	36	58.1	76	19.8	10		5		*	*	1.1		08.0	C	25.15	C	22.61	T	09	T	0.15	14.5	
11	09	64	14.5	PA	0013	36	58.1	76	19.8	10		5		*	*	1.1		10.0	C	25.14	C	22.62	T	08	T	0.22	14.6	
11	09	64	15.0	PA	0013	36	58.1	76	19.8	10		6	27	*8	04	1.1		00.0	C	25.36	C	21.75	P	02	D	0.63	15.1	
11	09	64	15.0	PA	0013	36	58.1	76	19.8	10		6	27	*8	04	1.1		00.0					T	07	T	0.63	15.1	
11	09	64	15.0	PA	0013	36	58.1	76	19.8	10		6	27	*8	04	1.1		04.0	C	25.15	C	22.65	T	07	T	0.36	15.1	
11	09	64	15.0	PA	0013	36	58.1	76	19.8	10		6	27	*8	04	1.1		06.0	C	25.14	C	22.66	T	07	T	0.37	15.0	
11	09	64	15.0	PA	0013	36	58.1	76	19.8	10		6	27	*8	04	1.1		08.0	C	25.14	C	22.66	T	07	T	0.37	15.0	
11	09	64	15.0	PA	0013	36	58.1	76	19.8	10		6	27	*8	04	1.1		10.0	C	25.13	C	22.66	T	07	T	0.38	15.0	
11	09	64	15.5	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0	C	25.36	C	21.65	P	04	D	0.69	15.7	
11	09	64	15.5	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0					T	07	T	0.75	15.7	
11	09	64	15.5	PA	0013	36	58.1	76	19.8	10		6		*	*			04.0	C	25.12	C	22.52	T	07	T	0.60	15.5	
11	09	64	15.5	PA	0013	36	58.1	76	19.8	10		6		*	*			06.0	C	25.12	C	22.58	T	07	T	0.50	15.5	
11	09	64	15.5	PA	0013	36	58.1	76	19.8	10		6		*	*			08.0	C	25.12	C	22.60	T	07	T	0.47	15.6	
11	09	64	15.5	PA	0013	36	58.1	76	19.8	10		6		*	*			10.0	C	25.12	C	22.63	T	07	T	0.40	15.6	
11	09	64	16.0	PA	0013	36	58.1	76	19.8	10		6	27	15	04	1.1		00.0	C	25.37	C	20.90	P	05	D	0.78	16.1	
11	09	64	16.0	PA	0013	36	58.1	76	19.8	10		6	27	15	04	1.1		00.0					T	07	T	0.85	16.0	
11	09	64	16.0	PA	0013	36	58.1	76	19.8	10		6	27	15	04	1.1		04.0	C	25.14	C	22.67	T	07	T	0.50	16.1	
11	09	64	16.0	PA	0013	36	58.1	76	19.8	10		6	27	15	04	1.1		06.0	C	25.14	C	22.71	T	07	T	0.60	16.1	
11	09	64	16.0	PA	0013	36	58.1	76	19.8	10		6	27	15	04	1.1		08.0	C	25.13	C	22.71	T	06	T	0.51	16.1	
11	09	64	16.0	PA	0013	36	58.1	76	19.8	10		6	27	15	04	1.1		10.0	C	25.13	C	22.72	T	06	T	0.52	16.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
11	09	64	16.5	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0	C	25.66	C	20.80	P	03	D	0.90	16.6		
11	09	64	16.5	PA	0013	36	58.1	76	19.8	10		6		*	*			04.0	C	25.20	C	22.32	T	06	T	0.75	16.5		
11	09	64	16.5	PA	0013	36	58.1	76	19.8	10		6		*	*			06.0	C	25.16	C	22.49	T	06	T	0.70	16.5		
11	09	64	16.5	PA	0013	36	58.1	76	19.8	10		6		*	*			08.0	C	25.14	C	22.54	T	06	T	0.62	16.5		
11	09	64	16.5	PA	0013	36	58.1	76	19.8	10		6		*	*			10.0	C	25.13	C	22.58	T	07	T	0.50	16.5		
11	09	64	17.0	PA	0013	36	58.1	76	19.8	10		6		*	*	1.0		00.0	C	26.24	C	20.37	P	04	D	1.01	17.0		
11	09	64	17.0	PA	0013	36	58.1	76	19.8	10		6		*	*	1.0		04.0	C	25.28	C	22.17	T	07	T	0.80	17.0		
11	09	64	17.0	PA	0013	36	58.1	76	19.8	10		6		*	*	1.0		06.0	C	25.17	C	22.43	T	06	T	0.75	17.0		
11	09	64	17.0	PA	0013	36	58.1	76	19.8	10		6		*	*	1.0		08.0	C	25.14	C	22.53	T	06	T	0.70	17.0		
11	09	64	17.0	PA	0013	36	58.1	76	19.8	10		6		*	*	1.0		10.0	C	25.14	C	22.53	T	07	T	0.50	17.0		
11	09	64	17.5	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0	C	26.48	C	19.87	P	04	D	0.90	17.7		
11	09	64	17.5	PA	0013	36	58.1	76	19.8	10		6		*	*			04.0	C	25.26	C	21.86	T	07	T	0.75	17.6		
11	09	64	17.5	PA	0013	36	58.1	76	19.8	10		6		*	*			06.0	C	25.20	C	22.14	T	06	T	0.70	17.6		
11	09	64	17.5	PA	0013	36	58.1	76	19.8	10		6		*	*			08.0	C	25.18	C	22.26	T	06	T	0.50	17.7		
11	09	64	17.5	PA	0013	36	58.1	76	19.8	10		6		*	*			10.0	C	25.18	C	22.29	T	07	T	0.48	17.7		
11	09	64	18.0	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0	C	26.30	C	19.78	P	04	D	0.95	18.1		
11	09	64	18.0	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0					T	06	T	0.95	18.0		
11	09	64	18.0	PA	0013	36	58.1	76	19.8	10		6		*	*			04.0	C	25.29	C	21.74	T	06	T	0.60	18.0		
11	09	64	18.0	PA	0013	36	58.1	76	19.8	10		6		*	*			06.0	C	25.19	C	22.21	T	06	T	0.60	18.0		
11	09	64	18.0	PA	0013	36	58.1	76	19.8	10		6		*	*			08.0	C	25.18	C	22.24	T	06	T	0.62	18.0		
11	09	64	18.0	PA	0013	36	58.1	76	19.8	10		6		*	*			10.0	C	25.17	C	22.26	T	05	T	0.49	18.0		
11	09	64	18.5	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0	C	26.19	C	19.55	D	04	D	0.87	18.7		
11	09	64	18.5	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0					T	07	T	0.95	18.6		
11	09	64	18.5	PA	0013	36	58.1	76	19.8	10		6		*	*			04.0	C	25.41	C	21.15	T	06	T	0.80	18.6		
11	09	64	18.5	PA	0013	36	58.1	76	19.8	10		6		*	*			06.0	C	25.32	C	21.36	T	06	T	0.70	18.6		
11	09	64	18.5	PA	0013	36	58.1	76	19.8	10		6		*	*			08.0	C	25.24	C	21.87	T	06	T	0.50	18.6		
11	09	64	18.5	PA	0013	36	58.1	76	19.8	10		6		*	*			10.0	C	25.22	C	22.07	T	06	T	0.40	18.6		
11	09	64	19.0	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0	C	25.80	C	20.24	D	04	D	0.61	19.2		
11	09	64	19.0	PA	0013	36	58.1	76	19.8	10		6		*	*			04.0	C	25.59	C	20.69	T	07	T	0.75	19.1		
11	09	64	19.0	PA	0013	36	58.1	76	19.8	10		6		*	*			06.0	C	25.30	C	21.37	T	07	T	0.63	19.1		
11	09	64	19.0	PA	0013	36	58.1	76	19.8	10		6		*	*			08.0	C	25.27	C	21.65	T	07	T	0.55	19.1		
11	09	64	19.0	PA	0013	36	58.1	76	19.8	10		6		*	*			10.0	C	25.24	C	21.96	T	06	T	0.40	19.2		
11	09	64	19.5	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0	C	25.77	C	20.31	D	03	D	0.61	19.6		
11	09	64	19.5	PA	0013	36	58.1	76	19.8	10		6		*	*			04.0	C	25.62	C	20.73	T	06	T	0.60	19.5		
11	09	64	19.5	PA	0013	36	58.1	76	19.8	10		6		*	*			06.0	C	25.54	C	20.85	T	05	T	0.60	19.5		
11	09	64	19.5	PA	0013	36	58.1	76	19.8	10		6		*	*			08.0	C	25.32	C	21.35	T	05	T	0.50	19.5		
11	09	64	19.5	PA	0013	36	58.1	76	19.8	10		6		*	*			10.0	C	25.26	C	21.57	T	06	T	0.32	19.5		
11	09	64	20.0	PA	0013	36	58.1	76	19.8	10		6		*	*			00.0	C	25.71	C	20.18	P	03	D	0.53	20.0		
11	09	64	20.0	PA	0013	36	58.1	76	19.8	10		6		*	*			04.0	C	25.67	C	20.75	T	06	T	0.50	20.0		
11	09	64	20.0	PA	0013	36	58.1	76	19.8	10		6		*	*			06.0	C	25.58	C	20.92	T	06	T	0.43	20.0		
11	09	64	20.0	PA	0013	36	58.1	76	19.8	10		6		*	*			08.0	C	25.48	C	21.17	T	06	T	0.33	20.0		
11	09	64	20.0	PA	0013	36	58.1	76	19.8	10		6		*	*			10.0	C	25.34	C	21.55	T	06	T	0.10	20.0		
11	09	64	20.5	PA	0013	36	58.1	76	19.8	10		*		*	*			00.0	C	25.88	C	20.44		*	D	0.32	20.6		
11	09	64	20.5	PA	0013	36	58.1	76	19.8	10		*		*	*			04.0	C	25.64	C	20.85	T	05	T	0.33	20.5		
11	09	64	20.5	PA	0013	36	58.1	76	19.8	10		*		*	*			06.0	C	25.56	C	20.95	T	01	T	0.13	20.5		
11	09	64	20.5	PA	0013	36	58.1	76	19.8	10		*		*	*			08.0	C	25.56	C	21.00	T	02	T	0.11	20.5		
11	09	64	20.5	PA	0013	36	58.1	76	19.8	10		*		*	*			10.0	C	25.50	C	21.08	T	08	T	0.11	20.5		
11	09	64	21.0	PA	0013	36	58.1	76	19.8	10		7		*	*			00.0	C	25.80	C	20.64		*	D	0.28	21.1		
11	09	64	21.0	PA	0013	36	58.1	76	19.8	10		7		*	*			04.0	C	25.60	C	21.09		*	T	0.18	21.0		
11	09	64	21.0	PA	0013	36	58.1	76	19.8	10		7		*	*			06.0	C	25.56	C	21.19		*	T	0.20	21.1		
11	09	64	21.0	PA	0013	36	58.1	76	19.8	10		7		*	*			08.0	C	25.54	C	21.21		*	T	0.15	21.1		
11	09	64	21.0	PA	0013	36	58.1	76	19.8	10		7		*	*			10.0	C	25.48	C	21.24		*	T	0.09	21.2		
11	09	64	21.5	PA	0013	36	58.1	76	19.8	10		8		*	*			00.0	C	25.68	C	20.73		*	D	0.00	21.7		
11	09	64	21.5	PA	0013	36	58.1	76	19.8	10		8		*	*			04.0	C	25.58	C	20.94		*	T	0.10	21.6		
11	09	64	21.5	PA	0013	36	58.1	76	19.8	10		8		*	*			06.0	C	25.56	C	21.03		*	T	0.25	21.6		
11	09	64	21.5	PA	0013	36	58.1	76	19.8	10		8		*	*			08.0	C	25.52	C	21.11		*	T	0.35	21.5		
11	09	64	21.5	PA	0013	36	58.1	76	19.8	10		8		*	*			10.0	C	25.49	C	21.20		*	T	0.15	21.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
11	09	64	07.0	IN	0013	36	59.3	76	20.6	*1		8	26	22	03	1.5		00.0	B	25.60	R	21.23	D	*	U	0.12	07.0		
11	09	64	07.0	IN	0013	36	59.3	76	20.6	*1		8	26	22	03	1.5		01.5	B	25.60	R	21.24		*	U	0.06	07.0		
11	09	64	07.5	IN	0013	36	59.3	76	20.6	1		*			*			00.0	B	25.64	R	21.27	D	25	U	0.09	07.5		
11	09	64	07.5	IN	0013	36	59.3	76	20.6	1		*			*			01.5	B	25.40	R	21.26	F	22	U	0.14	07.5		
11	09	64	08.0	IN	0013	36	59.3	76	20.6	1		1			*	1.0		00.0	B	25.80	R	21.29	D	27	U	0.11	08.0		
11	09	64	08.0	IN	0013	36	59.3	76	20.6	1		1			*	1.0		01.5	B	25.80	R	21.31		*	U	0.21	08.0		
11	09	64	08.5	IN	0013	36	59.3	76	20.6	1		*			*			00.0	B	25.50	R	21.25	D	25	U	0.17	08.6		
11	09	64	08.5	IN	0013	36	59.3	76	20.6	1		*			*			01.5			R	21.24		*	U	0.22	08.6		
11	09	64	09.0	IN	0013	36	59.3	76	20.6	1		*			*			00.0	B	25.24	R	21.35	D	25	U	0.20	09.0		
11	09	64	09.0	IN	0013	36	59.3	76	20.6	1		*			*			01.0	B	25.24	R	21.35	F	25	U	0.30	09.0		
11	09	64	09.5	IN	0013	36	59.3	76	20.6	1		1			*			00.0	B	25.24	R	21.31	D	26	U	0.05	09.5		
11	09	64	09.5	IN	0013	36	59.3	76	20.6	1		1			*			01.0	B	25.24	R	21.46	F	26	U	0.45	09.6		
11	09	64	10.0	IN	0013	36	59.3	76	20.6	*1		1	28	22	01			00.0	B	25.56	R	21.42	D	25	U	0.18	10.0		
11	09	64	10.0	IN	0013	36	59.3	76	20.6	*1		1	28	22	01			01.0	B	25.56	R	21.52		*	U	0.27	10.1		
11	09	64	10.5	IN	0013	36	59.3	76	20.6	2		1			*			00.0	B	25.56	R	21.86	D	25	U	0.17	10.6		
11	09	64	10.5	IN	0013	36	59.3	76	20.6	2		1			*			01.5	B	25.56	R	21.86		*	U	0.28	10.6		
11	09	64	11.0	IN	0013	36	59.3	76	20.6	2		2			*			00.0	B	25.56	R	21.94	D	24	U	0.40	11.1		
11	09	64	11.0	IN	0013	36	59.3	76	20.6	2		2			*			02.0	B	25.56	R	21.96		*	U	0.30	11.1		
11	09	64	11.5	IN	0013	36	59.3	76	20.6	2		2			*			00.0	B	25.56	R	21.82	D	24	U	0.41	11.7		
11	09	64	11.5	IN	0013	36	59.3	76	20.6	2		2			*			02.0	B	25.56	R	21.92		*	U	0.43	11.7		
11	09	64	12.0	IN	0013	36	59.3	76	20.6	2		3	30		*			00.0	B	25.52	R	21.81	D	25	U	0.20	12.1		
11	09	64	12.0	IN	0013	36	59.3	76	20.6	2		3	30		*			02.0	B	25.52	R	21.82	F	25	U	0.35	12.1		
11	09	64	12.5	IN	0013	36	59.3	76	20.6	2		3			*			00.0	B	25.56	R	21.74	D	25	U	0.20	12.5		
11	09	64	12.5	IN	0013	36	59.3	76	20.6	2		3			*			02.0	B	25.56	R	21.72	F	25	U	0.30	12.5		
11	09	64	13.0	IN	0013	36	59.3	76	20.6	2		3			*			00.0	B	25.52	R	21.75	D	26	U	0.17	13.0		
11	09	64	13.0	IN	0013	36	59.3	76	20.6	2		3			*			02.0	B	25.52	R	21.75	F	26	U	0.25	13.0		
11	09	64	13.5	IN	0013	36	59.3	76	20.6	2		3			*			00.0	B	25.80	R	21.77	D	29	U	0.10	13.5		
11	09	64	13.5	IN	0013	36	59.3	76	20.6	2		3			*			02.0	B	25.76	R	21.76	F	23	U	0.10	13.5		
11	09	64	14.0	IN	0013	36	59.3	76	20.6	2		4	27	9	03	1.2		00.0	B	26.28	R	21.75	D	08	U	0.07	14.1		
11	09	64	14.0	IN	0013	36	59.3	76	20.6	2		4	27	9	03	1.2		02.0	B	26.28	R	21.75		*	U	0.00	14.1		
11	09	64	14.5	IN	0013	36	59.3	76	20.6	1		5			*			00.0	B	26.00	R	21.75	D	08	U	0.10	14.5		
11	09	64	14.5	IN	0013	36	59.3	76	20.6	1		5			*			01.5	B	25.96	R	21.74	F	07	U	0.11	14.5		
11	09	64	15.0	IN	0013	36	59.3	76	20.6	1		5	27	8	04	1.2		00.0	T	26.28	R	21.75	D	08	U	0.19	15.0		
11	09	64	15.0	IN	0013	36	59.3	76	20.6	1		5	27	8	04	1.2		01.5	B	26.28	R	21.75	F	07	U	0.16	15.0		
11	09	64	15.5	IN	0013	36	59.3	76	20.6	1		5			*			00.0	B	25.72	R	21.82	D	09	U	0.24	15.5		
11	09	64	15.5	IN	0013	36	59.3	76	20.6	1		5			*			01.5	B	25.84	R	21.84	F	09	U	0.40	15.6		
11	09	64	16.0	IN	0013	36	59.3	76	20.6	*1		5	27	15	04	1.0		00.0	T	26.00	R	21.65	D	10	U	0.20	16.0		
11	09	64	16.0	IN	0013	36	59.3	76	20.6	*1		5	27	15	04	1.0		01.5	B	26.16	R	21.67	F	10	U	0.40	16.1		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
11	09	64	16.5	IN	0013	36	59.3	76	20.6	1	6			*		00.0	B	26.32	R	21.47	D	10	U	0.29	16.5
11	09	64	16.5	IN	0013	36	59.3	76	20.6	1	6			*		01.5	B	26.24	R	21.43	F	10	U	0.50	16.5
11	09	64	17.0	IN	0013	36	59.3	76	20.6	1	6			06	0.8	00.0	T	26.04	R	21.36	D	10	U	0.80	17.0
11	09	64	17.0	IN	0013	36	59.3	76	20.6	1	6			06	0.8	01.5			R	21.34	F	10		*	17.0
11	09	64	17.5	IN	0013	36	59.3	76	20.6	1	6			*		00.0	B	26.04	R	21.26	D	09	U	0.23	17.5
11	09	64	17.5	IN	0013	36	59.3	76	20.6	1	6			*		01.5			R	21.25	F	09		*	*
11	09	64	18.0	IN	0013	36	59.3	76	20.6	1	7			*		00.0	T	25.80	R	21.40	D	12	U	0.15	18.1
11	09	64	18.0	IN	0013	36	59.3	76	20.6	1	7			*		01.0	B	25.80	R	21.30	F	12	U	0.20	18.1
11	09	64	18.5	IN	0013	36	59.3	76	20.6	1	7			*		00.0	B	25.80	R	21.40	D	12	U	0.20	18.5
11	09	64	18.5	IN	0013	36	59.3	76	20.6	1	7			*		01.0	B	25.80	R	21.39	F	12	U	0.10	18.5
11	09	64	19.0	IN	0013	36	59.3	76	20.6	1	7			*		00.0	B	25.80	R	21.41	D	12	U	0.05	19.0
11	09	64	19.0	IN	0013	36	59.3	76	20.6	1	7			*		01.0	B	25.80	R	21.41	F	12	U	0.05	19.0
11	09	64	19.5	IN	0013	36	59.3	76	20.6	1	8			*		00.0	B	25.80	R	21.35	D	*	U	0.02	19.5
11	09	64	19.5	IN	0013	36	59.3	76	20.6	1	8			*		01.0	B	25.80	R	21.34	F	*	U	0.01	19.5
11	09	64	07.3	BR	0013	36	59.9	76	21.0	*3	1	26	22	03	1.4	00.0	J	25.57	R	20.96	P	26	D	0.14	07.3
11	09	64	07.3	BR	0013	36	59.9	76	21.0	*3	1	26	22	03	1.4	02.0	J	25.67	R	20.97		*		*	*
11	09	64	07.3	BR	0013	36	59.9	76	21.0	*3	1	26	22	03	1.4	03.0	J	25.78	R	20.97		*		*	*
11	09	64	08.0	BR	0013	36	59.9	76	21.0	3	1			*		00.0	J	25.80	R	20.54	P	26	U	0.25	08.0
11	09	64	08.0	BR	0013	36	59.9	76	21.0	3	1			*		02.0	J	25.80	R	20.54		*	U	0.20	08.0
11	09	64	08.0	BR	0013	36	59.9	76	21.0	3	1			*		03.0	J	25.80	R	20.56	F	26	U	0.17	08.0
11	09	64	08.5	BR	0013	36	59.9	76	21.0	3	1			*	1.2	00.0	J	25.50	R	20.91	P	25	U	0.25	08.5
11	09	64	08.5	BR	0013	36	59.9	76	21.0	3	1			*	1.2	02.0	J	25.60	R	20.89	F	25	U	0.22	08.5
11	09	64	08.5	BR	0013	36	59.9	76	21.0	3	1			*	1.2	03.0	J	25.60	R	20.90	F	25	U	0.16	08.5
11	09	64	09.0	BR	0013	36	59.9	76	21.0	3	1			*		00.0	J	25.50	R	20.92		*	U	0.30	09.0
11	09	64	09.0	BR	0013	36	59.9	76	21.0	3	1			*		02.0	J	25.50	R	20.92		*	U	0.25	09.0
11	09	64	09.0	BR	0013	36	59.9	76	21.0	3	1			*		03.0	J	25.50	R	20.91		*	U	0.23	09.0
11	09	64	09.5	BR	0013	36	59.9	76	21.0	3	1			*		00.0			R	20.90		*	U	0.24	09.6
11	09	64	09.5	BR	0013	36	59.9	76	21.0	3	1			*		02.0			R	20.95		*	U	0.27	09.6
11	09	64	09.5	BR	0013	36	59.9	76	21.0	3	1			*		03.0			R	20.95		*	U	0.25	09.6
11	09	64	10.0	BR	0013	36	59.9	76	21.0	3	1			*		00.0	J	25.50	R	20.92		*	U	0.34	10.1
11	09	64	10.0	BR	0013	36	59.9	76	21.0	3	1			*		02.0	J	25.60	R	20.96		*	U	0.25	10.1
11	09	64	10.0	BR	0013	36	59.9	76	21.0	3	1			*		03.0	J	25.60	R	20.92		*	U	0.25	10.1
11	09	64	10.5	BR	0013	36	59.9	76	21.0	3	2			*		00.0			R	20.82		*	U	0.31	10.5
11	09	64	10.5	BR	0013	36	59.9	76	21.0	3	2			*		02.0			R	20.85		*	U	0.23	10.5
11	09	64	10.5	BR	0013	36	59.9	76	21.0	3	2			*		03.0			R	20.86		*	U	0.22	10.5
11	09	64	11.0	BR	0013	36	59.9	76	21.0	3	3			*	1.1	00.0	J	25.90	R	20.85		*	U	0.27	11.0
11	09	64	11.0	BR	0013	36	59.9	76	21.0	3	3			*	1.1	02.0	J	25.60	R	20.86		*	U	0.25	11.0
11	09	64	11.0	BR	0013	36	59.9	76	21.0	3	3			*	1.1	03.0	J	25.60	R	20.83		*	U	0.20	11.0
11	09	64	11.5	BR	0013	36	59.9	76	21.0	3	3			*		00.0			R	20.87		*	U	0.19	11.5
11	09	64	11.5	BR	0013	36	59.9	76	21.0	3	3			*		02.0			R	20.90		*	U	0.16	11.5
11	09	64	11.5	BR	0013	36	59.9	76	21.0	3	3			*		03.0			R	20.86		*	U	0.13	11.5
11	09	64	12.0	BR	0013	36	59.9	76	21.0	2	3			*		00.0	J	25.70	R	20.90		*	U	0.13	12.0
11	09	64	12.0	BR	0013	36	59.9	76	21.0	2	3			*		02.0	J	25.60	R	20.92		*	U	0.13	12.0
11	09	64	12.0	BR	0013	36	59.9	76	21.0	2	3			*		03.0	J	25.60	R	20.93		*	U	0.12	12.0

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
11	09	64	12.5	BR	0013	36	59.9	76	21.0	2		4			*			00.0			R	20.92	P	22	U	0.07	12.5	
11	09	64	12.5	BR	0013	36	59.9	76	21.0	2		4			*			02.0			R	20.96		*	U	0.05	12.5	
11	09	64	12.5	BR	0013	36	59.9	76	21.0	2		4			*			03.0			R	21.23		*	U	0.03	12.5	
11	09	64	13.0	BR	0013	36	59.9	76	21.0	3		4			*	1.1		00.0	J	26.00	R	20.46		*	U	0.04	13.0	
11	09	64	13.0	BR	0013	36	59.9	76	21.0	3		4			*	1.1		02.0	J	25.60	R	20.94		*	U	0.03	13.0	
11	09	64	13.0	BR	0013	36	59.9	76	21.0	3		4			*	1.1		03.0	J	25.60	R	21.40		*	U	0.05	13.0	
11	09	64	13.5	BR	0013	36	59.9	76	21.0	3		4			*			00.0			R	20.90	P	08	D	0.14	13.5	
11	09	64	13.5	BR	0013	36	59.9	76	21.0	3		4			*			02.0			R	21.40	F	08	U	0.10	13.5	
11	09	64	13.5	BR	0013	36	59.9	76	21.0	3		4			*			03.0			R	21.50	F	08	U	0.10	13.5	
11	09	64	14.0	BR	0013	36	59.9	76	21.0	3		5			*	1.3		00.0	J	26.50	R	20.87	P	08	D	0.14	14.0	
11	09	64	14.0	BR	0013	36	59.9	76	21.0	3		5			*	1.3		02.0	J	25.60	R	21.67	F	08	U	0.17	14.0	
11	09	64	14.0	BR	0013	36	59.9	76	21.0	3		5			*	1.3		03.0	J	25.60	R	21.54	F	08	U	0.18	14.0	
11	09	64	14.5	BR	0013	36	59.9	76	21.0	3		5			*			00.0			R	20.94		*		*	14.5	
11	09	64	14.5	BR	0013	36	59.9	76	21.0	3		5			*			02.0			R	21.56	F	08	U	0.28	14.5	
11	09	64	14.5	BR	0013	36	59.9	76	21.0	3		5			*			03.0			R	21.58	F	08	U	0.28	14.5	
11	09	64	15.0	BR	0013	36	59.9	76	21.0	3		5			*	1.1		00.0	J	26.50	R	20.94	P	07	D	0.25	15.0	
11	09	64	15.0	BR	0013	36	59.9	76	21.0	3		5			*	1.1		02.0	J	25.40	R	21.49	F	07	U	0.30	15.0	
11	09	64	15.0	BR	0013	36	59.9	76	21.0	3		5			*	1.1		03.0	J	25.60	R	21.57	F	07	U	0.20	15.0	
11	09	64	15.5	BR	0013	36	59.9	76	21.0	3		5			*			00.0			R	20.92	P	08	D	0.28	15.5	
11	09	64	15.5	BR	0013	36	59.9	76	21.0	3		5			*			02.0			R	21.32	F	08	U	0.32	15.5	
11	09	64	15.5	BR	0013	36	59.9	76	21.0	3		5			*			03.0			R	21.48	F	08	U	0.21	15.5	
11	09	64	16.0	BR	0013	36	59.9	76	21.0	3		5			*	1.1		00.0	J	23.30	R	20.95	P	08	D	0.36	16.0	
11	09	64	16.0	BR	0013	36	59.9	76	21.0	3		5			*	1.1		02.0	J	25.90	R	21.13	F	08	U	0.30	16.0	
11	09	64	16.0	BR	0013	36	59.9	76	21.0	3		5			*	1.1		03.0	J	25.70	R	21.21	F	08	U	0.23	16.0	
11	09	64	16.7	BR	0013	36	59.9	76	21.0	3		6			*	1.0		00.0	J	25.20	R	20.96	P	07	D	0.36	16.7	
11	09	64	16.7	BR	0013	36	59.9	76	21.0	3		6			*	1.0		02.0	J	26.30	R	20.97		*	U	0.37	16.7	
11	09	64	16.7	BR	0013	36	59.9	76	21.0	3		6			*	1.0		03.0	J	26.20	R	20.98		*	U	0.20	16.7	
11	09	64	17.3	BR	0013	36	59.9	76	21.0	3		6			*	1.0		00.0	J	26.20	R	20.96	P	07	D	0.24	17.3	
11	09	64	17.3	BR	0013	36	59.9	76	21.0	3		6			*	1.0		02.0	J	26.50	R	20.95		*	U	0.25	17.3	
11	09	64	17.3	BR	0013	36	59.9	76	21.0	3		6			*	1.0		03.0	J	26.50	R	20.95		*	U	0.30	17.3	
11	09	64	17.5	BR	0013	36	59.9	76	21.0	3		6			*	1.0		00.0			R	20.96	P	07	D	0.17	17.5	
11	09	64	17.5	BR	0013	36	59.9	76	21.0	3		6			*	1.0		02.0			R	20.96		*	U	0.25	17.5	
11	09	64	17.5	BR	0013	36	59.9	76	21.0	3		6			*	1.0		03.0			R	20.96		*	U	0.15	17.5	
11	09	64	18.0	BR	0013	36	59.9	76	21.0	3		7			*	1.3		00.0	J	26.60	R	20.98	P	08	D	0.11	18.1	
11	09	64	18.0	BR	0013	36	59.9	76	21.0	3		7			*	1.3		02.0	J	26.60	R	20.99		*	U	0.10	18.1	
11	09	64	18.0	BR	0013	36	59.9	76	21.0	3		7			*	1.3		03.0	J	26.60	R	20.98		*	U	0.09	18.1	
11	09	64	18.5	BR	0013	36	59.9	76	21.0	3		7			*			00.0			R	20.92	P	05	U	0.05	18.5	
11	09	64	18.5	BR	0013	36	59.9	76	21.0	3		7			*			02.0			R	20.99		*	U	0.08	18.5	
11	09	64	18.5	BR	0013	36	59.9	76	21.0	3		7			*			03.0			R	20.97		*	U	0.06	18.5	
11	09	64	19.0	BR	0013	36	59.9	76	21.0	3		8			*			00.0	J	26.64	R	20.92	P	05	U	0.05	19.0	
11	09	64	19.0	BR	0013	36	59.9	76	21.0	3		8			*			02.0	J	26.67	R	20.95		*	U	0.02	19.0	
11	09	64	19.0	BR	0013	36	59.9	76	21.0	3		8			*			03.0	J	26.67	R	20.98		*	U	0.03	19.0	
11	09	64	19.5	BR	0013	36	59.9	76	21.0	3		1			*			00.0			R	20.96		*	U	0.07	19.5	
11	09	64	19.5	BR	0013	36	59.9	76	21.0	3		1			*			02.0			R	21.00		*	U	0.12	19.5	
11	09	64	19.5	BR	0013	36	59.9	76	21.0	3		1			*			03.0			R	21.00		*	U	0.07	19.5	

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
11	09	64	07.5	LA	0013	36	58.8	76	20.3	17	8		*	*		00.0						*		*	*
11	09	64	07.5	LA	0013	36	58.8	76	20.3	17	8		*	*		04.0						*	S	0.02	07.5
11	09	64	07.5	LA	0013	36	58.8	76	20.3	17	8		*	*		08.0						*	S	0.06	07.5
11	09	64	07.5	LA	0013	36	58.8	76	20.3	17	8		*	*		10.0						*	S	0.05	07.5
11	09	64	07.5	LA	0013	36	58.8	76	20.3	17	8		*	*		12.0						*	S	0.07	07.6
11	09	64	07.5	LA	0013	36	58.8	76	20.3	17	8		*	*		16.0						*	S	0.16	07.6
11	09	64	08.0	LA	0013	36	58.8	76	20.3	17	8	26	21	02	1.2	00.0	T	25.50	R	21.26		*	D	0.17	08.1
11	09	64	08.0	LA	0013	36	58.8	76	20.3	17	8	26	21	02	1.2	04.0	T	25.40	R	21.44		*	S	0.10	08.0
11	09	64	08.0	LA	0013	36	58.8	76	20.3	17	8	26	21	02	1.2	08.0	T	25.40	R	21.59		*	S	0.09	08.0
11	09	64	08.0	LA	0013	36	58.8	76	20.3	17	8	26	21	02	1.2	10.0	T	25.40	R	21.59		*	S	0.09	08.0
11	09	64	08.0	LA	0013	36	58.8	76	20.3	17	8	26	21	02	1.2	12.0	T	25.30	R	21.70		*	S	0.11	07.9
11	09	64	08.0	LA	0013	36	58.8	76	20.3	17	8	26	21	02	1.2	16.0	T	25.30	R	21.93		*	S	0.14	07.9
11	09	64	08.0	LA	0013	36	58.8	76	20.3	17	8	26	21	02	1.2	18.0	T	25.30	R	21.95		*		*	*
11	09	64	08.5	LA	0013	36	58.8	76	20.3	17	1		*	*		00.0	T	25.40	R	21.18	D	22	D	0.17	08.6
11	09	64	08.5	LA	0013	36	58.8	76	20.3	17	*		*	*		04.0	T	25.40	R	21.38		*	S	0.18	08.5
11	09	64	08.5	LA	0013	36	58.8	76	20.3	17	*		*	*		08.0	T	25.40	R	21.52		*	S	0.16	08.5
11	09	64	08.5	LA	0013	36	58.8	76	20.3	17	*		*	*		10.0	T	25.40	R	21.56		*	S	0.20	08.5
11	09	64	08.5	LA	0013	36	58.8	76	20.3	17	*		*	*		12.0	T	25.40	R	21.56		*	S	0.18	08.5
11	09	64	08.5	LA	0013	36	58.8	76	20.3	17	1		*	*		16.0	T	25.30	R	21.91		*	S	0.21	08.5
11	09	64	08.9	LA	0013	36	58.8	76	20.3	17	1	26	23	02	1.2	00.0	T	25.70	R	20.54		*	D	0.13	08.9
11	09	64	08.9	LA	0013	36	58.8	76	20.3	17	1	26	23	02	1.2	04.0	T	25.40	R	21.39		*	S	0.25	09.0
11	09	64	08.9	LA	0013	36	58.8	76	20.3	17	1	26	23	02	1.2	08.0	T	25.40	R	21.83		*	S	0.35	09.0
11	09	64	08.9	LA	0013	36	58.8	76	20.3	17	1	26	23	02	1.2	10.0	T	25.40	R	21.92		*	S	0.45	09.0
11	09	64	08.9	LA	0013	36	58.8	76	20.3	17	1	26	23	02	1.2	12.0	T	25.40	R	21.97		*	S	0.40	09.1
11	09	64	08.9	LA	0013	36	58.8	76	20.3	17	1	26	23	02	1.2	16.0	T	25.30	R	22.03		*	S	0.16	09.1
11	09	64	09.5	LA	0013	36	58.8	76	20.3	16	1		*	*		00.0	T	25.60	R	21.15	D	23	D	0.17	09.6
11	09	64	09.5	LA	0013	36	58.8	76	20.3	16	1		*	*		04.0	T	25.60	R	21.30		*	S	0.42	09.6
11	09	64	09.5	LA	0013	36	58.8	76	20.3	16	1		*	*		08.0	T	25.40	R	21.89		*	S	0.50	09.5
11	09	64	09.5	LA	0013	36	58.8	76	20.3	16	1		*	*		12.0	T	25.40	R	22.00		*	S	0.48	09.5
11	09	64	09.5	LA	0013	36	58.8	76	20.3	16	1		*	*		16.0	T	25.40	R	22.00		*	S	0.35	09.5
11	09	64	10.0	LA	0013	36	58.8	76	20.3	17	1	28	22	01	1.2	00.0	T	25.90	R	20.99	D	22	D	0.30	10.0
11	09	64	10.0	LA	0013	36	58.8	76	20.3	17	1	28	22	01	1.2	04.0	T	25.60	R	21.44		*	S	0.60	10.0
11	09	64	10.0	LA	0013	36	58.8	76	20.3	17	1	28	22	01	1.2	08.0	T	25.40	R	22.06		*	S	0.50	10.0
11	09	64	10.0	LA	0013	36	58.8	76	20.3	17	1	28	22	01	1.2	12.0	T	20.40	R	22.09		*	S	0.48	10.1
11	09	64	10.0	LA	0013	36	58.8	76	20.3	17	1	28	22	01	1.2	16.0	T	25.40	R	22.22		*	S	0.40	10.1
11	09	64	10.5	LA	0013	36	58.8	76	20.3	17	1	30	*	00		00.0	T	25.70	R	21.20	D	21	D	0.51	10.6
11	09	64	10.5	LA	0013	36	58.8	76	20.3	17	1	30	*	00		04.0	T	25.60	R	21.54		*	S	0.70	10.6
11	09	64	10.5	LA	0013	36	58.8	76	20.3	17	1	30	*	00		08.0	T	25.70	R	22.40		*	S	0.70	10.5
11	09	64	10.5	LA	0013	36	58.8	76	20.3	17	1	30	*	00		12.0	T	25.70	R	22.46		*	S	0.50	10.5
11	09	64	10.5	LA	0013	36	58.8	76	20.3	17	1	30	*	00		16.0	T	25.70	R	22.46		*	S	0.50	10.5
11	09	64	11.0	LA	0013	36	58.8	76	20.3	18	2	30	*	00	1.2	00.0	T	26.70	R	21.14	D	22	D	0.76	11.0
11	09	64	11.0	LA	0013	36	58.8	76	20.3	18	2	30	*	00	1.2	04.0	T	25.80	R	21.93		*	S	0.90	11.0
11	09	64	11.0	LA	0013	36	58.8	76	20.3	18	2	30	*	00	1.2	08.0	T	25.80	R	22.22		*	S	0.70	11.0
11	09	64	11.0	LA	0013	36	58.8	76	20.3	18	2	30	*	00	1.2	12.0	T	25.70	R	22.30		*	S	0.60	11.1
11	09	64	11.0	LA	0013	36	58.8	76	20.3	18	2	30	*	00	1.2	16.0	T	25.50	R	22.32		*	S	0.50	11.1
11	09	64	11.5	LA	0013	36	58.8	76	20.3	18	2		*	00		00.0	T	25.80	R	21.42	D	21	D	0.61	11.6
11	09	64	11.5	LA	0013	36	58.8	76	20.3	18	2		*	00		04.0	T	25.70	R	22.16		*	S	0.90	11.6
11	09	64	11.5	LA	0013	36	58.8	76	20.3	18	2		*	00		08.0	T	25.80	R	22.15		*	S	0.60	11.6
11	09	64	11.5	LA	0013	36	58.8	76	20.3	18	2		*	00		12.0	T	25.60	R	22.28		*	S	0.60	11.5
11	09	64	11.5	LA	0013	36	58.8	76	20.3	18	2		*	00		16.0	T	25.50	R	22.26		*	S	0.50	11.5
11	09	64	12.0	LA	0013	36	58.8	76	20.3	18	2	29	*	00	1.2	00.0	T	26.40	R	21.33	D	21	D	0.61	12.0
11	09	64	12.0	LA	0013	36	58.8	76	20.3	18	2	29	*	00	1.2	04.0	T	25.70	R	22.15		*	S	0.90	12.0
11	09	64	12.0	LA	0013	36	58.8	76	20.3	18	2	29	*	00	1.2	08.0	T	25.60	R	22.20		*	S	0.80	12.0
11	09	64	12.0	LA	0013	36	58.8	76	20.3	18	2	29	*	00	1.2	12.0	T	25.70	R	22.25		*	S	0.70	12.1
11	09	64	12.0	LA	0013	36	58.8	76	20.3	18	2	29	*	00	1.2	16.0	T	25.50	R	22.26		*	S	0.50	12.1
11	09	64	12.5	LA	0013	36	58.8	76	20.3	18	3		*	*		00.0	T	26.80	R	21.18	D	21	D	0.61	12.6
11	09	64	12.5	LA	0013	36	58.8	76	20.3	18	3		*	*		04.0	T	25.80	R	22.18		*	S	0.60	12.6
11	09	64	12.5	LA	0013	36	58.8	76	20.3	18	3		*	*		08.0	T	25.70	R	22.24		*	S	0.60	12.5
11	09	64	12.5	LA	0013	36	58.8	76	20.3	18	3		*	*		12.0	T	25.80	R	22.21		*	S	0.50	12.5
11	09	64	12.5	LA	0013	36	58.8	76	20.3	18	3		*	*		16.0	T	25.70	R	22.20		*	S	0.50	12.5

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
11	09	64	13.0	LA	0013	36	58.8	76	20.3	18	3	33	*	00	1.1	00.0	T	26.90	R	21.30	D	21	D	0.35	13.0
11	09	64	13.0	LA	0013	36	58.8	76	20.3	18	3	33	*	00	1.1	04.0	T	25.80	R	22.18		*	S	0.60	13.0
11	09	64	13.0	LA	0013	36	58.8	76	20.3	18	3	33	*	00	1.1	08.0	T	25.50	R	22.25		*	S	0.60	13.0
11	09	64	13.0	LA	0013	36	58.8	76	20.3	18	3	33	*	00	1.1	12.0	T	25.50	R	22.31		*	S	0.50	13.1
11	09	64	13.0	LA	0013	36	58.8	76	20.3	18	3	33	*	00	1.1	16.0	T	25.70	R	22.31		*	S	0.43	13.1
11	09	64	13.5	LA	0013	36	58.8	76	20.3	18	3		*	*		00.0	T	26.80	R	21.34	D	24	D	0.26	13.6
11	09	64	13.5	LA	0013	36	58.8	76	20.3	18	3		*	*		04.0	T	25.80	R	22.20		*	S	0.50	13.5
11	09	64	13.5	LA	0013	36	58.8	76	20.3	18	3		*	*		08.0	T	25.80	R	22.31		*	S	0.49	13.5
11	09	64	13.5	LA	0013	36	58.8	76	20.3	18	3		*	*		12.0	T	25.70	R	22.47		*	S	0.45	13.5
11	09	64	13.5	LA	0013	36	58.8	76	20.3	18	3		*	*		16.0	T	25.50	R	22.42		*	S	0.38	13.5
11	09	64	14.0	LA	0013	36	58.8	76	20.3	18	3	27	*9	02	1.1	00.0	T	25.80	R	21.41	D	24	D	0.26	14.0
11	09	64	14.0	LA	0013	36	58.8	76	20.3	18	3	27	*9	02	1.1	04.0	T	25.90	R	22.18		*	S	0.50	14.0
11	09	64	14.0	LA	0013	36	58.8	76	20.3	18	3	27	*9	02	1.1	08.0	T	25.70	R	22.32		*	S	0.47	14.0
11	09	64	14.0	LA	0013	36	58.8	76	20.3	18	3	27	*9	02	1.1	12.0	T	25.70	R	22.43		*	S	0.47	14.1
11	09	64	14.0	LA	0013	36	58.8	76	20.3	18	3	27	*9	02	1.1	16.0	T	25.50	R	22.51		*	S	0.39	14.1
11	09	64	14.5	LA	0013	36	58.8	76	20.3	18	4		*	*		00.0	T	26.00	R	21.89	D	23	D	0.17	14.6
11	09	64	14.5	LA	0013	36	58.8	76	20.3	18	4		*	*		04.0	T	25.60	R	22.02		*	S	0.20	14.6
11	09	64	14.5	LA	0013	36	58.8	76	20.3	18	4		*	*		08.0	T	25.60	R	22.29		*	S	0.24	14.5
11	09	64	14.5	LA	0013	36	58.8	76	20.3	18	4		*	*		12.0	T	25.60	R	22.43		*	S	0.25	14.5
11	09	64	14.5	LA	0013	36	58.8	76	20.3	18	4		*	*		16.0	T	25.60	R	22.54		*	S	0.17	14.5
11	09	64	14.9	LA	0013	36	58.8	76	20.3	17	4	27	*8	04	1.1	00.0	T	26.30	R	21.68	D	02	D	0.17	15.0
11	09	64	14.9	LA	0013	36	58.8	76	20.3	17	4	27	*8	04	1.1	04.0	T	25.60	R	22.17		*	S	0.05	15.0
11	09	64	14.9	LA	0013	36	58.8	76	20.3	17	4	27	*8	04	1.1	08.0	T	25.60	R	22.37		*	S	0.07	15.0
11	09	64	14.9	LA	0013	36	58.8	76	20.3	17	4	27	*8	04	1.1	12.0	T	25.60	R	22.40		*	S	0.10	14.9
11	09	64	14.9	LA	0013	36	58.8	76	20.3	17	4	27	*8	04	1.1	16.0	T	25.50	R	22.56		*	S	0.09	14.9
11	09	64	15.5	LA	0013	36	58.8	76	20.3	17	5		*	*		00.0	T	26.30	R	21.43	D	04	D	0.30	15.6
11	09	64	15.5	LA	0013	36	58.8	76	20.3	17	5		*	*		04.0	T	25.90	R	21.86		*	S	0.17	15.6
11	09	64	15.5	LA	0013	36	58.8	76	20.3	17	5		*	*		08.0	T	25.70	R	22.01		*	S	0.16	15.6
11	09	64	15.5	LA	0013	36	58.8	76	20.3	17	5		*	*		12.0	T	25.50	R	22.27		*	S	0.09	15.5
11	09	64	15.5	LA	0013	36	58.8	76	20.3	17	5		*	*		16.0	T	25.50	R	22.52		*	S	0.18	15.5
11	09	64	16.0	LA	0013	36	58.8	76	20.3	17	5	27	15	04	1.2	00.0	T	26.30	R	21.69	D	04	D	0.30	16.0
11	09	64	16.0	LA	0013	36	58.8	76	20.3	17	5	27	15	04	1.2	04.0	T	26.10	R	19.92		*	S	0.33	16.0
11	09	64	16.0	LA	0013	36	58.8	76	20.3	17	5	27	15	04	1.2	08.0	T	25.90	R	21.90		*	S	0.40	16.0
11	09	64	16.0	LA	0013	36	58.8	76	20.3	17	5	27	15	04	1.2	12.0	T	25.70	R	22.25		*	S	0.30	16.0
11	09	64	16.0	LA	0013	36	58.8	76	20.3	17	5	27	15	04	1.2	16.0	T	25.60	R	22.49		*	S	0.25	16.0
11	09	64	16.5	LA	0013	36	58.8	76	20.3	17	5		*	*		00.0	T	26.30	R	21.39	D	04	D	0.38	16.6
11	09	64	16.5	LA	0013	36	58.8	76	20.3	17	5		*	*		04.0	T	26.00	R	22.37		*	S	0.48	16.5
11	09	64	16.5	LA	0013	36	58.8	76	20.3	17	5		*	*		08.0	T	25.80	R	21.79		*	S	0.49	16.5
11	09	64	16.5	LA	0013	36	58.8	76	20.3	17	5		*	*		12.0	T	25.60	R	22.19		*	S	0.49	16.5
11	09	64	16.5	LA	0013	36	58.8	76	20.3	17	5		*	*		16.0	T	25.70	R	22.36		*	S	0.22	16.5
11	09	64	17.0	LA	0013	36	58.8	76	20.3	17	6	27	14	06	1.1	00.0	T	26.16	R	21.66	D	04	D	0.40	17.0
11	09	64	17.0	LA	0013	36	58.8	76	20.3	17	6	27	14	06	1.1	04.0	T	26.00	R	21.82		*	S	0.50	17.0
11	09	64	17.0	LA	0013	36	58.8	76	20.3	17	6	27	14	06	1.1	08.0	T	25.80	R	21.85		*	S	0.60	17.0
11	09	64	17.0	LA	0013	36	58.8	76	20.3	17	6	27	14	06	1.1	12.0	T	25.60	R	21.11		*	S	0.44	17.1
11	09	64	17.0	LA	0013	36	58.8	76	20.3	17	6	27	14	06	1.1	16.0	T	25.50	R	22.28		*	S	0.36	17.1
11	09	64	17.5	LA	0013	36	58.8	76	20.3	17	6		*	*		00.0	T	26.00	R	21.77	D	03	D	0.51	17.6
11	09	64	17.5	LA	0013	36	58.8	76	20.3	17	6		*	*		04.0	T	25.80	R	21.78		*	S	0.50	17.6
11	09	64	17.5	LA	0013	36	58.8	76	20.3	17	6		*	*		08.0	T	25.60	R	22.06		*	S	0.46	17.5
11	09	64	17.5	LA	0013	36	58.8	76	20.3	17	6		*	*		12.0	T	25.50	R	22.21		*	S	0.36	17.5
11	09	64	17.5	LA	0013	36	58.8	76	20.3	17	6		*	*		16.0	T	25.50	R	22.26		*	S	0.35	17.5
11	09	64	18.0	LA	0013	36	58.8	76	20.3	17	6	27	17	05	1.0	00.0	T	26.20	R	21.28	D	04	D	0.61	18.0
11	09	64	18.0	LA	0013	36	58.8	76	20.3	17	6	27	17	05	1.0	04.0	T	26.10	R	21.62		*	S	0.60	18.0
11	09	64	18.0	LA	0013	36	58.8	76	20.3	17	6	27	17	05	1.0	08.0	T	26.00	R	21.78		*	S	0.50	18.0
11	09	64	18.0	LA	0013	36	58.8	76	20.3	17	6	27	17	05	1.0	12.0	T	25.80	R	21.90		*	S	0.41	18.1
11	09	64	18.0	LA	0013	36	58.8	76	20.3	17	6	27	17	05	1.0	16.0	T	25.50	R	22.08		*	S	0.28	18.1

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
11	09	64	18.5	LA	0013	36	58.8	76	20.3	17		7		*	*			00.0	T	25.80	R	21.76	D	31	D	0.25	18.6	
11	09	64	18.5	LA	0013	36	58.8	76	20.3	17		7		*	*			04.0	T	25.70	R	21.80		*	S	0.38	18.6	
11	09	64	18.5	LA	0013	36	58.8	76	20.3	17		7		*	*			08.0	T	25.60	R	21.85		*	S	0.32	18.5	
11	09	64	18.5	LA	0013	36	58.8	76	20.3	17		7		*	*			12.0	T	25.50	R	22.00		*	S	0.25	18.5	
11	09	64	18.5	LA	0013	36	58.8	76	20.3	17		7		*	*			16.0	T	25.40	R	22.21		*	S	0.19	18.5	
11	09	64	19.0	LA	0013	36	58.8	76	20.3	17		7	27	22	03			00.0	T	25.80	R	21.79	D	32	D	0.19	19.0	
11	09	64	19.0	LA	0013	36	58.8	76	20.3	17		7	27	22	03			04.0	T	25.80	R	21.79		*	S	0.23	19.0	
11	09	64	19.0	LA	0013	36	58.8	76	20.3	17		7	27	22	03			08.0	T	25.70	R	21.85		*	S	0.22	19.0	
11	09	64	19.0	LA	0013	36	58.8	76	20.3	17		7	27	22	03			12.0	T	25.60	R	21.92		*	S	0.24	19.1	
11	09	64	19.0	LA	0013	36	58.8	76	20.3	17		7	27	22	03			16.0	T	25.40	R	22.16		*	S	0.18	19.1	
11	09	64	19.5	LA	0013	36	58.8	76	20.3	17		7		*	*			00.0	T	25.80	R	21.79	D	33	D	0.09	19.6	
11	09	64	19.5	LA	0013	36	58.8	76	20.3	17		7		*	*			04.0	T	25.60	R	21.83		*		0.14	19.6	
11	09	64	19.5	LA	0013	36	58.8	76	20.3	17		7		*	*			08.0	T	25.50	R	21.93		*	S	0.14	19.5	
11	09	64	19.5	LA	0013	36	58.8	76	20.3	17		7		*	*			12.0	T	25.40	R	22.07		*	S	0.11	19.5	
11	09	64	19.5	LA	0013	36	58.8	76	20.3	17		7		*	*			16.0	T	25.30	R	22.11		*	S	0.03	19.5	
11	09	64	20.0	LA	0013	36	58.8	76	20.3	17		8	26	22	05			00.0						*		*	20.0	
11	09	64	20.0	LA	0013	36	58.8	76	20.3	17		8	26	22	05			04.0						*	S	0.08	20.0	
11	09	64	20.0	LA	0013	36	58.8	76	20.3	17		8	26	22	05			08.0						*	S	0.07	20.0	
11	09	64	20.0	LA	0013	36	58.8	76	20.3	17		8	26	22	05			12.0						*	S	0.03	20.1	
11	09	64	20.0	LA	0013	36	58.8	76	20.3	17		8	26	22	05			16.0						*	S	0.08	20.1	
11	09	64	20.5	LA	0013	36	58.8	76	20.3	17		8		*	*			00.0						*		*	*	
11	09	64	20.5	LA	0013	36	58.8	76	20.3	17		8		*	*			04.0						*	S	0.06	20.5	
11	09	64	20.5	LA	0013	36	58.8	76	20.3	17		8		*	*			08.0						*	S	0.03	20.5	
11	09	64	20.5	LA	0013	36	58.8	76	20.3	17		8		*	*			12.0						*	S	0.02	20.5	
11	09	64	20.5	LA	0013	36	58.8	76	20.3	17		8		*	*			16.0						*	S	0.09	20.5	

Cruise 0013

Stations:

9
5
6
7
8

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
10	09	64	07.0	PA	0013	36	57.4	76	25.2	18		6		*	*	1.3		00.0					T	14	T	0.60	07.1	
10	09	64	07.0	PA	0013	36	57.4	76	25.2	18		6		*	*	1.3		00.0	C	25.20	C	19.60	P	14	D	0.38	07.4	
10	09	64	07.0	PA	0013	36	57.4	76	25.2	18		6		*	*	1.3		04.0	C	25.16	C	20.14	T	15	T	0.48	07.2	
10	09	64	07.0	PA	0013	36	57.4	76	25.2	18		6		*	*	1.3		08.0	C	25.11	C	20.41	T	16	T	0.34	07.2	
10	09	64	07.0	PA	0013	36	57.4	76	25.2	18		6		*	*	1.3		10.0	C	25.11	C	20.43	T	17	T	0.23	07.3	
10	09	64	07.0	PA	0013	36	57.4	76	25.2	18		6		*	*	1.3		12.0	C	25.11	C	20.46	T	17	T	0.12	07.3	
10	09	64	07.0	PA	0013	36	57.4	76	25.2	18		6		*	*	1.3		14.0	C	25.10	C	20.49	T	17	T	0.10	07.3	
10	09	64	07.0	PA	0013	36	57.4	76	25.2	18		6		*	*	1.3		18.0	C	25.10	C	20.53	T	16	T	0.10	07.4	
10	09	64	07.5	PA	0013	36	57.4	76	25.2	18		7		*	*			00.0	C	25.22	C	19.73	P	15	D	0.26	07.8	
10	09	64	07.5	PA	0013	36	57.4	76	25.2	18		7		*	*			04.0	C	25.14	C	20.04	T	14	T	0.22	07.7	
10	09	64	07.5	PA	0013	36	57.4	76	25.2	18		7		*	*			08.0	C	25.12	C	20.34	T	17	T	0.10	07.7	
10	09	64	07.5	PA	0013	36	57.4	76	25.2	18		7		*	*			10.0	C	25.10	C	20.42	T	18	T	0.07	07.7	
10	09	64	07.5	PA	0013	36	57.4	76	25.2	18		7		*	*			12.0	C	25.08	C	20.47	T	26	T	0.05	07.7	
10	09	64	07.5	PA	0013	36	57.4	76	25.2	18		7		*	*			14.0	C	25.05	C	20.58	T	28	T	0.12	07.8	
10	09	64	07.5	PA	0013	36	57.4	76	25.2	18		7		*	*			18.0	C	25.02	C	20.67	T	29	T	0.17	07.6	
10	09	64	08.0	PA	0013	36	57.4	76	25.2	18		7		*	*	1.3		00.0	C	25.26	C	19.72	P	17	D	0.13	08.2	
10	09	64	08.0	PA	0013	36	57.4	76	25.2	18		7		*	*	1.3		04.0	C	25.12	C	20.41	T	17	T	0.03	08.1	
10	09	64	08.0	PA	0013	36	57.4	76	25.2	18		7		*	*	1.3		08.0	C	25.09	C	20.57	T	29	T	0.05	08.1	
10	09	64	08.0	PA	0013	36	57.4	76	25.2	18		7		*	*	1.3		10.0	C	25.08	C	20.57	T	29	T	0.10	08.1	
10	09	64	08.0	PA	0013	36	57.4	76	25.2	18		7		*	*	1.3		12.0	C	25.08	C	20.58	T	31	T	0.13	08.1	
10	09	64	08.0	PA	0013	36	57.4	76	25.2	18		7		*	*	1.3		14.0	C	25.08	C	20.61	T	30	T	0.18	08.1	
10	09	64	08.0	PA	0013	36	57.4	76	25.2	18		7		*	*	1.3		18.0	C	25.05	C	20.65	T	28	T	0.21	08.1	
10	09	64	08.5	PA	0013	36	57.4	76	25.2	18		8		*	*			00.0	C	25.28	C	19.84	P	29	D	0.00	08.7	
10	09	64	08.5	PA	0013	36	57.4	76	25.2	18		8		*	*			04.0	C	25.11	C	20.34	T	32	T	0.19	08.6	
10	09	64	08.5	PA	0013	36	57.4	76	25.2	18		8		*	*			08.0	C	25.10	C	20.38	T	33	T	0.34	08.6	
10	09	64	08.5	PA	0013	36	57.4	76	25.2	18		8		*	*			10.0	C	25.08	C	20.43	T	31	T	0.38	08.6	
10	09	64	08.5	PA	0013	36	57.4	76	25.2	18		8		*	*			12.0	C	25.05	C	20.52	T	31	T	0.34	08.7	
10	09	64	08.5	PA	0013	36	57.4	76	25.2	18		8		*	*			14.0	C	25.05	C	20.53	T	30	T	0.33	08.7	
10	09	64	08.5	PA	0013	36	57.4	76	25.2	18		8		*	*			18.0	C	25.05	C	20.55	T	30	T	0.33	08.7	
10	09	64	09.0	PA	0013	36	57.4	76	25.2	18		1	28	*	02	1.6		00.0	C	25.36	C	19.97	P	31	D	0.39	09.2	
10	09	64	09.0	PA	0013	36	57.4	76	25.2	18		1	28	*	02	1.6		04.0	C	25.08	C	20.54	T	31	T	0.50	09.2	
10	09	64	09.0	PA	0013	36	57.4	76	25.2	18		1	28	*	02	1.6		08.0	C	25.04	C	20.70	T	30	T	0.50	09.2	
10	09	64	09.0	PA	0013	36	57.4	76	25.2	18		1	28	*	02	1.6		10.0	C	24.99	C	20.80	T	31	T	0.50	09.2	
10	09	64	09.0	PA	0013	36	57.4	76	25.2	18		1	28	*	02	1.6		12.0	C	24.99	C	20.83	T	30	T	0.50	09.1	
10	09	64	09.0	PA	0013	36	57.4	76	25.2	18		1	28	*	02	1.6		14.0	C	24.98	C	20.85	T	31	T	0.47	09.1	
10	09	64	09.0	PA	0013	36	57.4	76	25.2	18		1	28	*	02	1.6		18.0	C	24.98	C	20.91	T	31	T	0.31	09.1	
10	09	64	09.5	PA	0013	36	57.4	76	25.2	18		2		*	*			00.0	C	25.19	C	20.62	P	31	D	0.63	09.7	
10	09	64	09.5	PA	0013	36	57.4	76	25.2	18		2		*	*			04.0	C	25.17	C	20.61	T	30	T	0.70	09.6	
10	09	64	09.5	PA	0013	36	57.4	76	25.2	18		2		*	*			08.0	C	25.10	C	20.68	T	31	T	0.62	09.6	
10	09	64	09.5	PA	0013	36	57.4	76	25.2	18		2		*	*			10.0	C	25.10	C	20.71	T	31	T	0.61	09.6	
10	09	64	09.5	PA	0013	36	57.4	76	25.2	18		2		*	*			12.0	C	25.06	C	20.73	T	31	T	0.50	09.6	
10	09	64	09.5	PA	0013	36	57.4	76	25.2	18		2		*	*			14.0	C	25.04	C	20.75	T	32	T	0.50	09.7	
10	09	64	09.5	PA	0013	36	57.4	76	25.2	18		2		*	*			18.0	C	25.00	C	20.85	T	32	T	0.48	09.7	
10	09	64	10.0	PA	0013	36	57.4	76	25.2	18		2	27	*7	05	1.5		00.0	C	25.09	C	20.83	P	31	D	0.71	10.2	
10	09	64	10.0	PA	0013	36	57.4	76	25.2	18		2	27	*7	05	1.5		04.0	C	25.06	C	20.90	T	31	T	0.75	10.1	
10	09	64	10.0	PA	0013	36	57.4	76	25.2	18		2	27	*7	05	1.5		08.0	C	25.06	C	20.90	T	32	T	0.80	10.1	
10	09	64	10.0	PA	0013	36	57.4	76	25.2	18		2	27	*7	05	1.5		10.0	C	25.06	C	20.90	T	31	T	0.65	10.1	
10	09	64	10.0	PA	0013	36	57.4	76	25.2	18		2	27	*7	05	1.5		12.0	C	25.05	C	20.91	T	32	T	0.70	10.1	
10	09	64	10.0	PA	0013	36	57.4	76	25.2	18		2	27	*7	05	1.5		14.0	C	25.04	C	20.91	T	33	T	0.60	10.1	
10	09	64	10.0	PA	0013	36	57.4	76	25.2	18		2	27	*7	05	1.5		18.0	C	25.04	C	20.97	T	32	T	0.44	10.1	
10	09	64	10.5	PA	0013	36	57.4	76	25.2	18		2		*	*			00.0	C	25.07	C	21.18	P	31	D	0.76	10.7	
10	09	64	10.5	PA	0013	36	57.4	76	25.2	18		2		*	*			04.0	C	25.06	C	21.13	T	31	T	0.80	10.6	
10	09	64	10.5	PA	0013	36	57.4	76	25.2	18		2		*	*			08.0	C	25.06	C	21.10	T	32	T	0.60	10.6	
10	09	64	10.5	PA	0013	36	57.4	76	25.2	18		2		*	*			10.0	C	25.06	C	21.10	T	31	T	0.70	10.6	
10	09	64	10.5	PA	0013	36	57.4	76	25.2	18		2		*	*			12.0	C	25.06	C	21.09	T	31	T	0.70	10.6	
10	09	64	10.5	PA	0013	36	57.4	76	25.2	18		2		*	*			14.0	C	25.07	C	21.09	T	31	T	0.65	10.6	
10	09	64	10.5	PA	0013	36	57.4	76	25.2	18		2		*	*			18.0	C	25.07	C	21.09	T	32	T	0.50	10.7	
10	09	64	11.0	PA	0013	36	57.4	76	25.2	18		2	28	*7	03	1.5		00.0	C	25.19	C	21.06	P	31	D	0.66	11.1	
10	09	64	11.0	PA	0013	36	57.4	76	25.2	18		2	28	*7	03	1.5		04.0	C	25.14	C	21.09	T	31	T	0.70	11.1	
10	09	64	11.0	PA	0013	36	57.4	76	25.2	18		2	28	*7	03	1.5		08.0	C	25.12	C	21.09	T	31	T	0.65	11.1	
10	09	64	11.0	PA	0013	36	57.4	76	25.2	18		2	28	*7	03	1.5		10.0	C	25.10	C	21.09	T	31	T	0.65	11.1	
10	09	64	11.0	PA	0013	36	57.4	76	25.2	18		2	28	*7	03	1.5		12.0	C	25.10	C	21.08	T	31	T	0.60	11.1	
10	09	64	11.0	PA	0013	36	57.4	76	25.2	18		2	28	*7	03	1.5		14.0	C	25.10	C	21.09	T	32	T	0.60	11.1	
10	09	64	11.0	PA	0013	36	57.4	76	25.2	18		2	28	*7	03	1.5		18.0	C	25.10	C	21.11	T	31	T	0.46	11.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
10	09	64	11.5	PA	0013	36	57.4	76	25.2	18		*		*	*			00.0	C	25.20	C	20.92	P	31	D	0.58	11.6	
10	09	64	11.5	PA	0013	36	57.4	76	25.2	18		*		*	*			04.0	C	25.14	C	20.95	T	30	T	0.70	11.6	
10	09	64	11.5	PA	0013	36	57.4	76	25.2	18		*		*	*			08.0	C	25.11	C	20.99	T	31	T	0.65	11.6	
10	09	64	11.5	PA	0013	36	57.4	76	25.2	18		*		*	*			10.0	C	25.11	C	21.01	T	31	T	0.65	11.6	
10	09	64	11.5	PA	0013	36	57.4	76	25.2	18		*		*	*			12.0	C	25.12	C	21.03	T	32	T	0.62	11.6	
10	09	64	11.5	PA	0013	36	57.4	76	25.2	18		*		*	*			14.0	C	25.10	C	21.04	T	32	T	0.60	11.6	
10	09	64	11.5	PA	0013	36	57.4	76	25.2	18		*		*	*			18.0	C	25.10	C	21.04	T	32	T	0.49	11.6	
10	09	64	12.0	PA	0013	36	57.4	76	25.2	18		2		*	*	1.2		00.0	C	25.28	C	21.10	P	31	D	0.48	12.2	
10	09	64	12.0	PA	0013	36	57.4	76	25.2	18		2		*	*	1.2		04.0	C	25.12	C	21.17	T	31	T	0.55	12.1	
10	09	64	12.0	PA	0013	36	57.4	76	25.2	18		2		*	*	1.2		08.0	C	25.22	C	21.12	T	31	T	0.55	12.1	
10	09	64	12.0	PA	0013	36	57.4	76	25.2	18		2		*	*	1.2		10.0	C	25.18	C	21.14	T	31	T	0.55	12.1	
10	09	64	12.0	PA	0013	36	57.4	76	25.2	18		2		*	*	1.2		12.0	C	25.20	C	21.07	T	32	T	0.60	12.0	
10	09	64	12.0	PA	0013	36	57.4	76	25.2	18		2		*	*	1.2		14.0	C	25.14	C	21.10	T	31	T	0.60	12.0	
10	09	64	12.0	PA	0013	36	57.4	76	25.2	18		2		*	*	1.2		18.0	C	25.12	C	21.11	T	31	T	0.50	12.0	
10	09	64	12.5	PA	0013	36	57.4	76	25.2	18		2		*	*			00.0	C	25.40	C	20.91	P	30	D	0.34	12.7	
10	09	64	12.5	PA	0013	36	57.4	76	25.2	18		2		*	*			04.0	C	25.30	C	20.99	T	30	T	0.50	12.5	
10	09	64	12.5	PA	0013	36	57.4	76	25.2	18		2		*	*			08.0	C	25.22	C	21.07	T	31	T	0.52	12.5	
10	09	64	12.5	PA	0013	36	57.4	76	25.2	18		2		*	*			10.0	C	25.20	C	21.08	T	32	T	0.50	12.6	
10	09	64	12.5	PA	0013	36	57.4	76	25.2	18		2		*	*			12.0	C	25.22	C	21.10	T	32	T	0.45	12.6	
10	09	64	12.5	PA	0013	36	57.4	76	25.2	18		2		*	*			14.0	C	25.20	C	21.11	T	32	T	0.45	12.6	
10	09	64	12.5	PA	0013	36	57.4	76	25.2	18		2		*	*			18.0	C	25.20	C	21.11	T	33	T	0.35	12.7	
10	09	64	13.0	PA	0013	36	57.4	76	25.2	18		3		*	*	1.2		00.0	C	25.52	C	20.88	P	29	D	0.16	13.3	
10	09	64	13.0	PA	0013	36	57.4	76	25.2	18		3		*	*	1.2		04.0	C	25.34	C	21.08	T	31	T	0.30	13.2	
10	09	64	13.0	PA	0013	36	57.4	76	25.2	18		3		*	*	1.2		08.0	C	25.28	C	21.13	T	32	T	0.25	13.2	
10	09	64	13.0	PA	0013	36	57.4	76	25.2	18		3		*	*	1.2		10.0	C	25.22	C	21.15	T	32	T	0.21	13.2	
10	09	64	13.0	PA	0013	36	57.4	76	25.2	18		3		*	*	1.2		12.0	C	25.21	C	21.16	T	32	T	0.24	13.2	
10	09	64	13.0	PA	0013	36	57.4	76	25.2	18		3		*	*	1.2		14.0	C	25.21	C	21.08	T	31	T	0.28	13.2	
10	09	64	13.0	PA	0013	36	57.4	76	25.2	18		3		*	*	1.2		18.0	C	25.22	C	21.07	T	30	T	0.15	13.1	
10	09	64	13.5	PA	0013	36	57.4	76	25.2	18		3		*	*			00.0	C	25.38	C	21.06	P	24	D	0.12	13.9	
10	09	64	13.5	PA	0013	36	57.4	76	25.2	18		3		*	*			04.0	C	25.34	C	21.07	T	30	T	0.16	13.5	
10	09	64	13.5	PA	0013	36	57.4	76	25.2	18		3		*	*			08.0	C	25.36	C	21.07	T	32	T	0.10	13.6	
10	09	64	13.5	PA	0013	36	57.4	76	25.2	18		3		*	*			10.0	C	25.28	C	21.10	T	36	T	0.09	13.6	
10	09	64	13.5	PA	0013	36	57.4	76	25.2	18		3		*	*			12.0	C	25.22	C	21.15	T	03	T	0.10	13.6	
10	09	64	13.5	PA	0013	36	57.4	76	25.2	18		3		*	*			14.0	C	25.22	C	21.13	T	35	T	0.05	13.7	
10	09	64	13.5	PA	0013	36	57.4	76	25.2	18		3		*	*			18.0	C	25.22	C	21.12	T	32	T	0.05	13.7	
10	09	64	14.0	PA	0013	36	57.4	76	25.2	18		4		*	*	1.2		00.0	C	25.66	C	20.93	P	20	D	0.10	14.4	
10	09	64	14.0	PA	0013	36	57.4	76	25.2	18		4		*	*	1.2		04.0	C	25.64	C	20.94	T	17	T	0.07	14.2	
10	09	64	14.0	PA	0013	36	57.4	76	25.2	18		4		*	*	1.2		08.0	C	25.46	C	21.02	T	18	T	0.05	14.2	
10	09	64	14.0	PA	0013	36	57.4	76	25.2	18		4		*	*	1.2		10.0	C	25.40	C	21.06	T	10	T	0.07	14.2	
10	09	64	14.0	PA	0013	36	57.4	76	25.2	18		4		*	*	1.2		12.0	C	25.32	C	33.87	T	10	T	0.11	14.2	
10	09	64	14.0	PA	0013	36	57.4	76	25.2	18		4		*	*	1.2		14.0	C	25.30	C	21.10	T	14	T	0.10	14.2	
10	09	64	14.0	PA	0013	36	57.4	76	25.2	18		4		*	*	1.2		18.0	C	25.22	C	21.14	T	16	T	0.13	14.3	
10	09	64	14.5	PA	0013	36	57.4	76	25.2	17		5		*	*	1.2		00.0	C	25.64	C	21.07	P	14	D	0.21	14.8	
10	09	64	14.5	PA	0013	36	57.4	76	25.2	17		5		*	*	1.2		04.0	C	25.98	C	20.85	T	13	T	0.22	14.7	
10	09	64	14.5	PA	0013	36	57.4	76	25.2	17		5		*	*	1.2		08.0	C	25.38	C	21.11	T	14	T	0.25	14.7	
10	09	64	14.5	PA	0013	36	57.4	76	25.2	17		5		*	*	1.2		10.0	C	25.36	C	21.03	T	14	T	0.27	14.7	
10	09	64	14.5	PA	0013	36	57.4	76	25.2	17		5		*	*	1.2		12.0	C	25.32	C	21.05	T	14	T	0.26	14.7	
10	09	64	14.5	PA	0013	36	57.4	76	25.2	17		5		*	*	1.2		14.0	C	25.24	C	21.08	T	14	T	0.25	14.7	
10	09	64	14.5	PA	0013	36	57.4	76	25.2	17		5		*	*	1.2		17.0	C	25.20	C	21.10	T	16	T	0.22	14.7	
10	09	64	15.0	PA	0013	36	57.4	76	25.2	17		5	29	*	*			00.0	C	25.52	C	20.86	P	13	D	0.38	15.4	
10	09	64	15.0	PA	0013	36	57.4	76	25.2	17		5	29	*	*			04.0	C	25.30	C	20.88	T	13	T	0.45	15.2	
10	09	64	15.0	PA	0013	36	57.4	76	25.2	17		5	29	*	*			08.0	C	25.13	C	20.90	T	13	T	0.42	15.2	
10	09	64	15.0	PA	0013	36	57.4	76	25.2	17		5	29	*	*			10.0	C	25.16	C	20.90	T	14	T	0.40	15.2	
10	09	64	15.0	PA	0013	36	57.4	76	25.2	17		5	29	*	*			12.0	C	25.16	C	21.05	T	14	T	0.38	15.2	
10	09	64	15.0	PA	0013	36	57.4	76	25.2	17		5	29	*	*			14.0	C	25.18	C	21.10	T	14	T	0.38	15.2	
10	09	64	15.0	PA	0013	36	57.4	76	25.2	17		5	29	*	*			17.0	C	25.20	C	21.16	T	15	T	0.25	15.3	
10	09	64	15.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		00.0	C	25.58	C	20.82	P	14	D	0.51	15.8	
10	09	64	15.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		04.0	C	25.54	C	20.84	T	14	T	0.50	15.7	
10	09	64	15.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		08.0	C	25.48	C	20.90	T	14	T	0.50	15.7	
10	09	64	15.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		10.0	C	25.38	C	20.95	T	14	T	0.43	15.7	
10	09	64	15.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		12.0	C	25.26	C	21.00	T	14	T	0.42	15.7	
10	09	64	15.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		14.0	C	25.24	C	21.02	T	14	T	0.40	15.7	
10	09	64	15.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		17.0	C	25.24	C	21.05	T	15	T	0.32	15.7	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
10	09	64	16.0	PA	0013	36	57.4	76	25.2	17		6		*	*			00.0	C	25.52	C	20.80	P	14	D	0.53	16.2		
10	09	64	16.0	PA	0013	36	57.4	76	25.2	17		6		*	*			04.0	C	25.42	C	20.82	T	14	T	0.62	16.2		
10	09	64	16.0	PA	0013	36	57.4	76	25.2	17		6		*	*			08.0	C	25.38	C	20.84	T	14	T	0.62	16.2		
10	09	64	16.0	PA	0013	36	57.4	76	25.2	17		6		*	*			10.0	C	25.28	C	20.85	T	13	T	0.50	16.2		
10	09	64	16.0	PA	0013	36	57.4	76	25.2	17		6		*	*			12.0	C	25.18	C	20.98	T	13	T	0.45	16.2		
10	09	64	16.0	PA	0013	36	57.4	76	25.2	17		6		*	*			14.0	C	25.18	C	21.05	T	14	T	0.42	16.2		
10	09	64	16.0	PA	0013	36	57.4	76	25.2	17		6		*	*			17.0	C	25.19	C	21.11	T	15	T	0.27	16.3		
10	09	64	16.5	PA	0013	36	57.4	76	25.2	17		6		*	*			00.0	C	25.52	C	20.71	P	14	D	0.61	16.8		
10	09	64	16.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		04.0	C	25.32	C	20.80	T	14	T	0.60	16.6		
10	09	64	16.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		08.0	C	25.30	C	20.84	T	14	T	0.58	16.6		
10	09	64	16.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		10.0	C	25.29	C	20.85	T	14	T	0.56	16.6		
10	09	64	16.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		12.0	C	25.28	C	20.85	T	14	T	0.50	16.6		
10	09	64	16.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		14.0	C	25.26	C	20.89	T	13	T	0.50	16.6		
10	09	64	16.5	PA	0013	36	57.4	76	25.2	17		6		*	*	1.0		17.0	C	25.24	C	20.90	T	15	T	0.40	16.7		
10	09	64	17.0	PA	0013	36	57.4	76	25.2	18		6	30	*	*	1.0		00.0	C	25.52	C	20.80	P	13	D	0.73	17.2		
10	09	64	17.0	PA	0013	36	57.4	76	25.2	18		6	30	*	*	1.0		04.0	C	25.29	C	20.91	T	14	T	0.65	17.1		
10	09	64	17.0	PA	0013	36	57.4	76	25.2	18		6	30	*	*	1.0		08.0	C	25.29	C	20.91	T	14	T	0.60	17.1		
10	09	64	17.0	PA	0013	36	57.4	76	25.2	18		6	30	*	*	1.0		10.0	C	25.25	C	20.93	T	15	T	0.50	17.1		
10	09	64	17.0	PA	0013	36	57.4	76	25.2	18		6	30	*	*	1.0		12.0	C	25.25	C	20.93	T	13	T	0.50	17.1		
10	09	64	17.0	PA	0013	36	57.4	76	25.2	18		6	30	*	*	1.0		14.0	C	25.26	C	20.93	T	14	T	0.42	17.1		
10	09	64	17.0	PA	0013	36	57.4	76	25.2	18		6	30	*	*	1.0		17.0	C	25.25	C	20.93	T	14	T	0.39	17.1		
10	09	64	17.5	PA	0013	36	57.4	76	25.2	18		6		*	*			00.0	C	25.56	C	20.67	P	14	D	0.76	17.6		
10	09	64	17.5	PA	0013	36	57.4	76	25.2	18		6		*	*			04.0	C	25.36	C	20.77	T	14	T	0.72	17.5		
10	09	64	17.5	PA	0013	36	57.4	76	25.2	18		6		*	*			08.0	C	25.34	C	20.80	T	14	T	0.50	17.5		
10	09	64	17.5	PA	0013	36	57.4	76	25.2	18		6		*	*			10.0	C	25.32	C	20.83	T	14	T	0.62	17.5		
10	09	64	17.5	PA	0013	36	57.4	76	25.2	18		6		*	*			12.0	C	25.29	C	20.88	T	14	T	0.54	17.5		
10	09	64	17.5	PA	0013	36	57.4	76	25.2	18		6		*	*			14.0	C	25.24	C	20.93	T	14	T	0.45	17.5		
10	09	64	17.5	PA	0013	36	57.4	76	25.2	18		6		*	*			18.0	C	25.22	C	20.94	T	14	T	0.35	17.6		
10	09	64	18.0	PA	0013	36	57.4	76	25.2	18		6		*	*			00.0	C	25.70	C	20.54	P	14	D	0.73	18.1		
10	09	64	18.0	PA	0013	36	57.4	76	25.2	18		6		*	*			04.0	C	25.42	C	20.67	T	14	T	0.70	18.1		
10	09	64	18.0	PA	0013	36	57.4	76	25.2	18		6		*	*			08.0	C	25.37	C	20.74	T	14	T	0.50	18.1		
10	09	64	18.0	PA	0013	36	57.4	76	25.2	18		6		*	*			10.0	C	25.36	C	20.77	T	14	T	0.50	18.1		
10	09	64	18.0	PA	0013	36	57.4	76	25.2	18		6		*	*			12.0	C	25.28	C	20.86	T	14	T	0.41	18.1		
10	09	64	18.0	PA	0013	36	57.4	76	25.2	18		6		*	*			14.0	C	25.20	C	20.97	T	14	T	0.41	18.1		
10	09	64	18.0	PA	0013	36	57.4	76	25.2	18		6		*	*			17.0	C	25.18	C	21.04	T	14	T	0.40	18.1		
10	09	64	18.5	PA	0013	36	57.4	76	25.2	18		6		*	*			00.0	C	25.70	C	20.41	P	14	D	0.73	18.6		
10	09	64	18.5	PA	0013	36	57.4	76	25.2	18		6		*	*			04.0	C	25.52	C	20.52	T	14	T	0.70	18.6		
10	09	64	18.5	PA	0013	36	57.4	76	25.2	18		6		*	*			08.0	C	25.44	C	20.56	T	14	T	0.55	18.6		
10	09	64	18.5	PA	0013	36	57.4	76	25.2	18		6		*	*			10.0	C	25.40	C	20.60	T	14	T	0.55	18.6		
10	09	64	18.5	PA	0013	36	57.4	76	25.2	18		6		*	*			12.0	C	25.28	C	20.75	T	14	T	0.45	18.6		
10	09	64	18.5	PA	0013	36	57.4	76	25.2	18		6		*	*			14.0	C	25.22	C	21.53	T	14	T	0.40	18.5		
10	09	64	18.5	PA	0013	36	57.4	76	25.2	18		6		*	*			17.0	C	25.22	C	21.53	T	13	T	0.28	18.5		
10	09	64	19.0	PA	0013	36	57.4	76	25.2	18		6		*	*			00.0	C	25.76	C	20.40	P	13	D	0.58	19.1		
10	09	64	19.0	PA	0013	36	57.4	76	25.2	18		6		*	*			04.0	C	25.59	C	20.48	T	15	T	0.60	19.0		
10	09	64	19.0	PA	0013	36	57.4	76	25.2	18		6		*	*			08.0	C	25.54	C	20.51	T	14	T	0.55	19.0		
10	09	64	19.0	PA	0013	36	57.4	76	25.2	18		6		*	*			10.0	C	25.51	C	20.52	T	14	T	0.45	19.0		
10	09	64	19.0	PA	0013	36	57.4	76	25.2	18		6		*	*			12.0	C	25.30	C	20.71	T	14	T	0.49	19.0		
10	09	64	19.0	PA	0013	36	57.4	76	25.2	18		6		*	*			14.0	C	25.28	C	20.75	T	14	T	0.39	19.0		
10	09	64	19.0	PA	0013	36	57.4	76	25.2	18		6		*	*			16.0	C	25.28	C	20.75	T	14	T	0.27	19.0		
10	09	64	19.5	PA	0013	36	57.4	76	25.2	18		7		*	*			00.0	C	25.72	C	20.31	P	13	D	0.54	19.6		
10	09	64	19.5	PA	0013	36	57.4	76	25.2	18		7		*	*			04.0	C	25.56	C	20.52	T	15	T	0.50	19.5		
10	09	64	19.5	PA	0013	36	57.4	76	25.2	18		7		*	*			08.0	C	25.53	C	20.55	T	14	T	0.43	19.5		
10	09	64	19.5	PA	0013	36	57.4	76	25.2	18		7		*	*			10.0	C	25.46	C	20.62	T	13	T	0.36	19.5		
10	09	64	19.5	PA	0013	36	57.4	76	25.2	18		7		*	*			12.0	C	25.38	C	20.75	T	14	T	0.35	19.5		
10	09	64	19.5	PA	0013	36	57.4	76	25.2	18		7		*	*			14.0	C	25.34	C	20.80	T	15	T	0.30	19.5		
10	09	64	19.5	PA	0013	36	57.4	76	25.2	18		7		*	*			17.0	C	25.33	C	20.81	T	24	T	0.20	19.6		
10	09	64	20.0	PA	0013	36	57.4	76	25.2	18		7		*	*			00.0	C	25.68	C	19.99	P	13	D	0.40	20.1		
10	09	64	20.0	PA	0013	36	57.4	76	25.2	18		7		*	*			04.0	C	25.54	C	20.33	T	13	T	0.45	20.1		
10	09	64	20.0	PA	0013	36	57.4	76	25.2	18		7		*	*			08.0	C	25.48	C	20.42	T	13	T	0.42	20.1		
10	09	64	20.0	PA	0013	36	57.4	76	25.2	18		7		*	*			10.0	C	25.46	C	20.49	T	13	T	0.40	20.1		
10	09	64	20.0	PA	0013	36	57.4	76	25.2	18		7		*	*			12.0	C	25.42	C	20.53	T	13	T	0.38	20.1		
10	09	64	20.0	PA	0013	36	57.4	76	25.2	18		7		*	*			14.0	C	25.38	C	20.59	T	14	T	0.38	20.1		
10	09	64	20.0	PA	0013	36	57.4	76	25.2	18		7		*	*			18.0	C	25.34	C	20.64	T	15	T	0.25	20.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
10	09	64	20.5	PA	0013	36	57.4	76	25.2	18		*		*	*			00.0	C	25.68	C	19.90	P	14	D	0.23	20.6		
10	09	64	20.5	PA	0013	36	57.4	76	25.2	18		*		*	*			04.0	C	25.50	C	20.51	T	15	T	0.14	20.5		
10	09	64	20.5	PA	0013	36	57.4	76	25.2	18		*		*	*			08.0	C	25.42	C	20.60	T	20	T	0.03	20.5		
10	09	64	20.5	PA	0013	36	57.4	76	25.2	18		*		*	*			10.0	C	25.39	C	20.66	T	27	T	0.02	20.5		
10	09	64	20.5	PA	0013	36	57.4	76	25.2	18		*		*	*			12.0	C	25.36	C	20.67	T	27	T	0.06	20.6		
10	09	64	20.5	PA	0013	36	57.4	76	25.2	18		*		*	*			14.0	C	25.35	C	20.71	T	29	T	0.10	20.6		
10	09	64	20.5	PA	0013	36	57.4	76	25.2	18		*		*	*			17.0	C	25.32	C	20.80	T	29	T	0.10	20.6		
10	09	64	21.0	PA	0013	36	57.4	76	25.2	17		8		*	*			00.0	C	25.64	C	19.94	P	00	D	0.10	21.4		
10	09	64	21.0	PA	0013	36	57.4	76	25.2	17		8		*	*			04.0	C	25.48	C	20.67	T	30	T	0.25	21.3		
10	09	64	21.0	PA	0013	36	57.4	76	25.2	17		8		*	*			08.0	C	25.40	C	20.75	T	29	T	0.30	21.3		
10	09	64	21.0	PA	0013	36	57.4	76	25.2	17		8		*	*			10.0	C	25.36	C	20.78	T	29	T	0.40	21.3		
10	09	64	21.0	PA	0013	36	57.4	76	25.2	17		8		*	*			12.0	C	25.35	C	20.78	T	30	T	0.40	21.3		
10	09	64	21.0	PA	0013	36	57.4	76	25.2	17		8		*	*			14.0	C	25.33	C	20.79	T	30	T	0.40	21.3		
10	09	64	21.0	PA	0013	36	57.4	76	25.2	17		8		*	*			17.0	C	25.34	C	20.79	T	30	T	0.35	21.4		
10	09	64	07.0	HO	0013	36	54.7	76	25.3	2		*			*	0.8		00.0	T	25.30	R	19.58	D	28	X	0.09	07.3		
10	09	64	07.0	HO	0013	36	54.7	76	25.3	2		*			*	0.8		02.0	T	25.20	R	20.01		*	X	0.00	07.3		
10	09	64	07.5	HO	0013	36	54.7	76	25.3	2		*			*			00.0			R	19.64	D	28	X	0.15	07.6		
10	09	64	07.5	HO	0013	36	54.7	76	25.3	2		*			*			02.0			R	19.95		*	X	0.03	07.6		
10	09	64	08.0	HO	0013	36	54.7	76	25.3	2		*			*	0.9		00.0	T	25.30	R	19.46	D	27	X	0.19	08.1		
10	09	64	08.0	HO	0013	36	54.7	76	25.3	2		*			*	0.9		02.0	T	25.30	R	19.47		*	X	0.09	08.1		
10	09	64	08.5	HO	0013	36	54.7	76	25.3	2		*			*			00.0			R	19.28	D	28	X	0.20	08.6		
10	09	64	08.5	HO	0013	36	54.7	76	25.3	2		*			*			02.0			R	19.86		*	X	0.10	08.5		
10	09	64	09.0	HO	0013	36	54.7	76	25.3	2		*	28		*	1.0		00.0	T	25.60	R	19.50	D	28	X	0.35	09.2		
10	09	64	09.0	HO	0013	36	54.7	76	25.3	2		*	28		*	1.0		02.0	T	25.50	R	19.93		*	X	0.25	09.2		
10	09	64	09.5	HO	0013	36	54.7	76	25.3	2		*			*			00.0			R	19.57	D	28	X	0.40	09.5		
10	09	64	09.5	HO	0013	36	54.7	76	25.3	2		*			*			02.0			R	19.98		*	X	0.21	09.5		
10	09	64	10.0	HO	0013	36	54.7	76	25.3	2		*			*	0.8		00.0	T	25.60	R	19.99	D	30	X	0.36	10.1		
10	09	64	10.0	HO	0013	36	54.7	76	25.3	2		*			*	0.8		02.0	T	25.40	R	19.99		*	X	0.30	10.1		
10	09	64	10.5	HO	0013	36	54.7	76	25.3	2		*			*			00.0			R	20.03	D	28	X	0.34	10.6		
10	09	64	10.5	HO	0013	36	54.7	76	25.3	2		*			*			02.0			R	20.03	F	30	X	0.27	10.6		
10	09	64	11.0	HO	0013	36	54.7	76	25.3	2		*	28	7	03	0.9		00.0			R	20.07	D	29	X	0.25	11.0		
10	09	64	11.0	HO	0013	36	54.7	76	25.3	2		*	28	7	03	0.9		02.0			R	20.09	F	27	X	0.23	11.0		
10	09	64	11.5	HO	0013	36	54.7	76	25.3	2		*			*			00.0			R	20.25	D	28	X	0.25	11.5		
10	09	64	11.5	HO	0013	36	54.7	76	25.3	2		*			*			02.0			R	20.22	F	28	X	0.21	11.5		
10	09	64	12.0	HO	0013	36	54.7	76	25.3	2		*	28	7	04	1.0		00.0	T	25.80	R	20.30	D	28	X	0.23	12.0		
10	09	64	12.0	HO	0013	36	54.7	76	25.3	2		*	28	7	04	1.0		02.0	T	25.70	R	20.36	F	29	X	0.16	12.0		
10	09	64	12.5	HO	0013	36	54.7	76	25.3	2		*			*			00.0			R	20.36	D	29	X	0.17	12.5		
10	09	64	12.5	HO	0013	36	54.7	76	25.3	2		*			*			02.0			R	20.35	F	25	X	0.11	12.5		
10	09	64	13.0	HO	0013	36	54.7	76	25.3	2		3			*	1.0		00.0	T	26.00	R	20.42	D	29	X	0.13	13.0		
10	09	64	13.0	HO	0013	36	54.7	76	25.3	2		3			*	1.0		00.0					D	29	P	0.09	13.1		
10	09	64	13.0	HO	0013	36	54.7	76	25.3	2		3			*	1.0		02.0			R	20.43	F	29	X	0.63	13.1		
10	09	64	13.5	HO	0013	36	54.7	76	25.3	2		4			*			00.0			R	20.23	D	34	X	0.08	13.5		
10	09	64	13.5	HO	0013	36	54.7	76	25.3	2		4			*			02.0			R	20.41		*	X	0.06	13.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
10	09	64	14.0	HO	0013	36	54.7	76	25.3	2		4			*	1.0		00.0			R	20.16	D	04	X	0.09	14.0		
10	09	64	14.0	HO	0013	36	54.7	76	25.3	2		4			*	1.0		02.0			R	20.41		*	X	0.05	14.0		
10	09	64	14.5	HO	0013	36	54.7	76	25.3	2		5			*			00.0			R	20.89	D	10	X	0.18	14.5		
10	09	64	14.5	HO	0013	36	54.7	76	25.3	2		5			*			02.0			R	20.22	F	12	X	0.19	14.5		
10	09	64	15.0	HO	0013	36	54.7	76	25.3	2		*			*	0.9		00.0	T	26.00	R	20.07	D	09	X	0.20	15.0		
10	09	64	15.0	HO	0013	36	54.7	76	25.3	2		*			*	0.9		00.0					D	09	D	0.12	15.1		
10	09	64	15.0	HO	0013	36	54.7	76	25.3	2		*			*	0.9		02.0	T	26.00	R	20.11	F	09	X	0.23	15.0		
10	09	64	15.5	HO	0013	36	54.7	76	25.3	2		5			*			00.0			R	20.03	D	11	X	0.17	15.5		
10	09	64	15.5	HO	0013	36	54.7	76	25.3	2		5			*			00.0						*	D	0.17	15.5		
10	09	64	15.5	HO	0013	36	54.7	76	25.3	2		5			*			02.0			R	20.15	F	11	X	0.25	15.5		
10	09	64	16.0	HO	0013	36	54.7	76	25.3	2		5			*	0.9		00.0	T	26.10	R	19.93	D	12	X	0.25	16.0		
10	09	64	16.0	HO	0013	36	54.7	76	25.3	2		5			*	0.9		00.0						*		0.22	16.1		
10	09	64	16.0	HO	0013	36	54.7	76	25.3	2		5			*	0.9		02.0	T	25.90	R	20.05	F	12	X	0.22	16.1		
10	09	64	16.5	HO	0013	36	54.7	76	25.3	2		6			*			00.0			R	19.97	D	12	X	0.25	16.5		
10	09	64	16.5	HO	0013	36	54.7	76	25.3	2		6			*			00.0						*	D	0.12	16.6		
10	09	64	16.5	HO	0013	36	54.7	76	25.3	2		6			*			02.0			R	20.03	F	11	X	0.22	16.5		
10	09	64	17.0	HO	0013	36	54.7	76	25.3	2		6			*	0.9		00.0	T	25.90	R	19.77	D	14	X	0.13	17.0		
10	09	64	17.0	HO	0013	36	54.7	76	25.3	2		6			*	0.9		00.0						*	D	0.19	17.2		
10	09	64	17.0	HO	0013	36	54.7	76	25.3	2		6			*	0.9		02.0	T	25.50	R	20.06	F	13	X	0.18	17.0		
10	09	64	17.5	HO	0013	36	54.7	76	25.3	2		7			*			00.0			R	19.95	D	12	X	0.15	17.6		
10	09	64	17.5	HO	0013	36	54.7	76	25.3	2		7			*			00.0					D	12	D	0.10	17.7		
10	09	64	17.5	HO	0013	36	54.7	76	25.3	2		7			*			02.0			R	19.99	F	12	X	0.12	17.6		
10	09	64	18.0	HO	0013	36	54.7	76	25.3	2		*			*	0.7		00.0					D	11	D	0.00	18.1		
10	09	64	18.0	HO	0013	36	54.7	76	25.3	2		*			*	0.7		00.0	T	26.20	R	19.95	D	11	X	0.15	18.0		
10	09	64	18.0	HO	0013	36	54.7	76	25.3	2		*			*	0.7		02.0	T	26.00	R	19.95	F	09	X	0.13	18.0		
10	09	64	18.5	HO	0013	36	54.7	76	25.3	2		*			*			00.0			R	19.81	D	11	X	0.10	18.5		
10	09	64	18.5	HO	0013	36	54.7	76	25.3	2		*			*			00.0					D	11	D	0.00	18.6		
10	09	64	18.5	HO	0013	36	54.7	76	25.3	2		*			*			02.0			R	19.98	F	00	X	0.03	18.5		
10	09	64	19.0	HO	0013	36	54.7	76	25.3	2		*			*			00.0	T	26.10	R	19.75	D	28	X	0.12	19.0		
10	09	64	19.0	HO	0013	36	54.7	76	25.3	2		*			*			00.0					D	28	D	0.00	19.0		
10	09	64	19.0	HO	0013	36	54.7	76	25.3	2		*			*			02.0	T	25.90	R	19.93	F	00	X	0.05	19.0		
10	09	64	19.5	HO	0013	36	54.7	76	25.3	2		*			*			00.0			R	19.44	D	22	X	0.11	19.5		
10	09	64	19.5	HO	0013	36	54.7	76	25.3	2		*			*			00.0					D	22	D	0.00	19.6		
10	09	64	19.5	HO	0013	36	54.7	76	25.3	2		*			*			02.0			R	19.61	F	00	X	0.06	19.5		
10	09	64	20.0	HO	0013	36	54.7	76	25.3	2		*			*			00.0	T	25.60	R	19.34	D	29	X	0.15	20.0		
10	09	64	20.0	HO	0013	36	54.7	76	25.3	2		*			*			02.0	T	25.40	R	19.26	F	00	X	0.07	20.0		
10	09	64	20.0	HO	0013	36	54.7	76	25.3	2		*			*			00.0					D	29	D	0.08	20.1		
10	09	64	07.5	LA	0013	36	55.5	76	25.3	5		8	26	8	03			00.0	T	25.10	R	19.29		*	D	0.00	07.5		
10	09	64	07.5	LA	0013	36	55.5	76	25.3	5		8	26	8	03			02.0	T	25.10	R	19.43		*	U	0.07	07.5		
10	09	64	07.5	LA	0013	36	55.5	76	25.3	5		8	26	8	03			04.0	T	25.20	R	20.11		*	U	0.15	07.5		
10	09	64	08.0	LA	0013	36	55.5	76	25.3	5		1	27	8	04	1.1		00.0	T	25.40	R	18.69	D	25	D	0.01	08.1		
10	09	64	08.0	LA	0013	36	55.5	76	25.3	5		1	27	8	04	1.1		02.0	T	25.20	R	19.83	F	25	U	0.18	08.0		
10	09	64	08.0	LA	0013	36	55.5	76	25.3	5		1	27	8	04	1.1		04.0	T	25.20	R	20.16	F	25	U	0.20	08.0		
10	09	64	08.5	LA	0013	36	55.5	76	25.3	5		1			*			00.0	T	25.70	R	18.84	D	26	D	0.19	08.6		
10	09	64	08.5	LA	0013	36	55.5	76	25.3	5		1			*			02.0	T	25.50	R	19.51	F	27	U	0.31	08.5		
10	09	64	08.5	LA	0013	36	55.5	76	25.3	5		1			*			04.0	T	25.50	R	20.04	F	26	U	0.20	08.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
																					DIRXN		VELOCITY		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.	
10	09	64	09.0	LA	0013	36	55.5	76	25.3	5	1	28	7	02	1.1	00.0	T	26.30	R	19.17	D	26	D	0.20	09.1
10	09	64	09.0	LA	0013	36	55.5	76	25.3	5	1	28	7	02	1.1	02.0	T	25.80	R	20.16	F	27	U	0.31	09.0
10	09	64	09.0	LA	0013	36	55.5	76	25.3	5	1	28	7	02	1.1	04.0	T	25.60	R	20.21	F	26	U	0.27	09.0
10	09	64	09.5	LA	0013	36	55.5	76	25.3	5	1	26	6	05		00.0	T	25.60	R	20.19	D	25	D	0.24	09.6
10	09	64	09.5	LA	0013	36	55.5	76	25.3	5	1	26	6	05		02.0	T	25.50	R	20.23	F	26	U	0.35	09.5
10	09	64	09.5	LA	0013	36	55.5	76	25.3	5	1	26	6	05		04.0	T	25.70	R	20.49	F	26	U	0.25	09.5
10	09	64	10.0	LA	0013	36	55.5	76	25.3	5	1	27	7	05	1.0	00.0	T	26.50	R	20.44	D	25	D	0.25	10.1
10	09	64	10.0	LA	0013	36	55.5	76	25.3	5	1	27	7	05	1.0	02.0	T	25.90	R	20.46	F	26	U	0.35	10.0
10	09	64	10.0	LA	0013	36	55.5	76	25.3	5	1	27	7	05	1.0	04.0	T	25.70	R	20.46	F	26	U	0.30	10.0
10	09	64	10.5	LA	0013	36	55.5	76	25.3	5	2			*		00.0	T	25.90	R	20.50	D	25	D	0.30	10.6
10	09	64	10.5	LA	0013	36	55.5	76	25.3	5	2			*		02.0	T	25.80	R	20.50	F	27	U	0.42	10.5
10	09	64	10.5	LA	0013	36	55.5	76	25.3	5	2			*		04.0	T	26.40	R	20.50	F	26	U	0.38	10.5
10	09	64	11.0	LA	0013	36	55.5	76	25.3	5	2	28	7	03	1.0	00.0	T	26.30	R	20.60	D	25	D	0.24	11.1
10	09	64	11.0	LA	0013	36	55.5	76	25.3	5	2	28	7	03	1.0	02.0	T	26.10	R	20.60	F	27	U	0.40	11.0
10	09	64	11.0	LA	0013	36	55.5	76	25.3	5	2	28	7	03	1.0	04.0	T	26.00	R	20.62	F	27	U	0.36	11.0
10	09	64	11.5	LA	0013	36	55.5	76	25.3	5	2			*		00.0	T	26.00	R	20.72	D	26	D	0.22	11.6
10	09	64	11.5	LA	0013	36	55.5	76	25.3	5	2			*		02.0	T	25.80	R	20.73	F	27	U	0.44	11.5
10	09	64	11.5	LA	0013	36	55.5	76	25.3	5	2			*		04.0	T	25.90	R	20.72	F	27	U	0.39	11.5
10	09	64	12.0	LA	0013	36	55.5	76	25.3	5	3	28	7	04	1.1	00.0	T	27.50	R	20.70	D	26	D	0.19	12.1
10	09	64	12.0	LA	0013	36	55.5	76	25.3	5	3	28	7	04	1.1	02.0	T	26.20	R	20.68	F	28	U	0.38	12.0
10	09	64	12.0	LA	0013	36	55.5	76	25.3	5	3	28	7	04	1.1	04.0	T	26.00	R	20.69	F	27	U	0.30	12.0
10	09	64	12.5	LA	0013	36	55.5	76	25.3	5	3			*		00.0	T	28.30	R	20.52	D	27	D	0.20	12.5
10	09	64	12.5	LA	0013	36	55.5	76	25.3	5	3			*		02.0	T	26.60	R	20.55	F	27	U	0.33	12.5
10	09	64	12.5	LA	0013	36	55.5	76	25.3	5	3			*		04.0	T	26.20	R	20.76	F	26	U	0.18	12.6
10	09	64	12.5	LA	0013	36	55.5	76	25.3	5	3			*		05.0	T	26.00	R	20.77	F	26	U	0.18	12.6
10	09	64	13.0	LA	0013	36	55.5	76	25.3	5	3	30	8	03	1.1	00.0	T	29.20	R	20.61	D	27	D	0.20	13.1
10	09	64	13.0	LA	0013	36	55.5	76	25.3	5	3	30	8	03	1.1	02.0	T	26.60	R	20.66	F	28	U	0.20	13.1
10	09	64	13.0	LA	0013	36	55.5	76	25.3	5	3	30	8	03	1.1	04.0	T	26.40	R	20.69	F	28	U	0.10	13.0
10	09	64	13.0	LA	0013	36	55.5	76	25.3	5	3	30	8	03	1.1	05.0	T	26.20	R	20.70	F	27	U	0.10	13.0
10	09	64	13.5	LA	0013	36	55.5	76	25.3	5	4			*		00.0	T	27.00	R	20.65	D	30	D	0.15	13.5
10	09	64	13.5	LA	0013	36	55.5	76	25.3	5	4			*		02.0	T	26.80	R	20.66	F	27	U	0.12	13.5
10	09	64	13.5	LA	0013	36	55.5	76	25.3	5	4			*		04.0	T	26.80	R	20.73	F	28	U	0.07	13.5
10	09	64	13.5	LA	0013	36	55.5	76	25.3	5	4			*		05.0	T	26.60	R	20.73	F	28	U	0.07	13.6
10	09	64	14.0	LA	0013	36	55.5	76	25.3	5	4	28	7	04	1.1	00.0	T	28.70	R	20.62		*	D	0.00	14.1
10	09	64	14.0	LA	0013	36	55.5	76	25.3	5	4	28	7	04	1.1	02.0	T	26.50	R	20.61	F	15	U	0.02	14.1
10	09	64	14.0	LA	0013	36	55.5	76	25.3	5	4	28	7	04	1.1	04.0	T	26.00	R	20.69	F	28	U	0.04	14.0
10	09	64	14.0	LA	0013	36	55.5	76	25.3	5	4	28	7	04	1.1	05.0	T	26.00	R	20.69	F	28	U	0.02	14.0
10	09	64	14.5	LA	0013	36	55.5	76	25.3	5	4			*		00.0	T	26.50	R	20.59	D	09	D	0.09	14.5
10	09	64	14.5	LA	0013	36	55.5	76	25.3	5	4			*		02.0	T	26.20	R	20.60	F	19	U	0.10	14.5
10	09	64	14.5	LA	0013	36	55.5	76	25.3	5	4			*		04.0	T	26.00	R	20.68	F	02	U	0.18	14.6
10	09	64	14.5	LA	0013	36	55.5	76	25.3	5	4			*		05.0	T	25.90	R	20.73	F	34	U	0.09	14.6
10	09	64	15.0	LA	0013	36	55.5	76	25.3	5	5	30	7	04	1.1	00.0	T	26.50	R	20.60	D	06	D	0.30	15.1
10	09	64	15.0	LA	0013	36	55.5	76	25.3	5	5	30	7	04	1.1	02.0	T	26.40	R	20.60	F	06	U	0.20	15.1
10	09	64	15.0	LA	0013	36	55.5	76	25.3	5	5	30	7	04	1.1	04.0	T	26.20	R	20.69	F	05	U	0.25	15.0
10	09	64	15.0	LA	0013	36	55.5	76	25.3	5	5	30	7	04	1.1	05.0	T	25.90	R	20.67	F	12	U	0.21	15.0
10	09	64	15.5	LA	0013	36	55.5	76	25.3	5	5			*		00.0	T	26.60	R	20.34	D	08	D	0.25	15.5
10	09	64	15.5	LA	0013	36	55.5	76	25.3	5	5			*		02.0	T	26.50	R	20.39	F	11	U	0.40	15.5
10	09	64	15.5	LA	0013	36	55.5	76	25.3	5	5			*		04.0	T	26.70	R	20.55	F	14	U	0.25	15.6
10	09	64	15.5	LA	0013	36	55.5	76	25.3	5	5			*		05.0	T	26.70	R	20.56	F	14	U	0.25	15.6

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
10	09	64	16.0	LA	0013	36	55.5	76	25.3	4		6	30	7	06	1.0		00.0	T	27.40	R	19.94	D	07	D	0.30	16.1		
10	09	64	16.0	LA	0013	36	55.5	76	25.3	4		6	30	7	06	1.0		02.0	T	26.20	R	20.45	F	12	U	0.45	16.0		
10	09	64	16.0	LA	0013	36	55.5	76	25.3	4		6	30	7	06	1.0		04.0	T	26.00	R	22.50	F	14	U	0.35	16.0		
10	09	64	16.5	LA	0013	36	55.5	76	25.3	4		6			*			00.0	T	26.90	R	19.58	D	08	D	0.30	16.5		
10	09	64	16.5	LA	0013	36	55.5	76	25.3	4		6			*			02.0	T	26.20	R	20.18	F	12	U	0.50	16.5		
10	09	64	16.5	LA	0013	36	55.5	76	25.3	4		6			*			04.0	T	27.10	R	22.40	F	14	U	0.33	16.6		
10	09	64	17.0	LA	0013	36	55.5	76	25.3	4		6	30	6	05	1.0		00.0	T	26.80	R	19.38	D	07	D	0.50	17.1		
10	09	64	17.0	LA	0013	36	55.5	76	25.3	4		6	30	6	05	1.0		02.0	T	26.30	R	19.96	F	13	U	0.35	17.0		
10	09	64	17.0	LA	0013	36	55.5	76	25.3	4		6	30	6	05	1.0		04.0	T	26.00	R	20.15	F	14	U	0.23	17.0		
10	09	64	17.5	LA	0013	36	55.5	76	25.3	4		6			*			00.0	T	26.40	R	19.33	D	07	D	0.35	17.6		
10	09	64	17.5	LA	0013	36	55.5	76	25.3	4		6			*			02.0	T	26.20	R	19.92	F	08	U	0.29	17.5		
10	09	64	17.5	LA	0013	36	55.5	76	25.3	4		6			*			04.0	T	26.30	R	20.06	F	09	U	0.21	17.5		
10	09	64	18.0	LA	0013	36	55.5	76	25.3	4		7	28	6	06	1.1		00.0	T	26.30	R	19.25	D	07	D	0.21	18.1		
10	09	64	18.0	LA	0013	36	55.5	76	25.3	4		7	28	6	06	1.1		02.0	T	26.20	R	19.75	F	08	U	0.25	18.0		
10	09	64	18.0	LA	0013	36	55.5	76	25.3	4		7	28	6	06	1.1		04.0	T	26.10	R	19.67	F	10	U	0.20	18.0		
10	09	64	18.5	LA	0013	36	55.5	76	25.3	4		7			*			00.0	T	26.10	R	19.06	D	07	D	0.19	18.6		
10	09	64	18.5	LA	0013	36	55.5	76	25.3	4		7			*			02.0	T	26.10	R	20.00	F	08	U	0.26	18.5		
10	09	64	18.5	LA	0013	36	55.5	76	25.3	4		7			*			04.0	T	26.00	R	20.34	F	09	U	0.14	18.5		
10	09	64	19.0	LA	0013	36	55.5	76	25.3	4		7	26	7	05			00.0	T	26.00	R	19.05	D	07	D	0.14	19.1		
10	09	64	19.0	LA	0013	36	55.5	76	25.3	4		7	26	7	05			02.0	T	25.90	R	19.32	F	08	U	0.20	19.0		
10	09	64	19.0	LA	0013	36	55.5	76	25.3	4		7	26	7	05			04.0	T	25.90	R	19.98	F	08	U	0.14	19.0		
10	09	64	19.5	LA	0013	36	55.5	76	25.3	4		8			*			00.0	T	26.00	R	18.89	D	00	D	0.00	19.6		
10	09	64	19.5	LA	0013	36	55.5	76	25.3	4		8			*			02.0	T	26.00	R	18.97	F	08	U	0.06	19.6		
10	09	64	19.5	LA	0013	36	55.5	76	25.3	4		8			*			04.0	T	25.90	R	19.73	F	08	U	0.08	19.5		
10	09	64	20.0	LA	0013	36	55.5	76	25.3	4		8	26	7	04			00.0	T	25.90	R	18.97	D	00	D	0.00	20.1		
10	09	64	20.0	LA	0013	36	55.5	76	25.3	4		8	26	7	04			02.0	T	25.90	R	19.24	F	25	U	0.08	20.0		
10	09	64	20.0	LA	0013	36	55.5	76	25.3	4		8	26	7	04			04.0	T	25.90	R	20.24	F	25	U	0.15	20.0		
10	09	64	20.5	LA	0013	36	55.5	76	25.3	4		1			*			00.0	T	25.90	R	19.10	D	25	D	0.12	20.6		
10	09	64	20.5	LA	0013	36	55.5	76	25.3	4		1			*			02.0	T	25.90	R	19.34	F	25	U	0.14	20.5		
10	09	64	20.5	LA	0013	36	55.5	76	25.3	4		1			*			04.0	T	25.80	R	20.08	F	25	U	0.18	20.5		
10	09	64	07.5	IN	0013	36	56.1	76	25.2	5		7			*	0.8		00.0	T	25.20	R	19.89	D	22	U	0.20	07.5		
10	09	64	07.5	IN	0013	36	56.1	76	25.2	5		7			*	0.8		02.0			R	20.07		*	U	0.10	07.5		
10	09	64	07.5	IN	0013	36	56.1	76	25.2	5		7			*	0.8		04.0			R	20.18		*	U	0.01	07.5		
10	09	64	08.0	IN	0013	36	56.1	76	25.2	5		1			*	0.8		00.0	T	25.40	R	20.05	D	24	U	0.25	08.0		
10	09	64	08.0	IN	0013	36	56.1	76	25.2	5		1			*	0.8		02.0			R	20.15		*	U	0.20	08.0		
10	09	64	08.0	IN	0013	36	56.1	76	25.2	5		1			*	0.8		04.0			R	20.20		*		*	08.0		
10	09	64	08.5	IN	0013	36	56.1	76	25.2	5		1			*			00.0			R	20.12	D	24	U	0.25	08.5		
10	09	64	08.5	IN	0013	36	56.1	76	25.2	5		1			*			02.0			R	20.22	F	24	U	0.20	08.5		
10	09	64	08.5	IN	0013	36	56.1	76	25.2	5		1			*			04.0			R	20.22		*	U	0.20	08.5		
10	09	64	09.0	IN	0013	36	56.1	76	25.2	4		1	29	6	02	0.9		00.0	T	25.30	R	20.32	D	23	U	0.32	09.1		
10	09	64	09.0	IN	0013	36	56.1	76	25.2	4		1	29	6	02	0.9		02.0			R	20.39	F	24	U	0.30	09.1		
10	09	64	09.0	IN	0013	36	56.1	76	25.2	4		1	29	6	02	0.9		04.0			R	20.45		*	U	0.23	09.1		
10	09	64	09.5	IN	0013	36	56.1	76	25.2	4		1			*			00.0			R	20.58	D	26	U	0.46	09.5		
10	09	64	09.5	IN	0013	36	56.1	76	25.2	4		1			*			02.0			R	20.57	F	27	U	0.44	09.5		
10	09	64	09.5	IN	0013	36	56.1	76	25.2	4		1			*			04.0			R	20.57		*	U	0.40	09.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
10	09	64	10.0	IN	0013	36	56.1	76	25.2	4		2	27	7	05	0.9		00.0	T	25.30	R	20.56	D	26	U	0.47	10.2		
10	09	64	10.0	IN	0013	36	56.1	76	25.2	4		2	27	7	05	0.9		02.0			R	20.60	F	26	U	0.45	10.2		
10	09	64	10.0	IN	0013	36	56.1	76	25.2	4		2	27	7	05	0.9		04.0			R	20.56		*	U	0.40	10.2		
10	09	64	10.5	IN	0013	36	56.1	76	25.2	4		2			*			00.0			R	20.59	D	27	U	0.25	10.5		
10	09	64	10.5	IN	0013	36	56.1	76	25.2	4		2			*			02.0			R	20.72	F	27	U	0.36	10.5		
10	09	64	10.5	IN	0013	36	56.1	76	25.2	4		2			*			04.0			R	20.74		*	U	0.28	10.5		
10	09	64	11.0	IN	0013	36	56.1	76	25.2	4		3	28	7	03	0.8		00.0	T	25.30	R	20.62	D	31	U	0.45	11.1		
10	09	64	11.0	IN	0013	36	56.1	76	25.2	4		3	28	7	03	0.8		02.0			R	20.65	F	31	U	0.35	11.1		
10	09	64	11.0	IN	0013	36	56.1	76	25.2	4		3	28	7	03	0.8		04.0			R	20.64		*	U	0.25	11.1		
10	09	64	11.5	IN	0013	36	56.1	76	25.2	4		3			*			00.0			R	20.77	D	26	U	0.40	11.5		
10	09	64	11.5	IN	0013	36	56.1	76	25.2	4		3			*			02.0			R	20.78	F	26	U	0.41	11.5		
10	09	64	11.5	IN	0013	36	56.1	76	25.2	4		3			*			04.0			R	20.79		*	U	0.35	11.6		
10	09	64	12.0	IN	0013	36	56.1	76	25.2	4		3	28	7	04	0.9		00.0	T	25.50	R	20.88	D	28	U	0.30	12.2		
10	09	64	12.0	IN	0013	36	56.1	76	25.2	4		3	28	7	04	0.9		02.0	B	24.40	R	20.87	F	29	U	0.40	12.2		
10	09	64	12.0	IN	0013	36	56.1	76	25.2	4		3	28	7	04	0.9		04.0	B	24.40	R	20.86		*	U	0.30	12.2		
10	09	64	12.5	IN	0013	36	56.1	76	25.2	4		3			*			00.0	B	26.00	R	20.58	D	33	U	0.30	12.6		
10	09	64	12.5	IN	0013	36	56.1	76	25.2	4		3			*			02.0	B	25.64	R	20.80	F	33	U	0.25	12.6		
10	09	64	12.5	IN	0013	36	56.1	76	25.2	4		3			*			04.0	B	25.64	R	20.82		*	U	0.20	12.6		
10	09	64	13.0	IN	0013	36	56.1	76	25.2	4		3			*			00.0	T	25.50	R	20.83	D	29	U	0.25	13.0		
10	09	64	13.0	IN	0013	36	56.1	76	25.2	4		3			*			02.0	B	25.22	R	20.86	F	29	U	0.30	13.1		
10	09	64	13.0	IN	0013	36	56.1	76	25.2	4		3			*			04.0	B	25.22	R	20.86		*	U	0.21	13.1		
10	09	64	13.5	IN	0013	36	56.1	76	25.2	4		3			*			00.0	B	25.80	R	20.93	D	29	U	0.20	13.5		
10	09	64	13.5	IN	0013	36	56.1	76	25.2	4		3			*			02.0	B	25.60	R	20.89	F	29	U	0.20	13.5		
10	09	64	13.5	IN	0013	36	56.1	76	25.2	4		3			*			04.0	B	25.60	R	20.91		*	U	0.17	13.5		
10	09	64	14.0	IN	0013	36	56.1	76	25.2	4		3			*			00.0	T	26.20	R	20.79	D	29	U	0.30	14.0		
10	09	64	14.0	IN	0013	36	56.1	76	25.2	4		3			*			02.0	B	26.08	R	20.86	F	29	U	0.19	14.0		
10	09	64	14.0	IN	0013	36	56.1	76	25.2	4		3			*			04.0	B	25.64	R	19.98		*	U	0.10	14.0		
10	09	64	14.5	IN	0013	36	56.1	76	25.2	4		4			*			00.0	B	25.96	R	20.82	D	28	U	0.15	14.5		
10	09	64	14.5	IN	0013	36	56.1	76	25.2	4		4			*			02.0	B	26.00	R	20.82	F	28	U	0.09	14.5		
10	09	64	14.5	IN	0013	36	56.1	76	25.2	4		4			*			04.0	B	25.60	R	20.89		*	U	0.10	14.5		
10	09	64	15.0	IN	0013	36	56.1	76	25.2	4		5	29	7	08			00.0	B	25.76	R	20.84	D	09	U	0.20	15.0		
10	09	64	15.0	IN	0013	36	56.1	76	25.2	4		5	29	7	08			02.0	B	25.76	R	20.82	F	09	U	0.12	15.0		
10	09	64	15.0	IN	0013	36	56.1	76	25.2	4		5	29	7	08			04.0	B	25.76	R	20.83		*	U	0.11	15.0		
10	09	64	15.5	IN	0013	36	56.1	76	25.2	4		5			*			00.0	B	25.76	R	20.76	D	07	U	0.20	15.5		
10	09	64	15.5	IN	0013	36	56.1	76	25.2	4		5			*			02.0	B	25.76	R	20.74	F	07	U	0.25	15.5		
10	09	64	15.5	IN	0013	36	56.1	76	25.2	4		5			*			04.0	B	25.76	R	20.75		*	U	0.20	15.5		
10	09	64	16.0	IN	0013	36	56.1	76	25.2	4		5	30	7	06			00.0	B	25.88	R	20.70	D	07	U	0.20	16.0		
10	09	64	16.0	IN	0013	36	56.1	76	25.2	4		5	30	7	06			02.0	B	25.92	R	20.71	F	07	U	0.35	16.0		
10	09	64	16.0	IN	0013	36	56.1	76	25.2	4		5	30	7	06			04.0	B	25.88	R	20.70		*	U	0.30	16.0		
10	09	64	16.5	IN	0013	36	56.1	76	25.2	4		6			*			00.0	B	25.88	R	20.72	D	09	U	0.35	16.5		
10	09	64	16.5	IN	0013	36	56.1	76	25.2	4		6			*			02.0	B	25.92	R	20.71	F	09	U	0.40	16.5		
10	09	64	16.5	IN	0013	36	56.1	76	25.2	4		6			*			04.0	B	25.92	R	20.71		*	U	0.35	16.5		
10	09	64	17.0	IN	0013	36	56.1	76	25.2	4		6			*			00.0	B	25.88	R	20.63	D	09	U	0.30	17.0		
10	09	64	17.0	IN	0013	36	56.1	76	25.2	4		6			*			02.0	B	25.88	R	20.64	F	09	U	0.35	17.0		
10	09	64	17.0	IN	0013	36	56.1	76	25.2	4		6			*			04.0	B	25.88	R	20.65		*	U	0.30	17.0		
10	09	64	17.5	IN	0013	36	56.1	76	25.2	4		7	30	6	05			00.0	B	26.08	R	20.41	D	07	U	0.20	17.5		
10	09	64	17.5	IN	0013	36	56.1	76	25.2	4		7	30	6	05			02.0	B	26.08	R	20.47	F	07	U	0.32	17.5		
10	09	64	17.5	IN	0013	36	56.1	76	25.2	4		7	30	6	05			04.0	B	26.08	R	20.55		*	U	0.25	17.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
10	09	64	18.0	IN	0013	36	56.1	76	25.2	4		7			*			00.0	B	26.32	R	20.13		*	U	0.21	18.0	
10	09	64	18.0	IN	0013	36	56.1	76	25.2	4		7			*			02.0	B	26.32	R	20.12		*	U	0.18	18.0	
10	09	64	18.0	IN	0013	36	56.1	76	25.2	4		7			*			04.0	B	26.32	R	20.23		*	U	0.17	18.0	
10	09	64	18.5	IN	0013	36	56.1	76	25.2	4		7			*			00.0	B	26.40	R	20.22	D	16	U	0.25	18.5	
10	09	64	18.5	IN	0013	36	56.1	76	25.2	4		7			*			02.0	B	25.16	R	20.25	F	18	U	0.25	18.5	
10	09	64	18.5	IN	0013	36	56.1	76	25.2	4		7			*			04.0	B	26.20	R	20.50		*	U	0.00	18.6	
10	09	64	19.0	IN	0013	36	56.1	76	25.2	4		7			*			00.0	B	26.20	R	19.87	D	18	U	0.10	19.0	
10	09	64	19.0	IN	0013	36	56.1	76	25.2	4		7			*			02.0	B	26.20	R	19.96	F	18	U	0.20	19.0	
10	09	64	19.0	IN	0013	36	56.1	76	25.2	4		7			*			04.0	B	26.20	R	20.06		*	U	0.09	19.0	
10	09	64	19.5	IN	0013	36	56.1	76	25.2	4		7			*			00.0	T	26.24	R	19.95	D	19	U	0.10	19.5	
10	09	64	19.5	IN	0013	36	56.1	76	25.2	4		7			*			02.0	B	26.24	R	20.03	F	19	U	0.15	19.5	
10	09	64	19.5	IN	0013	36	56.1	76	25.2	4		7			*			04.0	B	26.20	R	20.05		*	U	0.14	19.5	
10	09	64	20.0	IN	0013	36	56.1	76	25.2	4		8			*			00.0	B	26.16	R	20.06		*	U	0.15	20.0	
10	09	64	20.0	IN	0013	36	56.1	76	25.2	4		8			*			02.0	B	26.16	R	20.06		*	U	0.20	20.0	
10	09	64	20.0	IN	0013	36	56.1	76	25.2	4		8			*			04.0	B	26.16	R	20.08		*	U	0.11	20.0	
10	09	64	08.0	BR	0013	36	56.8	76	25.2	8		7			*	1.4		00.0	J	25.05	R	20.11	P	22	D	0.15	08.0	
10	09	64	08.0	BR	0013	36	56.8	76	25.2	8		7			*	1.4		04.0	J	25.16	R	20.17	S	21	S	0.13	08.0	
10	09	64	08.0	BR	0013	36	56.8	76	25.2	8		7			*	1.4		06.0	J	25.12	R	20.33	S	14	S	0.07	08.0	
10	09	64	08.0	BR	0013	36	56.8	76	25.2	8		7			*	1.4		08.0	J	25.19	R	20.45	S	18	S	0.10	08.0	
10	09	64	08.5	BR	0013	36	56.8	76	25.2	8		7			*			00.0	J	25.22	R	20.11	P	24	D	0.17	08.5	
10	09	64	08.5	BR	0013	36	56.8	76	25.2	8		7			*			04.0	J	25.16	R	20.19	S	18	S	0.12	08.5	
10	09	64	08.5	BR	0013	36	56.8	76	25.2	8		7			*			06.0	J	25.19	R	20.35	S	17	S	0.13	08.5	
10	09	64	08.5	BR	0013	36	56.8	76	25.2	8		7			*			08.0	J	25.12	R	20.48	S	13	S	0.20	08.5	
10	09	64	09.0	BR	0013	36	56.8	76	25.2	8		1			*	1.3		00.0	J	25.43	R	20.06	P	25	D	0.35	09.0	
10	09	64	09.0	BR	0013	36	56.8	76	25.2	8		1			*	1.3		04.0	J	25.29	R	20.27	S	20	S	0.40	09.0	
10	09	64	09.0	BR	0013	36	56.8	76	25.2	8		1			*	1.3		06.0	J	25.02	R	20.46	S	23	S	0.35	09.0	
10	09	64	09.0	BR	0013	36	56.8	76	25.2	8		1			*	1.3		08.0	J	24.98	R	20.48	S	26	S	0.23	09.0	
10	09	64	09.5	BR	0013	36	56.8	76	25.2	8		1			*			00.0			R	20.23	P	26	D	0.25	09.5	
10	09	64	09.5	BR	0013	36	56.8	76	25.2	8		1			*			04.0			R	20.45	S	22	S	0.40	09.5	
10	09	64	09.5	BR	0013	36	56.8	76	25.2	8		1			*			06.0			R	20.52	S	23	S	0.40	09.5	
10	09	64	09.5	BR	0013	36	56.8	76	25.2	8		1			*			08.0			R	20.52	S	26	S	0.34	09.5	
10	09	64	10.0	BR	0013	36	56.8	76	25.2	8		1	27	7	05			00.0	J	25.19	R	20.63	P	29	D	0.19	10.0	
10	09	64	10.0	BR	0013	36	56.8	76	25.2	8		1	27	7	05			04.0	J	25.22	R	20.64	S	25	S	0.48	10.0	
10	09	64	10.0	BR	0013	36	56.8	76	25.2	8		1	27	7	05			06.0	J	25.02	R	20.64	S	28	S	0.41	10.0	
10	09	64	10.0	BR	0013	36	56.8	76	25.2	8		1	27	7	05			08.0	J	24.81	R	20.65	S	22	S	0.32	10.0	
10	09	64	11.0	BR	0013	36	56.8	76	25.2	8		1	28	7	05	0.9		00.0	J	25.29	R	20.97	P	29	D	0.34	11.0	
10	09	64	11.0	BR	0013	36	56.8	76	25.2	8		1	28	7	05	0.9		04.0	J	25.16	R	21.03	P	26	S	0.48	11.0	
10	09	64	11.0	BR	0013	36	56.8	76	25.2	8		1	28	7	05	0.9		06.0	J	25.05	R	21.03	S	24	S	0.44	11.0	
10	09	64	11.0	BR	0013	36	56.8	76	25.2	8		1	28	7	05	0.9		08.0	J	25.12	R	21.03	S	30	S	0.43	11.0	
10	09	64	11.5	BR	0013	36	56.8	76	25.2	8		2			*			00.0			R	21.00	P	29	D	0.40	11.5	
10	09	64	11.5	BR	0013	36	56.8	76	25.2	8		2			*			04.0			R	21.01	S	22	S	0.43	11.5	
10	09	64	11.5	BR	0013	36	56.8	76	25.2	8		2			*			06.0			R	21.01	S	23	S	0.44	11.5	
10	09	64	11.5	BR	0013	36	56.8	76	25.2	8		2			*			08.0			R	21.01	S	25	S	0.32	11.5	
10	09	64	12.0	BR	0013	36	56.8	76	25.2	8		2	28	7	04	0.9		00.0	J	25.43	R	21.02	P	29	D	0.34	12.0	
10	09	64	12.0	BR	0013	36	56.8	76	25.2	8		2	28	7	04	0.9		04.0	J	25.12	R	21.02	S	22	S	0.42	12.0	
10	09	64	12.0	BR	0013	36	56.8	76	25.2	8		2	28	7	04	0.9		06.0	J	25.09	R	21.01	S	23	S	0.36	12.0	
10	09	64	12.0	BR	0013	36	56.8	76	25.2	8		2	28	7	04	0.9		08.0	J	25.09	R	21.02	S	23	S	0.31	12.0	
10	09	64	12.5	BR	0013	36	56.8	76	25.2	8		2			*			00.0			R	21.01	P	29	D	0.29	12.5	
10	09	64	12.5	BR	0013	36	56.8	76	25.2	8		2			*			04.0			R	21.03	S	03	S	0.31	12.5	
10	09	64	12.5	BR	0013	36	56.8	76	25.2	8		2			*			06.0			R	21.03	S	03	S	0.25	12.5	
10	09	64	12.5	BR	0013	36	56.8	76	25.2	8		2			*			08.0			R	21.03	S	03	S	0.25	12.5	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
10	09	64	13.0	BR	0013	36	56.8	76	25.2	8		2			*	0.9		00.0	J	25.64	R	20.95	P	29	D	0.25	13.0	
10	09	64	13.0	BR	0013	36	56.8	76	25.2	8		2			*	0.9		04.0	J	25.53	R	20.95	S	02	S	0.19	13.0	
10	09	64	13.0	BR	0013	36	56.8	76	25.2	8		2			*	0.9		06.0	J	24.31	R	20.97	S	03	S	0.16	13.0	
10	09	64	13.0	BR	0013	36	56.8	76	25.2	8		2			*	0.9		08.0	J	27.74	R	20.99	S	33	S	0.15	13.0	
10	09	64	14.0	BR	0013	36	56.8	76	25.2	8		3	28	9	04	0.9		00.0	J	25.57	R	20.95	P	31	D	0.09	14.0	
10	09	64	14.0	BR	0013	36	56.8	76	25.2	8		3	28	9	04	0.9		04.0	J	25.57	R	20.95	S	18	S	0.08	14.0	
10	09	64	14.0	BR	0013	36	56.8	76	25.2	8		3	28	9	04	0.9		06.0	J	25.36	R	20.94	S	18	S	0.08	14.1	
10	09	64	14.0	BR	0013	36	56.8	76	25.2	8		3	28	9	04	0.9		08.0	J	25.09	R	20.93	S	35	S	0.09	14.1	
10	09	64	13.5	BR	0013	36	56.8	76	25.2	8		3			*			00.0			R	20.94	P	30	D	0.16	13.5	
10	09	64	13.5	BR	0013	36	56.8	76	25.2	8		3			*			04.0			R	20.95	S	10	S	0.10	13.5	
10	09	64	13.5	BR	0013	36	56.8	76	25.2	8		3			*			06.0			R	20.95	S	32	S	0.09	13.5	
10	09	64	13.5	BR	0013	36	56.8	76	25.2	8		3			*			08.0			R	20.95	S	26	S	0.36	13.5	
10	09	64	14.5	BR	0013	36	56.8	76	25.2	8		5			*			00.0			R	20.91		*		*	14.5	
10	09	64	14.5	BR	0013	36	56.8	76	25.2	8		5			*			04.0			R	20.91	S	34	S	0.12	14.5	
10	09	64	14.5	BR	0013	36	56.8	76	25.2	8		5			*			06.0			R	20.91	S	01	S	0.10	14.5	
10	09	64	14.5	BR	0013	36	56.8	76	25.2	8		5			*			08.0			R	20.95	S	35	S	0.12	14.5	
10	09	64	15.0	BR	0013	36	56.8	76	25.2	8		5	30	9	04	0.9		00.0	J	25.43	R	20.83	P	10	D	0.23	15.0	
10	09	64	15.0	BR	0013	36	56.8	76	25.2	8		5	30	9	04	0.9		04.0	J	25.47	R	20.82	S	32	S	0.30	15.0	
10	09	64	15.0	BR	0013	36	56.8	76	25.2	8		5	30	9	04	0.9		06.0	J	25.43	R	20.80	S	33	S	0.29	15.0	
10	09	64	15.0	BR	0013	36	56.8	76	25.2	8		5	30	9	04	0.9		08.0	J	25.53	R	20.82	S	26	S	0.26	15.0	
10	09	64	15.5	BR	0013	36	56.8	76	25.2	8		6			*			00.0			R	20.80	P	11	D	0.24	15.5	
10	09	64	15.5	BR	0013	36	56.8	76	25.2	8		6			*			04.0			R	20.80	S	23	S	0.35	15.5	
10	09	64	15.5	BR	0013	36	56.8	76	25.2	8		6			*			06.0			R	20.80	S	25	S	0.35	15.5	
10	09	64	15.5	BR	0013	36	56.8	76	25.2	8		6			*			08.0			R	20.84	S	24	S	0.27	15.6	
10	09	64	16.0	BR	0013	36	56.8	76	25.2	8		6	30	7	06	0.9		00.0	J	25.64	R	20.73	P	12	D	0.44	16.0	
10	09	64	16.0	BR	0013	36	56.8	76	25.2	8		6	30	7	06	0.9		04.0	J	25.64	R	20.64	S	27	S	0.50	16.0	
10	09	64	16.0	BR	0013	36	56.8	76	25.2	8		6	30	7	06	0.9		06.0	J	25.64	R	20.61	S	27	S	0.40	16.0	
10	09	64	16.0	BR	0013	36	56.8	76	25.2	8		6	30	7	06	0.9		08.0	J	25.36	R	20.65	S	27	S	0.35	16.1	
10	09	64	16.5	BR	0013	36	56.8	76	25.2	8		6			*			00.0			R	20.60	P	15	D	0.49	16.5	
10	09	64	16.5	BR	0013	36	56.8	76	25.2	8		6			*			04.0			R	20.60	S	23	S	0.52	16.5	
10	09	64	16.5	BR	0013	36	56.8	76	25.2	8		6			*			06.0			R	20.68	S	26	S	0.49	16.5	
10	09	64	16.5	BR	0013	36	56.8	76	25.2	8		6			*			08.0			R	20.69	S	25	S	0.30	16.5	
10	09	64	17.0	BR	0013	36	56.8	76	25.2	8		6	30	6	05	1.0		00.0	J	25.71	R	20.72	P	12	D	0.51	17.0	
10	09	64	17.0	BR	0013	36	56.8	76	25.2	8		6	30	6	05	1.0		04.0	J	25.71	R	20.73	S	32	S	0.50	17.0	
10	09	64	17.0	BR	0013	36	56.8	76	25.2	8		6	30	6	05	1.0		06.0	J	25.53	R	20.78	S	00	S	0.45	17.0	
10	09	64	17.0	BR	0013	36	56.8	76	25.2	8		6	30	6	05	1.0		08.0	J	25.36	R	20.80	S	04	S	0.30	17.0	
10	09	64	17.5	BR	0013	36	56.8	76	25.2	8		6			*			00.0			R	20.82	P	13	D	0.58	17.5	
10	09	64	17.5	BR	0013	36	56.8	76	25.2	8		6			*			04.0			R	20.79	S	05	S	0.50	17.5	
10	09	64	17.5	BR	0013	36	56.8	76	25.2	8		6			*			06.0			R	20.75	S	05	S	0.45	17.5	
10	09	64	17.5	BR	0013	36	56.8	76	25.2	8		6			*			08.0			R	20.71	S	04	S	0.39	17.5	
10	09	64	18.3	BR	0013	36	56.8	76	25.2	8		*			*			00.0	J	25.74	R	20.55	P	*	D	*	18.3	
10	09	64	18.3	BR	0013	36	56.8	76	25.2	8		*			*			04.0	J	25.81	R	20.56	S	03	S	0.50	18.3	
10	09	64	18.3	BR	0013	36	56.8	76	25.2	8		*			*			06.0	J	25.67	R	20.57	S	03	S	0.45	18.3	
10	09	64	18.3	BR	0013	36	56.8	76	25.2	8		*			*			08.0	J	25.64	R	20.57	S	25	S	0.45	18.3	
10	09	64	18.6	BR	0013	36	56.8	76	25.2	8		7			*			00.0			R	20.50	P	12	D	0.27	18.6	
10	09	64	18.6	BR	0013	36	56.8	76	25.2	8		7			*			04.0			R	20.53	S	26	S	0.37	18.6	
10	09	64	18.6	BR	0013	36	56.8	76	25.2	8		7			*			06.0			R	20.56	S	26	S	0.37	18.6	
10	09	64	18.6	BR	0013	36	56.8	76	25.2	8		7			*			08.0			R	20.57	S	25	S	0.32	18.6	
10	09	64	19.0	BR	0013	36	56.8	76	25.2	8		7			*			00.0	J	25.33	R	20.77	P	12	D	0.25	19.0	
10	09	64	19.0	BR	0013	36	56.8	76	25.2	8		7			*			04.0	J	25.57	R	20.49	S	26	S	0.33	19.0	
10	09	64	19.0	BR	0013	36	56.8	76	25.2	8		7			*			06.0	J	25.60	R	20.49	S	26	S	0.37	19.0	
10	09	64	19.0	BR	0013	36	56.8	76	25.2	8		7			*			08.0	J	25.60	R	20.50	S	26	S	0.33	19.0	
10	09	64	19.5	BR	0013	36	56.8	76	25.2	8		7			*			00.0			R	20.42	P	12	D	0.18	19.5	
10	09	64	19.5	BR	0013	36	56.8	76	25.2	8		7			*			04.0			R	20.45	S	26	S	0.33	19.5	
10	09	64	19.5	BR	0013	36	56.8	76	25.2	8		7			*			06.0			R	20.46	S	25	S	0.25	19.5	
10	09	64	19.5	BR	0013	36	56.8	76	25.2	8		7			*			08.0			R	20.47	S	25	S	0.23	19.5	
10	09	64	20.0	BR	0013	36	56.8	76	25.2	8		8			*			00.0	J	25.22	R	20.30	P	16	D	0.15	20.0	
10	09	64	20.0	BR	0013	36	56.8	76	25.2	8		8			*			04.0	J	25.36	R	20.42	S	24	S	0.24	20.0	
10	09	64	20.0	BR	0013	36	56.8	76	25.2	8		8			*			06.0	J	25.40	R	20.42	S	24	S	0.16	20.0	
10	09	64	20.0	BR	0013	36	56.8	76	25.2	8		8			*			08.0	J	25.43	R	20.43	S	24	S	0.15	20.0	

Cruise 0014

Stations:

14
15
16
18

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
30	09	64	11.5	IN	0014	37	03.0	76	39.6	2		7			*			00.0			R	13.28	S	13	S	0.20	11.5		
30	09	64	11.5	IN	0014	37	03.0	76	39.6	2		7			*			02.0			R	13.45	S	15	S	0.12	11.6		
30	09	64	15.0	IN	0014	37	03.0	76	39.6	2		1			*	0.6		00.0	T	22.40	R	13.27	S	32	S	0.10	15.0		
30	09	64	15.0	IN	0014	37	03.0	76	39.6	2		1			*	0.6		02.0	T	22.40	R	13.26	S	34	S	0.13	15.1		
30	09	64	15.5	IN	0014	37	03.0	76	39.6	2		1			*			00.0			R	13.21	S	29	S	0.11	15.5		
30	09	64	15.5	IN	0014	37	03.0	76	39.6	2		1			*			02.0			R	13.23	S	31	S	0.11	15.6		
30	09	64	16.0	IN	0014	37	03.0	76	39.6	2		1			*			00.0	T	22.30	R	13.07	S	32	S	0.15	16.0		
30	09	64	16.0	IN	0014	37	03.0	76	39.6	2		1			*			02.0	T	22.20	R	13.08	S	32	S	0.14	16.1		
30	09	64	16.5	IN	0014	37	03.0	76	39.6	2		1			*			00.0	T	21.80	R	13.04	S	32	S	0.25	16.5		
30	09	64	16.5	IN	0014	37	03.0	76	39.6	2		1			*			02.0	T	22.30	R	13.05	S	32	S	0.20	16.6		
30	09	64	17.0	IN	0014	37	03.0	76	39.6	2		*			*	0.3		00.0	T	21.90	R	13.03	S	31	S	0.25	17.0		
30	09	64	17.0	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	22.30	R	13.03	S	32	S	0.15	17.1		
30	09	64	17.5	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.80	R	13.09	S	31	S	0.25	17.5		
30	09	64	17.5	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	22.30	R	13.10	S	32	S	0.20	17.6		
30	09	64	18.0	IN	0014	37	03.0	76	39.6	2		*			*	0.2		00.0	T	21.80	R	13.37	S	31	S	0.20	18.0		
30	09	64	18.0	IN	0014	37	03.0	76	39.6	2		*			*	0.2		02.0	T	21.80	R	8.16	S	31	S	0.25	18.1		
30	09	64	18.5	IN	0014	37	03.0	76	39.6	2		*			*			00.0			R	13.36	S	36		*	*		
30	09	64	18.5	IN	0014	37	03.0	76	39.6	2		*			*			02.0			R	13.58		*		*	*		
30	09	64	19.0	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	22.10	R	13.68	S	99		*	*		
30	09	64	19.0	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	22.20	R	13.68		*		*	*		
30	09	64	19.5	IN	0014	37	03.0	76	39.6	2		*			*			00.0			R	13.72		*		*	*		
30	09	64	19.5	IN	0014	37	03.0	76	39.6	2		*			*			02.0			R	13.72		*		*	*		
30	09	64	20.0	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.90	R	13.74		*		*	*		
30	09	64	20.0	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	21.90	R	13.73		*		*	*		
30	09	64	20.5	IN	0014	37	03.0	76	39.6	2		*			*			00.0			R	13.73	S	18	S	0.10	20.5		
30	09	64	20.5	IN	0014	37	03.0	76	39.6	2		*			*			02.0			R	13.73	S	14	S	0.05	20.6		
30	09	64	21.0	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.70	R	13.71	S	05	S	0.09	21.0		
30	09	64	21.0	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	21.80	R	13.71	S	11	S	0.08	21.1		
30	09	64	21.5	IN	0014	37	03.0	76	39.6	2		*			*			00.0			R	13.69	S	05	S	0.07	21.5		
30	09	64	21.5	IN	0014	37	03.0	76	39.6	2		*			*			02.0			R	13.69	S	11	S	0.09	21.6		
30	09	64	22.0	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.60	R	13.40	S	05	S	0.08	22.0		
30	09	64	22.0	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	21.70	R	13.37	S	11	S	0.15	22.1		
30	09	64	22.5	IN	0014	37	03.0	76	39.6	2		*			*			00.0			R	13.25	S	05	S	0.10	22.5		
30	09	64	22.5	IN	0014	37	03.0	76	39.6	2		*			*			02.0			R	13.25	S	14	S	0.18	22.6		
30	09	64	23.0	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.70	R	13.20	S	03	S	0.08	23.0		
30	09	64	23.0	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	21.60	R	13.20	S	14	S	0.22	23.1		
30	09	64	23.5	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.60	R	13.00	S	32	S	0.05	23.5		
30	09	64	23.5	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	21.70	R	12.98	S	14	S	0.25	23.6		
01	10	64	00.0	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.40	R	12.86	S	99	S	0.05	00.0		
01	10	64	00.0	IN	0014	37	03.0	76	39.6	2		5			*			02.0	T	21.60	R	12.90	S	14	S	0.20	00.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
01	10	64	00.5	IN	0014	37	03.0	76	39.6	*2		5	19	19	02			00.0	T	21.30	R	12.86	S	99	S	0.05	00.5		
01	10	64	00.5	IN	0014	37	03.0	76	39.6	*2		5	19	19	02			02.0	T	21.40	R	12.78	S	14	S	0.18	00.6		
01	10	64	01.0	IN	0014	37	03.0	76	39.6	*2		*	18	24	04			00.0			R	12.92	S	99	S	0.06	01.0		
01	10	64	01.0	IN	0014	37	03.0	76	39.6	*2		*	18	24	04			02.0			R	13.02	S	14	S	0.15	01.1		
01	10	64	01.5	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.20	R	13.14	S	99	S	0.07	01.5		
01	10	64	01.5	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	21.60	R	13.11	S	14	S	0.20	01.6		
01	10	64	02.0	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.40	R	12.81	S	18	S	0.03	02.0		
01	10	64	02.0	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	21.60	R	12.95	S	14	S	0.06	02.1		
01	10	64	02.5	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.30	R	12.76	S	23	S	0.10	02.5		
01	10	64	02.5	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	21.70	R	12.81	S	27	S	0.15	02.6		
01	10	64	03.0	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.60	R	12.78	S	27	S	0.05	03.0		
01	10	64	03.0	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	21.80	R	12.80	S	29	S	0.10	03.1		
01	10	64	03.5	IN	0014	37	03.0	76	39.6	2		*			*			00.0	T	21.60	R	12.77	S	99	S	0.12	03.5		
01	10	64	03.5	IN	0014	37	03.0	76	39.6	2		*			*			02.0	T	21.70	R	12.59	S	30	S	0.15	03.6		
30	09	64	15.0	LA	0014	37	03.5	76	39.1	*4		1	20	14	04	0.8		00.0	T	22.30	R	12.39	V	08	V	0.10	15.2		
30	09	64	15.0	LA	0014	37	03.5	76	39.1	*4		1	20	14	04	0.8		02.0	T	22.30	R	12.46	V	07	V	0.11	15.2		
30	09	64	15.0	LA	0014	37	03.5	76	39.1	*4		1	20	14	04	0.8		04.0	T	22.30	R	12.63	V	05	V	0.14	15.3		
30	09	64	15.5	LA	0014	37	03.5	76	39.1	4		1			*			00.0	T	22.20	R	12.44	V	08	V	0.19	15.7		
30	09	64	15.5	LA	0014	37	03.5	76	39.1	4		1			*			02.0	T	22.30	R	12.44	V	06	V	0.21	15.7		
30	09	64	15.5	LA	0014	37	03.5	76	39.1	4		1			*			04.0	T	22.30	R	12.49	V	05	V	0.18	15.8		
30	09	64	16.0	LA	0014	37	03.5	76	39.1	*4		1	19	24	03	0.7		00.0	T	22.10	R	12.58		*	V	0.25	16.1		
30	09	64	16.0	LA	0014	37	03.5	76	39.1	*4		1	19	24	03	0.7		02.0	T	22.10	R	12.59	V	07	V	0.20	16.1		
30	09	64	16.0	LA	0014	37	03.5	76	39.1	*4		1	19	24	03	0.7		04.0	T	22.20	R	12.60	V	06	V	0.22	16.2		
30	09	64	16.5	LA	0014	37	03.5	76	39.1	4		1			*			00.0	T	22.20	R	12.93	V	05	V	0.27	16.6		
30	09	64	16.5	LA	0014	37	03.5	76	39.1	4		1			*			02.0	T	22.20	R	13.25	V	06	V	0.32	16.7		
30	09	64	16.5	LA	0014	37	03.5	76	39.1	4		1			*			04.0	T	22.20	R	13.31	V	06	V	0.27	16.7		
30	09	64	17.0	LA	0014	37	03.5	76	39.1	*4		1	18	24	05	0.7		00.0	T	22.10	R	13.57	V	06	V	0.33	17.0		
30	09	64	17.0	LA	0014	37	03.5	76	39.1	*4		1	18	24	05	0.7		02.0	T	22.20	R	13.61	V	06	V	0.34	17.0		
30	09	64	17.0	LA	0014	37	03.5	76	39.1	*4		1	18	24	05	0.7		04.0	T	22.20	R	13.65	V	06	V	0.24	17.1		
30	09	64	17.5	LA	0014	37	03.5	76	39.1	4		1			*			00.0	T	22.20	R	13.71	V	06	V	0.34	17.5		
30	09	64	17.5	LA	0014	37	03.5	76	39.1	4		1			*			02.0	T	22.20	R	13.75	V	06	V	0.31	17.5		
30	09	64	17.5	LA	0014	37	03.5	76	39.1	4		1			*			04.0	T	22.20	R	13.78	V	06	V	0.21	17.5		
30	09	64	18.0	LA	0014	37	03.5	76	39.1	4		3	18	3	08			00.0	T	22.10	R	13.96	V	10	V	0.30	18.0		
30	09	64	18.0	LA	0014	37	03.5	76	39.1	4		3	18	3	08			02.0	T	22.10	R	13.98	V	06	V	0.58	18.1		
30	09	64	18.0	LA	0014	37	03.5	76	39.1	4		3	18	3	08			04.0	T	22.20	R	13.98	V	04	V	0.23	18.2		
30	09	64	18.5	LA	0014	37	03.5	76	39.1	4		3			*			00.0	T	22.10	R	14.03	V	05	V	0.30	18.6		
30	09	64	18.5	LA	0014	37	03.5	76	39.1	4		3			*			02.0	T	22.10	R	14.03	V	06	V	0.30	18.6		
30	09	64	18.5	LA	0014	37	03.5	76	39.1	4		3			*			04.0	T	22.10	R	14.03	V	04	V	0.22	18.7		
30	09	64	19.0	LA	0014	37	03.5	76	39.1	4		3	18	3	06			00.0	T	22.10	R	14.09	V	11	V	0.19	19.0		
30	09	64	19.0	LA	0014	37	03.5	76	39.1	4		3	18	3	06			02.0	T	22.10	R	14.17	V	05	V	0.24	19.1		
30	09	64	19.0	LA	0014	37	03.5	76	39.1	4		3	18	3	06			04.0	T	22.10	R	14.27	V	06	V	0.14	19.2		
30	09	64	19.5	LA	0014	37	03.5	76	39.1	4		3			*			00.0	T	22.00	R	14.08	V	02	V	0.22	19.6		
30	09	64	19.5	LA	0014	37	03.5	76	39.1	4		3			*			02.0	T	22.10	R	14.09	V	05	V	0.16	19.7		
30	09	64	19.5	LA	0014	37	03.5	76	39.1	4		3			*			04.0	T	22.10	R	14.36	V	07	V	0.10	19.8		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
30	09	64	20.0	LA	0014	37	03.5	76	39.1	4		4	19	4	06			00.0	T	22.00	R	14.18	V	20	V	0.08	20.2		
30	09	64	20.0	LA	0014	37	03.5	76	39.1	4		4	19	4	06			02.0	T	22.00	R	14.31	V	32	V	0.11	20.3		
30	09	64	20.0	LA	0014	37	03.5	76	39.1	4		4	19	4	06			04.0	T	22.00	R	14.68	V	08	V	0.17	20.4		
30	09	64	20.5	LA	0014	37	03.5	76	39.1	4		4			*			00.0	T	22.00	R	14.39	V	14	V	0.16	20.7		
30	09	64	20.5	LA	0014	37	03.5	76	39.1	4		4			*			02.0	T	22.00	R	14.68	V	07	V	0.11	20.7		
30	09	64	20.5	LA	0014	37	03.5	76	39.1	4		4			*			04.0	T	22.00	R	15.08	V	06	V	0.10	20.8		
30	09	64	21.1	LA	0014	37	03.5	76	39.1	*4		4	18	21	04			00.0	T	21.90	R	14.19	V	03	V	0.10	21.1		
30	09	64	21.1	LA	0014	37	03.5	76	39.1	*4		4	18	21	04			02.0	T	22.00	R	14.45	V	29	V	0.04	21.2		
30	09	64	21.1	LA	0014	37	03.5	76	39.1	*4		4	18	21	04			04.0	T	22.00	R	15.30	V	10	V	0.07	21.3		
30	09	64	21.5	LA	0014	37	03.5	76	39.1	4		4			*			00.0	T	21.90	R	14.22	V	17	V	0.10	21.6		
30	09	64	21.5	LA	0014	37	03.5	76	39.1	4		4			*			02.0	T	22.00	R	15.04	V	30	V	0.07	21.6		
30	09	64	21.5	LA	0014	37	03.5	76	39.1	4		4			*			04.0	T	21.90	R	15.55	V	09	V	0.05	21.7		
30	09	64	22.0	LA	0014	37	03.5	76	39.1	*4		4	18	20	04			00.0	T	21.90	R	14.33	V	13	V	0.14	22.1		
30	09	64	22.0	LA	0014	37	03.5	76	39.1	*4		4	18	20	04			02.0	T	21.90	R	14.84	V	28	V	0.04	22.1		
30	09	64	22.0	LA	0014	37	03.5	76	39.1	*4		4	18	20	04			04.0	T	21.90	R	15.60	V	32	V	0.08	22.1		
30	09	64	22.5	LA	0014	37	03.5	76	39.1	4		5			*			00.0	T	21.90	R	14.18	V	*	V	0.15	22.5		
30	09	64	22.5	LA	0014	37	03.5	76	39.1	4		5			*			02.0	T	21.90	R	15.47	V	10	V	0.03	22.5		
30	09	64	22.5	LA	0014	37	03.5	76	39.1	4		5			*			03.0	T	21.90	R	15.62	V	14	V	0.06	22.6		
30	09	64	23.0	LA	0014	37	03.5	76	39.1	*4		5	19	25	03			00.0	T	21.90	R	14.31	V	26	V	0.18	23.0		
30	09	64	23.0	LA	0014	37	03.5	76	39.1	*4		5	19	25	03			02.0	T	21.90	R	15.21	V	22	V	0.03	23.0		
30	09	64	23.0	LA	0014	37	03.5	76	39.1	*4		5	19	25	03			03.0	T	21.90	R	15.61	V	31	V	0.01	23.0		
30	09	64	23.5	LA	0014	37	03.5	76	39.1	4		5			*			00.0	T	21.90	R	14.14	V	23	V	0.21	23.5		
30	09	64	23.5	LA	0014	37	03.5	76	39.1	4		5			*			02.0	T	21.90	R	14.12	V	25	V	0.26	23.5		
30	09	64	23.5	LA	0014	37	03.5	76	39.1	4		5			*			03.0	T	21.90	R	14.80	V	27	V	0.15	23.6		
01	10	64	00.0	LA	0014	37	03.5	76	39.1	*4		5	19	19	02			00.0	T	21.90	R	13.60	F	35	F	0.23	00.1		
01	10	64	00.0	LA	0014	37	03.5	76	39.1	*4		5	19	19	02			02.0	T	21.90	R	13.93		*		*	*		
01	10	64	00.0	LA	0014	37	03.5	76	39.1	*4		5	19	19	02			03.0	T	21.90	R	14.39		*		*	*		
01	10	64	01.0	LA	0014	37	03.5	76	39.1	*4		6	18	24	04			00.0	T	21.90	R	13.59	V	18	V	0.28	01.0		
01	10	64	01.0	LA	0014	37	03.5	76	39.1	*4		6	18	24	04			00.0		•			F	36	F	0.34	01.3		
01	10	64	01.0	LA	0014	37	03.5	76	39.1	*4		6	18	24	04			02.0	T	21.90	R	13.58	V	25	V	0.40	01.0		
01	10	64	01.0	LA	0014	37	03.5	76	39.1	*4		6	18	24	04			03.0	T	21.90	R	13.55	V	25	V	0.40	01.1		
01	10	64	01.5	LA	0014	37	03.5	76	39.1	4		6			*			00.0	T	21.90	R	13.36	V	18	V	0.33	01.5		
01	10	64	01.5	LA	0014	37	03.5	76	39.1	4		6			*			02.0	T	21.90	R	13.40	V	23	V	0.38	01.5		
01	10	64	01.5	LA	0014	37	03.5	76	39.1	4		6			*			03.0	T	21.90	R	13.48	V	25	V	0.30	01.6		
01	10	64	02.0	LA	0014	37	03.5	76	39.1	*4		7	18	25	03			00.0	T	21.90	R	13.28	V	18	V	0.25	02.0		
01	10	64	02.0	LA	0014	37	03.5	76	39.1	*4		7	18	25	03			02.0	T	21.90	R	13.27	V	24	V	0.17	02.0		
01	10	64	02.0	LA	0014	37	03.5	76	39.1	*4		7	18	25	03			03.0	T	21.90	R	13.28	V	26	V	0.15	02.1		
01	10	64	02.5	LA	0014	37	03.5	76	39.1	4		7			*			00.0	T	21.90	R	13.17	V	20	V	0.30	02.5		
01	10	64	02.5	LA	0014	37	03.5	76	39.1	4		7			*			02.0	T	21.90	R	13.12	V	25	V	0.13	02.6		
01	10	64	02.5	LA	0014	37	03.5	76	39.1	4		7			*			03.0	T	21.90	R	13.17	V	27	V	0.13	02.7		
01	10	64	03.0	LA	0014	37	03.5	76	39.1	4		*	19	4	06			00.0	T	21.90	R	13.05	V	24	V	0.20	03.0		
01	10	64	03.0	LA	0014	37	03.5	76	39.1	4		*	19	4	06			02.0	T	21.90	R	13.09	V	24	V	0.12	03.1		
01	10	64	03.0	LA	0014	37	03.5	76	39.1	4		*	19	4	06			03.0	T	21.90	R	13.06	V	27	V	0.10	03.1		
30	09	64	15.5	BR	0014	37	04.0	76	38.7	2		*			*	0.8		00.0	T	22.10	R	13.62	P	34	D	0.15	15.6		
30	09	64	15.5	BR	0014	37	04.0	76	38.7	2		*			*	0.8		01.5	B	32.50	R	13.59	Y	34	Y	0.43	15.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
30	09	64	16.0	BR	0014	37	04.0	76	38.7	2		*			*	0.6		00.0	T	22.10	R	13.70	P	33	D	0.19	16.0	
30	09	64	16.0	BR	0014	37	04.0	76	38.7	2		*			*	0.6		01.5	B	31.92	R	13.77	Y	34	Y	0.42	16.0	
30	09	64	16.5	BR	0014	37	04.0	76	38.7	*2		3	19	24	03			00.0	T	22.20	R	14.04	P	33	D	0.20	16.5	
30	09	64	16.5	BR	0014	37	04.0	76	38.7	*2		3	19	24	03			01.5	B	23.12	R	14.04	Y	34	Y	0.40	16.5	
30	09	64	17.0	BR	0014	37	04.0	76	38.7	*2		3	18	24	05	0.6		00.0	T	22.20	R	14.29	P	32	D	0.21	17.0	
30	09	64	17.0	BR	0014	37	04.0	76	38.7	*2		3	18	24	05	0.6		01.5	B	23.12	R	14.28	Y	34	Y	0.40	17.0	
30	09	64	17.5	BR	0014	37	04.0	76	38.7	2		3			*			00.0			R	14.46	P	34	D	0.16	17.5	
30	09	64	17.5	BR	0014	37	04.0	76	38.7	2		3			*			01.5			R	14.54	Y	34	Y	0.40	17.5	
30	09	64	18.0	BR	0014	37	04.0	76	38.7	2		4			*			00.0	T	22.10	R	14.70	P	33		*	*	
30	09	64	18.0	BR	0014	37	04.0	76	38.7	2		4			*			01.5	T	23.12	R	14.69	Y	36	Y	0.38	18.0	
30	09	64	18.5	BR	0014	37	04.0	76	38.7	2		4			*			00.0			R	15.07		*	Y	0.35	18.5	
30	09	64	18.5	BR	0014	37	04.0	76	38.7	2		4			*			01.5			R	15.08	Y	36	Y	0.38	18.5	
30	09	64	19.0	BR	0014	37	04.0	76	38.7	2		5			*			00.0	B	23.12	R	15.25		*		*	*	
30	09	64	19.0	BR	0014	37	04.0	76	38.7	2		5			*			01.5	B	23.12	R	15.25	Y	34	Y	0.33	19.0	
30	09	64	20.0	BR	0014	37	04.0	76	38.7	2		*			*			00.0	T	19.60	R	15.64	P	32	D	0.13	20.0	
30	09	64	20.0	BR	0014	37	04.0	76	38.7	2		*			*			01.5	B	29.52	R	15.72	Y	35	Y	0.14	20.0	
30	09	64	20.5	BR	0014	37	04.0	76	38.7	2		4			*			00.0			R	15.84	P	25	D	0.09	20.5	
30	09	64	20.5	BR	0014	37	04.0	76	38.7	2		4			*			01.5			R	15.77	Y	29	Y	0.08	20.5	
30	09	64	21.0	BR	0014	37	04.0	76	38.7	2		5			*			00.0	T	21.60	R	15.75	P	18	D	0.17	21.1	
30	09	64	21.0	BR	0014	37	04.0	76	38.7	2		5			*			01.5	B	28.36	R	15.80	Y	21	Y	0.10	21.0	
30	09	64	21.5	BR	0014	37	04.0	76	38.7	2		5			*			00.0			R	15.43	P	18	D	0.19	21.5	
30	09	64	21.5	BR	0014	37	04.0	76	38.7	2		5			*			01.5			R	15.43	Y	15	Y	0.20	21.5	
30	09	64	22.0	BR	0014	37	04.0	76	38.7	2		5			*			00.0	T	21.40	R	15.31	P	18	D	0.19	22.0	
30	09	64	22.0	BR	0014	37	04.0	76	38.7	2		5			*			01.5	B	27.76	R	15.06	Y	17	Y	0.20	22.0	
30	09	64	22.5	BR	0014	37	04.0	76	38.7	2		5			*			00.0			R	14.94	P	17	D	0.23	22.5	
30	09	64	22.5	BR	0014	37	04.0	76	38.7	2		5			*			01.5			R	14.97	Y	16	Y	0.25	22.5	
30	09	64	23.0	BR	0014	37	04.0	76	38.7	2		5			*			00.0	T	21.40	R	14.71	P	17	D	0.20	23.0	
30	09	64	23.0	BR	0014	37	04.0	76	38.7	2		5			*			01.5	B	27.48	R	14.51	Y	16	Y	0.28	23.0	
30	09	64	23.5	BR	0014	37	04.0	76	38.7	2		5			*			00.0			R	14.46	P	17	D	0.18	23.5	
30	09	64	23.5	BR	0014	37	04.0	76	38.7	2		5			*			01.5			R	14.47	Y	16	Y	0.25	23.5	
01	10	64	00.0	BR	0014	37	04.0	76	38.7	*2		5	19	19	02			00.0	T	21.80	R	14.07	P	17	D	0.15	00.0	
01	10	64	00.0	BR	0014	37	04.0	76	38.7	*2		5	19	19	02			01.5	B	23.12	R	14.09	Y	16	Y	0.20	00.0	
01	10	64	00.5	BR	0014	37	04.0	76	38.7	2		5			*			00.0			R	13.53	P	18	D	0.15	00.5	
01	10	64	00.5	BR	0014	37	04.0	76	38.7	2		5			*			01.5			R	13.55	Y	16	Y	0.18	00.5	
01	10	64	01.0	BR	0014	37	04.0	76	38.7	*2		7	18	24	04			00.0	T	21.70	R	13.50	P	19	D	0.03	01.0	
01	10	64	01.0	BR	0014	37	04.0	76	38.7	*2		7	18	24	04			01.5	B	22.80	R	13.49	Y	18	Y	0.15	01.0	
01	10	64	01.5	BR	0014	37	04.0	76	38.7	2		7			*			00.0			R	13.59	P	20	D	0.07	01.5	
01	10	64	01.5	BR	0014	37	04.0	76	38.7	2		7			*			01.5			R	13.62	Y	18	Y	0.08	01.5	
01	10	64	02.0	BR	0014	37	04.0	76	38.7	2		7			*			00.0	T	21.70	R	13.86	P	22	D	0.07	02.0	
01	10	64	02.0	BR	0014	37	04.0	76	38.7	2		7			*			01.5	B	22.80	R	13.85	Y	25	Y	0.10	02.0	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
01	10	64	02.5	BR	0014	37	04.0	76	38.7	2		7			*			00.0			R	13.69	P	26	D	0.10	02.5	
01	10	64	02.5	BR	0014	37	04.0	76	38.7	2		7			*			01.5			R	13.68	Y	27	Y	0.12	02.5	
01	10	64	03.0	BR	0014	37	04.0	76	38.7	2		1			*			00.0	T	21.80	R	13.84	P	27	D	0.14	03.0	
01	10	64	03.0	BR	0014	37	04.0	76	38.7	2		1			*			01.5	B	22.60			Y	27	Y	0.15	03.0	
30	09	64	15.5	ML	0014	37	05.7	76	36.2	2		2			*			00.0			R	13.26	L	31	D	0.30	15.7	
30	09	64	15.5	ML	0014	37	05.7	76	36.2	2		2			*			02.0			R	13.30	Y	32	Y	0.28	15.6	
30	09	64	16.0	ML	0014	37	05.7	76	36.2	2		2			*			00.0			R	13.54	L	32	D	0.29	16.0	
30	09	64	16.0	ML	0014	37	05.7	76	36.2	2		2			*			02.0			R	13.55	Y	32	Y	0.34	16.0	
30	09	64	16.5	ML	0014	37	05.7	76	36.2	2		2			*			00.0			R	13.82	L	31	D	0.23	16.6	
30	09	64	16.5	ML	0014	37	05.7	76	36.2	2		2			*			02.0			R	13.81	Y	32	Y	0.28	16.5	
30	09	64	17.0	ML	0014	37	05.7	76	36.2	2		2			*			00.0			R	14.08	L	31	D	0.19	17.1	
30	09	64	17.0	ML	0014	37	05.7	76	36.2	2		2			*			02.0			R	14.18	Y	32	Y	0.26	17.0	
30	09	64	17.5	ML	0014	37	05.7	76	36.2	2		3			*			00.0			R	14.44	L	30	D	0.19	17.6	
30	09	64	17.5	ML	0014	37	05.7	76	36.2	2		3			*			02.0			R	14.49	Y	32	Y	0.23	17.5	
30	09	64	18.0	ML	0014	37	05.7	76	36.2	2		3			*			00.0			R	14.55	L	31	D	0.15	18.1	
30	09	64	18.0	ML	0014	37	05.7	76	36.2	2		3			*			02.0			R	14.55	Y	32	Y	0.15	18.0	
30	09	64	18.5	ML	0014	37	05.7	76	36.2	2		3			*			00.0			R	14.61	L	32	D	0.09	18.7	
30	09	64	18.5	ML	0014	37	05.7	76	36.2	2		3			*			02.0			R	14.62	Y	32	Y	0.15	18.5	
30	09	64	19.0	ML	0014	37	05.7	76	36.2	2		3			*			00.0			R	14.70	L	31	D	0.00	19.1	
30	09	64	19.0	ML	0014	37	05.7	76	36.2	2		3			*			02.0			R	14.71	Y	32	Y	0.15	19.0	
30	09	64	19.5	ML	0014	37	05.7	76	36.2	2		4			*			00.0			R	14.72	L	24	D	0.00	19.7	
30	09	64	19.5	ML	0014	37	05.7	76	36.2	2		4			*			02.0			R	14.76	Y	04	Y	0.07	19.5	
30	09	64	20.0	ML	0014	37	05.7	76	36.2	2		4			*			00.0			R	14.71	L	20	D	0.00	20.1	
30	09	64	20.0	ML	0014	37	05.7	76	36.2	2		4			*			02.0			R	14.71	Y	27	Y	0.10	20.0	
30	09	64	20.5	ML	0014	37	05.7	76	36.2	2		5			*			00.0			R	14.68	L	15	D	0.14	20.7	
30	09	64	20.5	ML	0014	37	05.7	76	36.2	2		5			*			02.0			R	14.86	Y	18	Y	0.15	20.6	
30	09	64	21.0	ML	0014	37	05.7	76	36.2	2		5			*			00.0			R	14.48	L	15	D	0.22	21.1	
30	09	64	21.0	ML	0014	37	05.7	76	36.2	2		5			*			02.0			R	14.72	Y	14	Y	0.13	21.0	
30	09	64	21.5	ML	0014	37	05.7	76	36.2	2		6			*			00.0			R	14.18	L	15	D	0.29	21.5	
30	09	64	21.5	ML	0014	37	05.7	76	36.2	2		6			*			02.0			R	14.38	Y	15	Y	0.20	21.5	
30	09	64	22.0	ML	0014	37	05.7	76	36.2	2		7			*			00.0			R	14.06	L	14	D	0.28	22.0	
30	09	64	22.0	ML	0014	37	05.7	76	36.2	2		7			*			02.0			R	14.06	Y	14	Y	0.27	22.0	
30	09	64	22.5	ML	0014	37	05.7	76	36.2	2		7			*			00.0			R	14.01	L	15	D	0.24	22.6	
30	09	64	22.5	ML	0014	37	05.7	76	36.2	2		7			*			02.0			R	14.05	Y	13	Y	0.25	22.5	
30	09	64	23.0	ML	0014	37	05.7	76	36.2	2		7			*			00.0				13.94	L	14	D	0.19	23.1	
30	09	64	23.0	ML	0014	37	05.7	76	36.2	2		7			*			02.0			R	13.92	Y	14	Y	0.20	23.0	
30	09	64	23.5	ML	0014	37	05.7	76	36.2	2		7			*			00.0			R	13.94	L	15	D	0.19	23.6	
30	09	64	23.5	ML	0014	37	05.7	76	36.2	2		7			*			02.0			R	13.95	Y	14	Y	0.17	23.5	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
01	10	64	00.0	ML	0014	37	05.7	76	36.2	2		7			*			00.0			R	13.96	L	16	D	0.16	00.1		
01	10	64	00.0	ML	0014	37	05.7	76	36.2	2		7			*			02.0			R	13.92	Y	16	Y	0.20	00.0		
01	10	64	00.5	ML	0014	37	05.7	76	36.2	2		7			*			00.0			R	13.40	L	14	D	0.18	00.5		
01	10	64	00.5	ML	0014	37	05.7	76	36.2	2		7			*			02.0			R	13.39	Y	13	Y	0.20	00.5		
01	10	64	01.0	ML	0014	37	05.7	76	36.2	2		8			*			00.0			R	13.07	L	14	D	0.00	01.0		
01	10	64	01.0	ML	0014	37	05.7	76	36.2	2		8			*			02.0			R	13.10	Y	12	Y	0.17	01.0		
01	10	64	01.5	ML	0014	37	05.7	76	36.2	2		8			*			00.0			R	12.80	L	15	D	0.00	01.6		
01	10	64	01.5	ML	0014	37	05.7	76	36.2	2		8			*			02.0			R	12.82	Y	13	Y	0.07	01.5		
01	10	64	02.0	ML	0014	37	05.7	76	36.2	2		8			*			00.0				12.89	L	*	D	0.00	02.1		
01	10	64	02.0	ML	0014	37	05.7	76	36.2	2		8			*			02.0			R	13.05	Y	13	Y	0.15	02.0		
01	10	64	02.5	ML	0014	37	05.7	76	36.2	2		1			*			00.0			R	12.94	L	27	D	0.00	02.5		
01	10	64	02.5	ML	0014	37	05.7	76	36.2	2		1			*			02.0			R	13.81	Y	34	Y	0.07	02.5		
01	10	64	03.0	ML	0014	37	05.7	76	36.2	2		1			*			00.0			R	13.24	L	30	D	0.11	03.1		
01	10	64	03.0	ML	0014	37	05.7	76	36.2	2		1			*			02.0			R	13.29	Y	34	Y	0.12	03.0		
01	10	64	03.5	ML	0014	37	05.7	76	36.2	2		1			*			00.0			R	13.71	L	32	D	0.14	03.6		
01	10	64	03.5	ML	0014	37	05.7	76	36.2	2		1			*			02.0			R	13.78	Y	33	Y	0.15	03.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
29	09	64	17.5	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	33	G	0.40	17.5	
29	09	64	17.5	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	34	G	0.40	17.5	
29	09	64	17.5	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	33	G	0.30	17.6	
29	09	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	33	G	0.30	18.0	
29	09	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	35	G	0.20	18.5	
29	09	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	32	G	0.20	18.0	
29	09	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	03	G	0.10	18.5	
29	09	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	31	G	0.20	18.0	
29	09	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	31	G	0.10	18.5	
29	09	64	19.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	36	G	0.01	*	
29	09	64	19.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	02	G	0.01	*	
29	09	64	19.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	01	G	0.05	*	
29	09	64	19.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	00	G	0.00	*	
29	09	64	19.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	00	G	0.00	*	
29	09	64	19.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	00	G	0.00	*	
29	09	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	12	G	0.15	20.0	
29	09	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	14	G	0.25	20.5	
29	09	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	12	G	0.05	20.0	
29	09	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	14	G	0.15	20.5	
29	09	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			06.0					G	20	G	0.05	20.0	
29	09	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			06.0					G	17	G	0.10	20.6	
29	09	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			02.0					G	14	G	0.35	21.0	
29	09	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			02.0					G	18	G	0.40	21.5	
29	09	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			04.0					G	16	G	0.30	21.0	
29	09	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			04.0					G	16	G	0.40	21.5	
29	09	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			06.0					G	17	G	0.15	21.0	
29	09	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			06.0					G	16	G	0.20	21.5	
29	09	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			02.0					G	18	G	0.50	22.0	
29	09	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			02.0					G	18	G	0.50	22.5	
29	09	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			04.0					G	16	G	0.45	22.0	
29	09	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			04.0					G	16	G	0.40	22.5	
29	09	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			06.0					G	15	G	0.30	22.0	
29	09	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		20	03			06.0					G	17	G	0.40	22.6	
29	09	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		22	05			02.0					G	17	G	0.45	23.0	
29	09	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		22	05			02.0					G	16	G	0.45	23.5	
29	09	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		22	05			04.0					G	17	G	0.40	23.0	
29	09	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		22	05			04.0					G	17	G	0.45	23.5	
29	09	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		22	05			06.0					G	16	G	0.25	23.0	
29	09	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		22	05			06.0					G	16	G	0.25	23.6	
30	09	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			02.0					G	17	G	0.40	00.0	
30	09	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			02.0					G	16	G	0.30	00.5	
30	09	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			04.0					G	16	G	0.40	00.0	
30	09	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			04.0					G	16	G	0.30	00.5	
30	09	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			06.0					G	16	G	0.30	00.0	
30	09	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			06.0					G	17	G	0.20	00.6	
30	09	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			02.0					G	16	G	0.25	01.0	
30	09	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			02.0					G	19	G	0.15	01.5	
30	09	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			04.0					G	15	G	0.25	01.0	
30	09	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			04.0					G	19	G	0.20	01.5	
30	09	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			06.0					G	20	G	0.05	01.0	
30	09	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			06.0					G	00	G	0.00	01.6	
30	09	64	02.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	00	G	0.00	02.0	
30	09	64	02.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	00	G	0.00	02.5	
30	09	64	02.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	18	G	0.05	02.0	
30	09	64	02.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	00	G	0.00	02.5	
30	09	64	02.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	15	G	0.05	02.0	
30	09	64	02.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	31	G	0.05	02.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
30	09	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	34	G	0.10	03.0		
30	09	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	34	G	0.20	03.5		
30	09	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	32	G	0.15	03.0		
30	09	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	33	G	0.20	03.5		
30	09	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	30	G	0.15	03.0		
30	09	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	34	G	0.30	03.6		
30	09	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			02.0					G	34	G	0.25	04.0		
30	09	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			02.0					G	34	G	0.35	04.5		
30	09	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			04.0					G	32	G	0.30	04.0		
30	09	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			04.0					G	33	G	0.25	04.5		
30	09	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			06.0					G	30	G	0.40	04.0		
30	09	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			06.0					G	34	G	0.30	04.6		
30	09	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	34	G	0.30	05.0		
30	09	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	33	G	0.30	05.5		
30	09	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	35	G	0.45	05.0		
30	09	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	35	G	0.40	05.5		
30	09	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	34	G	0.40	05.0		
30	09	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	35	G	0.40	05.6		
30	09	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	34	G	0.30	06.0		
30	09	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	34	G	0.25	06.5		
30	09	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	34	G	0.35	06.0		
30	09	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	35	G	0.30	06.5		
30	09	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	34	G	0.35	06.0		
30	09	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	34	G	0.30	06.6		
30	09	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	34	G	0.15	07.0		
30	09	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	35	G	0.10	07.5		
30	09	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	34	G	0.25	07.0		
30	09	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	35	G	0.10	07.5		
30	09	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	35	G	0.25	07.0		
30	09	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	36	G	0.15	07.6		
30	09	64	08.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	00	G	0.00	08.0		
30	09	64	08.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	16	G	0.10	08.5		
30	09	64	08.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	00	G	0.00	08.0		
30	09	64	08.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	13	G	0.10	08.5		
30	09	64	08.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	00	G	0.00	08.0		
30	09	64	08.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	00	G	0.00	08.5		
30	09	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		25	07			02.0					G	15	G	0.25	09.0		
30	09	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		25	07			02.0					G	16	G	0.40	09.5		
30	09	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		25	07			04.0					G	14	G	0.20	09.0		
30	09	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		25	07			04.0					G	16	G	0.35	09.5		
30	09	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		25	07			06.0					G	18	G	0.10	09.0		
30	09	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		25	07			06.0					G	17	G	0.25	09.6		
30	09	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		25	04			00.0					G	15	G	0.50	10.0		
30	09	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		25	04			02.0					G	15	G	0.50	10.5		
30	09	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		25	04			04.0					G	16	G	0.40	10.0		
30	09	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		25	04			04.0					G	15	G	0.45	10.5		
30	09	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		25	04			06.0					G	15	G	0.40	10.0		
30	09	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		25	04			06.0					G	15	G	0.25	10.6		
30	09	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			02.0					G	15	G	0.50	11.0		
30	09	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			02.0					G	16	G	0.45	11.5		
30	09	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			04.0					G	15	G	0.45	11.0		
30	09	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			04.0					G	14	G	0.40	11.5		
30	09	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			06.0					G	16	G	0.20	11.0		
30	09	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			06.0					G	16	G	0.30	11.6		
30	09	64	12.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	15	G	0.50	12.0		
30	09	64	12.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	16	G	0.35	12.5		
30	09	64	12.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	13	G	0.45	12.0		
30	09	64	12.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	14	G	0.30	12.5		
30	09	64	12.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	14	G	0.30	12.0		
30	09	64	12.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	15	G	0.20	12.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
30	09	64	13.0	TB	0014	37	05.2	76	36.7	7		*		2	07			02.0					G	16	G	0.15	13.0	
30	09	64	13.0	TB	0014	37	05.2	76	36.7	7		*		2	07			02.0					G	00	G	0.00	13.5	
30	09	64	13.0	TB	0014	37	05.2	76	36.7	7		*		2	07			04.0					G	12	G	0.10	13.0	
30	09	64	13.0	TB	0014	37	05.2	76	36.7	7		*		2	07			04.0					G	34	G	0.05	13.5	
30	09	64	13.0	TB	0014	37	05.2	76	36.7	7		*		2	07			06.0					G	15	G	0.05	13.0	
30	09	64	13.0	TB	0014	37	05.2	76	36.7	7		*		2	07			06.0					G	34	G	0.15	13.6	
30	09	64	14.0	TB	0014	37	05.2	76	36.7	7		*		4	06			00.0			R	12.03		*		*	*	
30	09	64	14.0	TB	0014	37	05.2	76	36.7	7		*		4	06			02.0			R	12.35	G	34	G	0.15	14.0	
30	09	64	14.0	TB	0014	37	05.2	76	36.7	7		*		4	06			04.0			R	12.52	G	34	G	0.20	14.0	
30	09	64	14.0	TB	0014	37	05.2	76	36.7	7		*		4	06			06.0			R	12.78	G	35	G	0.35	14.0	
30	09	64	14.5	TB	0014	37	05.2	76	36.7			*		4	06			00.0			R	12.20		*		*	*	
30	09	64	14.5	TB	0014	37	05.2	76	36.7	7		*		4	06			02.0			R	12.22	G	32	G	0.25	14.5	
30	09	64	14.5	TB	0014	37	05.2	76	36.7	7		*		4	06			04.0			R	12.50	G	35	G	0.40	14.5	
30	09	64	14.5	TB	0014	37	05.2	76	36.7	7		*		4	06			06.0			R	13.28	G	34	G	0.40	14.6	
30	09	64	15.0	TB	0014	37	05.2	76	36.7	7		*		4	06			00.0			R	12.41		*		*	*	
30	09	64	15.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0			R	12.44	G	32	G	0.40	15.0	
30	09	64	15.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0			R	13.14	G	35	G	0.55	15.0	
30	09	64	15.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0			R	13.33	G	34	G	0.50	15.0	
30	09	64	15.5	TB	0014	37	05.2	76	36.7	7		*		4	04			00.0			R	12.85		*		*	*	
30	09	64	15.5	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0			R	12.90		*	G	0.45	15.5	
30	09	64	15.5	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0			R	13.60		*	G	0.60	15.5	
30	09	64	15.5	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0			R	13.82		*	G	0.55	15.6	
30	09	64	16.0	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	13.30		*		*	*	
30	09	64	16.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	13.76	G	34	G	0.45	16.0	
30	09	64	16.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	14.29	G	35	G	0.65	16.0	
30	09	64	16.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0			R	14.58	G	35	G	0.65	16.0	
30	09	64	16.5	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	13.84		*		*	*	
30	09	64	16.5	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	14.10	G	34	G	0.50	16.5	
30	09	64	16.5	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	14.81	G	35	G	0.65	16.5	
30	09	64	16.5	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0			R	15.17	G	35	G	0.60	16.6	
30	09	64	17.0	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	14.61		*		*	*	
30	09	64	17.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	14.57	G	35	G	0.55	17.0	
30	09	64	17.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	15.28	G	35	G	0.60	17.0	
30	09	64	17.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0			R	15.61	G	35	G	0.70	17.0	
30	09	64	17.5	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	15.44		*		*	*	
30	09	64	17.5	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	15.53	G	33	G	0.45	17.5	
30	09	64	17.5	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	15.83	G	35	G	0.50	17.5	
30	09	64	17.5	TB	0014	37	05.2	76	36.7	7		*			*			06.0			R	15.89	G	35	G	0.55	17.5	
30	09	64	18.0	TB	0014	37	05.2	76	36.7	7		*		4	09			00.0			R	15.56		*		*	*	
30	09	64	18.0	TB	0014	37	05.2	76	36.7	7		*		4	09			02.0			R	15.74	G	34	G	0.40	18.0	
30	09	64	18.0	TB	0014	37	05.2	76	36.7	7		*		4	09			04.0			R	15.99	G	35	G	0.45	18.0	
30	09	64	18.0	TB	0014	37	05.2	76	36.7	7		*		4	09			06.0			R	16.01	G	33	G	0.45	18.0	
30	09	64	18.5	TB	0014	37	05.2	76	36.7	7		*		4	04			00.0			R	15.91		*		*	*	
30	09	64	18.5	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0			R	15.89	G	33	G	0.30	18.5	
30	09	64	18.5	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0			R	16.18	G	35	G	0.40	18.5	
30	09	64	18.5	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0			R	16.19	G	33	G	0.40	18.6	
30	09	64	19.0	TB	0014	37	05.2	76	36.7	7		*		4	04			00.0			R	16.06		*		*	*	
30	09	64	19.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0			R	16.07	G	34	G	0.20	19.0	
30	09	64	19.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0			R	16.14	G	35	G	0.30	19.0	
30	09	64	19.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0			R	16.24	G	33	G	0.35	19.0	
30	09	64	19.5	TB	0014	37	05.2	76	36.7	7		*		4	04			00.0			R	16.22		*		*	*	
30	09	64	19.5	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0			R	16.27	G	33	G	0.15	19.5	
30	09	64	19.5	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0			R	16.31	G	34	G	0.20	19.5	
30	09	64	19.5	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0			R	16.32	G	34	G	0.20	19.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
30	09	64	20.0	TB	0014	37	05.2	76	36.7	7		*		4	04			00.0			R	16.23		*		*	*		
30	09	64	20.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0			R	16.22	G	33	G	0.10	20.0		
30	09	64	20.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0			R	16.28	G	35	G	0.15	20.0		
30	09	64	20.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0			R	16.41	G	35	G	0.10	20.0		
30	09	64	20.5	TB	0014	37	05.2	76	36.7	7		*		4	04			00.0			R	16.19		*		*	*		
30	09	64	20.5	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0			R	16.18	G	34	G	0.10	*		
30	09	64	20.5	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0			R	16.31	G	31	G	0.10	*		
30	09	64	20.5	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0			R	16.54	G	33	G	0.15	*		
30	09	64	21.0	TB	0014	37	05.2	76	36.7	7		*		4	04			00.0			R	16.14		*		*	*		
30	09	64	21.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0			R	16.14	G	25	G	0.05	21.0		
30	09	64	21.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0			R	16.33	G	06	G	0.05	21.0		
30	09	64	21.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0			R	16.71	G	00	G	0.05	21.0		
30	09	64	21.5	TB	0014	37	05.2	76	36.7	7		*		4	04			00.0			R	16.21		*		*	*		
30	09	64	21.5	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0			R	16.22	G	10	G	0.10	21.5		
30	09	64	21.5	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0			R	16.28	G	17	G	0.05	21.5		
30	09	64	21.5	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0			R	16.70	G	00	G	0.05	21.5		
30	09	64	22.0	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	15.47		*		*	*		
30	09	64	22.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	15.89	G	15	G	0.25	22.0		
30	09	64	22.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	16.10	G	12	G	0.20	22.0		
30	09	64	22.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0			R	16.35	G	17	G	0.10	22.0		
30	09	64	22.5	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	15.21		*		*	*		
30	09	64	22.5	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	15.28		*	G	0.40	22.5		
30	09	64	22.5	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	15.54		*	G	0.30	22.5		
30	09	64	22.5	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0			R	16.06		*	G	0.20	22.6		
30	09	64	23.0	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	13.56		*		*	*		
30	09	64	23.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	13.80	G	17	G	0.35	23.0		
30	09	64	23.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	15.29	G	14	G	0.35	23.0		
30	09	64	23.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0			R	16.21	G	15	G	0.20	23.0		
30	09	64	23.5	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	13.82		*		*	*		
30	09	64	23.5	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	14.03	G	15	G	0.50	23.5		
30	09	64	23.5	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	15.28	G	15	G	0.30	23.5		
30	09	64	23.5	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0			R	15.76	G	15	G	0.20	23.6		
01	10	64	00.0	TB	0014	37	05.2	76	36.7	7		*		4	01			00.0			R	13.93		*		*	*		
01	10	64	00.0	TB	0014	37	05.2	76	36.7	7		*		4	01			02.0			R	13.08	G	13	G	0.45	*		
01	10	64	00.0	TB	0014	37	05.2	76	36.7	7		*		4	01			04.0			R	14.66	G	14	G	0.35	*		
01	10	64	00.0	TB	0014	37	05.2	76	36.7	7		*		4	01			06.0			R	15.53	G	15	G	0.25	*		
01	10	64	00.5	TB	0014	37	05.2	76	36.7	7		*		4	02			00.0			R	13.84		*		*	*		
01	10	64	00.5	TB	0014	37	05.2	76	36.7	7		*		4	02			02.0			R	13.95	G	15	G	0.45	00.5		
01	10	64	00.5	TB	0014	37	05.2	76	36.7	7		*		4	02			04.0			R	14.09	G	13	G	0.35	00.5		
01	10	64	00.5	TB	0014	37	05.2	76	36.7	7		*		4	02			06.0			R	15.05	G	15	G	0.25	00.6		
01	10	64	01.0	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	13.69		*		*	*		
01	10	64	01.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	13.80	G	15	G	0.20	01.0		
01	10	64	01.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	13.86	G	14	G	0.15	01.0		
01	10	64	01.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0			R	14.40	G	00	G	0.00	01.0		
01	10	64	01.5	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	13.54		*		*	*		
01	10	64	01.5	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	13.56	G	15	G	0.25	01.5		
01	10	64	01.5	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	13.59	G	14	G	0.25	01.5		
01	10	64	01.5	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0			R	14.46	G	15	G	0.10	01.6		
01	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	13.02		*		*	*		
01	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	13.18	G	15	G	0.20	*		
01	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	13.32	G	14	G	0.15	*		
01	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0			R	15.13	G	00	G	0.00	*		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
01	10	64	02.5	TB	0014	37	05.2	76	36.7	7		*			*			00.0			R	12.98		*		*	*		
01	10	64	02.5	TB	0014	37	05.2	76	36.7	7		*			*			02.0			R	13.09	G	16	G	0.35	02.5		
01	10	64	02.5	TB	0014	37	05.2	76	36.7	7		*			*			04.0			R	13.73	G	00	G	0.00	02.5		
01	10	64	02.5	TB	0014	37	05.2	76	36.7	7		*			*			06.0			R	14.48	G	31	G	0.10	02.5		
01	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*		4	03			00.0			R	13.34		*		*	*		
01	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0			R	13.42	G	00	G	0.00	*		
01	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0			R	13.50	G	36	G	0.05	*		
01	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0			R	14.54	G	35	G	0.20	*		
01	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0					G	34	G	0.20	03.5		
01	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0					G	33	G	0.20	03.5		
01	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0					G	34	G	0.30	03.6		
01	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*		4	06			02.0					G	35	G	0.20	04.0		
01	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*		4	06			02.0					G	35	G	0.35	04.5		
01	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*		4	06			04.0					G	34	G	0.30	04.0		
01	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*		4	06			04.0					G	35	G	0.40	04.5		
01	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*		4	06			06.0					G	35	G	0.10	04.0		
01	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*		4	06			06.0					G	34	G	0.40	04.6		
01	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	34	G	0.45	05.0		
01	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	35	G	0.45	05.5		
01	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	35	G	0.45	05.0		
01	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	35	G	0.60	05.5		
01	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	34	G	0.50	05.0		
01	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	34	G	0.50	05.6		
01	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*		4	07			02.0					G	34	G	0.35	06.0		
01	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*		4	07			02.0					G	36	G	0.35	06.5		
01	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*		4	07			04.0					G	35	G	0.50	06.0		
01	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*		4	07			04.0					G	35	G	0.40	06.5		
01	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*		4	07			06.0					G	35	G	0.45	06.0		
01	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*		4	07			06.0					G	34	G	0.45	06.6		
01	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	34	G	0.30	07.0		
01	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	34	G	0.25	07.5		
01	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	35	G	0.40	07.0		
01	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	35	G	0.35	07.5		
01	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	35	G	0.40	07.0		
01	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	35	G	0.35	07.6		
01	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*		4	07			02.0					G	34	G	0.25	08.0		
01	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*		4	07			02.0					G	32	G	0.15	08.5		
01	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*		4	07			04.0					G	35	G	0.30	08.0		
01	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*		4	07			04.0					G	35	G	0.20	08.5		
01	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*		4	07			06.0					G	35	G	0.25	08.0		
01	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*		4	07			06.0					G	03	G	0.15	08.6		
01	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	00	G	0.00	09.0		
01	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	00	G	0.00	09.5		
01	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	00	G	0.00	09.0		
01	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	00	G	0.00	09.5		
01	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	36	G	0.05	09.0		
01	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	00	G	0.00	09.6		
01	10	64	10.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	16	G	0.10	10.0		
01	10	64	10.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	15	G	0.30	10.5		
01	10	64	10.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	15	G	0.05	10.0		
01	10	64	10.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	16	G	0.25	10.5		
01	10	64	10.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	09	G	0.05	10.0		
01	10	64	10.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	11	G	0.15	10.6		
01	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	15	G	0.45	11.0		
01	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	16	G	0.60	11.5		
01	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	16	G	0.40	11.0		
01	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	16	G	0.35	11.5		
01	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	13	G	0.20	11.0		
01	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	13	G	0.20	11.6		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
01	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	15	G	0.50	12.0	
01	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	15	G	0.40	12.5	
01	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	16	G	0.35	12.0	
01	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	15	G	0.40	12.5	
01	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	14	G	0.25	12.0	
01	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	15	G	0.30	12.6	
01	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	15	G	0.40	13.0	
01	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	15	G	0.35	13.5	
01	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	16	G	0.35	13.0	
01	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	15	G	0.30	13.5	
01	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	14	G	0.25	13.0	
01	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	13	G	0.25	13.5	
01	10	64	14.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	15	G	0.30	14.0	
01	10	64	14.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	15	G	0.15	14.5	
01	10	64	14.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	14	G	0.25	14.0	
01	10	64	14.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	14	G	0.10	14.5	
01	10	64	14.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	00	G	0.00	14.0	
01	10	64	14.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	00	G	0.00	14.6	
01	10	64	15.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0					G	15	G	0.05	15.0	
01	10	64	15.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0					G	00	G	0.00	15.5	
01	10	64	15.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0					G	17	G	0.05	15.0	
01	10	64	15.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0					G	35	G	0.10	15.5	
01	10	64	15.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0					G	35	G	0.15	15.0	
01	10	64	15.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0					G	35	G	0.30	15.6	
01	10	64	16.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	35	G	0.20	16.0	
01	10	64	16.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	35	G	0.35	16.5	
01	10	64	16.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	35	G	0.30	16.0	
01	10	64	16.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	35	G	0.45	16.5	
01	10	64	16.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	34	G	0.15	16.0	
01	10	64	16.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	34	G	0.30	16.0	
01	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*		4	02			02.0					G	36	G	0.50	17.0	
01	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*		4	02			02.0					G	36	G	0.50	17.5	
01	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*		4	02			04.0					G	35	G	0.60	17.0	
01	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*		4	02			04.0					G	35	G	0.60	17.6	
01	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*		4	02			06.0					G	34	G	0.50	17.0	
01	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*		4	02			06.0					G	34	G	0.45	17.6	
01	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0					G	01	G	0.40	18.0	
01	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0					G	35	G	0.40	18.5	
01	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0					G	35	G	0.55	18.0	
01	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0					G	35	G	0.45	18.5	
01	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0					G	34	G	0.60	18.0	
01	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0					G	34	G	0.40	18.6	
01	10	64	19.0	TB	0014	37	05.2	76	36.7	7		*		4	01			02.0					G	35	G	0.35	19.0	
01	10	64	19.0	TB	0014	37	05.2	76	36.7	7		*		4	01			02.0					G	35	G	0.35	19.5	
01	10	64	19.0	TB	0014	37	05.2	76	36.7	7		*		4	01			04.0					G	35	G	0.45	19.0	
01	10	64	19.0	TB	0014	37	05.2	76	36.7	7		*		4	01			04.0					G	35	G	0.45	19.5	
01	10	64	19.0	TB	0014	37	05.2	76	36.7	7		*		4	01			06.0					G	34	G	0.50	19.0	
01	10	64	19.0	TB	0014	37	05.2	76	36.7	7		*		4	01			06.0					G	35	G	0.45	19.6	
01	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0					G	35	G	0.30	20.0	
01	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0					G	36	G	0.25	20.5	
01	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0					G	35	G	0.35	20.0	
01	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0					G	35	G	0.25	20.5	
01	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0					G	33	G	0.30	20.0	
01	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0					G	33	G	0.25	20.6	
01	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*		4	01			02.0					G	34	G	0.15	21.0	
01	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*		4	01			02.0					G	36	G	0.05	21.5	
01	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*		4	01			04.0					G	33	G	0.10	21.0	
01	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*		4	01			04.0					G	35	G	0.05	21.5	
01	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*		4	01			06.0					G	00	G	0.00	21.0	
01	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*		4	01			06.0					G	00	G	0.00	21.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
														DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS																				
01	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0					G	00	G	0.00	22.0		
01	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*		4	03			02.0					G	15	G	0.15	22.5		
01	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0					G	00	G	0.00	22.0		
01	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*		4	03			04.0					G	13	G	0.10	22.5		
01	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0					G	00	G	0.00	22.0		
01	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*		4	03			06.0					G	16	G	0.10	22.6		
01	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	14	G	0.30	23.0		
01	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	14	G	0.40	23.5		
01	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	15	G	0.30	23.0		
01	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	16	G	0.40	23.5		
01	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	16	G	0.20	23.0		
01	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	16	G	0.25	23.6		
02	10	64	00.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	15	G	0.55	00.0		
02	10	64	00.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	15	G	0.55	00.5		
02	10	64	00.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	12	G	0.45	00.0		
02	10	64	00.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	16	G	0.35	00.5		
02	10	64	00.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	15	G	0.30	00.0		
02	10	64	00.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	16	G	0.20	00.6		
02	10	64	01.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	15	G	0.45	01.0		
02	10	64	01.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	15	G	0.50	01.5		
02	10	64	01.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	14	G	0.40	01.0		
02	10	64	01.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	14	G	0.45	01.5		
02	10	64	01.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	16	G	0.30	01.0		
02	10	64	01.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	15	G	0.30	01.6		
02	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	16	G	0.50	02.0		
02	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	15	G	0.40	02.5		
02	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	14	G	0.40	02.0		
02	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	14	G	0.35	02.5		
02	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	16	G	0.35	02.0		
02	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	15	G	0.30	02.6		
02	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	15	G	0.25	03.0		
02	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	14	G	0.15	03.5		
02	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	13	G	0.25	03.0		
02	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	13	G	0.15	03.5		
02	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	15	G	0.15	03.0		
02	10	64	03.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	00	G	0.00	03.6		
02	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	00	G	0.00	04.0		
02	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	00	G	0.00	04.5		
02	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	13	G	0.05	04.0		
02	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	00	G	0.00	04.5		
02	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	26	G	0.05	04.0		
02	10	64	04.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	29	G	0.15	04.6		
02	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	35	G	0.20	05.0		
02	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	34	G	0.25	05.5		
02	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	34	G	0.20	05.0		
02	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	34	G	0.20	05.5		
02	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	28	G	0.15	05.0		
02	10	64	05.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	28	G	0.20	05.6		
02	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	34	G	0.30	06.0		
02	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	35	G	0.30	06.5		
02	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	34	G	0.30	06.0		
02	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	33	G	0.20	06.5		
02	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	32	G	0.40	06.0		
02	10	64	06.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	29	G	0.25	06.6		
02	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	35	G	0.25	07.0		
02	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	35	G	0.25	07.5		
02	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	33	G	0.20	07.0		
02	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	34	G	0.35	07.5		
02	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	31	G	0.25	07.0		
02	10	64	07.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	31	G	0.30	07.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
02	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	35	G	0.35	08.0	
02	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	35	G	0.25	08.5	
02	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	34	G	0.25	08.0	
02	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	35	G	0.10	08.5	
02	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	30	G	0.20	08.0	
02	10	64	08.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	26	G	0.10	08.6	
02	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	35	G	0.20	*	
02	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	35	G	0.05	*	
02	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	34	G	0.10	*	
02	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	00	G	0.00	*	
02	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	22	G	0.05	*	
02	10	64	09.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	00	G	0.00	*	
02	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			02.0					G	15	G	0.05	10.0	
02	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			02.0					G	17	G	0.25	10.5	
02	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			04.0					G	00	G	0.00	10.0	
02	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			04.0					G	16	G	0.25	10.5	
02	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			06.0					G	00	G	0.00	10.0	
02	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			06.0					G	17	G	0.20	10.6	
02	10	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	15	G	0.35	11.0	
02	10	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	16	G	0.20	11.5	
02	10	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	14	G	0.25	11.0	
02	10	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	15	G	0.15	11.5	
02	10	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			06.0					G	15	G	0.20	11.0	
02	10	64	11.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			06.0					G	17	G	0.30	11.6	
02	10	64	12.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			00.0					G	16	G	0.30	12.0	
02	10	64	12.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	16	G	0.50	12.0	
02	10	64	12.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	16	G	0.55	12.5	
02	10	64	12.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	14	G	0.50	12.0	
02	10	64	12.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	17	G	0.45	12.5	
02	10	64	12.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			06.0					G	16	G	0.30	12.6	
02	10	64	13.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	16	G	0.50	13.0	
02	10	64	13.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	16	G	0.50	13.5	
02	10	64	13.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	15	G	0.50	13.0	
02	10	64	13.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	15	G	0.45	13.5	
02	10	64	13.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			06.0					G	15	G	0.40	13.0	
02	10	64	13.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			06.0					G	15	G	0.35	13.6	
02	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			02.0					G	16	G	0.40	14.0	
02	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			02.0					G	16	G	0.45	14.5	
02	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			04.0					G	15	G	0.45	14.0	
02	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			04.0					G	16	G	0.35	14.5	
02	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			06.0					G	17	G	0.35	14.0	
02	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			06.0					G	15	G	0.25	14.6	
02	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			02.0					G	15	G	0.25	15.0	
02	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			02.0					G	14	G	0.10	15.5	
02	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			04.0					G	16	G	0.25	15.0	
02	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			04.0					G	15	G	0.10	15.5	
02	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			06.0					G	17	G	0.20	15.0	
02	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			06.0					G	00	G	0.00	15.6	
02	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		22	03			02.0					G	00	G	0.00	16.0	
02	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		22	03			02.0					G	00	G	0.00	16.5	
02	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		22	03			04.0					G	00	G	0.00	16.0	
02	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		22	03			04.0					G	00	G	0.00	16.5	
02	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		22	03			06.0					G	00	G	0.00	16.0	
02	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		22	03			06.0					G	23	G	0.05	16.6	
02	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	36	G	0.20	17.0	
02	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	36	G	0.30	17.5	
02	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	34	G	0.20	17.0	
02	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	35	G	0.25	17.5	
02	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	31	G	0.20	17.0	
02	10	64	17.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	32	G	0.35	17.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
02	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	36	G	0.35	18.0		
02	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	35	G	0.45	18.5		
02	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	34	G	0.35	18.0		
02	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	34	G	0.40	18.5		
02	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	32	G	0.45	18.1		
02	10	64	18.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	33	G	0.50	18.6		
02	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	35	G	0.40	19.0		
02	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	35	G	0.45	19.5		
02	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	34	G	0.50	19.0		
02	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	35	G	0.50	19.5		
02	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			06.0					G	33	G	0.55	19.1		
02	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			06.0					G	33	G	0.50	19.6		
02	10	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			02.0					G	36	G	0.40	20.0		
02	10	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			02.0					G	35	G	0.35	20.5		
02	10	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			04.0					G	35	G	0.45	20.0		
02	10	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			04.0					G	36	G	0.40	20.5		
02	10	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			06.0					G	34	G	0.50	20.1		
02	10	64	20.0	TB	0014	37	05.2	76	36.7	*7		*		18	04			06.0					G	32	G	0.30	20.6		
02	10	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			02.0					G	01	G	0.30	21.0		
02	10	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			02.0					G	01	G	0.20	21.5		
02	10	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			04.0					G	35	G	0.20	21.0		
02	10	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			04.0					G	01	G	0.15	21.5		
02	10	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			06.0					G	29	G	0.25	21.1		
02	10	64	21.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			06.0					G	26	G	0.10	21.6		
02	10	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			02.0					G	02	G	0.10	22.0		
02	10	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			02.0					G	15	G	0.05	22.5		
02	10	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			04.0					G	00	G	0.00	22.0		
02	10	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			04.0					G	00	G	0.00	22.5		
02	10	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			06.0					G	00	G	0.00	22.1		
02	10	64	22.0	TB	0014	37	05.2	76	36.7	*7		*		18	03			06.0					G	00	G	0.00	22.6		
02	10	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	15	G	0.15	23.0		
02	10	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			02.0					G	15	G	0.30	23.5		
02	10	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	14	G	0.10	23.0		
02	10	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			04.0					G	15	G	0.25	23.5		
02	10	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			06.0					G	17	G	0.10	23.1		
02	10	64	23.0	TB	0014	37	05.2	76	36.7	*7		*		18	01			06.0					G	16	G	0.20	23.6		
03	10	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	16	G	0.45	00.0		
03	10	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	16	G	0.50	00.5		
03	10	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	16	G	0.40	00.0		
03	10	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	15	G	0.45	00.5		
03	10	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	15	G	0.30	00.1		
03	10	64	00.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	16	G	0.25	00.6		
03	10	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	02			02.0					G	16	G	0.65	01.0		
03	10	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	02			02.0					G	15	G	0.50	01.5		
03	10	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	02			04.0					G	14	G	0.50	01.0		
03	10	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	02			04.0					G	15	G	0.55	01.5		
03	10	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	02			06.0					G	15	G	0.30	01.1		
03	10	64	01.0	TB	0014	37	05.2	76	36.7	*7		*		22	02			06.0					G	16	G	0.40	01.6		
03	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	16	G	0.55	02.0		
03	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	16	G	0.55	02.5		
03	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	15	G	0.55	02.0		
03	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	14	G	0.45	02.5		
03	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	17	G	0.40	02.1		
03	10	64	02.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	16	G	0.35	02.6		
03	10	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			02.0					G	16	G	0.50	03.0		
03	10	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			02.0					G	15	G	0.40	03.5		
03	10	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			04.0					G	15	G	0.45	03.0		
03	10	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			04.0					G	15	G	0.35	03.5		
03	10	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			06.0					G	16	G	0.35	03.1		
03	10	64	03.0	TB	0014	37	05.2	76	36.7	*7		*		22	07			06.0					G	15	G	0.25	03.6		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
03	10	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	15	G	0.25	04.0	
03	10	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			02.0					G	10	G	0.10	04.5	
03	10	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	16	G	0.20	04.0	
03	10	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			04.0					G	00	G	0.00	04.5	
03	10	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	17	G	0.10	04.1	
03	10	64	04.0	TB	0014	37	05.2	76	36.7	*7		*		22	04			06.0					G	00	G	0.00	04.6	
03	10	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			02.0					G	14	G	0.05	05.0	
03	10	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			02.0					G	00	G	0.00	05.5	
03	10	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			04.0					G	00	G	0.00	05.0	
03	10	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			04.0					G	35	G	0.05	05.5	
03	10	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			06.0					G	04	G	0.05	05.1	
03	10	64	05.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			06.0					G	34	G	0.15	05.6	
03	10	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			02.0					G	04	G	0.10	06.0	
03	10	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			02.0					G	35	G	0.25	06.5	
03	10	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			04.0					G	35	G	0.25	06.0	
03	10	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			04.0					G	35	G	0.30	06.5	
03	10	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			06.0					G	32	G	0.30	06.1	
03	10	64	06.0	TB	0014	37	05.2	76	36.7	*7		*		36	07			06.0					G	33	G	0.40	06.6	
03	10	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		36	04			02.0					G	34	G	0.35	07.0	
03	10	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		36	04			02.0					G	34	G	0.40	07.5	
03	10	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		36	04			04.0					G	35	G	0.35	07.0	
03	10	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		36	04			04.0					G	03	G	0.50	07.5	
03	10	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		36	04			06.0					G	34	G	0.50	07.1	
03	10	64	07.0	TB	0014	37	05.2	76	36.7	*7		*		36	04			06.0					G	34	G	0.50	07.6	
03	10	64	08.0	TB	0014	37	05.2	76	36.7	*7		*		32	04			02.0					G	32	G	0.40	08.0	
03	10	64	08.0	TB	0014	37	05.2	76	36.7	*7		*		32	04			02.0					G	35	G	0.40	08.5	
03	10	64	08.0	TB	0014	37	05.2	76	36.7	*7		*		32	04			04.0					G	35	G	0.50	08.0	
03	10	64	08.0	TB	0014	37	05.2	76	36.7	*7		*		32	04			04.0					G	35	G	0.55	08.5	
03	10	64	08.0	TB	0014	37	05.2	76	36.7	*7		*		32	04			06.0					G	34	G	0.60	08.1	
03	10	64	08.0	TB	0014	37	05.2	76	36.7	*7		*		32	04			06.0					G	35	G	0.65	08.6	
03	10	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		32	08			02.0					G	33	G	0.45	09.0	
03	10	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		32	08			02.0					G	00	G	0.35	09.5	
03	10	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		32	08			04.0					G	35	G	0.55	09.0	
03	10	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		32	08			04.0					G	34	G	0.45	09.5	
03	10	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		32	08			06.0					G	34	G	0.55	09.1	
03	10	64	09.0	TB	0014	37	05.2	76	36.7	*7		*		32	08			06.0					G	34	G	0.45	09.6	
03	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		36	03			02.0					G	34	G	0.25	10.0	
03	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		36	03			02.0					G	33	G	0.05	10.5	
03	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		36	03			04.0					G	35	G	0.35	10.0	
03	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		36	03			04.0					G	35	G	0.15	10.5	
03	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		36	03			06.0					G	34	G	0.30	10.1	
03	10	64	10.0	TB	0014	37	05.2	76	36.7	*7		*		36	03			06.0					G	34	G	0.15	10.6	
03	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	00	G	0.00	11.0	
03	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			02.0					G	00	G	0.00	11.5	
03	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	01	G	0.05	11.0	
03	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			04.0					G	05	G	0.01	11.5	
03	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	01	G	0.01	11.1	
03	10	64	11.0	TB	0014	37	05.2	76	36.7	7		*		4	04			06.0					G	00	G	0.00	11.6	
03	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	01			02.0					G	12	G	0.15	12.0	
03	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	01			02.0					G	15	G	0.35	12.5	
03	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	01			04.0					G	12	G	0.15	12.0	
03	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	01			04.0					G	13	G	0.35	12.5	
03	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	01			06.0					G	15	G	0.15	12.1	
03	10	64	12.0	TB	0014	37	05.2	76	36.7	7		*		4	01			06.0					G	14	G	0.24	12.6	
03	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	17	G	0.50	13.0	
03	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*			*			02.0					G	15	G	0.60	13.5	
03	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	17	G	0.40	13.0	
03	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*			*			04.0					G	14	G	0.40	13.5	
03	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	15	G	0.30	13.1	
03	10	64	13.0	TB	0014	37	05.2	76	36.7	7		*			*			06.0					G	16	G	0.20	13.6	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
03	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		36	01			02.0					G	15	G	0.50	14.0	
03	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		36	01			02.0					G	15	G	0.45	14.7	
03	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		36	01			04.0					G	14	G	0.40	14.0	
03	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		36	01			04.0					G	14	G	0.40	14.7	
03	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		36	01			06.0					G	15	G	0.30	14.1	
03	10	64	14.0	TB	0014	37	05.2	76	36.7	*7		*		36	01			06.0					G	15	G	0.30	14.8	
03	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			02.0					G	15	G	0.30	15.0	
03	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			02.0					G	13	G	0.15	15.5	
03	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			04.0					G	14	G	0.25	15.0	
03	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			04.0					G	11	G	0.10	15.5	
03	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			06.0					G	15	G	0.15	15.1	
03	10	64	15.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			06.0					G	00	G	0.00	15.6	
03	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			02.0					G	14	G	0.30	16.0	
03	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			02.0					G	13	G	0.15	16.5	
03	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			04.0					G	12	G	0.25	16.0	
03	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			04.0					G	11	G	0.10	16.5	
03	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			06.0					G	14	G	0.15	16.1	
03	10	64	16.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			06.0					G	00	G	0.00	16.6	
03	10	64	17.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			02.0					G	00	G	0.00	17.0	
03	10	64	17.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			02.0					G	00	G	0.10	17.5	
03	10	64	17.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			04.0					G	00	G	0.00	17.0	
03	10	64	17.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			04.0					G	36	G	0.10	17.5	
03	10	64	17.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			06.0					G	29	G	0.10	17.1	
03	10	64	17.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			06.0					G	32	G	0.20	17.6	
03	10	64	18.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			02.0					G	35	G	0.20	18.0	
03	10	64	18.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			02.0					G	35	G	0.35	18.5	
03	10	64	18.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			04.0					G	35	G	0.25	18.0	
03	10	64	18.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			04.0					G	34	G	0.35	18.5	
03	10	64	18.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			06.0					G	31	G	0.30	18.1	
03	10	64	18.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			06.0					G	31	G	0.35	18.6	
03	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			02.0					G	36	G	0.35	19.0	
03	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			02.0					G	35	G	0.35	19.5	
03	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			04.0					G	34	G	0.30	19.0	
03	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			04.0					G	34	G	0.25	19.5	
03	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			06.0					G	33	G	0.40	19.1	
03	10	64	19.0	TB	0014	37	05.2	76	36.7	*7		*		32	01			06.0					G	32	G	0.40	19.6	
03	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	36	G	0.35	20.0	
03	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	01	G	0.40	20.5	
03	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	35	G	0.45	20.0	
03	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	35	G	0.50	20.5	
03	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	33	G	0.45	20.1	
03	10	64	20.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	34	G	0.50	20.6	
03	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	36	G	0.40	21.0	
03	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	35	G	0.30	21.5	
03	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	35	G	0.45	21.0	
03	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	36	G	0.35	21.5	
03	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	34	G	0.40	21.1	
03	10	64	21.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	34	G	0.35	21.6	
03	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	35	G	0.15	22.0	
03	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	35	G	0.10	22.5	
03	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	35	G	0.25	22.0	
03	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	00	G	0.00	22.5	
03	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	32	G	0.20	22.1	
03	10	64	22.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	24	G	0.10	22.6	
03	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	00	G	0.00	23.0	
03	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			02.0					G	00	G	0.00	23.5	
03	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	00	G	0.00	23.0	
03	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			04.0					G	00	G	0.00	23.5	
03	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	00	G	0.00	23.1	
03	10	64	23.0	TB	0014	37	05.2	76	36.7	7		*			00			06.0					G	00	G	0.00	23.6	

Cruise 0014

Stations:

20
21
22
23

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
28	09	64	12.0	BR	0014	37	09.3	76	39.1	4		*	20		*			00.0	T	22.20	R	8.96	P	36	D	0.25	12.0		
28	09	64	12.0	BR	0014	37	09.3	76	39.1	4		*	20		*			02.0						*		*	*		
28	09	64	12.0	BR	0014	37	09.3	76	39.1	4		*	20		*			03.0						*		*	*		
28	09	64	12.0	BR	0014	37	09.3	76	39.1	4		*	20		*			04.0	T	22.10	R	9.18		*		*	*		
28	09	64	12.0	BR	0014	37	09.3	76	39.1	4		*	20		*			05.0	T	22.10	R	9.80		*		*	*		
28	09	64	12.5	BR	0014	37	09.3	76	39.1	4		3			*			00.0			R	9.12	P	35	D	0.25	12.6		
28	09	64	12.5	BR	0014	37	09.3	76	39.1	4		3			*			02.0					Y	36	Y	0.34	12.7		
28	09	64	12.5	BR	0014	37	09.3	76	39.1	4		3			*			03.0					Y	36	Y	0.30	12.8		
28	09	64	12.5	BR	0014	37	09.3	76	39.1	4		3			*			04.0			R	9.32		*		*	*		
28	09	64	12.5	BR	0014	37	09.3	76	39.1	4		3			*			05.0			R	9.58		*		*	*		
28	09	64	13.0	BR	0014	37	09.3	76	39.1	*4		3	20	22	04	1.0		00.0	T	21.90	R	9.27	P	36	D	0.35	13.1		
28	09	64	13.0	BR	0014	37	09.3	76	39.1	*4		3	20	22	04	1.0		02.0					Y	36	Y	0.41	13.0		
28	09	64	13.0	BR	0014	37	09.3	76	39.1	*4		3	20	22	04	1.0		03.0					Y	36	Y	0.38	13.1		
28	09	64	13.0	BR	0014	37	09.3	76	39.1	*4		3	20	22	04	1.0		04.0	T	21.90	R	9.47		*		*	*		
28	09	64	13.0	BR	0014	37	09.3	76	39.1	*4		3	20	22	04	1.0		05.0	T	21.90	R	9.60		*		*	*		
28	09	64	13.5	BR	0014	37	09.3	76	39.1	4		3			*			00.0			R	9.48	P	36	D	0.41	13.6		
28	09	64	13.5	BR	0014	37	09.3	76	39.1	4		3			*			02.0					Y	36	Y	0.51	13.5		
28	09	64	13.5	BR	0014	37	09.3	76	39.1	4		3			*			03.0					Y	36	Y	0.48	13.5		
28	09	64	13.5	BR	0014	37	09.3	76	39.1	4		3			*			04.0			R	9.63		*		*	*		
28	09	64	13.5	BR	0014	37	09.3	76	39.1	4		3			*			05.0			R	9.79		*		*	*		
28	09	64	14.0	BR	0014	37	09.3	76	39.1	4		3			*			00.0	T	21.90	R	9.97	P	36	D	0.30	14.1		
28	09	64	14.0	BR	0014	37	09.3	76	39.1	4		3			*			02.0					Y	36	Y	0.51	14.0		
28	09	64	14.0	BR	0014	37	09.3	76	39.1	4		3			*			03.0					Y	01	Y	0.49	14.0		
28	09	64	14.0	BR	0014	37	09.3	76	39.1	4		3			*			04.0	T	21.90	R	10.12		*		*	*		
28	09	64	14.0	BR	0014	37	09.3	76	39.1	4		3			*			05.0	T	22.00	R	10.43		*		*	*		
28	09	64	14.5	BR	0014	37	09.3	76	39.1	4		3			*			00.0			R	10.67	Y	01	Y	0.60	14.5		
28	09	64	14.5	BR	0014	37	09.3	76	39.1	4		3			*			02.0			R	10.67	Y	01	Y	0.50	14.6		
28	09	64	14.5	BR	0014	37	09.3	76	39.1	4		3			*			04.0			R	10.68	Y	01	Y	0.45	14.6		
28	09	64	15.0	BR	0014	37	09.3	76	39.1	4		3			*	0.8		00.0	T	21.90	R	10.75	P	02	D	0.29	15.0		
28	09	64	15.0	BR	0014	37	09.3	76	39.1	4		3			*	0.8		02.0			R	10.76	Y	01	Y	0.55	15.1		
28	09	64	15.0	BR	0014	37	09.3	76	39.1	4		3			*	0.8		04.0			R	10.77	Y	01	Y	0.37	15.1		
28	09	64	15.5	BR	0014	37	09.3	76	39.1	4		3			*			00.0			R	10.98	P	02	D	0.21	15.6		
28	09	64	15.5	BR	0014	37	09.3	76	39.1	4		3			*			02.0					Y	01	Y	0.50	15.6		
28	09	64	15.5	BR	0014	37	09.3	76	39.1	4		3			*			04.0					Y	01	Y	0.50	15.6		
28	09	64	16.0	BR	0014	37	09.3	76	39.1	4		3			*	0.8		00.0	T	21.80	R	11.18	P	02	D	0.36	16.1		
28	09	64	16.0	BR	0014	37	09.3	76	39.1	4		3			*	0.8		02.0			R	11.24	Y	36	Y	0.45	16.1		
28	09	64	16.0	BR	0014	37	09.3	76	39.1	4		3			*	0.8		04.0			R	11.25	Y	36	Y	0.40	16.2		
28	09	64	16.5	BR	0014	37	09.3	76	39.1	4		*			*			00.0			R	11.35	P	02	D	0.29	16.6		
28	09	64	16.5	BR	0014	37	09.3	76	39.1	4		*			*			02.0			R	11.34	Y	01	Y	0.43	16.6		
28	09	64	16.5	BR	0014	37	09.3	76	39.1	4		*			*			04.0			R	11.35	Y	01	Y	0.37	16.6		
28	09	64	17.0	BR	0014	37	09.3	76	39.1	4		*			*	0.8		00.0	T	21.30	R	11.47	P	02	D	0.17	17.1		
28	09	64	17.0	BR	0014	37	09.3	76	39.1	4		*			*	0.8		02.0			R	11.43	Y	01	Y	0.32	17.1		
28	09	64	17.0	BR	0014	37	09.3	76	39.1	4		*			*	0.8		04.0			R	10.57	Y	02	Y	0.20	17.1		
28	09	64	17.5	BR	0014	37	09.3	76	39.1	4		4			*			00.0			R	11.50	P	03	D	0.00	17.6		
28	09	64	17.5	BR	0014	37	09.3	76	39.1	4		4			*			02.0			R	11.69	Y	02	Y	0.20	17.7		
28	09	64	17.5	BR	0014	37	09.3	76	39.1	4		4			*			04.0			R	11.83	Y	01	Y	0.15	17.7		
28	09	64	18.0	BR	0014	37	09.3	76	39.1	4		*			*	0.6		00.0	T	21.60	R	11.64	P	03	D	0.08	18.1		
28	09	64	18.0	BR	0014	37	09.3	76	39.1	4		*			*	0.6		02.0			R	11.64		*	Y	0.08	18.1		
28	09	64	18.0	BR	0014	37	09.3	76	39.1	4		*			*	0.6		04.0			R	11.83	Y	01	Y	0.13	18.1		
28	09	64	18.5	BR	0014	37	09.3	76	39.1	4		5			*			00.0	B	28.40	R	11.62	P	15	Y	0.19	18.7		
28	09	64	18.5	BR	0014	37	09.3	76	39.1	4		5			*			02.0	B	30.20	R	11.69	Y	12	Y	0.06	18.6		
28	09	64	18.5	BR	0014	37	09.3	76	39.1	4		5			*			04.0	B	30.60	R	12.24	Y	25	Y	0.05	18.6		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
28	09	64	19.0	BR	0014	37	09.3	76	39.1	4		*			*			00.0	B	25.80	R	11.54	P	19	D	0.28	19.3	
28	09	64	19.0	BR	0014	37	09.3	76	39.1	4		*			*			02.0	B	26.20	R	11.52	Y	17	Y	0.30	19.2	
28	09	64	19.0	BR	0014	37	09.3	76	39.1	4		*			*			04.0	B	26.20	R	12.21	Y	16	Y	0.20	19.2	
28	09	64	19.5	BR	0014	37	09.3	76	39.1	4		*			*			00.0	B	25.60	R	11.52	P	20	D	0.45	19.9	
28	09	64	19.5	BR	0014	37	09.3	76	39.1	4		*			*			02.0	B	25.80	R	12.15	Y	18	Y	0.43	19.8	
28	09	64	19.5	BR	0014	37	09.3	76	39.1	4		*			*			04.0	B	26.20	R	11.31	Y	18	Y	0.24	19.8	
28	09	64	20.0	BR	0014	37	09.3	76	39.1	4		*			*			00.0	B	26.08	R	11.01	P	21	D	0.45	20.1	
28	09	64	20.0	BR	0014	37	09.3	76	39.1	4		*			*			02.0	B	25.92	R	11.24	Y	18	Y	0.70	20.1	
28	09	64	20.0	BR	0014	37	09.3	76	39.1	4		*			*			04.0	B	24.88	R	11.40	Y	17	Y	0.41	20.0	
28	09	64	20.5	BR	0014	37	09.3	76	39.1	4		*			*			00.0	B	26.40	R	10.90	P	19	D	0.46	20.6	
28	09	64	20.5	BR	0014	37	09.3	76	39.1	4		*			*			02.0	B	26.04	R	11.04	Y	18	Y	0.60	20.6	
28	09	64	20.5	BR	0014	37	09.3	76	39.1	4		*			*			04.0	B	25.96	R	11.15	Y	18	Y	0.37	20.6	
28	09	64	21.0	BR	0014	37	09.3	76	39.1	4		*			*			00.0	B	24.80	R	10.72	P	19	D	0.51	21.1	
28	09	64	21.0	BR	0014	37	09.3	76	39.1	4		*			*			02.0	B	26.08	R	11.14	Y	18	Y	0.60	21.1	
28	09	64	21.0	BR	0014	37	09.3	76	39.1	4		*			*			04.0	B	25.80	R	11.15	Y	17	Y	0.41	21.1	
28	09	64	21.5	BR	0014	37	09.3	76	39.1	4		*			*			00.0			R	11.00	P	19	D	0.48	21.6	
28	09	64	21.5	BR	0014	37	09.3	76	39.1	4		*			*			02.0			R	10.99	Y	17	Y	0.70	21.6	
28	09	64	21.5	BR	0014	37	09.3	76	39.1	4		*			*			04.0			R	11.25	Y	17	Y	0.37	21.6	
28	09	64	22.0	BR	0014	37	09.3	76	39.1	4		*			*			00.0	B	25.92	R	10.34	P	20	D	0.53	22.2	
28	09	64	22.0	BR	0014	37	09.3	76	39.1	4		*			*			02.0	B	26.80	R	10.85	Y	18	Y	0.60	22.2	
28	09	64	22.0	BR	0014	37	09.3	76	39.1	4		*			*			04.0	B	26.04	R	10.87	Y	18	Y	0.60	22.2	
28	09	64	22.5	BR	0014	37	09.3	76	39.1	4		*			*			00.0			R	10.21	P	19	D	0.56	22.6	
28	09	64	22.5	BR	0014	37	09.3	76	39.1	4		*			*			02.0			R	10.32	Y	18	Y	0.60	22.6	
28	09	64	22.5	BR	0014	37	09.3	76	39.1	4		*			*			04.0			R	10.29	Y	17	Y	0.60	22.6	
28	09	64	23.0	BR	0014	37	09.3	76	39.1	4		*			*			00.0	B	26.00	R	9.51	P	19	D	0.53	23.1	
28	09	64	23.0	BR	0014	37	09.3	76	39.1	4		*			*			02.0	B	25.52	R	9.75	Y	18	Y	0.55	23.0	
28	09	64	23.0	BR	0014	37	09.3	76	39.1	4		*			*			04.0	B	25.80	R	9.60	Y	18	Y	0.40	23.0	
28	09	64	23.5	BR	0014	37	09.3	76	39.1	4		*			*			00.0			R	9.66	P	19	D	0.40	23.7	
28	09	64	23.5	BR	0014	37	09.3	76	39.1	4		*			*			02.0			R	9.83	Y	18	Y	0.40	23.6	
28	09	64	23.5	BR	0014	37	09.3	76	39.1	4		*			*			04.0			R	9.82	Y	17	Y	0.39	23.9	
29	09	64	00.0	BR	0014	37	09.3	76	39.1	4		*			*			00.0	B	25.08	R	9.55	P	19	D	0.29	00.2	
29	09	64	00.0	BR	0014	37	09.3	76	39.1	4		*			*			02.0	B	25.52	R	9.70	Y	18	Y	0.30	00.1	
29	09	64	00.0	BR	0014	37	09.3	76	39.1	4		*			*			04.0	B	25.68	R	9.83	Y	18	Y	0.27	00.1	
29	09	64	00.5	BR	0014	37	09.3	76	39.1	4		7			*			00.0	B	25.56	R	9.59	Y	17	Y	0.25	00.5	
29	09	64	00.5	BR	0014	37	09.3	76	39.1	4		7			*			02.0	B	27.20	R	9.65	Y	17	Y	0.10	00.6	
29	09	64	00.5	BR	0014	37	09.3	76	39.1	4		7			*			04.0	B	26.44	R	10.04	Y	26	Y	0.09	00.6	
29	09	64	01.0	BR	0014	37	09.3	76	39.1	4		8			*			00.0	T	21.10	R	9.47	P	*	D	0.00	01.0	
29	09	64	01.0	BR	0014	37	09.3	76	39.1	4		8			*			02.0	B	27.20	R	9.60	Y	16	Y	0.25	01.0	
29	09	64	01.0	BR	0014	37	09.3	76	39.1	4		8			*			04.0	B	27.20	R	10.04	Y	32	Y	0.60	01.0	
29	09	64	01.5	BR	0014	37	09.3	76	39.1	4		1			*			00.0					Y	02	Y	0.04	01.5	
29	09	64	01.5	BR	0014	37	09.3	76	39.1	4		1			*			02.0					Y	36	Y	0.17	01.5	
29	09	64	01.5	BR	0014	37	09.3	76	39.1	4		1			*			04.0					Y	34	Y	0.19	01.5	
28	09	64	12.0	PA	0014	37	09.2	76	38.4	9		1	24		*	0.9		00.0	C	22.10	C	8.59	P	02	D	0.14	12.3	
28	09	64	12.0	PA	0014	37	09.2	76	38.4	9		1	24		*	0.9		02.0	C	21.96	C	9.18	T	29	T	0.09	12.0	
28	09	64	12.0	PA	0014	37	09.2	76	38.4	9		1	24		*	0.9		04.0	C	21.90	C	9.46	T	23	T	0.11	12.0	
28	09	64	12.0	PA	0014	37	09.2	76	38.4	9		1	24		*	0.9		06.0	C	21.88	C	9.67	T	32	T	0.13	12.0	
28	09	64	12.0	PA	0014	37	09.2	76	38.4	9		1	24		*	0.9		08.0	C	21.88	C	9.89	T	01	T	0.20	12.1	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
28	09	64	12.5	PA	0014	37	09.2	76	38.4	9	1			*		00.0	C	22.08	C	8.77	P	35	D	0.23	12.7
28	09	64	12.5	PA	0014	37	09.2	76	38.4	9	1			*		02.0	C	22.04	C	9.14	T	35	T	0.20	12.6
28	09	64	12.5	PA	0014	37	09.2	76	38.4	9	1			*		04.0	C	21.90	C	9.33	T	36	T	0.33	12.6
28	09	64	12.5	PA	0014	37	09.2	76	38.4	9	1			*		06.0	C	21.86	C	9.77	T	36	T	0.21	12.6
28	09	64	12.5	PA	0014	37	09.2	76	38.4	9	1			*		08.0	C	21.86	C	10.53	T	01	T	0.37	12.6
28	09	64	13.0	PA	0014	37	09.2	76	38.4	9	1	20	4	03	1.1	00.0	C	21.96	C	9.24	P	36	D	0.47	13.4
28	09	64	13.0	PA	0014	37	09.2	76	38.4	9	1	20	4	03	1.1	02.0	C	21.88	C	9.97	T	35	T	0.60	13.2
28	09	64	13.0	PA	0014	37	09.2	76	38.4	9	1	20	4	03	1.1	04.0	C	21.88	C	9.97	T	36	T	0.55	13.2
28	09	64	13.0	PA	0014	37	09.2	76	38.4	9	1	20	4	03	1.1	06.0	C	21.88	C	10.46	T	36	T	0.50	13.3
28	09	64	13.0	PA	0014	37	09.2	76	38.4	9	1	20	4	03	1.1	08.0	C	21.90	C	10.75	T	36	T	0.45	13.3
28	09	64	13.5	PA	0014	37	09.2	76	38.4	9	2			*		00.0	C	21.92	C	9.42	P	36	D	0.45	13.7
28	09	64	13.5	PA	0014	37	09.2	76	38.4	9	2			*		02.0	C	21.92	C	9.69	T	35	T	0.65	13.6
28	09	64	13.5	PA	0014	37	09.2	76	38.4	9	2			*		04.0	C	21.90	C	9.96	T	36	T	0.65	13.6
28	09	64	13.5	PA	0014	37	09.2	76	38.4	9	2			*		06.0	C	21.88	C	10.70	T	01	T	0.60	13.6
28	09	64	13.5	PA	0014	37	09.2	76	38.4	9	2			*		08.0	C	21.88	C	10.75	T	36	T	0.50	13.6
28	09	64	14.0	PA	0014	37	09.2	76	38.4	9	2	21	6	07	0.9	00.0	C	21.92	C	9.36	P	35	D	0.58	14.4
28	09	64	14.0	PA	0014	37	09.2	76	38.4	9	2	21	6	07	0.9	02.0	C	21.92	C	9.89	T	36	T	0.43	14.2
28	09	64	14.0	PA	0014	37	09.2	76	38.4	9	2	21	6	07	0.9	04.0	C	21.90	C	10.32	T	36	T	0.42	14.2
28	09	64	14.0	PA	0014	37	09.2	76	38.4	9	2	21	6	07	0.9	06.0	C	21.88	C	10.85	T	36	T	0.45	14.2
28	09	64	14.0	PA	0014	37	09.2	76	38.4	9	2	21	6	07	0.9	08.0	C	21.88	C	10.95	T	35	T	0.41	14.3
28	09	64	14.5	PA	0014	37	09.2	76	38.4	9	2			*		00.0	C	21.88	C	10.44	P	36	D	0.60	14.7
28	09	64	14.5	PA	0014	37	09.2	76	38.4	9	2			*		02.0	C	21.88	C	10.70	T	35	T	0.45	14.8
28	09	64	14.5	PA	0014	37	09.2	76	38.4	9	2			*		04.0	C	21.88	C	10.87	T	36	T	0.43	14.8
28	09	64	14.5	PA	0014	37	09.2	76	38.4	9	2			*		06.0	C	21.88	C	10.95	T	36	T	0.43	14.8
28	09	64	14.5	PA	0014	37	09.2	76	38.4	9	2			*		08.0	C	21.88	C	10.96	T	01	T	0.43	14.8
28	09	64	15.0	PA	0014	37	09.2	76	38.4	9	2	21	4	04	0.8	00.0	C	21.88	C	10.69	P	36	P	0.59	15.0
28	09	64	15.0	PA	0014	37	09.2	76	38.4	9	2	21	4	04	0.8	02.0	C	21.88	C	10.83	T	35	T	0.45	15.1
28	09	64	15.0	PA	0014	37	09.2	76	38.4	9	2	21	4	04	0.8	04.0	C	21.90	C	11.08	T	35	T	0.45	15.3
28	09	64	15.0	PA	0014	37	09.2	76	38.4	9	2	21	4	04	0.8	06.0	C	21.92	C	11.24	T	36	T	0.46	15.3
28	09	64	15.0	PA	0014	37	09.2	76	38.4	9	2	21	4	04	0.8	08.0	C	21.92	C	11.28	T	35	T	0.47	15.3
28	09	64	15.5	PA	0014	37	09.2	76	38.4	9	2			*		00.0	C	21.88	C	11.05	P	35	P	0.71	15.7
28	09	64	15.5	PA	0014	37	09.2	76	38.4	9	2			*		02.0	C	21.88	C	11.20	T	36	T	0.42	15.6
28	09	64	15.5	PA	0014	37	09.2	76	38.4	9	2			*		04.0	C	21.92	C	11.44	T	36	T	0.44	15.6
28	09	64	15.5	PA	0014	37	09.2	76	38.4	9	2			*		06.0	C	21.92	C	11.48	T	36	T	0.48	15.6
28	09	64	15.5	PA	0014	37	09.2	76	38.4	9	2			*		08.0	C	21.92	C	11.50	T	36	T	0.47	15.6
28	09	64	16.0	PA	0014	37	09.2	76	38.4	*9	2	20	30	03	0.8	00.0	C	21.92	C	10.84	P	35	P	0.65	16.4
28	09	64	16.0	PA	0014	37	09.2	76	38.4	*9	2	20	30	03	0.8	02.0	C	21.92	C	11.46	T	35	T	0.14	16.2
28	09	64	16.0	PA	0014	37	09.2	76	38.4	*9	2	20	30	03	0.8	04.0	C	21.92	C	11.66	T	36	T	0.42	16.2
28	09	64	16.0	PA	0014	37	09.2	76	38.4	*9	2	20	30	03	0.8	06.0	C	21.92	C	11.77	T	36	T	0.44	16.2
28	09	64	16.0	PA	0014	37	09.2	76	38.4	*9	2	20	30	03	0.8	08.0	C	21.90	C	11.81	T	36	T	0.15	16.2
28	09	64	16.5	PA	0014	37	09.2	76	38.4	9	3			*		00.0	C	21.88	C	11.48	P	33	P	0.73	16.7
28	09	64	16.5	PA	0014	37	09.2	76	38.4	9	3			*		02.0	C	21.90	C	11.87	T	36	T	0.12	16.6
28	09	64	16.5	PA	0014	37	09.2	76	38.4	9	3			*		04.0	C	21.88	C	11.92	T	36	T	0.15	16.6
28	09	64	16.5	PA	0014	37	09.2	76	38.4	9	3			*		06.0	C	21.88	C	12.00	T	36	T	0.14	16.6
28	09	64	16.5	PA	0014	37	09.2	76	38.4	9	3			*		08.0	C	21.88	C	12.04	T	36	T	0.13	16.6
28	09	64	17.0	PA	0014	37	09.2	76	38.4	*9	3	19	20	04	0.9	00.0	C	21.88	C	11.71	P	35	P	0.63	17.2
28	09	64	17.0	PA	0014	37	09.2	76	38.4	*9	3	19	20	04	0.9	02.0	C	21.90	C	12.14	T	36	T	0.12	17.1
28	09	64	17.0	PA	0014	37	09.2	76	38.4	*9	3	19	20	04	0.9	04.0	C	21.90	C	12.23	T	36	T	0.13	17.1
28	09	64	17.0	PA	0014	37	09.2	76	38.4	*9	3	19	20	04	0.9	06.0	C	21.90	C	12.28	T	36	T	0.13	17.1
28	09	64	17.0	PA	0014	37	09.2	76	38.4	*9	3	19	20	04	0.9	08.0	C	21.88	C	12.32	T	36	T	0.13	17.1
28	09	64	17.5	PA	0014	37	09.2	76	38.4	9	3			*		00.0	C	21.90	C	11.95	P	35	P	0.46	17.7
28	09	64	17.5	PA	0014	37	09.2	76	38.4	9	3			*		02.0	C	21.88	C	12.25	T	36	T	0.12	17.6
28	09	64	17.5	PA	0014	37	09.2	76	38.4	9	3			*		04.0	C	21.88	C	12.34	T	36	T	0.10	17.6
28	09	64	17.5	PA	0014	37	09.2	76	38.4	9	3			*		06.0	C	21.88	C	12.42	T	10	T	0.11	17.6
28	09	64	17.5	PA	0014	37	09.2	76	38.4	9	3			*		08.0	C	21.88	C	12.45	T	15	T	0.11	17.6

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
28	09	64	18.0	PA	0014	37	09.2	76	38.4	*9		4	19	20	05	0.8		00.0	C	21.88	C	12.04	P	04	P	0.45	18.2		
28	09	64	18.0	PA	0014	37	09.2	76	38.4	*9		4	19	20	05	0.8		02.0	C	21.88	C	12.32	T	36	T	0.40	18.1		
28	09	64	18.0	PA	0014	37	09.2	76	38.4	*9		4	19	20	05	0.8		04.0	C	21.88	C	12.59	T	36	T	0.41	18.1		
28	09	64	18.0	PA	0014	37	09.2	76	38.4	*9		4	19	20	05	0.8		06.0	C	21.88	C	12.62	T	15	T	0.43	18.1		
28	09	64	18.0	PA	0014	37	09.2	76	38.4	*9		4	19	20	05	0.8		08.0	C	21.88	C	12.64	T	25	T	0.37	18.1		
28	09	64	18.5	PA	0014	37	09.2	76	38.4	9		5			*			00.0	C	21.86	C	11.66		*	D	0.14	18.8		
28	09	64	18.5	PA	0014	37	09.2	76	38.4	9		5			*			02.0	C	21.86	C	11.87	T	18	T	0.05	18.7		
28	09	64	18.5	PA	0014	37	09.2	76	38.4	9		5			*			04.0	C	21.88	C	12.04	T	05	T	0.10	18.6		
28	09	64	18.5	PA	0014	37	09.2	76	38.4	9		5			*			06.0	C	21.90	C	12.39	T	07	T	0.14	18.6		
28	09	64	18.5	PA	0014	37	09.2	76	38.4	9		5			*			08.0	C	21.88	C	12.61	T	32	T	0.15	18.6		
28	09	64	19.0	PA	0014	37	09.2	76	38.4	9		5	18	5	03			00.0	C	21.78	C	11.56	T	16	T	0.20	19.2		
28	09	64	19.0	PA	0014	37	09.2	76	38.4	9		5	18	5	03			02.0	C	21.82	C	11.66	T	16	T	0.13	19.2		
28	09	64	19.0	PA	0014	37	09.2	76	38.4	9		5	18	5	03			04.0	C	21.88	C	11.91	T	16	T	0.06	19.2		
28	09	64	19.0	PA	0014	37	09.2	76	38.4	9		5	18	5	03			06.0	C	21.86	C	12.02	T	21	T	0.12	19.2		
28	09	64	19.0	PA	0014	37	09.2	76	38.4	9		5	18	5	03			08.0	C	21.88	C	12.14	T	23	T	0.11	19.2		
28	09	64	19.5	PA	0014	37	09.2	76	38.4	9		5			*			00.0	C	21.80	C	11.12	T	20	T	0.35	19.6		
28	09	64	19.5	PA	0014	37	09.2	76	38.4	9		5			*			02.0	C	21.80	C	11.31	T	18	T	0.30	19.6		
28	09	64	19.5	PA	0014	37	09.2	76	38.4	9		5			*			04.0	C	21.78	C	11.33	T	20	T	0.30	19.6		
28	09	64	19.5	PA	0014	37	09.2	76	38.4	9		5			*			06.0	C	21.88	C	11.85	T	19	T	0.22	19.6		
28	09	64	19.5	PA	0014	37	09.2	76	38.4	9		5			*			08.0	C	21.86	C	12.02	T	17	T	0.11	19.5		
28	09	64	20.0	PA	0014	37	09.2	76	38.4	9		6	18	1	02			00.0	C	21.82	C	11.06	T	19	T	0.46	20.0		
28	09	64	20.0	PA	0014	37	09.2	76	38.4	9		6	18	1	02			02.0	C	21.82	C	11.30	T	19	T	0.38	20.0		
28	09	64	20.0	PA	0014	37	09.2	76	38.4	9		6	18	1	02			04.0	C	21.84	C	11.55	T	19	T	0.38	20.1		
28	09	64	20.0	PA	0014	37	09.2	76	38.4	9		6	18	1	02			06.0	C	21.86	C	11.73	T	20	T	0.32	20.1		
28	09	64	20.0	PA	0014	37	09.2	76	38.4	9		6	18	1	02			08.0	C	21.88	C	12.11	T	19	T	0.25	20.1		
28	09	64	20.5	PA	0014	37	09.2	76	38.4	9		6			*			00.0	C	21.82	C	11.07	T	18	T	0.50	20.6		
28	09	64	20.5	PA	0014	37	09.2	76	38.4	9		6			*			02.0	C	21.80	C	11.14	T	19	T	0.50	20.6		
28	09	64	20.5	PA	0014	37	09.2	76	38.4	9		6			*			04.0	C	21.82	C	11.14	T	19	T	0.50	20.6		
28	09	64	20.5	PA	0014	37	09.2	76	38.4	9		6			*			06.0	C	21.82	C	11.47	T	18	T	0.41	20.6		
28	09	64	20.5	PA	0014	37	09.2	76	38.4	9		6			*			08.0	C	21.88	C	12.21	T	19	T	0.30	20.5		
28	09	64	21.0	PA	0014	37	09.2	76	38.4	*9		6	19	36	01			00.0	C	21.72	C	10.80	T	19	T	0.60	21.0		
28	09	64	21.0	PA	0014	37	09.2	76	38.4	*9		6	19	36	01			02.0	C	21.74	C	10.88	T	19	T	0.55	21.1		
28	09	64	21.0	PA	0014	37	09.2	76	38.4	*9		6	19	36	01			04.0	C	21.76	C	11.01	T	19	T	0.50	21.1		
28	09	64	21.0	PA	0014	37	09.2	76	38.4	*9		6	19	36	01			06.0	C	21.80	C	11.07	T	20	T	0.55	21.1		
28	09	64	21.0	PA	0014	37	09.2	76	38.4	*9		6	19	36	01			08.0	C	21.80	C	11.38	T	19	T	0.45	21.2		
28	09	64	21.5	PA	0014	37	09.2	76	38.4	9		6			*			00.0	C	21.70	C	10.67	T	19	T	0.70	21.6		
28	09	64	21.5	PA	0014	37	09.2	76	38.4	9		6			*			02.0	C	21.76	C	10.81	T	19	T	0.62	21.6		
28	09	64	21.5	PA	0014	37	09.2	76	38.4	9		6			*			04.0	C	21.68	C	10.91	T	20	T	0.63	21.6		
28	09	64	21.5	PA	0014	37	09.2	76	38.4	9		6			*			06.0	C	21.66	C	10.83	T	19	T	0.62	21.5		
28	09	64	21.5	PA	0014	37	09.2	76	38.4	9		6			*			08.0	C	21.78	C	11.31	T	18	T	0.55	21.5		
28	09	64	22.0	PA	0014	37	09.2	76	38.4	*9		6	19	34	02			00.0	C	21.62	C	10.35	T	20	T	0.63	22.0		
28	09	64	22.0	PA	0014	37	09.2	76	38.4	*9		6	19	34	02			02.0	C	21.68	C	10.70	T	20	T	0.62	22.0		
28	09	64	22.0	PA	0014	37	09.2	76	38.4	*9		6	19	34	02			04.0	C	21.70	C	10.71	T	20	T	0.63	22.1		
28	09	64	22.0	PA	0014	37	09.2	76	38.4	*9		6	19	34	02			06.0	C	21.72	C	10.84	T	20	T	0.60	22.1		
28	09	64	22.0	PA	0014	37	09.2	76	38.4	*9		6	19	34	02			08.0	C	21.80	C	11.03	T	19	T	0.50	22.1		
28	09	64	22.5	PA	0014	37	09.2	76	38.4	9		6			*			00.0	C	21.60	C	10.16	T	18	T	0.65	22.6		
28	09	64	22.5	PA	0014	37	09.2	76	38.4	9		6			*			02.0	C	21.66	C	10.21	T	18	T	0.65	22.6		
28	09	64	22.5	PA	0014	37	09.2	76	38.4	9		6			*			04.0	C	21.66	C	10.53	T	18	T	0.62	22.6		
28	09	64	22.5	PA	0014	37	09.2	76	38.4	9		6			*			06.0	C	21.76	C	10.69	T	19	T	0.50	22.6		
28	09	64	22.5	PA	0014	37	09.2	76	38.4	9		6			*			08.0	C	21.80	C	10.96	T	19	T	0.38	22.5		
28	09	64	23.0	PA	0014	37	09.2	76	38.4	*9		6	18	34	03			00.0	C	21.68	C	10.20	T	17	T	0.62	23.0		
28	09	64	23.0	PA	0014	37	09.2	76	38.4	*9		6	18	34	03			02.0	C	21.70	C	10.41	T	18	T	0.58	23.1		
28	09	64	23.0	PA	0014	37	09.2	76	38.4	*9		6	18	34	03			04.0	C	21.72	C	10.80	T	19	T	0.50	23.1		
28	09	64	23.0	PA	0014	37	09.2	76	38.4	*9		6	18	34	03			06.0	C	21.76	C	10.83	T	19	T	0.37	23.1		
28	09	64	23.0	PA	0014	37	09.2	76	38.4	*9		6	18	34	03			08.0	C	21.86	C	11.60	T	21	T	0.26	23.1		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
28	09	64	23.5	PA	0014	37	09.2	76	38.4	9		6			*			00.0	C	21.64	C	9.95	T	17	T	0.12	23.6	
28	09	64	23.5	PA	0014	37	09.2	76	38.4	9		6			*			02.0	C	21.72	C	10.43	T	18	T	0.10	23.6	
28	09	64	23.5	PA	0014	37	09.2	76	38.4	9		6			*			04.0	C	21.74	C	10.69	T	19	T	0.10	23.6	
28	09	64	23.5	PA	0014	37	09.2	76	38.4	9		6			*			06.0	C	21.74	C	10.81	T	19	T	0.40	23.6	
28	09	64	23.5	PA	0014	37	09.2	76	38.4	9		6			*			08.0	C	21.86	C	11.41	T	20	T	0.25	23.5	
29	09	64	00.0	PA	0014	37	09.2	76	38.4	*9		6	17	10	03			00.0	C	21.62	C	9.84	T	17	T	0.10	00.1	
29	09	64	00.0	PA	0014	37	09.2	76	38.4	*9		6	17	10	03			02.0	C	21.66	C	10.05	T	18	T	0.37	00.1	
29	09	64	00.0	PA	0014	37	09.2	76	38.4	*9		6	17	10	03			04.0	C	21.72	C	10.44	T	18	T	0.37	00.1	
29	09	64	00.0	PA	0014	37	09.2	76	38.4	*9		6	17	10	03			06.0	C	21.74	C	10.73	T	18	T	0.25	00.1	
29	09	64	00.0	PA	0014	37	09.2	76	38.4	*9		6	17	10	03			08.0	C	21.84	C	11.22	T	20	T	0.20	00.1	
29	09	64	00.5	PA	0014	37	09.2	76	38.4	9		6			*			00.0	C	21.62	C	9.56	T	16	T	0.32	00.7	
29	09	64	00.5	PA	0014	37	09.2	76	38.4	9		6			*			02.0	C	21.70	C	10.07	T	17	T	0.35	00.6	
29	09	64	00.5	PA	0014	37	09.2	76	38.4	9		6			*			04.0	C	21.74	C	10.37	T	19	T	0.30	00.6	
29	09	64	00.5	PA	0014	37	09.2	76	38.4	9		6			*			06.0	C	21.71	C	10.74	T	20	T	0.15	00.6	
29	09	64	00.5	PA	0014	37	09.2	76	38.4	9		6			*			08.0	C	21.86	C	10.94	T	20	T	0.14	00.6	
29	09	64	01.0	PA	0014	37	09.2	76	38.4	*9		7	17	10	03			00.0	C	21.66	C	9.46	T	14	T	0.35	01.1	
29	09	64	01.0	PA	0014	37	09.2	76	38.4	*9		7	17	10	03			02.0	C	21.70	C	10.01	T	19	T	0.10	01.1	
29	09	64	01.0	PA	0014	37	09.2	76	38.4	*9		7	17	10	03			04.0	C	21.76	C	10.37	T	26	T	0.15	01.1	
29	09	64	01.0	PA	0014	37	09.2	76	38.4	*9		7	17	10	03			06.0	C	21.76	C	10.71	T	32	T	0.10	01.1	
29	09	64	01.0	PA	0014	37	09.2	76	38.4	*9		7	17	10	03			08.0	C	21.78	C	10.76	T	35	T	0.10	01.1	
29	09	64	01.5	PA	0014	37	09.2	76	38.4	9		1			*			00.0	C	21.54	C	9.30	T	20	T	0.25	01.6	
29	09	64	01.5	PA	0014	37	09.2	76	38.4	9		1			*			02.0	C	21.68	C	9.83	T	32	T	0.20	01.6	
29	09	64	01.5	PA	0014	37	09.2	76	38.4	9		1			*			04.0	C	21.72	C	10.14	T	30	T	0.22	01.6	
29	09	64	01.5	PA	0014	37	09.2	76	38.4	9		1			*			06.0	C	21.74	C	10.29	T	30	T	0.41	01.6	
29	09	64	01.5	PA	0014	37	09.2	76	38.4	9		1			*			08.0	C	21.72	C	10.51	T	31	T	0.22	01.6	
28	09	64	12.0	LA	0014	37	09.3	76	38.1	12		7	20	*	*	1.4		00.0	T	22.10	R	8.91	U	20	U	0.01	12.1	
28	09	64	12.0	LA	0014	37	09.3	76	38.1	12		7	20	*	*	1.4		04.0	T	21.90	R	10.11	U	36	U	0.22	12.3	
28	09	64	12.0	LA	0014	37	09.3	76	38.1	12		7	20	*	*	1.4		06.0	T	21.80	R	10.63	U	35	U	0.34	12.4	
28	09	64	12.0	LA	0014	37	09.3	76	38.1	12		7	20	*	*	1.4		08.0	T	21.80	R	10.78	U	34	U	0.40	12.5	
28	09	64	12.0	LA	0014	37	09.3	76	38.1	12		7	20	*	*	1.4		12.0	T	21.80	R	10.89	U	35	U	0.24	12.5	
28	09	64	12.5	LA	0014	37	09.3	76	38.1	12		8		*	*			00.0	T	21.90	R	9.28	U	02	U	0.24	12.7	
28	09	64	12.5	LA	0014	37	09.3	76	38.1	12		8		*	*			04.0	T	21.90	R	10.33	U	35	U	0.50	12.7	
28	09	64	12.5	LA	0014	37	09.3	76	38.1	12		8		*	*			06.0	T	21.90	R	10.53	U	35	U	0.50	12.7	
28	09	64	12.5	LA	0014	37	09.3	76	38.1	12		8		*	*			08.0	T	21.90	R	10.71	U	35	U	0.46	12.7	
28	09	64	12.5	LA	0014	37	09.3	76	38.1	12		8		*	*			12.0	T	21.80	R	10.91	U	00	U	0.24	12.6	
28	09	64	13.0	LA	0014	37	09.3	76	38.1	11		1	20	22	04			00.0	T	21.90			U	01	U	0.46	13.2	
28	09	64	13.0	LA	0014	37	09.3	76	38.1	11		1	20	22	04			04.0	T	21.90	R	10.25	U	35	U	0.50	13.2	
28	09	64	13.0	LA	0014	37	09.3	76	38.1	11		1	20	22	04			06.0	T	21.90	R	10.40	U	36	U	0.44	13.3	
28	09	64	13.0	LA	0014	37	09.3	76	38.1	11		1	20	22	04			08.0	T	21.90	R	10.63	U	35	U	0.19	13.4	
28	09	64	13.0	LA	0014	37	09.3	76	38.1	11		1	20	22	04			10.0	T	21.90	R	10.71	U	35	U	0.26	13.4	
28	09	64	13.5	LA	0014	37	09.3	76	38.1	11		1		*	*			00.0	T	21.90	R	9.72	U	36	U	0.50	13.5	
28	09	64	13.5	LA	0014	37	09.3	76	38.1	11		1		*	*			04.0	T	21.90	R	10.18	U	36	U	0.50	13.6	
28	09	64	13.5	LA	0014	37	09.3	76	38.1	11		1		*	*			06.0	T	21.90	R	10.24	U	36	U	0.50	13.7	
28	09	64	13.5	LA	0014	37	09.3	76	38.1	11		1		*	*			08.0	T	21.90	R	10.26	U	35	U	0.50	13.8	
28	09	64	13.5	LA	0014	37	09.3	76	38.1	11		1		*	*			10.0	T	21.90	R	10.58	U	35	U	0.50	13.8	
28	09	64	14.0	LA	0014	37	09.3	76	38.1	11		2	20	23	03			00.0	T	21.90	R	10.25	U	36	U	0.60	14.1	
28	09	64	14.0	LA	0014	37	09.3	76	38.1	11		2	20	23	03			04.0	T	21.90	R	10.29	U	35	U	0.55	14.2	
28	09	64	14.0	LA	0014	37	09.3	76	38.1	11		2	20	23	03			06.0	T	21.90	R	10.48	U	36	U	0.63	14.2	
28	09	64	14.0	LA	0014	37	09.3	76	38.1	11		2	20	23	03			08.0	T	21.90	R	10.85	U	35	U	0.55	14.2	
28	09	64	14.0	LA	0014	37	09.3	76	38.1	11		2	20	23	03			10.0	T	21.90	R	10.88	U	35	U	0.50	14.3	
28	09	64	14.5	LA	0014	37	09.3	76	38.1	11		2		*	*			00.0	T	21.90	R	10.62	U	36	U	0.42	14.6	
28	09	64	14.5	LA	0014	37	09.3	76	38.1	11		2		*	*			04.0	T	21.90	R	10.75	U	02	U	0.65	14.6	
28	09	64	14.5	LA	0014	37	09.3	76	38.1	11		2		*	*			06.0	T	21.90	R	10.78	U	36	U	0.65	14.7	
28	09	64	14.5	LA	0014	37	09.3	76	38.1	11		2		*	*			08.0	T	21.90			U	36	U	0.50	14.7	
28	09	64	14.5	LA	0014	37	09.3	76	38.1	11		2		*	*			10.0	T	21.90	R	11.01	U	36	U	0.27	14.8	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
28	09	64	15.0	LA	0014	37	09.3	76	38.1	12	2	19	*6	04		00.0	T	21.80	R	10.85	U	35	U	0.60	15.2
28	09	64	15.0	LA	0014	37	09.3	76	38.1	12	2	19	*6	04		04.0	T	21.80	R	10.99	U	36	U	0.65	15.2
28	09	64	15.0	LA	0014	37	09.3	76	38.1	12	2	19	*6	04		06.0	T	21.80	R	11.02	U	35	U	0.60	15.2
28	09	64	15.0	LA	0014	37	09.3	76	38.1	12	2	19	*6	04		08.0	T	21.80	R	11.07	U	36	U	0.55	15.3
28	09	64	15.0	LA	0014	37	09.3	76	38.1	12	2	19	*6	04		11.0	T	21.80	R	11.21		*		*	*
28	09	64	15.0	LA	0014	37	09.3	76	38.1	12	2	19	*6	04		12.0					U	36	U	0.55	15.4
28	09	64	15.5	LA	0014	37	09.3	76	38.1	12	2		*	*		00.0					U	35	U	0.55	15.7
28	09	64	16.0	LA	0014	37	09.3	76	38.1	12	2		*	*		00.0	T	21.80	R	11.54	U	32	U	0.60	16.1
28	09	64	17.5	LA	0014	37	09.3	76	38.1	12	3		*	*		00.0	T	21.60	R	11.95	U	33		*	17.6
28	09	64	17.5	LA	0014	37	09.3	76	38.1	12	3		*	*		03.0	T	21.60	R	11.54		*		*	*
28	09	64	17.5	LA	0014	37	09.3	76	38.1	12	3		*	*		04.0					U	34		*	17.7
28	09	64	17.5	LA	0014	37	09.3	76	38.1	12	3		*	*		06.0	T	21.70	R	12.23	U	34		*	17.8
28	09	64	17.5	LA	0014	37	09.3	76	38.1	12	3		*	*		08.0	T	21.70	R	12.31	U	33		*	17.8
28	09	64	17.5	LA	0014	37	09.3	76	38.1	12	3		*	*		11.0	T	21.80	R	12.59	U	32		*	17.9
28	09	64	18.0	LA	0014	37	09.3	76	38.1	12	4	19	*5	03		00.0						*		*	*
28	09	64	18.0	LA	0014	37	09.3	76	38.1	12	4	19	*5	03		04.0			R	12.58	U	35		*	18.4
28	09	64	18.0	LA	0014	37	09.3	76	38.1	12	4	19	*5	03		06.0	T	21.80	R	12.60	U	32		*	18.4
28	09	64	18.0	LA	0014	37	09.3	76	38.1	12	4	19	*5	03		08.0	T	21.80	R	12.59	U	34		*	18.2
28	09	64	18.0	LA	0014	37	09.3	76	38.1	12	4	19	*5	03		11.0	T	21.70	R	12.60	U	32		*	18.1
28	09	64	20.0	LA	0014	37	09.3	76	38.1	12	5	18	17	01		00.0	T	21.70	R	12.37	V	15	V	0.50	20.0
28	09	64	20.0	LA	0014	37	09.3	76	38.1	12	5	18	17	01		04.0	T	21.80	R	12.66	V	19	V	0.26	20.1
28	09	64	20.0	LA	0014	37	09.3	76	38.1	12	5	18	17	01		06.0	T	21.80	R	12.65	V	17	V	0.28	20.1
28	09	64	20.0	LA	0014	37	09.3	76	38.1	12	5	18	17	01		08.0	T	21.80	R	12.72	V	17	V	0.28	20.2
28	09	64	20.0	LA	0014	37	09.3	76	38.1	12	5	18	17	01		12.0	T	21.80	R	10.91	V	16	V	0.20	20.3
28	09	64	20.5	LA	0014	37	09.3	76	38.1	12	5		*	*		00.0	T	21.60	R	16.53	V	17	V	0.51	20.6
28	09	64	20.5	LA	0014	37	09.3	76	38.1	12	5		*	*		04.0	T	21.80	R	12.04	V	18	V	0.42	20.6
28	09	64	20.5	LA	0014	37	09.3	76	38.1	12	5		*	*		06.0	T	21.80	R	12.08	V	19	V	0.41	20.7
28	09	64	20.5	LA	0014	37	09.3	76	38.1	12	5		*	*		08.0	T	21.80	R	12.20	V	18	V	0.42	20.7
28	09	64	20.5	LA	0014	37	09.3	76	38.1	12	5		*	*		12.0	T	21.80	R	12.54	V	15	V	0.30	20.8
28	09	64	21.0	LA	0014	37	09.3	76	38.1	12	6	18	18	01		00.0	T	21.60	R	10.53	V	17	V	0.55	21.1
28	09	64	21.0	LA	0014	37	09.3	76	38.1	12	6	18	18	01		04.0	T	21.80	R	11.66	V	19	V	0.50	21.2
28	09	64	21.0	LA	0014	37	09.3	76	38.1	12	6	18	18	01		06.0	T	21.80	R	12.00	V	18	V	0.50	21.3
28	09	64	21.0	LA	0014	37	09.3	76	38.1	12	6	18	18	01		08.0	T	21.80	R	12.20	V	17	V	0.43	21.3
28	09	64	21.0	LA	0014	37	09.3	76	38.1	12	6	18	18	01		12.0	T	21.80	R	12.32	V	16	V	0.31	21.3
28	09	64	21.5	LA	0014	37	09.3	76	38.1	12	6		*	*		00.0	T	21.60	R	10.10	V	18	V	0.65	21.5
28	09	64	21.5	LA	0014	37	09.3	76	38.1	12	6		*	*		04.0	T	21.70	R	11.64	V	19	V	0.50	21.6
28	09	64	21.5	LA	0014	37	09.3	76	38.1	12	6		*	*		06.0	T	21.80	R	11.91	V	18	V	0.50	21.6
28	09	64	21.5	LA	0014	37	09.3	76	38.1	12	6		*	*		08.0	T	21.80	R	12.03	V	17	V	0.45	21.7
28	09	64	21.5	LA	0014	37	09.3	76	38.1	12	6		*	*		12.0	T	21.80	R	12.08	V	16	V	0.30	21.7
28	09	64	22.0	LA	0014	37	09.3	76	38.1	12	7	18	16	01		00.0	T	21.60	R	10.16	V	18	V	0.42	22.1
28	09	64	22.0	LA	0014	37	09.3	76	38.1	12	7	18	16	01		04.0	T	21.70	R	11.38	V	18	V	0.55	22.1
28	09	64	22.0	LA	0014	37	09.3	76	38.1	12	7	18	16	01		06.0	T	21.80	R	11.69	V	17	V	0.50	22.1
28	09	64	22.0	LA	0014	37	09.3	76	38.1	12	7	18	16	01		08.0	T	21.80	R	11.80	V	16	V	0.44	22.2
28	09	64	22.0	LA	0014	37	09.3	76	38.1	12	7	18	16	01		12.0	T	21.80	R	11.84	V	15	V	0.25	22.2
28	09	64	22.5	LA	0014	37	09.3	76	38.1	12	7		*	*		00.0	T	21.60	R	9.96	V	19	V	0.45	22.6
28	09	64	22.5	LA	0014	37	09.3	76	38.1	12	7		*	*		04.0	T	21.70	R	11.17	V	18	V	0.55	22.6
28	09	64	22.5	LA	0014	37	09.3	76	38.1	12	7		*	*		06.0	T	21.70	R	11.43	V	17	V	0.50	22.7
28	09	64	22.5	LA	0014	37	09.3	76	38.1	12	7		*	*		08.0	T	21.80	R	11.49	V	17	V	0.46	22.7
28	09	64	22.5	LA	0014	37	09.3	76	38.1	12	7		*	*		12.0	T	21.80	R	11.53	V	18	V	0.30	22.7
28	09	64	23.0	LA	0014	37	09.3	76	38.1	12	7	17	16	02		00.0	T	21.60	R	9.86	V	19	V	0.45	23.2
28	09	64	23.0	LA	0014	37	09.3	76	38.1	12	7	17	16	02		04.0	T	21.70	R	11.10	V	18	V	0.50	23.2
28	09	64	23.0	LA	0014	37	09.3	76	38.1	12	7	17	16	02		06.0	T	21.80	R	11.17	V	17	V	0.50	23.2
28	09	64	23.0	LA	0014	37	09.3	76	38.1	12	7	17	16	02		08.0	T	21.80	R	11.20	V	16	V	0.43	23.3
28	09	64	23.0	LA	0014	37	09.3	76	38.1	12	7	17	16	02		12.0	T	21.80	R	11.22	V	16	V	0.28	23.3

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
28	09	64	23.5	LA	0014	37	09.3	76	38.1	12		7		*	*			00.0	T	21.60	R	9.93	V	19	V	0.65	23.5		
28	09	64	23.5	LA	0014	37	09.3	76	38.1	12		7		*	*			04.0	T	21.70	R	11.00	V	17	V	0.50	23.6		
28	09	64	23.5	LA	0014	37	09.3	76	38.1	12		7		*	*			06.0	T	21.80	R	11.07	V	17	V	0.46	23.6		
28	09	64	23.5	LA	0014	37	09.3	76	38.1	12		7		*	*			08.0	T	21.80	R	11.09	V	17	V	0.40	23.6		
28	09	64	23.5	LA	0014	37	09.3	76	38.1	12		7		*	*			12.0	T	21.80	R	11.13	V	17	V	0.22	23.7		
29	09	64	00.0	LA	0014	37	09.3	76	38.1	12		7	17	29	02			00.0	T	21.70	R	10.13	V	18	V	0.60	00.1		
29	09	64	00.0	LA	0014	37	09.3	76	38.1	12		7	17	29	02			04.0	T	21.70	R	10.41	V	19	V	0.50	00.2		
29	09	64	00.0	LA	0014	37	09.3	76	38.1	12		7	17	29	02			06.0	T	21.80	R	10.68	V	17	V	0.39	00.2		
29	09	64	00.0	LA	0014	37	09.3	76	38.1	12		7	17	29	02			08.0	T	21.80	R	10.79	V	16	V	0.28	00.3		
29	09	64	00.0	LA	0014	37	09.3	76	38.1	12		7	17	29	02			12.0	T	21.80	R	10.91	V	16	V	0.09	00.3		
29	09	64	00.5	LA	0014	37	09.3	76	38.1	12		7		*	*			00.0	T	21.60	R	9.95	V	17	V	0.44	00.6		
29	09	64	00.5	LA	0014	37	09.3	76	38.1	12		7		*	*			04.0	T	21.70	R	10.11	V	18	V	0.31	00.7		
29	09	64	00.5	LA	0014	37	09.3	76	38.1	12		7		*	*			06.0	T	21.70	R	10.23	V	17	V	0.29	00.7		
29	09	64	00.5	LA	0014	37	09.3	76	38.1	12		7		*	*			08.0	T	21.80	R	10.43	V	16	V	0.20	00.7		
29	09	64	00.5	LA	0014	37	09.3	76	38.1	12		7		*	*			12.0	T	21.80	R	10.67	V	11	V	0.06	00.8		
29	09	64	01.0	LA	0014	37	09.3	76	38.1	12		7	17	30	02			04.0	T	21.60	R	9.82	V	18	V	0.04	01.4		
29	09	64	01.0	LA	0014	37	09.3	76	38.1	12		7	17	30	02			06.0	T	21.70	R	10.17	V	10	V	0.02	01.4		
29	09	64	01.0	LA	0014	37	09.3	76	38.1	12		7	17	30	02			08.0	T	21.80	R	10.43	V	03	V	0.06	01.3		
29	09	64	01.0	LA	0014	37	09.3	76	38.1	12		7	17	30	02			12.0	T	21.90	R	10.87	V	32	V	0.10	01.3		
29	09	64	01.5	LA	0014	37	09.3	76	38.1	9		8			*			00.0	T	21.60	R	9.71	V	16	V	0.22	01.6		
29	09	64	01.5	LA	0014	37	09.3	76	38.1	9		8			*			04.0	T	21.60	R	9.87	V	19	V	0.03	01.6		
29	09	64	01.5	LA	0014	37	09.3	76	38.1	9		8			*			06.0	T	21.70	R	10.05	V	34	V	0.07	01.7		
29	09	64	01.5	LA	0014	37	09.3	76	38.1	9		8			*			08.0	T	21.80	R	10.99	V	35	V	0.18	01.8		
29	09	64	02.0	LA	0014	37	09.3	76	38.1	*9		8	16	33	01			00.0	T	21.80	R	9.59	V	15	V	0.02	02.3		
29	09	64	02.0	LA	0014	37	09.3	76	38.1	*9		8	16	33	01			04.0	T	21.80	R	10.82	V	34	V	0.31	02.2		
29	09	64	02.0	LA	0014	37	09.3	76	38.1	*9		8	16	33	01			06.0	T	21.80	R	11.15	V	35	V	0.33	02.1		
29	09	64	02.0	LA	0014	37	09.3	76	38.1	*9		8	16	33	01			08.0	T	21.60	R	11.22	V	35	V	0.27	02.1		
29	09	64	02.5	LA	0014	37	09.3	76	38.1	9		8			*			00.0	T	21.60	R	9.73	V	36	V	0.03	02.5		
29	09	64	02.5	LA	0014	37	09.3	76	38.1	9		8			*			04.0	T	21.70	R	10.92	V	34	V	0.41	02.5		
29	09	64	02.5	LA	0014	37	09.3	76	38.1	9		8			*			06.0	T	21.70	R	11.24	V	34	V	0.42	02.6		
29	09	64	02.5	LA	0014	37	09.3	76	38.1	9		8			*			08.0	T	21.70	R	11.55	V	35	V	0.28	02.7		
28	09	64	12.0	IN	0014	37	09.2	76	37.4	2		1	25		*	1.2		00.0			R	9.57	S	10	S	0.05	12.0		
28	09	64	12.0	IN	0014	37	09.2	76	37.4	2		1	25		*	1.2		01.8			R	10.14	S	06	S	0.20	12.3		
28	09	64	12.5	IN	0014	37	09.2	76	37.4	2		1			*			00.0			R	9.33	S	25	S	0.05	12.5		
28	09	64	12.5	IN	0014	37	09.2	76	37.4	2		1			*			01.8			R	9.86	S	04	S	0.20	12.6		
28	09	64	13.0	IN	0014	37	09.2	76	37.4	2		1			*	1.0		00.0			R	9.32	S	25	S	0.05	13.0		
28	09	64	13.0	IN	0014	37	09.2	76	37.4	2		1			*	1.0		01.8			R	9.67	S	05	S	0.25	13.1		
28	09	64	13.5	IN	0014	37	09.2	76	37.4	2		1			*			00.0	T	22.10	R	9.69	S	27	S	0.05	13.5		
28	09	64	13.5	IN	0014	37	09.2	76	37.4	2		1			*			01.8	T	22.10	R	9.79	S	02	S	0.15	13.6		
28	09	64	14.0	IN	0014	37	09.2	76	37.4	2		1			*	0.8		00.0	T	22.10	R	10.08	S	32	S	0.05	14.0		
28	09	64	14.0	IN	0014	37	09.2	76	37.4	2		1			*	0.8		01.8	T	22.10	R	10.09	S	03	S	0.15	14.1		
28	09	64	14.5	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.11	S	32	S	0.03	14.5		
28	09	64	14.5	IN	0014	37	09.2	76	37.4	2		*			*			01.8			R	10.12	S	02	S	0.03	14.6		
28	09	64	15.0	IN	0014	37	09.2	76	37.4	2		*			*	0.4		00.0			R	10.07	S	27	S	0.05	15.0		
28	09	64	15.0	IN	0014	37	09.2	76	37.4	2		*			*	0.4		01.5			R	10.09	S	10	S	0.15	15.0		
28	09	64	15.5	IN	0014	37	09.2	76	37.4	2		*	19	6	04			00.0			R	10.14	S	31	S	0.10	15.5		
28	09	64	15.5	IN	0014	37	09.2	76	37.4	2		*	19	6	04			01.0			R	10.19	S	15	S	0.10	15.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC		
28	09	64	16.0	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.11	S	34	S	0.05	16.0	
28	09	64	16.0	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.31	S	26	S	0.06	16.0	
28	09	64	16.5	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.30	S	32	S	0.10	16.5	
28	09	64	16.5	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.47	S	35	S	0.07	16.5	
28	09	64	17.0	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.22	S	33	S	0.05	17.0	
28	09	64	17.0	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.43	S	19	S	0.07	17.0	
28	09	64	17.5	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.41	S	20	S	0.10	17.5	
28	09	64	17.5	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.25	S	22	S	0.02	17.5	
28	09	64	18.0	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.25	S	19	S	0.08	18.0	
28	09	64	18.0	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.27	S	18	S	0.09	18.0	
28	09	64	18.5	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.17	S	18	S	0.22	18.5	
28	09	64	18.5	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.55	S	15	S	0.20	18.5	
28	09	64	19.0	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.07	S	17	S	0.30	19.0	
28	09	64	19.0	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.24	S	17	S	0.15	19.0	
28	09	64	19.5	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.24	S	18	S	0.24	19.6	
28	09	64	19.5	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.35	S	16	S	0.25	19.5	
28	09	64	20.0	IN	0014	37	09.2	76	37.4	2		*			*			00.0	T	21.80	R	10.13	S	17	S	0.31	20.0	
28	09	64	20.0	IN	0014	37	09.2	76	37.4	2		*			*			02.0	T	21.80	R	10.30	S	17	S	0.18	20.1	
28	09	64	20.5	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.10	S	17	S	0.25	20.5	
28	09	64	20.5	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.72	S	09	S	0.12	20.6	
28	09	64	21.0	IN	0014	37	09.2	76	37.4	2		*			*			00.0	T	21.80	R	9.84	S	17	S	0.25	21.0	
28	09	64	21.0	IN	0014	37	09.2	76	37.4	2		*			*			02.0	T	21.80	R	10.83	S	17	S	0.11	21.1	
28	09	64	21.5	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	9.86	S	17	S	0.25	21.5	
28	09	64	21.5	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.70	S	17	S	0.11	21.6	
28	09	64	22.0	IN	0014	37	09.2	76	37.4	2		*			*			00.0	T	21.80	R	10.11	S	18	S	0.16	22.0	
28	09	64	22.0	IN	0014	37	09.2	76	37.4	2		*			*			02.0	T	21.80	R	10.67	S	15	S	0.12	22.1	
28	09	64	22.5	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	9.90	S	17	S	0.15	22.5	
28	09	64	22.5	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.75	S	16	S	0.08	22.6	
28	09	64	23.0	IN	0014	37	09.2	76	37.4	2		*			*			00.0	T	21.60	R	10.01	S	17	S	0.16	23.0	
28	09	64	23.0	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.72	S	15	S	0.10	23.1	
28	09	64	23.5	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.09	S	19	S	0.15	23.5	
28	09	64	23.5	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.53	S	13	S	0.12	23.6	
29	09	64	01.0	IN	0014	37	09.2	76	37.4	2		*			*			00.0			R	10.42	S	36	S	0.02	01.0	
29	09	64	01.0	IN	0014	37	09.2	76	37.4	2		*			*			02.0			R	10.53	S	11	S	0.10	01.0	
29	09	64	00.0	IN	0014	37	09.2	76	37.4	2		*			*			00.0	T	21.40	R	10.18	S	19	S	0.06	00.0	
29	09	64	00.0	IN	0014	37	09.2	76	37.4	2		*			*			02.0	T	21.60	R	10.35	S	16	S	0.14	00.1	

Cruise 0014

Stations:

24
25
26

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
29	09	64	12.5	BR	0014	37	12.2	76	41.3	5	7			*		00.0	B	29.20	R	7.18	P	08	D	0.21	12.6
29	09	64	12.5	BR	0014	37	12.2	76	41.3	5	7			*		02.0	B	28.00	R	7.20	Y	06	Y	0.33	12.5
29	09	64	12.5	BR	0014	37	12.2	76	41.3	5	7			*		04.0	B	27.60	R	7.09	Y	07	Y	0.29	12.6
29	09	64	13.0	BR	0014	37	12.2	76	41.3	5	7	25		*	0.9	00.0	B	30.08	R	6.81	P	03	D	0.12	13.0
29	09	64	13.0	BR	0014	37	12.2	76	41.3	5	7	25		*	0.9	02.0	B	28.24	R	6.85	Y	03	Y	0.15	13.0
29	09	64	13.0	BR	0014	37	12.2	76	41.3	5	7	25		*	0.9	04.0	B	28.20	R	7.07	Y	05	Y	0.14	13.0
29	09	64	13.5	BR	0014	37	12.2	76	41.3	5	8			*		00.0			R	6.87	P	30	D	0.12	13.8
29	09	64	13.5	BR	0014	37	12.2	76	41.3	5	8			*		02.0			R	7.20	Y	29	Y	0.17	13.7
29	09	64	13.5	BR	0014	37	12.2	76	41.3	5	8			*		04.0			R	7.35	Y	29	Y	0.31	13.7
29	09	64	14.0	BR	0014	37	12.2	76	41.3	*5	1	28	16	00	1.0	00.0	B	28.60	R	6.98	P	28	D	0.25	14.1
29	09	64	14.0	BR	0014	37	12.2	76	41.3	*5	1	28	16	00	1.0	02.0	B	28.12	R	7.09	Y	27	Y	0.36	14.1
29	09	64	14.0	BR	0014	37	12.2	76	41.3	*5	1	28	16	00	1.0	04.0	B	25.92	R	7.19	Y	28	Y	0.39	14.1
29	09	64	14.5	BR	0014	37	12.2	76	41.3	5	1			*		00.0			R	7.54	P	28	D	0.35	14.5
29	09	64	14.5	BR	0014	37	12.2	76	41.3	5	1			*		02.0			R	7.75	Y	27	Y	0.65	14.5
29	09	64	14.5	BR	0014	37	12.2	76	41.3	5	1			*		04.0			R	8.06	Y	28	Y	0.60	14.5
29	09	64	15.0	BR	0014	37	12.2	76	41.3	*5	1	28	13	00	0.5	00.0	B	28.48	R	7.62	P	28	D	0.54	15.1
29	09	64	15.0	BR	0014	37	12.2	76	41.3	*5	1	28	13	00	0.5	02.0	B	28.84	R	8.10	Y	28	Y	0.70	15.0
29	09	64	15.0	BR	0014	37	12.2	76	41.3	*5	1	28	13	00	0.5	04.0	B	28.16	R	8.18	Y	28	Y	0.60	15.0
29	09	64	15.5	BR	0014	37	12.2	76	41.3	5	1			*		00.0			R	8.48	P	28	D	0.61	15.7
29	09	64	15.5	BR	0014	37	12.2	76	41.3	5	1			*		02.0				8.51	Y	28	Y	0.85	15.6
29	09	64	15.5	BR	0014	37	12.2	76	41.3	5	1			*		04.0			R	8.33	Y	28	Y	0.70	15.6
29	09	64	16.0	BR	0014	37	12.2	76	41.3	5	1	24		00	0.6	00.0	B	31.68	R	8.64	P	28	D	0.61	16.0
29	09	64	16.0	BR	0014	37	12.2	76	41.3	5	1	24		00	0.6	02.0	B	31.20	R	8.64	Y	28	Y	0.70	16.0
29	09	64	16.0	BR	0014	37	12.2	76	41.3	5	1	24		00	0.6	04.0	B	29.80	R	8.59	Y	28	Y	0.60	16.0
29	09	64	16.5	BR	0014	37	12.2	76	41.3	5	1			*		00.0			R	8.79	P	28	D	0.51	16.5
29	09	64	16.5	BR	0014	37	12.2	76	41.3	5	1			*		02.0			R	8.81	Y	28	Y	0.60	16.5
29	09	64	16.5	BR	0014	37	12.2	76	41.3	5	1			*		04.0			R	8.81	Y	28	Y	0.70	16.5
29	09	64	17.0	BR	0014	37	12.2	76	41.3	5	2			*	0.8	00.0	B	29.44	R	9.03	Y	27	Y	0.50	17.1
29	09	64	17.0	BR	0014	37	12.2	76	41.3	5	2			*	0.8	00.0					P	28	D	0.38	17.2
29	09	64	17.0	BR	0014	37	12.2	76	41.3	5	2			*	0.8	02.0	B	28.60	R	9.33	Y	27	Y	0.60	17.1
29	09	64	17.0	BR	0014	37	12.2	76	41.3	5	2			*	0.8	04.0	B	28.48	R	9.33	Y	28	Y	0.60	17.1
29	09	64	17.5	BR	0014	37	12.2	76	41.3	5	2	23		00		00.0	B	28.20	R	9.59	Y	27	Y	0.50	17.6
29	09	64	17.5	BR	0014	37	12.2	76	41.3	5	2	23		00		00.0					P	28	D	0.34	17.7
29	09	64	17.5	BR	0014	37	12.2	76	41.3	5	2	23		00		02.0	B	28.76	R	9.59	Y	28	Y	0.60	17.6
29	09	64	17.5	BR	0014	37	12.2	76	41.3	5	2	23		00		04.0	B	28.40	R	9.59	Y	28	Y	0.37	17.6
29	09	64	18.0	BR	0014	37	12.2	76	41.3	5	2			*		00.0	B	28.80			Y	28	Y	0.42	18.0
29	09	64	18.0	BR	0014	37	12.2	76	41.3	5	2			*		00.0					P	27	D	0.35	18.0
29	09	64	18.0	BR	0014	37	12.2	76	41.3	5	2			*		02.0	B	28.76			Y	28	Y	0.40	18.0
29	09	64	18.0	BR	0014	37	12.2	76	41.3	5	2			*		04.0	B	29.40			Y	28	Y	0.37	18.0
29	09	64	18.5	BR	0014	37	12.2	76	41.3	5	3			*		00.0	B	28.84	R	9.70	Y	27	Y	0.43	18.5
29	09	64	18.5	BR	0014	37	12.2	76	41.3	5	3			*		00.0					P	27	D	0.28	18.5
29	09	64	18.5	BR	0014	37	12.2	76	41.3	5	3			*		02.0	B	29.60	R	9.81	Y	27	Y	0.42	18.5
29	09	64	18.5	BR	0014	37	12.2	76	41.3	5	3			*		04.0	B	30.00	R	9.86	Y	27	Y	0.35	18.5
29	09	64	19.0	BR	0014	37	12.2	76	41.3	5	3			*		00.0	B	30.48	R	10.06	Y	28	Y	0.34	19.0
29	09	64	19.0	BR	0014	37	12.2	76	41.3	5	3			*		00.0					P	28	D	0.23	19.0
29	09	64	19.0	BR	0014	37	12.2	76	41.3	5	3			*		02.0	B	30.40	R	10.05	Y	28	Y	0.33	19.0
29	09	64	19.0	BR	0014	37	12.2	76	41.3	5	3			*		04.0	B	30.20	R	9.99	Y	28	Y	0.32	19.0
29	09	64	19.5	BR	0014	37	12.2	76	41.3	5	3			*		00.0	B	30.44	R	9.60	Y	26	Y	0.23	19.5
29	09	64	19.5	BR	0014	37	12.2	76	41.3	5	3			*		00.0					P	27	D	0.17	19.6
29	09	64	19.5	BR	0014	37	12.2	76	41.3	5	3			*		02.0	B	30.84	R	10.02	Y	29	Y	0.22	19.5
29	09	64	19.5	BR	0014	37	12.2	76	41.3	5	3			*		04.0	B	30.60	R	10.05	Y	30	Y	0.22	19.5

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
29	09	64	20.0	BR	0014	37	12.2	76	41.3	4		5			*			00.0	B	31.04	R	9.45	Y	19	Y	0.07	20.0	
29	09	64	20.0	BR	0014	37	12.2	76	41.3	4		5			*			00.0					P	26	D	0.05	20.0	
29	09	64	20.0	BR	0014	37	12.2	76	41.3	4		5			*			02.0	B	31.04	R	10.08	Y	24	Y	0.09	20.0	
29	09	64	20.0	BR	0014	37	12.2	76	41.3	4		5			*			04.0	B	30.88	R	10.11	Y	24	Y	0.07	20.0	
29	09	64	20.5	BR	0014	37	12.2	76	41.3	5		5			*			00.0	B	33.80	R	8.50	Y	05	Y	0.35	20.5	
29	09	64	20.5	BR	0014	37	12.2	76	41.3	5		5			*			00.0					P	06	D	0.25	20.5	
29	09	64	20.5	BR	0014	37	12.2	76	41.3	5		5			*			02.0	B	31.60	R	8.96	Y	07	Y	0.06	20.5	
29	09	64	20.5	BR	0014	37	12.2	76	41.3	5		5			*			04.0	B	31.60	R	10.07	Y	15	Y	0.07	20.5	
29	09	64	21.0	BR	0014	37	12.2	76	41.3	5		5			*			00.0	B	33.04	R	8.83	Y	07	Y	0.50	21.6	
29	09	64	21.0	BR	0014	37	12.2	76	41.3	5		5			*			00.0					P	07	D	0.42	21.0	
29	09	64	21.0	BR	0014	37	12.2	76	41.3	5		5			*			02.0	B	32.60	R	8.95	Y	07	Y	0.50	21.0	
29	09	64	21.0	BR	0014	37	12.2	76	41.3	5		5			*			04.0	B	32.40	R	9.22	Y	10	Y	0.26	21.0	
29	09	64	21.5	BR	0014	37	12.2	76	41.3	5		6			*			00.0	B	33.00	R	9.42	Y	07	Y	0.60	21.5	
29	09	64	21.5	BR	0014	37	12.2	76	41.3	5		6			*			00.0					P	08	D	0.55	21.5	
29	09	64	21.5	BR	0014	37	12.2	76	41.3	5		6			*			02.0	B	33.00	R	9.38	Y	08	Y	0.50	21.5	
29	09	64	21.5	BR	0014	37	12.2	76	41.3	5		6			*			04.0	B	32.40	R	9.35	Y	09	Y	0.42	21.5	
29	09	64	22.0	BR	0014	37	12.2	76	41.3	5		5			*			00.0	B	28.60	R	9.19	P	09	D	0.69	22.2	
29	09	64	22.0	BR	0014	37	12.2	76	41.3	5		5			*			02.0	B	28.60	R	9.23	Y	08	Y	0.80	22.2	
29	09	64	22.0	BR	0014	37	12.2	76	41.3	5		5			*			04.0	B	28.60	R	9.26	Y	08	Y	0.80	22.2	
29	09	64	22.5	BR	0014	37	12.2	76	41.3	5		5			*			00.0			R	9.13	P	08	D	0.76	22.5	
29	09	64	22.5	BR	0014	37	12.2	76	41.3	5		5			*			02.0			R	8.39	Y	09	Y	0.80	22.5	
29	09	64	22.5	BR	0014	37	12.2	76	41.3	5		5			*			04.0			R	8.98	Y	09	Y	0.70	22.5	
29	09	64	23.0	BR	0014	37	12.2	76	41.3	5		6			*			00.0	B	27.76	R	8.78	P	08	D	0.76	23.0	
29	09	64	23.0	BR	0014	37	12.2	76	41.3	5		6			*			02.0	B	27.52	R	8.81	Y	08	Y	0.80	23.0	
29	09	64	23.0	BR	0014	37	12.2	76	41.3	5		6			*			04.0	B	27.52	R	8.91	Y	08	Y	0.75	23.0	
29	09	64	23.5	BR	0014	37	12.2	76	41.3	5		5			*			00.0			R	8.38	P	09	D	0.76	23.5	
29	09	64	23.5	BR	0014	37	12.2	76	41.3	5		5			*			02.0			R	8.76	Y	08	Y	0.75	23.5	
29	09	64	23.5	BR	0014	37	12.2	76	41.3	5		5			*			04.0			R	8.74	Y	08	Y	0.65	23.5	
30	09	64	00.0	BR	0014	37	12.2	76	41.3	5		6			*			00.0	B	27.20	R	8.40	P	09	D	0.74	00.0	
30	09	64	00.0	BR	0014	37	12.2	76	41.3	5		6			*			02.0	B	26.80	R	8.39	Y	07	Y	0.65	00.0	
30	09	64	00.0	BR	0014	37	12.2	76	41.3	5		6			*			04.0	B	27.20	R	9.25	Y	08	Y	0.60	00.0	
30	09	64	00.5	BR	0014	37	12.2	76	41.3	5		6			*			00.0			R	8.09	P	09	D	0.76	00.6	
30	09	64	00.5	BR	0014	37	12.2	76	41.3	5		6			*			02.0			R	8.11	Y	08	Y	0.65	00.6	
30	09	64	00.5	BR	0014	37	12.2	76	41.3	5		6			*			04.0			R	8.12	Y	08	Y	0.60	00.6	
30	09	64	01.0	BR	0014	37	12.2	76	41.3	5		6			*			00.0	B	27.52	R	7.76	P	09	D	0.73	01.0	
30	09	64	01.0	BR	0014	37	12.2	76	41.3	5		6			*			02.0	B	27.72	R	7.78	Y	08	Y	0.63	01.0	
30	09	64	01.0	BR	0014	37	12.2	76	41.3	5		6			*			04.0	B	27.80	R	7.89	Y	08	Y	0.63	01.0	
30	09	64	01.5	BR	0014	37	12.2	76	41.3	5		7			*			00.0			R	7.87	P	08	D	0.76	01.5	
30	09	64	01.5	BR	0014	37	12.2	76	41.3	5		7			*			02.0			R	7.72	Y	08	Y	0.52	01.5	
30	09	64	01.5	BR	0014	37	12.2	76	41.3	5		7			*			04.0			R	7.74	Y	07	Y	0.42	01.5	
30	09	64	02.0	BR	0014	37	12.2	76	41.3	5		7			*			00.0	B	28.00	R	7.49	P	08	D	0.54	02.0	
30	09	64	02.0	BR	0014	37	12.2	76	41.3	5		7			*			02.0	B	28.20	R	7.51	Y	06	Y	0.32	02.0	
30	09	64	02.0	BR	0014	37	12.2	76	41.3	5		7			*			04.0	B	28.40	R	7.70	Y	06	Y	0.32	02.0	
30	09	64	02.5	BR	0014	37	12.2	76	41.3	5		7			*			00.0			R	7.34	P	04	D	0.27	02.6	
30	09	64	02.5	BR	0014	37	12.2	76	41.3	5		7			*			02.0			R	7.30	Y	01	Y	0.20	02.6	
30	09	64	02.5	BR	0014	37	12.2	76	41.3	5		7			*			04.0			R	7.51	Y	04	Y	0.13	02.6	
30	09	64	03.0	BR	0014	37	12.2	76	41.3	5		8			*			00.0	B	28.52	R	7.43	P	03	D	0.23	03.0	
30	09	64	03.0	BR	0014	37	12.2	76	41.3	5		8			*			02.0	B	28.20	R	7.63	Y	32	Y	0.08	03.0	
30	09	64	03.0	BR	0014	37	12.2	76	41.3	5		8			*			04.0	B	28.40	R	8.32	Y	32	Y	0.17	03.0	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
29	09	64	12.5	IN	0014	37	13.1	76	41.3	2		8			*	0.7		00.0	T	22.90	R	7.66	S	05	S	0.04	12.5		
29	09	64	12.5	IN	0014	37	13.1	76	41.3	2		8			*	0.7		01.0	T	22.10	R	8.24	S	02	S	0.02	12.6		
29	09	64	13.0	IN	0014	37	13.1	76	41.3	2		8	26		*			00.0			R	7.63	S	32	S	0.07	13.0		
29	09	64	13.0	IN	0014	37	13.1	76	41.3	2		8	26		*			01.0			R	8.24	S	27	S	0.03	13.1		
29	09	64	13.5	IN	0014	37	13.1	76	41.3	2		1			*			00.0			R	7.66	S	28	S	0.08	13.5		
29	09	64	13.5	IN	0014	37	13.1	76	41.3	2		1			*			01.0			R	7.91	S	28	S	0.10	13.6		
29	09	64	14.0	IN	0014	37	13.1	76	41.3	*2		1	28	16	*			00.0	T	22.90	R	6.98	S	35	S	0.10	14.0		
29	09	64	14.0	IN	0014	37	13.1	76	41.3	*2		1	28	16	*			01.0	T	22.70	R	7.47	S	24	S	0.06	14.1		
29	09	64	14.5	IN	0014	37	13.1	76	41.3	2		1			*	1.1		00.0			R	6.99	S	23	S	0.09	14.5		
29	09	64	14.5	IN	0014	37	13.1	76	41.3	2		1			*	1.1		01.0			R	7.48	S	28	S	0.17	14.6		
29	09	64	15.0	IN	0014	37	13.1	76	41.3	*2		2	28	13	00	1.2		00.0	T	23.40	R	6.87	S	29	S	0.12	15.0		
29	09	64	15.0	IN	0014	37	13.1	76	41.3	*2		2	28	13	00	1.2		01.0	T	22.40	R	7.35	S	27	S	0.16	15.1		
29	09	64	15.5	IN	0014	37	13.1	76	41.3	2		2			*			00.0			R	6.89	S	27	S	0.16	15.5		
29	09	64	15.5	IN	0014	37	13.1	76	41.3	2		2			*			01.0			R	7.46	S	25	S	0.19	15.6		
29	09	64	16.0	IN	0014	37	13.1	76	41.3	*2		2	24	99	*	1.1		00.0	T	22.80	R	7.01	S	25	S	0.23	16.0		
29	09	64	16.0	IN	0014	37	13.1	76	41.3	*2		2	24	99	*	1.1		01.0	T	22.60	R	7.72	S	26	S	0.19	16.1		
29	09	64	16.5	IN	0014	37	13.1	76	41.3	2		2			*			00.0			R	7.10	S	25	S	0.31	16.5		
29	09	64	16.5	IN	0014	37	13.1	76	41.3	2		2			*			01.0			R	7.57	S	25	S	0.22	16.6		
29	09	64	17.0	IN	0014	37	13.1	76	41.3	2		*	23		*			00.0			R	7.66	S	25	S	0.30	17.0		
29	09	64	17.0	IN	0014	37	13.1	76	41.3	2		*	23		*			02.0			R	7.73	S	25	S	0.20	17.0		
29	09	64	17.5	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	7.83	S	25	S	0.28	17.5		
29	09	64	17.5	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	7.84	S	25	S	0.20	17.5		
29	09	64	18.0	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	7.98	S	24	S	0.15	18.0		
29	09	64	18.0	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	8.05	S	25	S	0.16	18.0		
29	09	64	18.5	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	8.20	S	24	S	0.15	18.5		
29	09	64	18.5	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	8.27	S	24	S	0.11	18.5		
29	09	64	19.0	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	8.26	S	25	S	0.15	19.0		
29	09	64	19.0	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	8.29	S	23	S	0.10	19.0		
29	09	64	19.5	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	8.30	S	19	S	0.05	19.5		
29	09	64	19.5	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	8.35	S	15	S	0.05	19.5		
29	09	64	20.0	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	8.24	S	09	S	0.05	20.0		
29	09	64	20.0	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	8.39	S	08	S	0.04	20.0		
29	09	64	20.5	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	8.27	S	06	S	0.11	20.5		
29	09	64	20.5	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	8.51	S	06	S	0.14	20.5		
29	09	64	21.0	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	7.64	S	25	S	0.14	21.0		
29	09	64	21.0	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	8.55	S	36	S	0.20	21.0		
29	09	64	21.5	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	7.61	S	36	S	0.25	21.5		
29	09	64	21.5	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	8.47	S	04	S	0.15	21.5		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
29	09	64	22.0	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	7.61	S	36	S	0.31	22.0	
29	09	64	22.0	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	8.46	S	04	S	0.20	22.0	
29	09	64	22.5	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	7.65	S	06	S	0.21	22.5	
29	09	64	22.5	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	8.87	S	07	S	0.22	22.6	
29	09	64	23.0	IN	0014	37	13.1	76	41.3	2		*			*			00.0	T	22.70	R	7.68	S	06	S	0.20	23.0	
29	09	64	23.0	IN	0014	37	13.1	76	41.3	2		*			*			02.0	T	22.70	R	8.05	S	06	S	0.15	23.1	
29	09	64	23.5	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	7.70	S	07	S	0.27	23.5	
29	09	64	23.5	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	7.70	S	05	S	0.21	23.6	
30	09	64	00.0	IN	0014	37	13.1	76	41.3	2		*			*			00.0	T	22.40	R	7.65	S	06	S	0.25	00.0	
30	09	64	00.0	IN	0014	37	13.1	76	41.3	2		*			*			02.0	T	22.40	R	7.57	S	07	S	0.22	00.1	
30	09	64	00.5	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	7.46	S	05	S	0.16	00.5	
30	09	64	00.5	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	7.51	S	05	S	0.16	00.6	
30	09	64	01.0	IN	0014	37	13.1	76	41.3	2		*			*			00.0	T	22.20	R	7.41	S	05	S	0.12	01.0	
30	09	64	01.0	IN	0014	37	13.1	76	41.3	2		*			*			02.0	T	22.30	R	7.41	S	05	S	0.11	01.1	
30	09	64	01.5	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	7.44	S	04	S	0.11	01.5	
30	09	64	01.5	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	7.47	S	04	S	0.10	01.6	
30	09	64	02.5	IN	0014	37	13.1	76	41.3	2		*			*			00.0			R	7.45	S	32	S	0.12	02.5	
30	09	64	02.5	IN	0014	37	13.1	76	41.3	2		*			*			02.0			R	7.45	S	23	S	0.10	02.6	
30	09	64	02.0	IN	0014	37	13.1	76	41.3	2		*			*			00.0	T	22.20	R	7.45	S	09	S	0.10	02.0	
30	09	64	02.0	IN	0014	37	13.1	76	41.3	2		*			*			02.0	T	22.40	R	7.42	S	05	S	0.10	02.1	
30	09	64	03.0	IN	0014	37	13.1	76	41.3	2		*			*			00.0	T	22.20	R	7.48	S	22	S	0.09	03.0	
30	09	64	03.0	IN	0014	37	13.1	76	41.3	2		*			*			02.0	T	22.20	R	7.48	S	23	S	0.09	03.1	
29	09	64	12.7	LA	0014	37	12.7	76	41.3	8		7			*			00.0	T	22.50	R	7.12	V	32	V	0.50	12.7	
29	09	64	12.7	LA	0014	37	12.7	76	41.3	8		7			*			04.0	T	22.10	R	7.61	V	31	V	0.26	12.8	
29	09	64	12.7	LA	0014	37	12.7	76	41.3	8		7			*			06.0	T	22.20	R	7.72	V	29	V	0.17	12.9	
29	09	64	13.0	LA	0014	37	12.7	76	41.3	8		7	25		00	1.1		00.0	T	22.30	R	7.03	V	33	V	0.42	13.1	
29	09	64	13.0	LA	0014	37	12.7	76	41.3	8		7	25		00	1.1		04.0	T	22.00	R	7.19		*		*	*	
29	09	64	13.0	LA	0014	37	12.7	76	41.3	8		7	25		00	1.1		06.0	T	22.00	R	7.72	V	24	V	0.09	13.2	
29	09	64	13.5	LA	0014	37	12.7	76	41.3	8		7			*			00.0	T	22.20	R	6.87	V	34	V	0.23	13.6	
29	09	64	13.5	LA	0014	37	12.7	76	41.3	8		7			*			04.0	T	22.00	R	7.60	V	30	V	0.03	13.6	
29	09	64	13.5	LA	0014	37	12.7	76	41.3	8		7			*			06.0	T	22.00	R	7.67	V	19	V	0.05	13.7	
29	09	64	13.5	LA	0014	37	12.7	76	41.3	8		7			*			08.0					V	16	V	0.12	13.7	
29	09	64	14.0	LA	0014	37	12.7	76	41.3	*8		8	28	16	00	1.0		00.0	T	22.50	R	6.97	V	03	V	0.10	14.1	
29	09	64	14.0	LA	0014	37	12.7	76	41.3	*8		8	28	16	00	1.0		04.0	T	22.10	R	7.58	V	12	V	0.14	14.1	
29	09	64	14.0	LA	0014	37	12.7	76	41.3	*8		8	28	16	00	1.0		06.0	T	22.10	R	7.75	V	13	V	0.27	14.2	
29	09	64	14.0	LA	0014	37	12.7	76	41.3	*8		8	28	16	00	1.0		08.0	T	22.10	R	7.89	V	13	V	0.21	14.2	
29	09	64	14.5	LA	0014	37	12.7	76	41.3	8		1			*			00.0	T	22.80	R	6.91	V	09	V	0.20	14.6	
29	09	64	14.5	LA	0014	37	12.7	76	41.3	8		1			*			04.0	T	22.00	R	7.78	V	12	V	0.40	14.6	
29	09	64	14.5	LA	0014	37	12.7	76	41.3	8		1			*			06.0	T	21.90	R	7.95	V	12	V	0.43	14.7	
29	09	64	14.5	LA	0014	37	12.7	76	41.3	8		1			*			08.0	T	22.00	R	7.96	V	11	V	0.35	14.8	
29	09	64	15.0	LA	0014	37	12.7	76	41.3	*8		1	28	13	00	1.0		00.0	T	22.40	R	7.13	V	12	V	0.41	15.2	
29	09	64	15.0	LA	0014	37	12.7	76	41.3	*8		1	28	13	00	1.0		04.0	T	21.90	R	7.92	V	12	V	0.50	15.2	
29	09	64	15.0	LA	0014	37	12.7	76	41.3	*8		1	28	13	00	1.0		06.0	T	21.90	R	7.99	V	12	V	0.50	15.2	
29	09	64	15.0	LA	0014	37	12.7	76	41.3	*8		1	28	13	00	1.0		08.0	T	21.90	R	8.12	V	12	V	0.37	15.1	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
29	09	64	15.5	LA	0014	37	12.7	76	41.3	8		1			*			00.0	T	22.40	R	7.99	V	13	V	0.50	15.6
29	09	64	15.5	LA	0014	37	12.7	76	41.3	8		1			*			04.0	T	22.00	R	8.22	V	13	V	0.50	15.6
29	09	64	15.5	LA	0014	37	12.7	76	41.3	8		1			*			06.0	T	21.90			V	13	V	0.49	15.7
29	09	64	15.5	LA	0014	37	12.7	76	41.3	8		1			*			08.0	T	21.90	R	8.26	V	12	V	0.41	15.7
29	09	64	16.0	LA	0014	37	12.7	76	41.3	8		2	24		00	1.2		00.0	T	22.20	R	8.37	V	13	V	0.51	16.0
29	09	64	16.0	LA	0014	37	12.7	76	41.3	8		2	24		00	1.2		04.0	T	21.90	R	8.23	V	13	V	0.50	16.2
29	09	64	16.0	LA	0014	37	12.7	76	41.3	8		2	24		00	1.2		06.0			R	8.44	V	12	V	0.50	16.2
29	09	64	16.0	LA	0014	37	12.7	76	41.3	8		2	24		00	1.2		08.0	T	21.90	R	8.51	V	11	V	0.41	16.3
29	09	64	16.5	LA	0014	37	12.7	76	41.3	8		2			*			00.0	T	22.20	R	7.52	V	13	V	0.60	16.5
29	09	64	16.5	LA	0014	37	12.7	76	41.3	8		2			*			04.0	T	21.90	R	8.44	V	12	V	0.50	16.5
29	09	64	16.5	LA	0014	37	12.7	76	41.3	8		2			*			06.0	T	21.90	R	8.60	V	13	V	0.46	16.6
29	09	64	16.5	LA	0014	37	12.7	76	41.3	8		2			*			08.0	T	21.90	R	8.66	V	12	V	0.30	16.6
29	09	64	17.0	LA	0014	37	12.7	76	41.3	8		2	23		00	1.4		00.0	T	22.40	R	7.82	V	12	V	0.55	17.1
29	09	64	17.0	LA	0014	37	12.7	76	41.3	8		2	23		00	1.4		04.0	T	22.00	R	8.63	V	12	V	0.50	17.1
29	09	64	17.0	LA	0014	37	12.7	76	41.3	8		2	23		00	1.4		06.0	T	21.90	R	8.74	V	13	V	0.50	17.2
29	09	64	17.0	LA	0014	37	12.7	76	41.3	8		2	23		00	1.4		08.0	T	22.00	R	8.99	V	13	V	0.41	17.2
29	09	64	17.5	LA	0014	37	12.7	76	41.3	8		2			*			00.0			R	8.84	V	12	V	0.55	17.6
29	09	64	17.5	LA	0014	37	12.7	76	41.3	8		2			*			04.0	T	22.11	R	8.94	V	12	V	0.50	17.7
29	09	64	17.5	LA	0014	37	12.7	76	41.3	8		2			*			06.0	T	22.11	R	8.99	V	12	V	0.48	17.8
29	09	64	17.5	LA	0014	37	12.7	76	41.3	8		2			*			08.0	T	22.00	R	9.00	V	12	V	0.36	17.8
29	09	64	18.0	LA	0014	37	12.7	76	41.3	8		2	23		00			00.0	T	22.40	R	8.99	V	11	V	0.50	18.1
29	09	64	18.0	LA	0014	37	12.7	76	41.3	8		2	23		00			04.0	T	22.10	R	9.19	V	12	V	0.50	18.1
29	09	64	18.0	LA	0014	37	12.7	76	41.3	8		2	23		00			06.0	T	22.10	R	9.20	V	12	V	0.49	18.2
29	09	64	18.0	LA	0014	37	12.7	76	41.3	8		2	23		00			08.0	T	22.10	R	9.23	V	11	V	0.36	18.3
29	09	64	19.0	LA	0014	37	12.7	76	41.3	8		3	23		00			00.0	T	22.30	R	9.07	V	12	V	0.40	19.1
29	09	64	19.0	LA	0014	37	12.7	76	41.3	8		3	23		00			04.0	T	22.10	R	9.32	V	12	V	0.25	19.1
29	09	64	19.0	LA	0014	37	12.7	76	41.3	8		3	23		00			06.0	T	22.10	R	9.40	V	12	V	0.30	19.1
29	09	64	19.0	LA	0014	37	12.7	76	41.3	8		3	23		00			08.0	T	22.00	R	9.53	V	10	V	0.25	19.1
29	09	64	19.5	LA	0014	37	12.7	76	41.3	8		3			*			00.0	T	22.30	R	8.81	V	12	V	0.41	19.6
29	09	64	19.5	LA	0014	37	12.7	76	41.3	8		3			*			04.0	T	22.10	R	9.46	V	11	V	0.24	19.6
29	09	64	19.5	LA	0014	37	12.7	76	41.3	8		3			*			06.0	T	22.00	R	9.51	V	10	V	0.20	19.7
29	09	64	19.5	LA	0014	37	12.7	76	41.3	8		3			*			08.0	T	22.00	R	9.54	V	10	V	0.19	19.7
29	09	64	20.0	LA	0014	37	12.7	76	41.3	8		3	03		*			00.0	T	22.20	R	8.56	V	17	V	0.17	20.1
29	09	64	20.0	LA	0014	37	12.7	76	41.3	8		3	03		*			02.0					V	13	V	0.10	20.3
29	09	64	20.0	LA	0014	37	12.7	76	41.3	8		3	03		*			04.0	T	22.10	R	9.58	P	*	P	*	*
29	09	64	20.0	LA	0014	37	12.7	76	41.3	8		3	03		*			07.0	T	22.10	R	9.66	V	06	V	0.04	20.4
29	09	64	20.5	LA	0014	37	12.7	76	41.3	8		4			*			00.0	T	22.40	R	8.60	V	22	V	0.02	20.6
29	09	64	20.5	LA	0014	37	12.7	76	41.3	8		4			*			04.0	T	22.10	R	9.61	V	17	V	0.01	20.6
29	09	64	20.5	LA	0014	37	12.7	76	41.3	8		4			*			06.0	T	22.10	R	9.67	V	35	V	0.02	20.6
29	09	64	20.5	LA	0014	37	12.7	76	41.3	8		4			*			07.0	T	22.00	R	9.72	V	34	V	0.02	20.7
29	09	64	21.0	LA	0014	37	12.7	76	41.3	*7		5	24	18	03			00.0	T	22.30	R	8.65	V	30	V	0.12	21.1
29	09	64	21.0	LA	0014	37	12.7	76	41.3	*7		5	24	18	03			04.0	T	22.10	R	9.50	V	31	V	0.16	21.2
29	09	64	21.0	LA	0014	37	12.7	76	41.3	*7		5	24	18	03			06.0	T	22.10	R	9.87	V	31	V	0.27	21.3
29	09	64	21.0	LA	0014	37	12.7	76	41.3	*7		5	24	18	03			07.0	T	22.10	R	10.03	V	32	V	0.24	21.3
29	09	64	21.5	LA	0014	37	12.7	76	41.3	7		5			*			00.0	T	22.60	R	8.63	V	32	V	0.28	21.7
29	09	64	21.5	LA	0014	37	12.7	76	41.3	7		5			*			04.0	T	22.10	R	9.32	V	30	V	0.30	21.8
29	09	64	21.5	LA	0014	37	12.7	76	41.3	7		5			*			07.0	T	22.10	R	9.88	V	31	V	0.27	21.8
29	09	64	22.0	LA	0014	37	12.7	76	41.3	*7		5	25	20	06			00.0	T	22.30	R	8.48	V	30	V	0.45	22.1
29	09	64	22.0	LA	0014	37	12.7	76	41.3	*7		5	25	20	06			04.0	T	22.20	R	8.91	V	30	V	0.41	22.2
29	09	64	22.0	LA	0014	37	12.7	76	41.3	*7		5	25	20	06			06.0	T	22.10	R	9.58	V	31	V	0.40	22.2
29	09	64	22.0	LA	0014	37	12.7	76	41.3	*7		5	25	20	06			07.0	T	22.10	R	9.82	V	31	V	0.30	22.3

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
29	09	64	22.5	LA	0014	37	12.7	76	41.3	8		6			*			00.0	T	22.20	R	8.43	V	31	V	0.60	22.7	
29	09	64	22.5	LA	0014	37	12.7	76	41.3	8		6			*			04.0	T	22.21	R	8.97	V	30	V	0.50	22.8	
29	09	64	22.5	LA	0014	37	12.7	76	41.3	8		6			*			06.0	T	22.10	R	9.44	V	31	V	0.48	22.8	
29	09	64	22.5	LA	0014	37	12.7	76	41.3	8		6			*			07.0	T	22.10	R	9.54	V	31	V	0.34	22.9	
29	09	64	23.2	LA	0014	37	12.7	76	41.3	8		6	24	2	04			00.0	T	22.20	R	8.41	V	31	V	0.65	23.3	
29	09	64	23.2	LA	0014	37	12.7	76	41.3	8		6	24	2	04			07.0	T	22.10	R	9.37	V	30	V	0.22	23.4	
29	09	64	23.6	LA	0014	37	12.7	76	41.3	8		6			*			00.0	T	21.10	R	8.31	V	31	V	0.70	23.7	
29	09	64	23.6	LA	0014	37	12.7	76	41.3	8		6			*			04.0	T	21.10	R	8.65	V	31	V	0.50	23.7	
29	09	64	23.6	LA	0014	37	12.7	76	41.3	8		6			*			06.0	T	21.10	R	9.04	V	30	V	0.31	23.6	
29	09	64	23.6	LA	0014	37	12.7	76	41.3	8		6			*			07.0	T	21.20	R	9.10	V	30	V	0.21	23.6	
30	09	64	00.0	LA	0014	37	12.7	76	41.3	*8		6	24	20	02			00.0	T	22.00	R	8.27	V	31	V	0.70	00.1	
30	09	64	00.0	LA	0014	37	12.7	76	41.3	*8		6	24	20	02			04.0	T	22.10	R	8.70	V	31	V	0.50	00.2	
30	09	64	00.5	LA	0014	37	12.7	76	41.3	8		6			*			06.0	T	22.00	R	8.60	V	30	V	0.39	00.7	
30	09	64	00.5	LA	0014	37	12.7	76	41.3	8		6			*			07.0	T	22.10	R	8.61	V	30	V	0.26	00.6	
30	09	64	01.0	LA	0014	37	12.7	76	41.3	*8		6	25	36	03			00.0	T	22.00	R	7.48	V	32	V	0.70	01.2	
30	09	64	01.0	LA	0014	37	12.7	76	41.3	*8		6	25	36	03			04.0	T	22.00	R	8.20	V	31	V	0.50	01.2	
30	09	64	01.0	LA	0014	37	12.7	76	41.3	*8		6	25	36	03			07.0	T	22.10	R	8.45	V	31	V	0.25	01.2	
30	09	64	01.5	LA	0014	37	12.7	76	41.3	8		7			*			00.0	T	22.00	R	7.44	V	32	V	0.55	01.8	
30	09	64	01.5	LA	0014	37	12.7	76	41.3	8		7			*			04.0	T	22.00	R	7.92	V	32	V	0.47	01.7	
30	09	64	00.0	LA	0014	37	12.7	76	41.3	*8		6	24	20	02			07.0			R	8.78	V	30	V	0.29	00.3	
30	09	64	00.5	LA	0014	37	12.7	76	41.3	8		6			*			00.0			R	7.73	V	32	V	0.70	00.7	
30	09	64	00.5	LA	0014	37	12.7	76	41.3	8		6			*			04.0			R	8.54	V	31	V	0.50	00.7	
29	09	64	23.2	LA	0014	37	12.7	76	41.3	8		6	24	2	04			04.0			R	9.10	V	31	V	0.50	23.4	
30	09	64	01.5	LA	0014	37	12.7	76	41.3	8		7			*			06.0			R	8.21	V	28	V	0.23	01.7	
30	09	64	01.5	LA	0014	37	12.7	76	41.3	8		7			*			07.0			R	8.42	V	28	V	0.20	01.6	
30	09	64	02.0	LA	0014	37	12.7	76	41.3	8		7	24	1	05			00.0			R	7.35	V	32	V	0.50	02.1	
30	09	64	02.0	LA	0014	37	12.7	76	41.3	8		7	24	1	05			04.0	T	22.00	R	7.83	V	32	V	0.35	02.2	
30	09	64	02.0	LA	0014	37	12.7	76	41.3	8		7	24	1	05			07.0	T	22.00	R	8.19	V	27	V	0.12	02.3	
30	09	64	02.7	LA	0014	37	12.7	76	41.3	8		7			*			00.0	T	22.20	R	7.29	V	33	V	0.35	02.8	
30	09	64	02.7	LA	0014	37	12.7	76	41.3	8		7			*			04.0	T	22.10	R	7.40	V	30	V	0.12	02.8	
30	09	64	02.7	LA	0014	37	12.7	76	41.3	8		7			*			06.0	T	22.00	R	7.93	V	25	V	0.06	02.8	
30	09	64	02.7	LA	0014	37	12.7	76	41.3	8		7			*			07.0	T	22.10	R	7.97	V	20	V	0.03	02.7	
30	09	64	03.0	LA	0014	37	12.7	76	41.3	*8		7	24	20	04			00.0	T	22.10	R	7.36	V	32	V	0.21	03.1	
30	09	64	03.0	LA	0014	37	12.7	76	41.3	*8		7	24	20	04			04.0	T	22.00	R	7.68	V	08	V	0.02	03.1	
30	09	64	03.0	LA	0014	37	12.7	76	41.3	*8		7	24	20	04			06.0	T	22.00	R	7.77	V	17	V	0.03	03.2	
30	09	64	03.0	LA	0014	37	12.7	76	41.3	*8		7	24	20	04			08.0	T	22.00	R	8.03	V	15	V	0.09	03.2	
30	09	64	03.5	LA	0014	37	12.7	76	41.3	8		8			*			00.0	T	22.20	R	7.38	V	34	V	0.13	03.5	
30	09	64	03.5	LA	0014	37	12.7	76	41.3	8		8			*			04.0	T	22.10	R	7.67	V	10	V	0.08	03.6	
30	09	64	03.5	LA	0014	37	12.7	76	41.3	8		8			*			06.0	T	22.10	R	7.68	V	13	V	0.11	03.6	
30	09	64	03.5	LA	0014	37	12.7	76	41.3	8		8			*			08.0	T	22.10	R	7.85	V	12	V	0.15	03.7	
30	09	64	04.0	LA	0014	37	12.7	76	41.3	*8		8	24	21	03			00.0	T	22.20	R	7.52	V	10	V	0.13	04.1	
30	09	64	04.0	LA	0014	37	12.7	76	41.3	*8		8	24	21	03			04.0	T	22.10	R	7.64	V	13	V	0.28	04.2	
30	09	64	04.0	LA	0014	37	12.7	76	41.3	*8		8	24	21	03			06.0	T	22.00	R	8.00	V	11	V	0.36	04.3	
30	09	64	04.0	LA	0014	37	12.7	76	41.3	*8		8	24	21	03			08.0	T	22.10	R	8.04	V	08	V	0.25	04.4	
30	09	64	04.5	LA	0014	37	12.7	76	41.3	8		1			*			00.0	T	22.10				*		*	*	
30	09	64	04.5	LA	0014	37	12.7	76	41.3	8		1			*			04.0	T	22.10				*		*	*	
30	09	64	04.5	LA	0014	37	12.7	76	41.3	8		1			*			08.0	T	22.10				*		*	*	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
30	09	64	05.0	LA	0014	37	12.7	76	41.3	8		1			*			00.0	T	22.10				*		*	*		
30	09	64	05.0	LA	0014	37	12.7	76	41.3	8		1			*			04.0	T	22.10				*		*	*		
30	09	64	05.0	LA	0014	37	12.7	76	41.3	8		1			*			08.0	T	22.10				*		*	*		
30	09	64	05.5	LA	0014	37	12.7	76	41.3	8		1			*			00.0	T	22.10				*		*	*		
30	09	64	05.5	LA	0014	37	12.7	76	41.3	8		1			*			04.0	T	22.10				*		*	*		
30	09	64	05.5	LA	0014	37	12.7	76	41.3	8		1			*			08.0	T	22.10				*		*	*		
30	09	64	06.0	LA	0014	37	12.7	76	41.3	8		2			*			00.0	T	22.10				*		*	*		
30	09	64	06.0	LA	0014	37	12.7	76	41.3	8		2			*			04.0	T	22.10				*		*	*		
30	09	64	06.0	LA	0014	37	12.7	76	41.3	8		2			*			08.0	T	22.10				*		*	*		
30	09	64	06.5	LA	0014	37	12.7	76	41.3	8		2			*			00.0	T	22.10				*		*	*		
30	09	64	06.5	LA	0014	37	12.7	76	41.3	8		2			*			04.0	T	22.10				*		*	*		
30	09	64	06.5	LA	0014	37	12.7	76	41.3	8		2			*			08.0	T	22.10				*		*	*		

Cruise 0014

Stations:

38
39

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
27	09	64	06.5	IN	0014	36	50.8	76	15.7	6		8			*			00.0	T	21.90	R	16.53	S	29	S	0.06	06.7	
27	09	64	06.5	IN	0014	36	50.8	76	15.7	6		8			*			02.0			R	16.77	S	19	S	0.04	06.7	
27	09	64	06.5	IN	0014	36	50.8	76	15.7	6		8			*			04.0			R	16.99	S	06	S	0.04	06.8	
27	09	64	06.5	IN	0014	36	50.8	76	15.7	6		8			*			06.0			R	17.74	S	02	S	0.04	06.8	
27	09	64	07.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		02.0	T	22.10	R	16.73	S	12	S	0.02	07.1	
27	09	64	07.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		00.0	T	22.10	R	16.52	S	29	S	0.05	07.0	
27	09	64	07.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		04.0	T	22.30	R	17.17	S	08	S	0.02	07.1	
27	09	64	07.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		06.0	T	22.20	R	18.02	S	08	S	0.08	07.2	
27	09	64	07.5	IN	0014	36	50.8	76	15.7	6		8			*			00.0	T	22.20	R	16.61	S	28	S	0.01	07.6	
27	09	64	07.5	IN	0014	36	50.8	76	15.7	6		8			*			02.0	T	22.20	R	16.65	S	10	S	0.07	07.6	
27	09	64	07.5	IN	0014	36	50.8	76	15.7	6		8			*			04.0	T	22.30	R	17.26	S	07	S	0.07	07.6	
27	09	64	07.5	IN	0014	36	50.8	76	15.7	6		8			*			06.0	T	22.40	R	17.67	S	08	S	0.07	07.7	
27	09	64	08.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		00.0	T	22.20	R	16.57	S	10	S	0.04	08.0	
27	09	64	08.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		02.0	T	22.20	R	16.74	S	09	S	0.08	08.1	
27	09	64	08.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		04.0	T	22.20	R	17.05	S	09	S	0.11	08.1	
27	09	64	08.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		06.0	T	22.20	R	17.82	S	10	S	0.01	08.2	
27	09	64	08.5	IN	0014	36	50.8	76	15.7	6		8			*			00.0	T	22.20	R	16.63	S	11	S	0.06	08.5	
27	09	64	08.5	IN	0014	36	50.8	76	15.7	6		8			*			02.0	T	22.20	R	16.87	S	09	S	0.14	08.6	
27	09	64	08.5	IN	0014	36	50.8	76	15.7	6		8			*			04.0	T	22.20	R	16.97	S	08	S	0.16	08.6	
27	09	64	08.5	IN	0014	36	50.8	76	15.7	6		8			*			06.0	T	22.30	R	17.59	S	07	S	0.11	08.7	
27	09	64	09.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		00.0	T	22.30	R	16.67	S	06	S	0.08	09.0	
27	09	64	09.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		02.0	T	22.20	R	16.78	S	09	S	0.17	09.1	
27	09	64	09.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		04.0	T	22.20	R	17.09	S	09	S	0.16	09.1	
27	09	64	09.0	IN	0014	36	50.8	76	15.7	6		8			*	0.8		06.0	T	22.20	R	17.23	S	07	S	0.06	09.2	
27	09	64	09.5	IN	0014	36	50.8	76	15.7	6		8			*			00.0	T	22.50	R	16.65	S	08	S	0.06	09.5	
27	09	64	09.5	IN	0014	36	50.8	76	15.7	6		8			*			02.0	T	22.30	R	16.77	S	10	S	0.10	09.6	
27	09	64	09.5	IN	0014	36	50.8	76	15.7	6		8			*			04.0	T	22.30	R	17.26	S	09	S	0.28	09.7	
27	09	64	09.5	IN	0014	36	50.8	76	15.7	6		8			*			06.0	T	22.20	R	18.67	S	08	S	0.16	09.7	
27	09	64	10.0	IN	0014	36	50.8	76	15.7	6		8			*	1.0		00.0	T	22.80	R	16.71	S	06	S	0.09	10.0	
27	09	64	10.0	IN	0014	36	50.8	76	15.7	6		8			*	1.0		02.0	T	22.30	R	17.14	S	13	S	0.04	10.0	
27	09	64	10.0	IN	0014	36	50.8	76	15.7	6		8			*	1.0		04.0	T	22.20	R	17.80	S	09	S	0.21	10.2	
27	09	64	10.0	IN	0014	36	50.8	76	15.7	6		8			*	1.0		06.0	T	22.20	R	18.75	S	09	S	0.18	10.2	
27	09	64	10.5	IN	0014	36	50.8	76	15.7	6		8			*			00.0	T	22.70	R	16.63	S	22	S	0.04	10.5	
27	09	64	10.5	IN	0014	36	50.8	76	15.7	6		8			*			02.0	T	22.50	R	17.01	S	08	S	0.13	10.6	
27	09	64	10.5	IN	0014	36	50.8	76	15.7	6		8			*			04.0	T	22.20	R	18.31	S	12	S	0.06	10.7	
27	09	64	10.5	IN	0014	36	50.8	76	15.7	6		8			*			06.0	T	22.20	R	18.65	S	09	S	0.09	10.7	
27	09	64	11.0	IN	0014	36	50.8	76	15.7	6		8			*	1.0		00.0	T	22.70	R	16.73	S	29	S	0.09	11.1	
27	09	64	11.0	IN	0014	36	50.8	76	15.7	6		8			*	1.0		02.0	T	22.50	R	17.32	S	11	S	0.10	11.1	
27	09	64	11.0	IN	0014	36	50.8	76	15.7	6		8			*	1.0		04.0	T	22.30	R	18.07	S	11	S	0.11	11.2	
27	09	64	11.0	IN	0014	36	50.8	76	15.7	6		8			*	1.0		06.0	T	22.20	R	18.78	S	09	S	0.07	11.2	
27	09	64	11.5	IN	0014	36	50.8	76	15.7	6		8			*			00.0	T	23.00	R	16.85	S	04	S	0.02	11.5	
27	09	64	11.5	IN	0014	36	50.8	76	15.7	6		8			*			02.0	T	22.40	R	17.45	S	11	S	0.04	11.6	
27	09	64	11.5	IN	0014	36	50.8	76	15.7	6		8			*			04.0	T	22.30	R	18.29	S	13	S	0.04	11.6	
27	09	64	11.5	IN	0014	36	50.8	76	15.7	6		8			*			06.0	T	22.10	R	18.89	S	06	S	0.11	11.7	
27	09	64	12.0	IN	0014	36	50.8	76	15.7	6		8			03	0.8		00.0	T	22.90	R	16.84	S	23	S	0.10	12.2	
27	09	64	12.0	IN	0014	36	50.8	76	15.7	6		8			03	0.8		02.0	T	22.50	R	17.62	S	14	S	0.03	12.1	
27	09	64	12.0	IN	0014	36	50.8	76	15.7	6		8			03	0.8		04.0	T	22.20	R	18.28	S	34	S	0.03	12.0	
27	09	64	12.0	IN	0014	36	50.8	76	15.7	6		8			03	0.8		06.0	T	22.20	R	18.87	S	08	S	0.03	12.0	
27	09	64	12.5	IN	0014	36	50.8	76	15.7	6		8			*			00.0	T	22.90	R	17.04	S	16	S	0.05	12.5	
27	09	64	12.5	IN	0014	36	50.8	76	15.7	6		8			*			02.0	T	22.10	R	17.54	S	10	S	0.03	12.5	
27	09	64	12.5	IN	0014	36	50.8	76	15.7	6		8			*			04.0	T	22.30	R	18.60	S	31	S	0.02	12.6	
27	09	64	12.5	IN	0014	36	50.8	76	15.7	6		8			*			06.0	T	22.30	R	19.04	S	09	S	0.02	12.7	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
27	09	64	13.0	IN	0014	36	50.8	76	15.7	6		8			03	0.9		00.0	T	23.00	R	17.14	S	07	S	0.03	13.0	
27	09	64	13.0	IN	0014	36	50.8	76	15.7	6		8			03	0.9		02.0	T	22.90	R	17.27	S	04	S	0.03	13.1	
27	09	64	13.0	IN	0014	36	50.8	76	15.7	6		8			03	0.9		04.0	T	22.50	R	17.96	S	23	S	0.04	13.1	
27	09	64	13.0	IN	0014	36	50.8	76	15.7	6		8			03	0.9		06.0	T	22.30	R	18.96	S	29	S	0.02	13.2	
27	09	64	13.5	IN	0014	36	50.8	76	15.7	6		8			*			00.0	T	23.30	R	17.22	S	20	S	0.04	13.5	
27	09	64	13.5	IN	0014	36	50.8	76	15.7	6		8			*			02.0	T	23.10	R	17.27	S	26	S	0.03	13.5	
27	09	64	13.5	IN	0014	36	50.8	76	15.7	6		8			*			04.0	T	22.50	R	18.29	S	31	S	0.05	13.5	
27	09	64	13.5	IN	0014	36	50.8	76	15.7	6		8			*			06.0	T	22.20	R	19.10	S	29	S	0.04	13.5	
27	09	64	14.0	IN	0014	36	50.8	76	15.7	6		1			04	1.0		00.0	T	23.30	R	17.24	S	29	S	0.11	14.0	
27	09	64	14.0	IN	0014	36	50.8	76	15.7	6		1			04	1.0		02.0	T	23.00	R	17.20	S	28	S	0.14	14.0	
27	09	64	14.0	IN	0014	36	50.8	76	15.7	6		1			04	1.0		04.0	T	22.60	R	18.06	S	29	S	0.06	14.1	
27	09	64	14.0	IN	0014	36	50.8	76	15.7	6		1			04	1.0		06.0	T	22.40	R	18.76	S	06	S	0.04	14.1	
27	09	64	14.5	IN	0014	36	50.8	76	15.7	6		*			*			00.0	T	23.20	R	17.11	S	34	S	0.04	14.7	
27	09	64	14.5	IN	0014	36	50.8	76	15.7	6		*			*			02.0	T	22.90	R	17.41	S	28	S	0.05	14.6	
27	09	64	14.5	IN	0014	36	50.8	76	15.7	6		*			*			04.0	T	22.50	R	18.06	S	31	S	0.09	14.6	
27	09	64	14.5	IN	0014	36	50.8	76	15.7	6		*			*			06.0	T	22.40	R	18.40	S	13	S	0.02	14.5	
27	09	64	15.0	IN	0014	36	50.8	76	15.7	7		*			03	1.0		00.0	T	23.20	R	17.14	S	31	S	0.04	15.0	
27	09	64	15.0	IN	0014	36	50.8	76	15.7	7		*			03	1.0		02.0	T	22.80	R	17.60	S	32	S	0.02	15.0	
27	09	64	15.0	IN	0014	36	50.8	76	15.7	7		*			03	1.0		04.0	T	22.50	R	18.13	S	20	S	0.03	15.1	
27	09	64	15.0	IN	0014	36	50.8	76	15.7	7		*			03	1.0		06.0	T	22.60	R	18.57	S	32	S	0.05	15.1	
27	09	64	15.5	IN	0014	36	50.8	76	15.7	7		*			*			00.0	T	23.30	R	17.16	S	30	S	0.04	15.6	
27	09	64	15.5	IN	0014	36	50.8	76	15.7	7		*			*			02.0	T	22.90	R	17.43	S	29	S	0.16	15.6	
27	09	64	15.5	IN	0014	36	50.8	76	15.7	7		*			*			04.0	T	22.50	R	18.02	S	19	S	0.03	15.5	
27	09	64	15.5	IN	0014	36	50.8	76	15.7	7		*			*			06.0	T	22.20	R	18.86	S	32	S	0.03	15.4	
27	09	64	16.0	IN	0014	36	50.8	76	15.7	7		*			03	1.0		00.0	T	23.30	R	17.18	S	30	S	0.03	15.9	
27	09	64	16.0	IN	0014	36	50.8	76	15.7	7		*			03	1.0		02.0	T	22.90	R	17.44	S	27	S	0.05	16.0	
27	09	64	16.0	IN	0014	36	50.8	76	15.7	7		*			03	1.0		04.0	T	22.50	R	18.09	S	26	S	0.04	16.0	
27	09	64	16.0	IN	0014	36	50.8	76	15.7	7		*			03	1.0		06.0	T	22.40	R	18.57	S	15	S	0.02	16.1	
27	09	64	16.5	IN	0014	36	50.8	76	15.7	6		1			*			00.0	T	23.10	R	17.22	S	30	S	0.04	16.6	
27	09	64	16.5	IN	0014	36	50.8	76	15.7	6		1			*			02.0	T	22.80	R	17.44	S	29	S	0.10	16.5	
27	09	64	16.5	IN	0014	36	50.8	76	15.7	6		1			*			04.0	T	22.60	R	17.75	S	12	S	0.03	16.5	
27	09	64	16.5	IN	0014	36	50.8	76	15.7	6		1			*			06.0	T	22.40	R	18.48	S	15	S	0.03	16.4	
27	09	64	17.0	IN	0014	36	50.8	76	15.7	6		*			01	1.0		00.0	T	23.20	R	17.20	S	23	S	0.02	16.9	
27	09	64	17.0	IN	0014	36	50.8	76	15.7	6		*			01	1.0		02.0	T	22.80	R	17.08	S	28	S	0.07	17.0	
27	09	64	17.0	IN	0014	36	50.8	76	15.7	6		*			01	1.0		04.0	T	22.70	R	17.54	S	26	S	0.03	17.0	
27	09	64	17.0	IN	0014	36	50.8	76	15.7	6		*			01	1.0		06.0	T	22.40	R	18.54	S	18	S	0.04	17.1	
27	09	64	17.5	IN	0014	36	50.8	76	15.7	6		*			*			00.0	T	22.90	R	17.23	S	30	S	0.08	17.6	
27	09	64	17.5	IN	0014	36	50.8	76	15.7	6		*			*			02.0	T	22.70	R	17.28	S	22	S	0.07	17.5	
27	09	64	17.5	IN	0014	36	50.8	76	15.7	6		*			*			04.0	T	22.50	R	17.54	S	17	S	0.03	17.5	
27	09	64	17.5	IN	0014	36	50.8	76	15.7	6		*			*			06.0	T	22.30	R	18.31	S	34	S	0.06	17.4	
27	09	64	07.0	BR	0014	36	48.7	76	17.4	8		7			*	0.8		00.0	T	22.76	A	15.52	P	32	D	0.11	07.5	
27	09	64	07.0	BR	0014	36	48.7	76	17.4	8		7			*	0.8		02.0	T	22.80	A	15.85	Y	35	Y	0.10	07.1	
27	09	64	07.0	BR	0014	36	48.7	76	17.4	8		7			*	0.8		04.0	T	22.83	A	16.71	Y	02	Y	0.10	07.1	
27	09	64	07.0	BR	0014	36	48.7	76	17.4	8		7			*	0.8		06.0	T	22.58	A	17.34	Y	36	Y	0.05	07.1	
27	09	64	07.0	BR	0014	36	48.7	76	17.4	8		7			*	0.8		08.0	T	22.53	A	17.55	Y	35	Y	0.00	07.4	
27	09	64	07.5	BR	0014	36	48.7	76	17.4	8		8	21		*			00.0	T	22.96	A	15.53		*	D	0.00	07.9	
27	09	64	07.5	BR	0014	36	48.7	76	17.4	8		8	21		*			02.0	T	22.80	A	16.04	Y	32	Y	0.05	07.6	
27	09	64	07.5	BR	0014	36	48.7	76	17.4	8		8	21		*			04.0	T	22.88	A	16.41	Y	09	Y	0.05	07.6	
27	09	64	07.5	BR	0014	36	48.7	76	17.4	8		8	21		*			06.0	T	22.71	A	17.12	Y	23	Y	0.04	07.7	
27	09	64	07.5	BR	0014	36	48.7	76	17.4	8		8	21		*			08.0	T	22.49	A	17.72	Y	17	Y	0.05	07.7	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
27	09	64	08.0	BR	0014	36	48.7	76	17.4	8		*			*	0.8		00.0	T	22.90	A	15.55		*	D	0.00	08.0		
27	09	64	08.0	BR	0014	36	48.7	76	17.4	8		*			*	0.8		02.0	T	22.75	A	16.10		*		*	08.0		
27	09	64	08.0	BR	0014	36	48.7	76	17.4	8		*			*	0.8		04.0	T	22.80	A	16.55		*		*	08.0		
27	09	64	08.0	BR	0014	36	48.7	76	17.4	8		*			*	0.8		06.0	T	22.62	A	17.19		*		*	08.0		
27	09	64	08.0	BR	0014	36	48.7	76	17.4	8		*			*	0.8		08.0		,	A	18.42		*		*	08.0		
27	09	64	08.5	BR	0014	36	48.7	76	17.4	8		1			*			00.0	T	22.50	A	16.17		*	D	0.00	08.8		
27	09	64	08.5	BR	0014	36	48.7	76	17.4	8		1			*			02.0	T	22.80	A	16.27	Y	15	Y	0.05	08.7		
27	09	64	08.5	BR	0014	36	48.7	76	17.4	8		1			*			04.0	T	22.80	A	16.54	Y	17	Y	0.05	08.7		
27	09	64	08.5	BR	0014	36	48.7	76	17.4	8		1			*			06.0	T	22.45	A	17.85	Y	13	Y	0.11	08.7		
27	09	64	08.5	BR	0014	36	48.7	76	17.4	8		1			*			08.0	T	22.30	A	18.24	Y	14	Y	0.10	08.7		
27	09	64	09.0	BR	0014	36	48.7	76	17.4	8		1	21		*	0.8		00.0	T	22.85	A	15.82	P	15	D	0.11	09.4		
27	09	64	09.0	BR	0014	36	48.7	76	17.4	8		1	21		*	0.8		02.0	T	22.90	A	16.25	Y	14	Y	0.11	09.2		
27	09	64	09.0	BR	0014	36	48.7	76	17.4	8		1	21		*	0.8		04.0	T	22.80	A	16.48	Y	14	Y	0.10	09.2		
27	09	64	09.0	BR	0014	36	48.7	76	17.4	8		1	21		*	0.8		06.0	T	22.51	A	17.61	Y	15	Y	0.17	09.2		
27	09	64	09.0	BR	0014	36	48.7	76	17.4	8		1	21		*	0.8		08.0	T	22.20	A	18.40	Y	15	Y	0.15	09.2		
27	09	64	09.5	BR	0014	36	48.7	76	17.4	8		1			*			00.0	T	23.20	A	15.85	P	16	D	0.12	09.7		
27	09	64	09.5	BR	0014	36	48.7	76	17.4	8		1			*			02.0	T	22.90	A	16.08	Y	15	Y	0.15	09.5		
27	09	64	09.5	BR	0014	36	48.7	76	17.4	8		1			*			04.0	T	22.65	A	16.64	Y	16	Y	0.16	09.5		
27	09	64	09.5	BR	0014	36	48.7	76	17.4	8		1			*			06.0	T	22.40	A	17.94	Y	16	Y	0.14	09.6		
27	09	64	09.5	BR	0014	36	48.7	76	17.4	8		1			*			08.0	T	22.15	A	18.74	Y	15	Y	0.17	09.6		
27	09	64	10.0	BR	0014	36	48.7	76	17.4	8		1	23		*	1.0		00.0	T	23.18	A	16.10	P	17	D	0.15	10.2		
27	09	64	10.0	BR	0014	36	48.7	76	17.4	8		1	23		*	1.0		02.0	T	23.00	A	16.36	Y	15	Y	0.22	10.1		
27	09	64	10.0	BR	0014	36	48.7	76	17.4	8		1	23		*	1.0		04.0	T	22.70	A	16.92	Y	15	Y	0.19	10.1		
27	09	64	10.0	BR	0014	36	48.7	76	17.4	8		1	23		*	1.0		06.0	T	22.40	A	18.12	Y	15	Y	0.17	10.1		
27	09	64	10.0	BR	0014	36	48.7	76	17.4	8		1	23		*	1.0		08.0	T	22.38	A	18.60	Y	16	Y	0.11	10.0		
27	09	64	10.5	BR	0014	36	48.7	76	17.4	8		1			*			00.0	T	23.18	A	16.04	P	15	D	0.14	10.7		
27	09	64	10.5	BR	0014	36	48.7	76	17.4	8		1			*			02.0	T	23.04	A	16.36	Y	15	Y	0.17	10.5		
27	09	64	10.5	BR	0014	36	48.7	76	17.4	8		1			*			04.0	T	22.65	A	17.15	Y	14	Y	0.17	10.5		
27	09	64	10.5	BR	0014	36	48.7	76	17.4	8		1			*			06.0	T	22.50	A	17.78	Y	15	Y	0.15	10.6		
27	09	64	10.5	BR	0014	36	48.7	76	17.4	8		1			*			08.0	T	22.05	A	19.04	Y	16	Y	0.12	10.6		
27	09	64	11.0	BR	0014	36	48.7	76	17.4	8		1	22		*	1.0		00.0	T	23.12	A	16.13	P	15	D	0.09	11.4		
27	09	64	11.0	BR	0014	36	48.7	76	17.4	8		1	22		*	1.0		02.0	T	23.00	A	16.41	Y	15	Y	0.17	11.1		
27	09	64	11.0	BR	0014	36	48.7	76	17.4	8		1	22		*	1.0		04.0	T	22.65	A	17.38	Y	15	Y	0.15	11.1		
27	09	64	11.0	BR	0014	36	48.7	76	17.4	8		1	22		*	1.0		06.0	T	22.40	A	18.19	Y	15	Y	0.25	11.1		
27	09	64	11.0	BR	0014	36	48.7	76	17.4	8		1	22		*	1.0		08.0	T	22.00	A	19.12	Y	18	Y	0.11	11.0		
27	09	64	11.5	BR	0014	36	48.7	76	17.4	8		3			*			00.0	T	23.30	A	16.32	P	15	D	0.11	11.8		
27	09	64	11.5	BR	0014	36	48.7	76	17.4	8		3			*			02.0	T	23.30	A	16.33	Y	14	Y	0.11	11.5		
27	09	64	11.5	BR	0014	36	48.7	76	17.4	8		3			*			04.0	T	23.00	A	16.88	Y	15	Y	0.18	11.6		
27	09	64	11.5	BR	0014	36	48.7	76	17.4	8		3			*			06.0	T	22.24	A	18.53	Y	14	Y	0.30	11.6		
27	09	64	11.5	BR	0014	36	48.7	76	17.4	8		3			*			08.0	T	22.12	A	18.96	Y	16	Y	0.15	11.6		
27	09	64	12.0	BR	0014	36	48.7	76	17.4	8		3	22		*	1.0		00.0	T	23.30	A	16.44	P	17	D	0.00	12.2		
27	09	64	12.0	BR	0014	36	48.7	76	17.4	8		3	22		*	1.0		02.0	T	23.20	A	16.62	Y	15	Y	0.10	12.1		
27	09	64	12.0	BR	0014	36	48.7	76	17.4	8		3	22		*	1.0		04.0	T	23.02	A	16.74	Y	17	Y	0.11	12.1		
27	09	64	12.0	BR	0014	36	48.7	76	17.4	8		3	22		*	1.0		06.0			A		Y	17	Y	0.08	12.1		
27	09	64	12.0	BR	0014	36	48.7	76	17.4	8		3	22		*	1.0		08.0	T	22.20	A	19.28	Y	16	Y	0.08	12.0		
27	09	64	12.5	BR	0014	36	48.7	76	17.4	8		3			*			00.0	T	23.62	A	16.44		*	D	0.00	12.5		
27	09	64	12.5	BR	0014	36	48.7	76	17.4	8		3			*			02.0	T	23.60	A	16.46	Y	14	Y	0.06	12.6		
27	09	64	12.5	BR	0014	36	48.7	76	17.4	8		3			*			04.0	T	22.78	A	16.95	Y	17	Y	0.18	12.7		
27	09	64	12.5	BR	0014	36	48.7	76	17.4	8		3			*			06.0	T	22.30	A	18.67	Y	17	Y	0.20	12.7		
27	09	64	12.5	BR	0014	36	48.7	76	17.4	8		3			*			08.0	T	22.20	A	18.98	Y	16	Y	0.10	12.7		
27	09	64	13.0	BR	0014	36	48.7	76	17.4	8		4	22		*	1.0		00.0	T	23.50	A	16.48		*	D	0.00	13.1		
27	09	64	13.0	BR	0014	36	48.7	76	17.4	8		4	22		*	1.0		02.0	T	23.50	A	16.47	Y	14	Y	0.04	13.1		
27	09	64	13.0	BR	0014	36	48.7	76	17.4	8		4	22		*	1.0		04.0	T	22.50	A	17.77	Y	18	Y	0.17	13.1		
27	09	64	13.0	BR	0014	36	48.7	76	17.4	8		4	22		*	1.0		06.0	T	22.10	A	18.70	Y	18	Y	0.15	13.1		
27	09	64	13.0	BR	0014	36	48.7	76	17.4	8		4	22		*	1.0		08.0	T	22.20	A	18.87	Y	17	Y	0.10	13.0		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.	
27	09	64	13.5	BR	0014	36	48.7	76	17.4	*8	5	23	23	*		00.0	T	24.40	A	16.16	P	34	D	0.15	13.7
27	09	64	13.5	BR	0014	36	48.7	76	17.4	*8	5	23	23	*		02.0	T	23.60	A	16.47	Y	36	Y	0.10	13.6
27	09	64	13.5	BR	0014	36	48.7	76	17.4	*8	5	23	23	*		04.0	T	22.50	A	17.94	Y	20	Y	0.10	13.6
27	09	64	13.5	BR	0014	36	48.7	76	17.4	*8	5	23	23	*		06.0	T	22.27	A	18.47	Y	19	Y	0.13	13.6
27	09	64	13.5	BR	0014	36	48.7	76	17.4	*8	5	23	23	*		08.0	T	22.18	A	18.83	Y	20	Y	0.12	13.6
27	09	64	14.0	BR	0014	36	48.7	76	17.4	*8	5	23	23	*	0.8	00.0						*		*	14.0
27	09	64	14.0	BR	0014	36	48.7	76	17.4	*8	5	23	23	*	0.8	02.0					Y	30	Y	0.10	14.0
27	09	64	14.0	BR	0014	36	48.7	76	17.4	*8	5	23	23	*	0.8	04.0					Y	15	Y	0.25	14.0
27	09	64	14.0	BR	0014	36	48.7	76	17.4	*8	5	23	23	*	0.8	06.0						*		*	14.0
27	09	64	14.0	BR	0014	36	48.7	76	17.4	*8	5	23	23	*	0.8	08.0						*		*	14.0
27	09	64	15.0	BR	0014	36	48.7	76	17.4	*8	5	26	21	*	0.8	00.0	T	23.60	A	16.51	P	36	D	0.30	15.0
27	09	64	15.0	BR	0014	36	48.7	76	17.4	*8	5	26	21	*	0.8	02.0	T	23.50	A	16.58	Y	31	Y	0.35	15.0
27	09	64	15.0	BR	0014	36	48.7	76	17.4	*8	5	26	21	*	0.8	04.0	T	23.00	A	17.57	Y	34	Y	0.20	15.1
27	09	64	15.0	BR	0014	36	48.7	76	17.4	*8	5	26	21	*	0.8	06.0	T	22.70	A	18.62	Y	35	Y	0.05	15.1
27	09	64	15.0	BR	0014	36	48.7	76	17.4	*8	5	26	21	*	0.8	08.0	T	22.35	A	18.57	Y	31	Y	0.05	15.1
27	09	64	15.5	BR	0014	36	48.7	76	17.4	8	6			*	0.8	00.0	T	23.78	A	16.26	P	36	D	0.35	15.6
27	09	64	15.5	BR	0014	36	48.7	76	17.4	8	6			*	0.8	02.0	T	23.50	A	16.28	Y	33	Y	0.40	15.6
27	09	64	15.5	BR	0014	36	48.7	76	17.4	8	6			*	0.8	04.0	T	23.45	A	16.47	Y	33	Y	0.38	15.6
27	09	64	15.5	BR	0014	36	48.7	76	17.4	8	6			*	0.8	06.0	T	22.65	A	17.46	Y	34	Y	0.20	15.7
27	09	64	15.5	BR	0014	36	48.7	76	17.4	8	6			*	0.8	08.0	T	22.50			Y	36	Y	0.10	15.7
27	09	64	16.0	BR	0014	36	48.7	76	17.4	*8	7	23	21	*	0.8	00.0	T	23.68	A	16.06	P	35	D	0.47	16.0
27	09	64	16.0	BR	0014	36	48.7	76	17.4	*8	7	23	21	*	0.8	02.0	T	23.60	A	16.22	Y	33	Y	0.38	16.1
27	09	64	16.0	BR	0014	36	48.7	76	17.4	*8	7	23	21	*	0.8	04.0	T	23.50	A	16.42	Y	34	Y	0.30	16.1
27	09	64	16.0	BR	0014	36	48.7	76	17.4	*8	7	23	21	*	0.8	06.0	T	23.50	A	17.82	Y	36	Y	0.18	16.1
27	09	64	16.0	BR	0014	36	48.7	76	17.4	*8	7	23	21	*	0.8	08.0	T	22.45	A	18.31	Y	20	Y	0.07	16.1
27	09	64	16.5	BR	0014	36	48.7	76	17.4	8	7	22		*	0.8	00.0	T	23.72	A	16.09	P	34	D	0.47	16.5
27	09	64	16.5	BR	0014	36	48.7	76	17.4	8	7	22		*	0.8	02.0	T	23.55	A	16.10	Y	33	Y	0.37	16.5
27	09	64	16.5	BR	0014	36	48.7	76	17.4	8	7	22		*	0.8	04.0	T	23.40	A	16.40	Y	34	Y	0.30	16.5
27	09	64	16.5	BR	0014	36	48.7	76	17.4	8	7	22		*	0.8	06.0	T	22.50	A	17.98	Y	35	Y	0.15	16.6
27	09	64	16.5	BR	0014	36	48.7	76	17.4	8	7	22		*	0.8	08.0	T	22.22			Y	35	Y	0.08	16.6
27	09	64	17.0	BR	0014	36	48.7	76	17.4	*8	7		19	*	0.8	00.0	T	23.43	A	16.20	P	36	D	0.41	17.3
27	09	64	17.0	BR	0014	36	48.7	76	17.4	*8	7		19	*	0.8	02.0	T	23.50	A	16.04	Y	33	Y	0.42	17.0
27	09	64	17.0	BR	0014	36	48.7	76	17.4	*8	7		19	*	0.8	04.0	T	23.20	A	16.46	Y	33	Y	0.31	17.1
27	09	64	17.0	BR	0014	36	48.7	76	17.4	*8	7		19	*	0.8	06.0	T	22.55	A	17.97	Y	35	Y	0.18	17.1
27	09	64	17.0	BR	0014	36	48.7	76	17.4	*8	7		19	*	0.8	08.0	T	21.40	A	18.49	Y	36	Y	0.12	17.2

Cruise 0014

Stations:

CGS 1
CGS 1
CGS 2

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
29	09	64	17.6	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	30	G	0.20	17.6	
29	09	64	17.6	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	31	G	0.15	17.6	
29	09	64	17.6	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	29	G	0.05	17.7	
29	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	26	G	0.05	18.1	
29	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	00	G	0.00	18.2	
29	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	00	G	0.00	18.2	
29	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	00	G	0.00	18.6	
29	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	00	G	0.00	18.7	
29	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	00	G	0.00	18.7	
29	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	00	G	0.00	19.1	
29	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	00	G	0.00	19.2	
29	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	00	G	0.00	19.2	
29	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	18	G	0.10	19.6	
29	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	13	G	0.10	19.6	
29	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	13	G	0.15	19.7	
29	09	64	20.0	LA	0014	37	03.3	76	35.6	*6		*		18	01			02.0					G	20	G	0.15	20.1	
29	09	64	20.0	LA	0014	37	03.3	76	35.6	*6		*		18	01			04.0					G	15	G	0.20	20.2	
29	09	64	20.0	LA	0014	37	03.3	76	35.6	*6		*		18	01			06.0					G	15	G	0.10	20.2	
29	09	64	20.0	LA	0014	37	03.3	76	35.6	*6		*		18	01			02.0					G	18	G	0.30	20.6	
29	09	64	20.0	LA	0014	37	03.3	76	35.6	*6		*		18	01			04.0					G	16	G	0.30	20.6	
29	09	64	20.0	LA	0014	37	03.3	76	35.6	*6		*		18	01			06.0					G	20	G	0.20	20.6	
29	09	64	21.0	LA	0014	37	03.3	76	35.6	*6		*		20	03			02.0					G	19	G	0.40	21.1	
29	09	64	21.0	LA	0014	37	03.3	76	35.6	*6		*		20	03			04.0					G	16	G	0.35	21.2	
29	09	64	21.0	LA	0014	37	03.3	76	35.6	*6		*		20	03			06.0					G	22	G	0.10	21.2	
29	09	64	21.0	LA	0014	37	03.3	76	35.6	*6		*		20	03			02.0					G	20	G	0.40	21.6	
29	09	64	21.0	LA	0014	37	03.3	76	35.6	*6		*		20	03			04.0					G	17	G	0.30	21.6	
29	09	64	22.0	LA	0014	37	03.3	76	35.6	*6		*		20	03			02.0					G	19	G	0.45	22.1	
29	09	64	22.0	LA	0014	37	03.3	76	35.6	*6		*		20	03			04.0					G	17	G	0.35	22.2	
29	09	64	22.0	LA	0014	37	03.3	76	35.6	*6		*		20	03			06.0					G	19	G	0.20	22.2	
29	09	64	22.0	LA	0014	37	03.3	76	35.6	*6		*		20	03			02.0					G	20	G	0.50	22.6	
29	09	64	22.0	LA	0014	37	03.3	76	35.6	*6		*		20	03			04.0					G	16	G	0.35	22.7	
29	09	64	22.0	LA	0014	37	03.3	76	35.6	*6		*		20	03			06.0					G	13	G	0.25	22.7	
29	09	64	23.0	LA	0014	37	03.3	76	35.6	*6		*		22	03			02.0					G	18	G	0.60	23.1	
29	09	64	23.0	LA	0014	37	03.3	76	35.6	*6		*		22	03			04.0					G	18	G	0.35	23.2	
29	09	64	23.0	LA	0014	37	03.3	76	35.6	*6		*		22	03			06.0					G	13	G	0.20	23.2	
29	09	64	23.0	LA	0014	37	03.3	76	35.6	*6		*		22	03			02.0					G	20	G	0.45	23.6	
29	09	64	23.0	LA	0014	37	03.3	76	35.6	*6		*		22	03			04.0					G	15	G	0.30	23.7	
29	09	64	23.0	LA	0014	37	03.3	76	35.6	*6		*		22	03			06.0					G	14	G	0.20	23.7	
30	09	64	00.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			02.0					G	20	G	0.45	00.1	
30	09	64	00.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			04.0					G	15	G	0.20	00.2	
30	09	64	00.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			02.0					G	19	G	0.40	00.6	
30	09	64	00.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			04.0					G	16	G	0.20	00.7	
30	09	64	01.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			02.0					G	17	G	0.30	01.1	
30	09	64	01.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			04.0					G	07	G	0.20	01.2	
30	09	64	01.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			02.0					G	19	G	0.05	01.6	
30	09	64	01.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			04.0					G	00	G	0.00	01.7	
30	09	64	02.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	00	G	0.00	02.1	
30	09	64	02.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	00	G	0.00	02.2	
30	09	64	02.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	00	G	0.00	02.6	
30	09	64	02.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	00	G	0.00	02.7	
30	09	64	03.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	33	G	0.15	03.1	
30	09	64	03.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	05	G	0.05	03.2	
30	09	64	03.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	32	G	0.30	03.6	
30	09	64	03.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	01	G	0.20	03.7	
30	09	64	04.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			02.0					G	34	G	0.30	04.1	
30	09	64	04.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			04.0					G	35	G	0.05	04.2	
30	09	64	04.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			02.0					G	31	G	0.20	04.6	
30	09	64	04.0	LA	0014	37	03.3	76	35.6	*6		*		22	07			04.0					G	35	G	0.10	04.7	

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
30	09	64	05.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	31	G	0.25	05.1		
30	09	64	05.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	33	G	0.10	05.2		
30	09	64	05.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	31	G	0.20	05.6		
30	09	64	05.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	34	G	0.10	05.7		
30	09	64	06.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	30	G	0.20	06.1		
30	09	64	06.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	33	G	0.05	06.2		
30	09	64	06.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	32	G	0.05	06.6		
30	09	64	06.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	00	G	0.00	06.7		
30	09	64	07.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	00	G	0.00	07.1		
30	09	64	07.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	00	G	0.00	07.2		
30	09	64	07.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	00	G	0.00	07.6		
30	09	64	07.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	18	G	0.10	07.7		
30	09	64	08.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	16	G	0.15	08.1		
30	09	64	08.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	19	G	0.10	08.2		
30	09	64	08.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			02.0					G	16	G	0.25	08.6		
30	09	64	08.0	LA	0014	37	03.3	76	35.6	*6		*		22	04			04.0					G	19	G	0.30	08.7		
30	09	64	09.0	LA	0014	37	03.3	76	35.6	*6		*		25	07			02.0					G	17	G	0.35	09.1		
30	09	64	09.0	LA	0014	37	03.3	76	35.6	*6		*		25	07			04.0					G	16	G	0.40	09.2		
30	09	64	09.0	LA	0014	37	03.3	76	35.6	*6		*		25	07			02.0					G	22	G	0.50	09.6		
30	09	64	09.0	LA	0014	37	03.3	76	35.6	*6		*		25	07			04.0					G	18	G	0.40	09.7		
30	09	64	10.0	LA	0014	37	03.3	76	35.6	*6		*		25	04			02.0					G	21	G	0.50	10.1		
30	09	64	10.0	LA	0014	37	03.3	76	35.6	*6		*		25	04			04.0					G	17	G	0.35	10.2		
30	09	64	10.0	LA	0014	37	03.3	76	35.6	*6		*		25	04			02.0					G	17	G	0.40	10.6		
30	09	64	10.0	LA	0014	37	03.3	76	35.6	*6		*		25	04			04.0					G	16	G	0.55	10.7		
30	09	64	11.0	LA	0014	37	03.3	76	35.6	*6		*		27	01			02.0					G	19	G	0.45	11.1		
30	09	64	11.0	LA	0014	37	03.3	76	35.6	*6		*		27	01			04.0					G	17	G	0.40	11.2		
30	09	64	11.0	LA	0014	37	03.3	76	35.6	*6		*		27	01			02.0					G	18	G	0.55	11.6		
30	09	64	11.0	LA	0014	37	03.3	76	35.6	*6		*		27	01			04.0					G	18	G	0.50	11.7		
30	09	64	12.0	LA	0014	37	03.3	76	35.6	*6		*		36	06			02.0					G	20	G	0.55	12.1		
30	09	64	12.0	LA	0014	37	03.3	76	35.6	*6		*		36	06			04.0					G	16	G	0.45	12.2		
30	09	64	12.0	LA	0014	37	03.3	76	35.6	*6		*		36	06			02.0					G	20	G	0.25	12.6		
30	09	64	12.0	LA	0014	37	03.3	76	35.6	*6		*		36	06			04.0					G	17	G	0.25	12.7		
30	09	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	06			02.0					G	30	G	0.10	13.4		
30	09	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	06			04.0					G	00	G	0.00	13.4		
30	09	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	06			05.6					G	30	G	0.10	13.5		
30	09	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	06			02.0					G	32	G	0.20	13.6		
30	09	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	06			04.0					G	31	G	0.30	13.7		
30	09	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	06			05.6					G	32	G	0.25	13.7		
30	09	64	14.0	LA	0014	37	03.3	76	35.6	6		*		4	07			02.0					G	33	G	0.30	14.1		
30	09	64	14.0	LA	0014	37	03.3	76	35.6	6		*		4	07			04.0					G	31	G	0.25	14.2		
30	09	64	14.0	LA	0014	37	03.3	76	35.6	6		*		4	07			05.6					G	31	G	0.20	14.2		
30	09	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	32	G	0.45	15.1		
30	09	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	33	G	0.40	15.2		
30	09	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	04			05.6					G	31	G	0.35	15.2		
30	09	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	33	G	0.45	15.6		
30	09	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	34	G	0.55	15.7		
30	09	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	04			05.6					G	31	G	0.50	15.7		
30	09	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	33	G	0.50	16.1		
30	09	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	33	G	0.50	16.2		
30	09	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	03			05.6					G	28	G	0.40	16.2		
30	09	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	34	G	0.45	16.6		
30	09	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	33	G	0.45	16.7		
30	09	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	03			05.6					G	30	G	0.35	16.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
30	09	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	33	G	0.35	17.1	
30	09	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	32	G	0.45	17.2	
30	09	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	03			05.6					G	30	G	0.35	17.2	
30	09	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	33	G	0.30	17.6	
30	09	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	33	G	0.35	17.7	
30	09	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	03			05.6					G	30	G	0.30	17.7	
30	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	34	G	0.25	18.1	
30	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	33	G	0.25	18.2	
30	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	04			05.6					G	30	G	0.25	18.2	
30	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	34	G	0.40	18.6	
30	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	33	G	0.35	18.7	
30	09	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	04			05.6					G	30	G	0.25	18.7	
30	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	35	G	0.10	19.1	
30	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	00	G	0.00	19.2	
30	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	04			05.6					G	00	G	0.00	19.2	
30	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	36	G	0.10	19.6	
30	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	30	G	0.05	19.7	
30	09	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	04			05.6					G	00	G	0.00	19.7	
30	09	64	20.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	00		0.00	20.1	
30	09	64	20.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	00		0.00	20.2	
30	09	64	20.0	LA	0014	37	03.3	76	35.6	6		*		4	04			05.6					G	00		0.00	20.2	
30	09	64	20.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	00	G	0.00	20.6	
30	09	64	20.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	00	G	0.00	20.7	
30	09	64	20.0	LA	0014	37	03.3	76	35.6	6		*		4	04			05.6					G	24	G	0.05	20.7	
30	09	64	21.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	17	G	0.05	21.1	
30	09	64	21.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	20	G	0.05	21.2	
30	09	64	21.0	LA	0014	37	03.3	76	35.6	6		*		4	04			05.6					G	25	G	0.05	21.2	
30	09	64	21.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	14	G	0.15	21.6	
30	09	64	21.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	16	G	0.15	21.7	
30	09	64	21.0	LA	0014	37	03.3	76	35.6	6		*		4	04			05.6					G	19	G	0.10	21.7	
30	09	64	22.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	16	G	0.35	22.1	
30	09	64	22.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	17	G	0.30	22.2	
30	09	64	22.0	LA	0014	37	03.3	76	35.6	6		*		4	03			05.6					G	14	G	0.40	22.2	
30	09	64	22.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	18	G	0.40	22.6	
30	09	64	22.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	17	G	0.35	22.7	
30	09	64	22.0	LA	0014	37	03.3	76	35.6	6		*		4	03			05.6					G	15	G	0.25	22.7	
30	09	64	23.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	18	G	0.50	23.1	
30	09	64	23.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	16	G	0.50	23.2	
30	09	64	23.0	LA	0014	37	03.3	76	35.6	6		*		4	03			05.6					G	15	G	0.35	23.2	
30	09	64	23.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	17	G	0.50	23.6	
30	09	64	23.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	17	G	0.45	23.7	
30	09	64	23.0	LA	0014	37	03.3	76	35.6	6		*		4	03			05.6					G	15	G	0.35	23.7	
01	10	64	01.0	LA	0014	37	03.3	76	35.6	6		*		4	02			02.0					G	18	G	0.50	01.1	
01	10	64	01.0	LA	0014	37	03.3	76	35.6	6		*		4	02			04.0					G	17	G	0.50	01.2	
01	10	64	01.0	LA	0014	37	03.3	76	35.6	6		*		4	02			06.0					G	14	G	0.40	01.2	
01	10	64	01.0	LA	0014	37	03.3	76	35.6	6		*		4	02			02.0					G	18	G	0.40	01.6	
01	10	64	01.0	LA	0014	37	03.3	76	35.6	6		*		4	02			04.0					G	18	G	0.30	01.7	
01	10	64	01.0	LA	0014	37	03.3	76	35.6	6		*		4	02			06.0					G	15	G	0.20	01.7	
01	10	64	02.0	LA	0014	37	03.3	76	35.6	6		*		4	02			02.0					G	00	G	0.00	02.1	
01	10	64	02.0	LA	0014	37	03.3	76	35.6	6		*		4	02			04.0					G	17	G	0.10	02.2	
01	10	64	02.0	LA	0014	37	03.3	76	35.6	6		*		4	02			06.0					G	00	G	0.00	02.2	
01	10	64	02.0	LA	0014	37	03.3	76	35.6	6		*		4	02			02.0					G	00	G	0.00	02.6	
01	10	64	02.0	LA	0014	37	03.3	76	35.6	6		*		4	02			04.0					G	00	G	0.00	02.7	
01	10	64	02.0	LA	0014	37	03.3	76	35.6	6		*		4	02			06.0					G	03	G	0.05	02.7	
01	10	64	03.0	LA	0014	37	03.3	76	35.6	6		*		4	02			02.0					G	29	G	0.10	03.1	
01	10	64	03.0	LA	0014	37	03.3	76	35.6	6		*		4	02			04.0					G	31	G	0.15	03.2	
01	10	64	03.0	LA	0014	37	03.3	76	35.6	6		*		4	02			06.0					G	31	G	0.20	03.2	
01	10	64	03.0	LA	0014	37	03.3	76	35.6	6		*		4	02			02.0					G	31	G	0.20	03.6	
01	10	64	03.0	LA	0014	37	03.3	76	35.6	6		*		4	02			04.0					G	34	G	0.30	03.7	
01	10	64	03.0	LA	0014	37	03.3	76	35.6	6		*		4	02			06.0					G	33	G	0.30	03.7	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
01	10	64	04.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	29	G	0.20	04.1	
01	10	64	04.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	34	G	0.35	04.2	
01	10	64	04.0	LA	0014	37	03.3	76	35.6	6		*		4	03			06.0					G	32	G	0.30	04.2	
01	10	64	04.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	32	G	0.30	04.6	
01	10	64	04.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	33	G	0.30	04.7	
01	10	64	04.0	LA	0014	37	03.3	76	35.6	6		*		4	03			06.0					G	30	G	0.30	04.7	
01	10	64	05.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	34	G	0.50	05.1	
01	10	64	05.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	34	G	0.45	05.2	
01	10	64	05.0	LA	0014	37	03.3	76	35.6	6		*		4	04			06.0					G	30	G	0.35	05.2	
01	10	64	05.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	34	G	0.45	05.6	
01	10	64	05.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	34	G	0.45	05.7	
01	10	64	05.0	LA	0014	37	03.3	76	35.6	6		*		4	04			06.0					G	30	G	0.35	05.7	
01	10	64	06.0	LA	0014	37	03.3	76	35.6	6		*		4	07			02.0					G	33	G	0.35	06.1	
01	10	64	06.0	LA	0014	37	03.3	76	35.6	6		*		4	07			04.0					G	32	G	0.35	06.2	
01	10	64	06.0	LA	0014	37	03.3	76	35.6	6		*		4	07			06.0					G	30	G	0.35	06.2	
01	10	64	06.0	LA	0014	37	03.3	76	35.6	6		*		4	07			02.0					G	33	G	0.35	06.6	
01	10	64	06.0	LA	0014	37	03.3	76	35.6	6		*		4	07			04.0					G	33	G	0.35	06.7	
01	10	64	06.0	LA	0014	37	03.3	76	35.6	6		*		4	07			06.0					G	29	G	0.30	06.7	
01	10	64	07.0	LA	0014	37	03.3	76	35.6	6		*		4	07			02.0					G	33	G	0.30	07.1	
01	10	64	07.0	LA	0014	37	03.3	76	35.6	6		*		4	07			04.0					G	33	G	0.30	07.2	
01	10	64	07.0	LA	0014	37	03.3	76	35.6	6		*		4	07			06.0					G	30	G	0.25	07.2	
01	10	64	07.0	LA	0014	37	03.3	76	35.6	6		*		4	07			02.0					G	34	G	0.20	07.6	
01	10	64	07.0	LA	0014	37	03.3	76	35.6	6		*		4	07			04.0					G	32	G	0.15	07.7	
01	10	64	07.0	LA	0014	37	03.3	76	35.6	6		*		4	07			06.0					G	28	G	0.20	07.7	
01	10	64	08.0	LA	0014	37	03.3	76	35.6	6		*		4	07			02.0					G	30	G	0.10	08.1	
01	10	64	08.0	LA	0014	37	03.3	76	35.6	6		*		4	07			04.0					G	31	G	0.05	08.2	
01	10	64	08.0	LA	0014	37	03.3	76	35.6	6		*		4	07			06.0					G	30	G	0.05	08.2	
01	10	64	08.0	LA	0014	37	03.3	76	35.6	6		*		4	07			02.0					G	00	G	0.00	08.6	
01	10	64	08.0	LA	0014	37	03.3	76	35.6	6		*		4	07			04.0					G	00	G	0.00	08.7	
01	10	64	08.0	LA	0014	37	03.3	76	35.6	6		*		4	07			06.0					G	00	G	0.00	08.7	
01	10	64	09.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0					G	16	G	0.05	09.1	
01	10	64	09.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0					G	20	G	0.05	09.2	
01	10	64	09.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0					G	00	G	0.00	09.2	
01	10	64	09.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0					G	16	G	0.15	09.6	
01	10	64	09.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0					G	14	G	0.15	09.7	
01	10	64	09.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0					G	19	G	0.10	09.7	
01	10	64	10.0	LA	0014	37	03.3	76	35.6	6		*		4	05			00.0	T	21.60	R	17.43		*		*	*	
01	10	64	10.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0	T	21.60	R	17.42	G	16	G	0.25	10.1	
01	10	64	10.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0	T	21.70	R	17.42	G	16	G	0.25	10.2	
01	10	64	10.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0					G	16	G	0.20	10.2	
01	10	64	10.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0						16		0.35	10.6	
01	10	64	10.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0						16		0.35	10.7	
01	10	64	10.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0						16		0.25	10.7	
01	10	64	11.0	LA	0014	37	03.3	76	35.6	6		*		4	05			00.0	T	21.50	R	17.02		*		*	*	
01	10	64	11.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0	T	21.60	R	17.04	G	17	G	0.40	11.1	
01	10	64	11.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0	T	21.70	R	17.02	G	17	G	0.35	11.2	
01	10	64	11.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0					G	14	G	0.30	11.2	
01	10	64	11.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0					G	18	G	0.50	11.6	
01	10	64	11.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0					G	16	G	0.45	11.7	
01	10	64	11.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0					G	15	G	0.35	11.7	
01	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	05			00.0	T	21.70	R	16.78		*		*	*	
01	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0	T	21.70	R	16.75	G	17	G	0.55	12.1	
01	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0	T	21.60	R	16.77	G	16	G	0.45	12.2	
01	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0					G	15	G	0.35	12.2	
01	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0					G	00	G	0.55	12.6	
01	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0					G	00	G	0.45	12.7	
01	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0					G	16	G	0.30	12.7	
01	10	64	13.0	LA	0014	37	03.3	76	35.6	6		*		4	05			00.0	T	21.40	R	16.31		*		*	*	
01	10	64	13.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0	T	21.60	R	16.19	G	17	G	0.40	13.1	
01	10	64	13.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0	T	21.60	R	16.27	G	17	G	0.30	13.2	
01	10	64	13.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0					G	18	G	0.20	13.2	
01	10	64	13.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0					G	17	G	0.35	13.6	
01	10	64	13.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0					G	15	G	0.20	13.7	
01	10	64	13.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0					G	15	G	0.15	13.7	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
01	10	64	14.0	LA	0014	37	03.3	76	35.6	6		*		4	05			00.0	T	21.40	R	14.92		*		*	*		
01	10	64	14.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0	T	21.60	R	14.92	G	14	G	0.15	14.1		
01	10	64	14.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0	T	21.60	R	16.13	G	15	G	0.20	14.2		
01	10	64	14.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0					G	18	G	0.10	14.2		
01	10	64	14.0	LA	0014	37	03.3	76	35.6	6		*		4	05			02.0					G	00	G	0.00	14.6		
01	10	64	14.0	LA	0014	37	03.3	76	35.6	6		*		4	05			04.0					G	17	G	0.05	14.7		
01	10	64	14.0	LA	0014	37	03.3	76	35.6	6		*		4	05			06.0					G	00	G	0.00	14.7		
01	10	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	03			00.0	T	21.40	R	14.85		*		*	*		
01	10	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0	T	21.60	R	14.89	G	00	G	0.00	15.1		
01	10	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0	T	21.70	R	15.86	G	00	G	0.00	15.2		
01	10	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	03			06.0					G	03	G	0.15	15.2		
01	10	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	29	G	0.15	15.6		
01	10	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	31	G	0.20	15.7		
01	10	64	15.0	LA	0014	37	03.3	76	35.6	6		*		4	03			06.0					G	32	G	0.30	15.7		
01	10	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	04			00.0	T	21.40	R	15.19		*		*	*		
01	10	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0	T	21.60	R	15.32	G	32	G	0.30	16.1		
01	10	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0	T	21.60	R	16.11	G	33	G	0.35	16.2		
01	10	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	04			06.0					G	32	G	0.25	16.2		
01	10	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	04			02.0					G	28	G	0.20	16.6		
01	10	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	04			04.0					G	33	G	0.35	16.7		
01	10	64	16.0	LA	0014	37	03.3	76	35.6	6		*		4	04			06.0					G	30	G	0.40	16.7		
01	10	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	01			00.0	T	21.30	R	17.14		*		*	*		
01	10	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	01			02.0	T	21.50	R	17.00	G	33	G	0.45	17.1		
01	10	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	01			04.0	T	21.50	R	17.08	G	34	G	0.40	17.2		
01	10	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	01			06.0					G	29	G	0.30	17.2		
01	10	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	01			02.0					G	33	G	0.45	17.6		
01	10	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	01			04.0					G	34	G	0.40	17.7		
01	10	64	17.0	LA	0014	37	03.3	76	35.6	6		*		4	01			06.0					G	29	G	0.30	17.7		
01	10	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	03			00.0	T	21.30	R	17.29		*		*	*		
01	10	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0	T	21.60	R	17.36	G	33	G	0.45	18.1		
01	10	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0	T	21.70	R	17.38	G	34	G	0.40	18.2		
01	10	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	03			06.0					G	30	G	0.35	18.2		
01	10	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	03			02.0					G	33	G	0.40	18.6		
01	10	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	03			04.0					G	32	G	0.35	18.7		
01	10	64	18.0	LA	0014	37	03.3	76	35.6	6		*		4	03			06.0					G	30	G	0.35	18.7		
01	10	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	01			00.0	T	21.50	R	17.49		*		*	*		
01	10	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	01			02.0	T	21.60	R	17.52	G	32	G	0.35	19.1		
01	10	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	01			04.0	T	21.70	R	17.55	G	34	G	0.35	19.2		
01	10	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	01			06.0					G	30	G	0.30	19.2		
01	10	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	01			02.0					G	32	G	0.20	19.6		
01	10	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	01			04.0					G	33	G	0.25	19.7		
01	10	64	19.0	LA	0014	37	03.3	76	35.6	6		*		4	01			06.0					G	28	G	0.25	19.7		
01	10	64	20.0	LA	0014	37	03.3	76	35.6	6		1	21	4	03			00.0	T	21.70	R	18.07		*		*	*		
01	10	64	20.0	LA	0014	37	03.3	76	35.6	6		1	21	4	03			02.0	T	21.70	R	18.15	G	33	G	0.15	20.1		
01	10	64	20.0	LA	0014	37	03.3	76	35.6	6		1	21	4	03			04.0	T	21.70	R	18.34	G	31	G	0.20	20.2		
01	10	64	20.0	LA	0014	37	03.3	76	35.6	6		1	21	4	03			06.0					G	30	G	0.20	20.2		
01	10	64	20.0	LA	0014	37	03.3	76	35.6	6		1	21	4	03			02.0					G	00	G	0.00	20.6		
01	10	64	20.0	LA	0014	37	03.3	76	35.6	6		1	21	4	03			04.0					G	00	G	0.00	20.7		
01	10	64	20.0	LA	0014	37	03.3	76	35.6	6		1	21	4	03			06.0					G	29	G	0.05	20.7		
01	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*	21	4	01			00.0	T	21.70	R	18.45		*		*	*		
01	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*	21	4	01			02.0	T	21.70	R	18.35	G	00	G	0.00	21.1		
01	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*	21	4	01			04.0	T	21.90	R	18.70	G	00	G	0.00	21.2		
01	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*	21	4	01			06.0					G	00	G	0.00	21.2		
01	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*	21	4	01			02.0					G	20	G	0.05	21.6		
01	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*	21	4	01			04.0					G	17	G	0.05	21.7		
01	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*	21	4	01			06.0					G	00	G	0.00	21.7		
01	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*	21	4	03			00.0	T	21.60	R	18.24		*		*	*		
01	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*	21	4	03			02.0	T	21.70	R	18.25	G	20	G	0.15	22.1		
01	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*	21	4	03			04.0	T	21.80	R	18.48	G	22	G	0.05	22.2		
01	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*	21	4	03			06.0					G	26	G	0.05	22.2		
01	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*	21	4	03			02.0					G	15	G	0.25	22.6		
01	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*	21	4	03			04.0					G	15	G	0.25	22.7		
01	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*	21	4	03			06.0					G	15	G	0.20	22.7		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.		
01	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*	21		00			00.0	T	21.70	R	17.95		*		*	*		
01	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*	21		00			02.0	T	21.70	R	17.91	G	17	G	0.40	23.1		
01	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*	21		00			04.0	T	21.70	R	18.10	G	16	G	0.35	23.2		
01	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*	21		00			06.0					G	15	G	0.30	23.2		
01	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*	21		00			02.0					G	18	G	0.50	23.6		
01	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*	21		00			04.0					G	16	G	0.45	23.7		
01	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*	21		00			06.0					G	15	G	0.35	23.7		
02	10	64	00.0	LA	0014	37	03.3	76	35.6	6		6	21		00			00.0	T	21.70	R	17.45		*		*	*		
02	10	64	00.0	LA	0014	37	03.3	76	35.6	6		6	21		00			02.0	T	21.70	R	17.46	G	18	G	0.60	00.1		
02	10	64	00.0	LA	0014	37	03.3	76	35.6	6		6	21		00			04.0	T	21.70	R	17.60	G	16	G	0.50	00.2		
02	10	64	00.0	LA	0014	37	03.3	76	35.6	6		6	21		00			06.0					G	15	G	0.45	00.2		
02	10	64	00.0	LA	0014	37	03.3	76	35.6	6		6	21		00			02.0					G	18	G	0.60	00.6		
02	10	64	00.0	LA	0014	37	03.3	76	35.6	6		6	21		00			04.0					G	16	G	0.55	00.7		
02	10	64	00.0	LA	0014	37	03.3	76	35.6	6		6	21		00			06.0					G	14	G	0.45	00.7		
02	10	64	01.0	LA	0014	37	03.3	76	35.6	6		6	21		00			00.0	T	21.60	R	16.53		*		*	*		
02	10	64	01.0	LA	0014	37	03.3	76	35.6	6		6	21		00			02.0	T	21.60	R	16.22	G	19	G	0.60	01.1		
02	10	64	01.0	LA	0014	37	03.3	76	35.6	6		6	21		00			04.0	T	21.60	R	16.54	G	17	G	0.50	01.2		
02	10	64	01.0	LA	0014	37	03.3	76	35.6	6		6	21		00			06.0					G	15	G	0.40	01.2		
02	10	64	01.0	LA	0014	37	03.3	76	35.6	6		6	21		00			02.0					G	17	G	0.60	01.6		
02	10	64	01.0	LA	0014	37	03.3	76	35.6	6		6	21		00			04.0					G	19	G	0.40	01.7		
02	10	64	01.0	LA	0014	37	03.3	76	35.6	6		6	21		00			06.0					G	14	G	0.30	01.7		
02	10	64	02.0	LA	0014	37	03.3	76	35.6	6		7	21		00			00.0	T	21.50	R	15.52		*		*	02.0		
02	10	64	02.0	LA	0014	37	03.3	76	35.6	6		7	21		00			02.0	T	21.60	R	15.84	G	18	G	0.45	02.1		
02	10	64	02.0	LA	0014	37	03.3	76	35.6	6		7	21		00			04.0	T	21.60	R	16.04	G	16	G	0.50	02.2		
02	10	64	02.0	LA	0014	37	03.3	76	35.6	6		7	21		00			06.0					G	15	G	0.35	02.2		
02	10	64	02.0	LA	0014	37	03.3	76	35.6	6		7	21		00			02.0					G	18	G	0.40	02.6		
02	10	64	02.0	LA	0014	37	03.3	76	35.6	6		7	21		00			04.0					G	18	G	0.30	02.7		
02	10	64	02.0	LA	0014	37	03.3	76	35.6	6		7	21		00			06.0					G	17	G	0.25	02.7		
02	10	64	02.5	LA	0014	37	03.3	76	35.6	6		8			00			00.0					V	11	V	0.29	02.5		
02	10	64	03.0	LA	0014	37	03.3	76	35.6	6		1	21		00			00.0	T	21.50	R	15.37		*		*	*		
02	10	64	03.0	LA	0014	37	03.3	76	35.6	6		1	21		00			02.0	T	21.50	R	15.51	G	17	G	0.20	03.1		
02	10	64	03.0	LA	0014	37	03.3	76	35.6	6		1	21		00			04.0	T	21.60	R	15.94	G	17	G	0.25	03.2		
02	10	64	03.0	LA	0014	37	03.3	76	35.6	6		1	21		00			06.0					G	15	G	0.20	03.2		
02	10	64	03.5	LA	0014	37	03.3	76	35.6	6		*			00			00.0					V	17	V	0.05	03.6		
02	10	64	03.5	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	14	G	0.05	03.6		
02	10	64	03.5	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	15	G	0.05	03.7		
02	10	64	03.5	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	21	G	0.05	03.7		
02	10	64	04.0	LA	0014	37	03.3	76	35.6	6		2	22		00			00.0	T	21.50	R	15.42		*		*	*		
02	10	64	04.0	LA	0014	37	03.3	76	35.6	6		2	22		00			02.0	T	21.60	R	15.40	G	00	G	0.00	04.1		
02	10	64	04.0	LA	0014	37	03.3	76	35.6	6		2	22		00			04.0	T	21.60	R	15.81	G	00	G	0.00	04.2		
02	10	64	04.0	LA	0014	37	03.3	76	35.6	6		2	22		00			06.0					G	25	G	0.05	04.2		
02	10	64	04.5	LA	0014	37	03.3	76	35.6	6		2			00			00.0					V	34	V	0.24	04.5		
02	10	64	04.5	LA	0014	37	03.3	76	35.6	6		2			00			02.0					G	28	G	0.40	04.6		
02	10	64	04.5	LA	0014	37	03.3	76	35.6	6		2			00			04.0					G	29	G	0.15	04.7		
02	10	64	04.5	LA	0014	37	03.3	76	35.6	6		2			00			06.0					G	25	G	0.15	04.7		
02	10	64	05.0	LA	0014	37	03.3	76	35.6	6		2	21		00			00.0	T	21.50	R	15.46		*		*	05.0		
02	10	64	05.0	LA	0014	37	03.3	76	35.6	6		2	21		00			02.0	T	21.50	R	15.60	G	30	G	0.25	05.1		
02	10	64	05.0	LA	0014	37	03.3	76	35.6	6		2	21		00			04.0	T	21.50	R	15.73	G	31	G	0.30	05.2		
02	10	64	05.0	LA	0014	37	03.3	76	35.6	6		2	21		00			06.0					G	26	G	0.15	05.2		
02	10	64	05.5	LA	0014	37	03.3	76	35.6	6		2			00			00.0					V	33	V	0.23	05.5		
02	10	64	05.5	LA	0014	37	03.3	76	35.6	6		2			00			02.0					G	30	G	0.30	05.6		
02	10	64	05.5	LA	0014	37	03.3	76	35.6	6		2			00			06.0					G	32	G	0.25	05.7		
02	10	64	06.0	LA	0014	37	03.3	76	35.6	6		3	22		00			00.0	T	21.50	R	16.18		*		*	*		
02	10	64	06.0	LA	0014	37	03.3	76	35.6	6		3	22		00			02.0	T	21.50	R	16.29	G	30	G	0.25	06.1		
02	10	64	06.0	LA	0014	37	03.3	76	35.6	6		3	22		00			04.0	T	21.60	R	16.42	G	31	G	0.25	06.2		
02	10	64	06.0	LA	0014	37	03.3	76	35.6	6		3	22		00			06.0					G	24	G	0.20	06.2		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
02	10	64	06.5	LA	0014	37	03.3	76	35.6	6	3			00		00.0					V	34	V	0.29	06.5
02	10	64	06.5	LA	0014	37	03.3	76	35.6	6	3			00		02.0					G	33	G	0.35	06.6
02	10	64	06.5	LA	0014	37	03.3	76	35.6	6	3			00		04.0					G	32	G	0.25	06.7
02	10	64	06.5	LA	0014	37	03.3	76	35.6	6	3			00		06.0					G	27	G	0.20	06.7
02	10	64	07.0	LA	0014	37	03.3	76	35.6	6	4	21		00	1.3	00.0	T	21.60	R	16.33		*		*	*
02	10	64	07.0	LA	0014	37	03.3	76	35.6	6	4	21		00	1.3	02.0	T	21.60	R	16.92	G	32	G	0.30	07.1
02	10	64	07.0	LA	0014	37	03.3	76	35.6	6	4	21		00	1.3	04.0	T	21.60	R	17.51	G	31	G	0.25	07.2
02	10	64	07.0	LA	0014	37	03.3	76	35.6	6	4	21		00	1.3	06.0					G	26	G	0.10	07.2
02	10	64	07.5	LA	0014	37	03.3	76	35.6	6	5			*		00.0					V	35	V	0.29	07.5
02	10	64	07.5	LA	0014	37	03.3	76	35.6	6	5			*		02.0					G	30	G	0.25	07.6
02	10	64	07.5	LA	0014	37	03.3	76	35.6	6	5			*		04.0					G	31	G	0.15	07.7
02	10	64	07.5	LA	0014	37	03.3	76	35.6	6	5			*		06.0					G	00	G	0.00	07.7
02	10	64	08.0	LA	0014	37	03.3	76	35.6	6	5	23		00	1.2	00.0	T	21.90	R	16.44		*		*	*
02	10	64	08.0	LA	0014	37	03.3	76	35.6	6	5	23		00		02.0	T	21.80	R	16.60	G	29	G	0.10	08.1
02	10	64	08.0	LA	0014	37	03.3	76	35.6	6	5	23		00		04.0	T	21.80	R	17.39	G	30	G	0.15	08.2
02	10	64	08.0	LA	0014	37	03.3	76	35.6	6	5	23		00		06.0					G	26	G	0.05	08.2
02	10	64	08.5	LA	0014	37	03.3	76	35.6	6	5			*		00.0					V	34	V	0.07	08.5
02	10	64	08.5	LA	0014	37	03.3	76	35.6	6	5			*		02.0					G	27	G	0.05	08.6
02	10	64	08.5	LA	0014	37	03.3	76	35.6	6	5			*		04.0					G	00	G	0.00	08.7
02	10	64	08.5	LA	0014	37	03.3	76	35.6	6	5			*		06.0					G	00	G	0.00	08.7
02	10	64	09.0	LA	0014	37	03.3	76	35.6	6	6	24		00	1.2	00.0	T	22.00	R	16.69		*		*	*
02	10	64	09.0	LA	0014	37	03.3	76	35.6	6	6	24		00	1.2	02.0	T	21.90	R	17.27	G	00	G	0.00	09.1
02	10	64	09.0	LA	0014	37	03.3	76	35.6	6	6	24		00	1.2	04.0	T	21.80	R	18.09	G	16	G	0.10	09.2
02	10	64	09.0	LA	0014	37	03.3	76	35.6	6	6	24		00	1.2	06.0					G	19	G	0.05	09.2
02	10	64	09.5	LA	0014	37	03.3	76	35.6	6	6			*		00.0					V	15	V	0.11	09.6
02	10	64	09.5	LA	0014	37	03.3	76	35.6	6	6			*		02.0					G	00	G	0.00	09.6
02	10	64	09.5	LA	0014	37	03.3	76	35.6	6	6			*		04.0					G	00	G	0.00	09.7
02	10	64	09.5	LA	0014	37	03.3	76	35.6	6	6			*		06.0					G	00	G	0.00	09.7
02	10	64	10.0	LA	0014	37	03.3	76	35.6	*6	6	23	18	04	1.3	00.0	T	22.20	R	16.96		*		*	*
02	10	64	10.0	LA	0014	37	03.3	76	35.6	*6	6	23	18	04	1.3	02.0	T	22.00	R	17.64	G	18	G	0.15	10.1
02	10	64	10.0	LA	0014	37	03.3	76	35.6	*6	6	23	18	04	1.3	04.0	T	21.80	R	17.85	G	16	G	0.25	10.2
02	10	64	10.0	LA	0014	37	03.3	76	35.6	*6	6	23	18	04	1.3	06.0					G	16	G	0.20	10.2
02	10	64	10.5	LA	0014	37	03.3	76	35.6	*	*		18	04		00.0					V	09	V	0.21	10.5
02	10	64	10.5	LA	0014	37	03.3	76	35.6	*	*		18	04		02.0					G	17	G	0.30	10.6
02	10	64	10.5	LA	0014	37	03.3	76	35.6	*	*		18	04		04.0					G	17	G	0.25	10.7
02	10	64	10.5	LA	0014	37	03.3	76	35.6	*	*		18	04		06.0					G	17	G	0.25	10.7
02	10	64	11.0	LA	0014	37	03.3	76	35.6	*6	6	23	18	01	1.2	00.0	T	22.10	R	17.24		*		*	*
02	10	64	11.0	LA	0014	37	03.3	76	35.6	*6	6	23	18	01	1.2	02.0	T	21.80	R	17.51	G	18	G	0.45	11.1
02	10	64	11.0	LA	0014	37	03.3	76	35.6	*6	6	23	18	01	1.2	04.0	T	21.80	R	17.58	G	17	G	0.40	11.2
02	10	64	11.0	LA	0014	37	03.3	76	35.6	*6	6	23	18	01	1.2	06.0					G	14	G	0.25	11.2
02	10	64	11.5	LA	0014	37	03.3	76	35.6	*6	*		18	01		00.0					V	01	V	0.42	11.5
02	10	64	11.5	LA	0014	37	03.3	76	35.6	*6	*		18	01		02.0					G	17	G	0.20	11.6
02	10	64	11.5	LA	0014	37	03.3	76	35.6	*6	*		18	01		04.0					G	16	G	0.45	11.7
02	10	64	11.5	LA	0014	37	03.3	76	35.6	*6	*		18	01		06.0					G	16	G	0.35	11.7
02	10	64	12.0	LA	0014	37	03.3	76	35.6	*6	6	22	18	01	1.2	00.0	T	21.90	R	15.47		*		*	*
02	10	64	12.0	LA	0014	37	03.3	76	35.6	*6	6	22	18	01	1.2	02.0	T	21.85	R	16.64	G	18	G	0.55	12.1
02	10	64	12.0	LA	0014	37	03.3	76	35.6	*6	6	22	18	01	1.2	04.0	T	21.80	R	16.81	G	16	G	0.50	12.2
02	10	64	12.0	LA	0014	37	03.3	76	35.6	*6	6	22	18	01	1.2	06.0					G	15	G	0.45	12.2
02	10	64	12.5	LA	0014	37	03.3	76	35.6	*6	7		18	01		00.0					V	11	V	0.50	12.5
02	10	64	12.5	LA	0014	37	03.3	76	35.6	*6	7		18	01		02.0					G	18	G	0.60	12.6
02	10	64	12.5	LA	0014	37	03.3	76	35.6	*6	7		18	01		04.0					G	16	G	0.55	12.7
02	10	64	12.5	LA	0014	37	03.3	76	35.6	*6	7		18	01		06.0					G	15	G	0.40	12.7

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
02	10	64	13.0	LA	0014	37	03.3	76	35.6	*6		7	24	18	01	1.0		00.0	T	21.90	R	15.36		*		*	*		
02	10	64	13.0	LA	0014	37	03.3	76	35.6	*6		7	24	18	01	1.0		02.0	T	21.80	R	15.90	G	19	G	0.75	13.1		
02	10	64	13.0	LA	0014	37	03.3	76	35.6	*6		7	24	18	01	1.0		04.0	T	21.80	R	16.26	G	16	G	0.60	13.2		
02	10	64	13.0	LA	0014	37	03.3	76	35.6	*6		7	25	18	01	1.0		06.0					G	14	G	0.40	13.2		
02	10	64	13.5	LA	0014	37	03.3	76	35.6	*6		7		18	01			00.0					V	11	V	0.49	13.5		
02	10	64	13.5	LA	0014	37	03.3	76	35.6	*6		7		18	01			02.0					G	18	G	0.65	13.6		
02	10	64	13.5	LA	0014	37	03.3	76	35.6	*6		7		18	01			04.0					G	17	G	0.60	13.7		
02	10	64	13.5	LA	0014	37	03.3	76	35.6	*6		7		18	01			06.0					G	14	G	0.50	13.7		
02	10	64	14.0	LA	0014	37	03.3	76	35.6	*6		7	24	18	03	1.0		00.0	T	22.25	R	14.60		*		*	*		
02	10	64	14.0	LA	0014	37	03.3	76	35.6	*6		7	24	18	03	1.0		02.0	T	21.90	R	14.79	G	19	G	0.70	14.1		
02	10	64	14.0	LA	0014	37	03.3	76	35.6	*6		7	24	18	03	1.0		04.0	T	21.95	R	15.07	G	17	G	0.50	14.2		
02	10	64	14.0	LA	0014	37	03.3	76	35.6	*6		7	24	18	03	1.0		06.0					G	15	G	0.40	14.2		
02	10	64	14.5	LA	0014	37	03.3	76	35.6	*6		7		18	03			00.0					V	12	V	0.22	14.5		
02	10	64	14.5	LA	0014	37	03.3	76	35.6	*6		7		18	03			02.0					G	18	G	0.40	14.6		
02	10	64	14.5	LA	0014	37	03.3	76	35.6	*6		7		18	03			04.0					G	17	G	0.40	14.7		
02	10	64	14.5	LA	0014	37	03.3	76	35.6	*6		7		18	03			06.0					G	15	G	0.35	14.7		
02	10	64	15.0	LA	0014	37	03.3	76	35.6	*6		7	23	18	03	0.9		00.0	T	21.95	R	14.45		*		*	*		
02	10	64	15.0	LA	0014	37	03.3	76	35.6	*6		7	23	18	03	0.9		02.0	T	21.90	R	14.55	G	12	G	0.20	15.1		
02	10	64	15.0	LA	0014	37	03.3	76	35.6	*6		7	23	18	03	0.9		04.0	T	21.80	R	14.93	G	18	G	0.15	15.2		
02	10	64	15.0	LA	0014	37	03.3	76	35.6	*6		7	23	18	03	0.9		06.0					G	17	G	0.25	15.2		
02	10	64	15.5	LA	0014	37	03.3	76	35.6	*6		7		18	03			00.0					V	17	V	0.06	15.5		
02	10	64	15.5	LA	0014	37	03.3	76	35.6	*6		7		18	03			02.0					G	00	G	0.00	15.6		
02	10	64	15.5	LA	0014	37	03.3	76	35.6	*6		7		18	03			04.0					G	00	G	0.00	15.7		
02	10	64	15.5	LA	0014	37	03.3	76	35.6	*6		7		18	03			06.0					G	00	G	0.00	15.7		
02	10	64	16.0	LA	0014	37	03.3	76	35.6	*6		8	24	22	03	1.0		00.0	T	22.10	R	14.46		*		*	*		
02	10	64	16.0	LA	0014	37	03.3	76	35.6	*6		8	24	22	03	1.0		02.0	T	21.95	R	14.46	G	00	G	0.00	16.1		
02	10	64	16.0	LA	0014	37	03.3	76	35.6	*6		8	24	22	03	1.0		04.0	T	21.85	R	14.76	G	00	G	0.00	16.2		
02	10	64	16.0	LA	0014	37	03.3	76	35.6	*6		8	24	22	03	1.0		06.0					G	26	G	0.10	16.2		
02	10	64	16.5	LA	0014	37	03.3	76	35.6	*6		1		22	03			00.0					V	33	V	0.23	16.5		
02	10	64	16.5	LA	0014	37	03.3	76	35.6	*6		1		22	03			02.0					G	33	G	0.20	16.6		
02	10	64	16.5	LA	0014	37	03.3	76	35.6	*6		1		22	03			04.0					G	32	G	0.25	16.7		
02	10	64	16.5	LA	0014	37	03.3	76	35.6	*6		1		22	03			06.0					G	28	G	0.20	16.7		
02	10	64	17.0	LA	0014	37	03.3	76	35.6	6		1	23		00	1.0		00.0	T	22.00	R	14.22		*		*	*		
02	10	64	17.0	LA	0014	37	03.3	76	35.6	6		1	23		00	1.0		02.0	T	21.90	R	14.82	G	32	G	0.35	17.1		
02	10	64	17.0	LA	0014	37	03.3	76	35.6	6		1	23		00	1.0		04.0	T	21.80	R	14.70	G	33	G	0.30	17.2		
02	10	64	17.0	LA	0014	37	03.3	76	35.6	6		1	23		00	1.0		06.0					G	30	G	0.30	17.2		
02	10	64	17.5	LA	0014	37	03.3	76	35.6	6		1			00			00.0					V	33	V	0.29	17.5		
02	10	64	17.5	LA	0014	37	03.3	76	35.6	6		1			00			02.0					G	31	G	0.40	17.6		
02	10	64	17.5	LA	0014	37	03.3	76	35.6	6		1			00			04.0					G	31	G	0.35	17.7		
02	10	64	17.5	LA	0014	37	03.3	76	35.6	6		1			00			06.0					G	27	G	0.25	17.7		
02	10	64	18.0	LA	0014	37	03.3	76	35.6	6		2	24		00			00.0	T	21.90	R	14.72		*		*	*		
02	10	64	18.0	LA	0014	37	03.3	76	35.6	6		2	24		00			02.0	T	22.00	R	15.94	G	31	G	0.40	18.1		
02	10	64	18.0	LA	0014	37	03.3	76	35.6	6		2	24		00			04.0	T	21.90	R	15.96	G	32	G	0.35	18.2		
02	10	64	18.0	LA	0014	37	03.3	76	35.6	6		2	24		00			06.0					G	27	G	0.25	18.2		
02	10	64	18.5	LA	0014	37	03.3	76	35.6	6		*			*			00.0					V	34	V	0.38	18.5		
02	10	64	18.5	LA	0014	37	03.3	76	35.6	6		*			*			02.0					G	30	G	0.40	18.6		
02	10	64	18.5	LA	0014	37	03.3	76	35.6	6		*			*			04.0					G	32	G	0.35	18.7		
02	10	64	18.5	LA	0014	37	03.3	76	35.6	6		*			*			06.0					G	28	G	0.25	18.7		
02	10	64	19.0	LA	0014	37	03.3	76	35.6	*6		*	24	18	01			00.0	T	21.90	R	16.15		*		*	*		
02	10	64	19.0	LA	0014	37	03.3	76	35.6	*6		*	24	18	01			02.0	T	21.90	R	16.71	G	30	G	0.30	19.1		
02	10	64	19.0	LA	0014	37	03.3	76	35.6	*6		*	24	18	01			04.0	T	21.90	R	16.59	G	32	G	0.30	19.2		
02	10	64	19.0	LA	0014	37	03.3	76	35.6	*6		*	24	18	01			06.0					G	27	G	0.25	19.2		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
02	10	64	19.5	LA	0014	37	03.3	76	35.6	*6	2		18	01		00.0					V	34	V	0.40	19.5
02	10	64	19.5	LA	0014	37	03.3	76	35.6	*6	2		18	01		02.0					G	30	G	0.30	19.6
02	10	64	19.5	LA	0014	37	03.3	76	35.6	*6	2		18	01		04.0					G	32	G	0.35	19.7
02	10	64	19.5	LA	0014	37	03.3	76	35.6	*6	2		18	01		06.0					G	26	G	0.25	19.7
02	10	64	20.0	LA	0014	37	03.3	76	35.6	*6	2	23	18	04		00.0	T	21.90	R	16.17		*		*	20.0
02	10	64	20.0	LA	0014	37	03.3	76	35.6	*6	2	23	18	04		02.0	T	21.90	R	16.98	G	30	G	0.35	20.1
02	10	64	20.0	LA	0014	37	03.3	76	35.6	*6	2	23	18	04		04.0	T	21.90	R	17.07	G	30	G	0.25	20.2
02	10	64	20.0	LA	0014	37	03.3	76	35.6	*6	2	23	18	04		06.0					G	27	G	0.20	20.2
02	10	64	20.5	LA	0014	37	03.3	76	35.6	*6	*		18	04		00.0					V	34	V	0.38	20.5
02	10	64	20.5	LA	0014	37	03.3	76	35.6	*6	*		18	04		02.0					G	29	G	0.20	20.6
02	10	64	20.5	LA	0014	37	03.3	76	35.6	*6	*		18	04		04.0					G	29	G	0.15	20.7
02	10	64	20.5	LA	0014	37	03.3	76	35.6	*6	*		18	04		06.0					G	26	G	0.10	20.7
02	10	64	21.0	LA	0014	37	03.3	76	35.6	*6	3	24	18	03		00.0	T	22.10	R	16.23		*		*	21.0
02	10	64	21.0	LA	0014	37	03.3	76	35.6	*6	3	24	18	03		02.0	T	21.95	R	16.85	G	29	G	0.15	21.1
02	10	64	21.0	LA	0014	37	03.3	76	35.6	*6	3	24	18	03		04.0	T	21.90	R	17.48	G	00	G	0.00	21.2
02	10	64	21.0	LA	0014	37	03.3	76	35.6	*6	3	24	18	03		06.0					G	29	G	0.05	21.2
02	10	64	21.5	LA	0014	37	03.3	76	35.6	*6	3		18	03		00.0					V	29	V	0.16	21.5
02	10	64	21.5	LA	0014	37	03.3	76	35.6	*6	3		18	03		02.0					G	00	G	0.00	21.6
02	10	64	21.5	LA	0014	37	03.3	76	35.6	*6	3		18	03		04.0					G	23	G	0.05	21.7
02	10	64	21.5	LA	0014	37	03.3	76	35.6	*6	3		18	03		06.0					G	00	G	0.00	21.7
02	10	64	22.0	LA	0014	37	03.3	76	35.6	*6	4	23	18	03		00.0	T	22.10	R	16.43		*		*	22.0
02	10	64	22.0	LA	0014	37	03.3	76	35.6	*6	4	23	18	03		02.0	T	22.05	R	17.00	G	00	G	0.00	22.1
02	10	64	22.0	LA	0014	37	03.3	76	35.6	*6	4	23	18	03		04.0	T	22.05	R	17.64	G	21	G	0.10	22.2
02	10	64	22.0	LA	0014	37	03.3	76	35.6	*6	4	23	18	03		06.0					G	21	G	0.10	22.2
02	10	64	22.5	LA	0014	37	03.3	76	35.6	*6	4		18	03		00.0					V	14	V	0.18	22.5
02	10	64	22.5	LA	0014	37	03.3	76	35.6	*6	4		18	03		02.0					G	17	G	0.15	22.6
02	10	64	22.5	LA	0014	37	03.3	76	35.6	*6	4		18	03		04.0					G	17	G	0.15	22.7
02	10	64	22.5	LA	0014	37	03.3	76	35.6	*6	4		18	03		06.0					G	15	G	0.15	22.7
02	10	64	23.0	LA	0014	37	03.3	76	35.6	*6	5	24	18	01		00.0	T	21.95	R	16.83		*		*	23.0
02	10	64	23.0	LA	0014	37	03.3	76	35.6	*6	5	24	18	01		02.0	T	21.90	R	17.38	G	18	G	0.30	23.1
02	10	64	23.0	LA	0014	37	03.3	76	35.6	*6	5	24	18	01		04.0	T	21.95	R	17.44	G	18	G	0.30	23.2
02	10	64	23.0	LA	0014	37	03.3	76	35.6	*6	5	24	18	01		06.0					G	15	G	0.25	23.2
02	10	64	23.5	LA	0014	37	03.3	76	35.6	*6	5		18	01		00.0					V	11	V	0.44	23.5
02	10	64	23.5	LA	0014	37	03.3	76	35.6	*6	5		18	01		02.0					G	17	G	0.45	23.6
02	10	64	23.5	LA	0014	37	03.3	76	35.6	*6	5		18	01		04.0					G	18	G	0.40	23.7
02	10	64	23.5	LA	0014	37	03.3	76	35.6	*6	5		18	01		06.0					G	17	G	0.30	23.7
03	10	64	00.0	LA	0014	37	03.3	76	35.6	*6	5	23	22	04		00.0	T	21.90	R	16.37		*		*	*
03	10	64	00.0	LA	0014	37	03.3	76	35.6	*6	5	23	22	04		02.0	T	21.90	R	16.67	G	18	G	0.50	00.1
03	10	64	00.0	LA	0014	37	03.3	76	35.6	*6	5	23	22	04		04.0	T	21.95	R	16.87	G	16	G	0.45	00.2
03	10	64	00.0	LA	0014	37	03.3	76	35.6	*6	5	23	22	04		06.0					G	16	G	0.40	00.2
03	10	64	00.5	LA	0014	37	03.3	76	35.6	*6	5		22	04		00.0					V	11	V	0.50	00.5
03	10	64	00.5	LA	0014	37	03.3	76	35.6	*6	5		22	04		02.0					G	18	G	0.55	00.6
03	10	64	00.5	LA	0014	37	03.3	76	35.6	*6	5		22	04		04.0					G	17	G	0.50	00.7
03	10	64	00.5	LA	0014	37	03.3	76	35.6	*6	5		22	04		06.0					G	15	G	0.40	00.7
03	10	64	01.0	LA	0014	37	03.3	76	35.6	*6	5	23	22	03		00.0	T	21.90	R	16.32		*		*	01.0
03	10	64	01.0	LA	0014	37	03.3	76	35.6	*6	5	23	22	03		02.0	T	21.80	R	17.00	G	19	G	0.65	01.1
03	10	64	01.0	LA	0014	37	03.3	76	35.6	*6	5	23	22	03		04.0	T	21.80	R	16.42	G	16	G	0.65	01.2
03	10	64	01.0	LA	0014	37	03.3	76	35.6	*6	5	23	22	03		06.0					G	15	G	0.50	01.2
03	10	64	01.5	LA	0014	37	03.3	76	35.6	*6	5		22	03		00.0					V	11	V	0.07	01.5
03	10	64	01.5	LA	0014	37	03.3	76	35.6	*6	5		22	03		02.0					G	19	G	0.75	01.6
03	10	64	01.5	LA	0014	37	03.3	76	35.6	*6	5		22	03		04.0					G	17	G	0.65	01.7
03	10	64	01.5	LA	0014	37	03.3	76	35.6	*6	5		22	03		06.0					G	16	G	0.60	01.7

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
03	10	64	02.0	LA	0014	37	03.3	76	35.6	*6	6	23	22	03		00.0	T	21.80	R	14.97		*		*	02.0
03	10	64	02.0	LA	0014	37	03.3	76	35.6	*6	6	23	22	03		02.0	T	21.80	R	15.35	G	20	G	0.80	02.1
03	10	64	02.0	LA	0014	37	03.3	76	35.6	*6	6	23	22	03		04.0	T	21.80	R	15.37	G	17	G	0.70	02.2
03	10	64	02.0	LA	0014	37	03.3	76	35.6	*6	6	23	22	03		06.0					G	15	G	0.60	02.2
03	10	64	02.5	LA	0014	37	03.3	76	35.6	*6	6		22	03		00.0					V	09	V	0.06	02.5
03	10	64	02.5	LA	0014	37	03.3	76	35.6	*6	6		22	03		02.0					G	19	G	0.50	02.6
03	10	64	02.5	LA	0014	37	03.3	76	35.6	*6	6		22	03		04.0					G	17	G	0.65	02.7
03	10	64	02.5	LA	0014	37	03.3	76	35.6	*6	6		22	03		06.0					G	14	G	0.40	02.7
03	10	64	03.0	LA	0014	37	03.3	76	35.6	*6	6	23	22	07		00.0	T	21.80	R	14.66		*		*	03.0
03	10	64	03.0	LA	0014	37	03.3	76	35.6	*6	6	23	22	07		02.0	T	21.80	R	14.76	G	19	G	0.65	03.1
03	10	64	03.0	LA	0014	37	03.3	76	35.6	*6	6	23	22	07		04.0	T	21.80	R	14.76	G	17	G	0.55	03.2
03	10	64	03.0	LA	0014	37	03.3	76	35.6	*6	6	23	22	07		06.0					G	15	G	0.45	03.2
03	10	64	03.5	LA	0014	37	03.3	76	35.6	*6	6		22	07		00.0					V	10	V	0.03	03.5
03	10	64	03.5	LA	0014	37	03.3	76	35.6	*6	6		22	07		02.0					G	18	G	0.50	03.6
03	10	64	03.5	LA	0014	37	03.3	76	35.6	*6	6		22	07		04.0					G	17	G	0.45	03.7
03	10	64	03.5	LA	0014	37	03.3	76	35.6	*6	6		22	07		06.0					G	15	G	0.30	03.7
03	10	64	04.0	LA	0014	37	03.3	76	35.6	*6	7	22	22	04		00.0	T	21.80	R	14.53		*		*	04.0
03	10	64	04.0	LA	0014	37	03.3	76	35.6	*6	7	22	22	04		02.0	T	21.80	R	14.61	G	19	G	0.20	04.1
03	10	64	04.0	LA	0014	37	03.3	76	35.6	*6	7	22	22	04		04.0	T	21.80	R	14.64	G	11	G	0.05	04.2
03	10	64	04.0	LA	0014	37	03.3	76	35.6	*6	7	22	22	04		06.0					G	16	G	0.05	04.2
03	10	64	04.5	LA	0014	37	03.3	76	35.6	*6	7		22	04		00.0					V	05	V	0.03	04.5
03	10	64	04.5	LA	0014	37	03.3	76	35.6	*6	7		22	04		02.0					G	00	G	0.00	04.6
03	10	64	04.5	LA	0014	37	03.3	76	35.6	*6	7		22	04		04.0					G	00	G	0.00	04.7
03	10	64	04.5	LA	0014	37	03.3	76	35.6	*6	7		22	04		06.0					G	00	G	0.00	04.7
03	10	64	05.0	LA	0014	37	03.3	76	35.6	*6	8	22	36	07		00.0	T	21.80	R	14.40		*		*	05.0
03	10	64	05.0	LA	0014	37	03.3	76	35.6	*6	8	22	36	07		02.0	T	21.80	R	14.41	G	00	G	0.00	05.1
03	10	64	05.0	LA	0014	37	03.3	76	35.6	*6	8	22	36	07		04.0	T	21.80	R	14.42	G	34	G	0.05	05.2
03	10	64	05.0	LA	0014	37	03.3	76	35.6	*6	8	22	36	07		06.0					G	25	G	0.10	05.2
03	10	64	05.5	LA	0014	37	03.3	76	35.6	*6	1		36	07		00.0					V	23	V	0.15	05.5
03	10	64	05.5	LA	0014	37	03.3	76	35.6	*6	1		36	07		02.0					G	32	G	0.15	05.6
03	10	64	05.5	LA	0014	37	03.3	76	35.6	*6	1		36	07		04.0					G	33	G	0.20	05.7
03	10	64	05.5	LA	0014	37	03.3	76	35.6	*6	1		36	07		06.0					G	29	G	0.10	05.7
03	10	64	06.0	LA	0014	37	03.3	76	35.6	*6	1	20	36	07		00.0	T	21.50	R	14.54		*		*	06.0
03	10	64	06.0	LA	0014	37	03.3	76	35.6	*6	1	20	36	07		02.0	T	21.70	R	14.73	G	33	G	0.20	06.1
03	10	64	06.0	LA	0014	37	03.3	76	35.6	*6	1	20	36	07		04.0	T	21.70	R	14.76	G	34	G	0.20	06.2
03	10	64	06.0	LA	0014	37	03.3	76	35.6	*6	1	20	36	07		06.0					G	25	G	0.15	06.2
03	10	64	06.5	LA	0014	37	03.3	76	35.6	*6	*		36	07		00.0					V	32	V	0.18	06.5
03	10	64	06.5	LA	0014	37	03.3	76	35.6	*6	*		36	07		02.0					G	34	G	0.25	06.6
03	10	64	06.5	LA	0014	37	03.3	76	35.6	*6	*		36	07		04.0					G	31	G	0.30	06.7
03	10	64	06.5	LA	0014	37	03.3	76	35.6	*6	*		36	07		06.0					G	27	G	0.35	06.7
03	10	64	07.0	LA	0014	37	03.3	76	35.6	*6	1	19	36	04	1.0	00.0	T	21.20	R	15.73		*		*	07.3
03	10	64	07.0	LA	0014	37	03.3	76	35.6	*6	1	19	36	04		02.0	T	21.65	R	16.25	G	31	G	0.25	07.1
03	10	64	07.0	LA	0014	37	03.3	76	35.6	*6	1	19	36	04		04.0	T	21.70	R	16.56	G	33	G	0.40	07.2
03	10	64	07.0	LA	0014	37	03.3	76	35.6	*6	1	19	36	04		06.0					G	29	G	0.35	07.2
03	10	64	07.6	LA	0014	37	03.3	76	35.6	*6	1		36	04		00.0					V	29	V	0.29	07.6
03	10	64	07.6	LA	0014	37	03.3	76	35.6	*6	1		36	04		02.0					G	32	G	0.45	07.6
03	10	64	07.6	LA	0014	37	03.3	76	35.6	*6	1		36	04		04.0					G	34	G	0.45	07.7
03	10	64	07.6	LA	0014	37	03.3	76	35.6	*6	1		36	04		06.0					G	29	G	0.35	07.7
03	10	64	08.0	LA	0014	37	03.3	76	35.6	*6	2	18	32	04	1.0	00.0	N	21.04	R	16.86		*		*	*
03	10	64	08.0	LA	0014	37	03.3	76	35.6	*6	2	18	32	04		02.0	N	21.12	R	16.90	G	34	G	0.45	08.1
03	10	64	08.0	LA	0014	37	03.3	76	35.6	*6	2	18	32	04		04.0	N	21.24	R	16.92	G	34	G	0.40	08.2
03	10	64	08.0	LA	0014	37	03.3	76	35.6	*6	2	18	32	04		06.0			R	16.92	G	30	G	0.30	08.2

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
03	10	64	08.5	LA	0014	37	03.3	76	35.6	*6		3	18	32	04			00.0					V	32	V	0.34	08.5	
03	10	64	08.5	LA	0014	37	03.3	76	35.6	*6		3	18	32	04			02.0					G	32	G	0.30	08.6	
03	10	64	08.5	LA	0014	37	03.3	76	35.6	*6		3	18	32	04			04.0					G	30	G	0.45	08.7	
03	10	64	08.5	LA	0014	37	03.3	76	35.6	*6		3	18	32	04			06.0					G	27	G	0.40	08.7	
03	10	64	09.0	LA	0014	37	03.3	76	35.6	*6		3	19	32	04	1.2		00.0	N	21.24	R	16.62		*		*	*	
03	10	64	09.0	LA	0014	37	03.3	76	35.6	*6		3	19	32	04	1.2		02.0	N	21.28	R	16.63	G	32	G	0.35	09.1	
03	10	64	09.0	LA	0014	37	03.3	76	35.6	*6		3	19	32	04			04.0	N	21.40	R	16.73	G	32	G	0.25	09.2	
03	10	64	09.0	LA	0014	37	03.3	76	35.6	*6		3	19	32	04			06.0	N	21.48	R	17.13	G	26	G	0.25	09.2	
03	10	64	09.5	LA	0014	37	03.3	76	35.6	*6		3		32	04			00.0					V	34	V	0.23	09.5	
03	10	64	09.5	LA	0014	37	03.3	76	35.6	*6		3		32	04			02.0					G	35	G	0.10	09.6	
03	10	64	09.5	LA	0014	37	03.3	76	35.6	*6		3		32	04			04.0					G	34	G	0.05	09.7	
03	10	64	09.5	LA	0014	37	03.3	76	35.6	*6		3		32	04			06.0					G	00	G	0.00	09.7	
03	10	64	10.0	LA	0014	37	03.3	76	35.6	*6		3	21	36	03	1.2		00.0	N	21.40	R	17.43		*		*	10.0	
03	10	64	10.0	LA	0014	37	03.3	76	35.6	*6		3	21	36	03	1.2		02.0	N	21.36	R	16.77	G	34	G	0.05	10.1	
03	10	64	10.0	LA	0014	37	03.3	76	35.6	*6		3	21	36	03	1.2		04.0	N	21.52	R	16.73	G	00	G	0.00	10.2	
03	10	64	10.0	LA	0014	37	03.3	76	35.6	*6		3	21	36	03	1.2		06.0	N	21.60	R	17.43	G	00	G	0.00	10.2	
03	10	64	10.5	LA	0014	37	03.3	76	35.6	*6		4		36	03			00.0					V	29	V	0.05	10.5	
03	10	64	10.5	LA	0014	37	03.3	76	35.6	*6		4		36	03			02.0					G	00	G	0.00	10.6	
03	10	64	10.5	LA	0014	37	03.3	76	35.6	*6		4		36	03			04.0					G	00	G	0.00	10.7	
03	10	64	10.5	LA	0014	37	03.3	76	35.6	*6		4		36	03			06.0					G	00	G	0.00	10.7	
03	10	64	11.0	LA	0014	37	03.3	76	35.6	6		4	21	4	04	1.3		00.0	N	22.44	R	17.40		*		*	*	
03	10	64	11.0	LA	0014	37	03.3	76	35.6	6		4	21	4	04	1.3		02.0	N	22.00	R	17.48	G	00	G	0.00	11.1	
03	10	64	11.0	LA	0014	37	03.3	76	35.6	6		4	21	4	04	1.3		04.0	N	21.96	R	17.48	G	15	G	0.05	11.2	
03	10	64	11.0	LA	0014	37	03.3	76	35.6	6		4	21	4	04	1.3		06.0	N	21.92	R	17.48	G	00	G	0.00	11.2	
03	10	64	11.0	LA	0014	37	03.3	76	35.6	6		4	21	4	04	1.3		02.0					G	16	G	0.15	11.6	
03	10	64	11.0	LA	0014	37	03.3	76	35.6	6		4	21	4	04	1.3		04.0					G	15	G	0.15	11.7	
03	10	64	11.0	LA	0014	37	03.3	76	35.6	6		4	21	4	04	1.3		06.0					G	16	G	0.10	11.7	
03	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	01			02.0					G	17	G	0.30	12.1	
03	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	01			04.0					G	17	G	0.25	12.2	
03	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	01			06.0					G	15	G	0.20	12.2	
03	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	01			02.0					G	18	G	0.40	12.6	
03	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	01			04.0					G	17	G	0.35	12.7	
03	10	64	12.0	LA	0014	37	03.3	76	35.6	6		*		4	01			06.0					G	15	G	0.25	12.7	
03	10	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	03			02.0					G	18	G	0.50	13.1	
03	10	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	03			04.0					G	17	G	0.40	13.2	
03	10	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	03			06.0					G	15	G	0.30	13.2	
03	10	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	03			02.0					G	17	G	0.55	13.6	
03	10	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	03			04.0					G	17	G	0.45	13.7	
03	10	64	13.0	LA	0014	37	03.3	76	35.6	*6		*		36	03			06.0					G	15	G	0.35	13.7	
03	10	64	14.0	LA	0014	37	03.3	76	35.6	*6		*		36	01			02.0					G	19	G	0.60	14.1	
03	10	64	14.0	LA	0014	37	03.3	76	35.6	*6		*		36	01			04.0					G	17	G	0.55	14.2	
03	10	64	14.0	LA	0014	37	03.3	76	35.6	*6		*		36	01			06.0					G	15	G	0.40	14.2	
03	10	64	14.0	LA	0014	37	03.3	76	35.6	*6		*		36	01			02.0					G	19	G	0.55	14.6	
03	10	64	14.0	LA	0014	37	03.3	76	35.6	*6		*		36	01			04.0					G	18	G	0.45	14.7	
03	10	64	14.0	LA	0014	37	03.3	76	35.6	*6		*		36	01			06.0					G	15	G	0.35	14.7	
03	10	64	15.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			02.0					G	18	G	0.60	15.1	
03	10	64	15.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			04.0					G	16	G	0.50	15.2	
03	10	64	15.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			06.0					G	15	G	0.30	15.2	
03	10	64	15.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			02.0					G	17	G	0.40	15.6	
03	10	64	15.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			04.0					G	17	G	0.30	15.7	
03	10	64	15.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			06.0					G	15	G	0.25	15.7	
03	10	64	16.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			02.0					G	17	G	0.25	16.1	
03	10	64	16.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			04.0					G	16	G	0.20	16.2	
03	10	64	16.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			06.0					G	13	G	0.10	16.2	
03	10	64	16.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			02.0					G	00	G	0.00	16.6	
03	10	64	16.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			04.0					G	00	G	0.00	16.7	
03	10	64	16.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			06.0					G	00	G	0.00	16.7	

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)		
03	10	64	17.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			02.0					G	26	G	0.05	17.1		
03	10	64	17.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			04.0					G	28	G	0.15	17.2		
03	10	64	17.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			06.0					G	27	G	0.15	17.2		
03	10	64	17.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			02.0					G	30	G	0.20	17.6		
03	10	64	17.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			04.0					G	30	G	0.25	17.7		
03	10	64	17.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			06.0					G	27	G	0.25	17.7		
03	10	64	18.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			02.0					G	31	G	0.35	18.1		
03	10	64	18.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			04.0					G	31	G	0.25	18.2		
03	10	64	18.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			06.0					G	27	G	0.20	18.2		
03	10	64	18.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			02.0					G	30	G	0.30	18.6		
03	10	64	18.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			04.0					G	30	G	0.20	18.7		
03	10	64	18.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			06.0					G	27	G	0.20	18.7		
03	10	64	19.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			02.0					G	31	G	0.35	19.1		
03	10	64	19.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			04.0					G	31	G	0.35	19.2		
03	10	64	19.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			06.0					G	27	G	0.25	19.2		
03	10	64	19.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			02.0					G	32	G	0.40	19.6		
03	10	64	19.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			04.0					G	32	G	0.30	19.7		
03	10	64	19.0	LA	0014	37	03.3	76	35.6	*6		*		32	01			06.0					G	27	G	0.20	19.7		
03	10	64	20.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	32	G	0.35	20.1		
03	10	64	20.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	32	G	0.30	20.2		
03	10	64	20.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	27	G	0.25	20.2		
03	10	64	20.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	31	G	0.25	20.6		
03	10	64	20.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	30	G	0.20	20.7		
03	10	64	20.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	25	G	0.20	20.7		
03	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	32	G	0.25	21.1		
03	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	30	G	0.20	21.2		
03	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	24	G	0.10	21.2		
03	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	29	G	0.20	21.6		
03	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	27	G	0.05	21.7		
03	10	64	21.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	00	G	0.00	21.7		
03	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	00	G	0.00	22.1		
03	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	24	G	0.05	22.2		
03	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	24	G	0.05	22.2		
03	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	00	G	0.00	22.6		
03	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	22	G	0.05	22.7		
03	10	64	22.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	21	G	0.05	22.7		
03	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	00	G	0.00	23.1		
03	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	10	G	0.00	23.2		
03	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	21	G	0.00	23.2		
03	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*			00			02.0					G	17	G	0.25	23.6		
03	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*			00			04.0					G	17	G	0.25	23.7		
03	10	64	23.0	LA	0014	37	03.3	76	35.6	6		*			00			06.0					G	17	G	0.20	23.7		
29	09	64	20.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			00.0	C	22.36	C	13.42		*		*	*		
29	09	64	20.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			02.0	C	20.00	C	14.79	G	00	G	0.00	20.3		
29	09	64	20.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			04.0	C	22.02	C	14.74	G	17	G	0.15	20.3		
29	09	64	20.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			06.0					G	00	G	0.00	20.3		
29	09	64	20.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			02.0					G	14	G	0.30	20.8		
29	09	64	20.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			04.0					G	16	G	0.20	20.8		
29	09	64	20.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			06.0					G	00	G	0.00	20.8		
29	09	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			00.0	C	22.50	C	12.37		*		*	*		
29	09	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			02.0	C	22.32	C	12.91	G	12	G	0.25	21.3		
29	09	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			04.0	C	22.02	C	14.02	G	17	G	0.25	21.3		
29	09	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			06.0					G	20	G	0.10	21.3		
29	09	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			02.0					G	13	G	0.30	21.8		
29	09	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			04.0					G	16	G	0.30	21.8		
29	09	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			06.0					G	15	G	0.25	21.8		

DATE			STATION TIME (E.S.T.)	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
29	09	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			00.0	C	22.26	C	12.80		*		*	*		
29	09	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			02.0	C	22.22	C	13.08	G	13	G	0.40	22.3		
29	09	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			04.0	C	22.22	C	13.10	G	15	G	0.35	22.3		
29	09	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			06.0					G	16	G	0.15	22.3		
29	09	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			02.0					G	13	G	0.45	22.8		
29	09	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			04.0					G	17	G	0.25	22.8		
29	09	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		20	02			06.0					G	16	G	0.25	22.8		
29	09	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			00.0	C	22.22	C	12.16		*		*	*		
29	09	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			02.0	C	22.20	C	12.28	G	00	G	0.40	23.3		
29	09	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			04.0	C	22.20	C	12.35	G	15	G	0.35	23.3		
29	09	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			06.0					G	16	G	0.30	23.3		
29	09	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			02.0					G	13	G	0.30	23.8		
29	09	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			04.0					G	16	G	0.20	23.8		
29	09	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			06.0					G	16	G	0.25	23.8		
30	09	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			00.0	C	22.14	C	11.88		*		*	*		
30	09	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			02.0	C	22.14	C	11.86	G	13	G	0.30	00.3		
30	09	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			04.0	C	22.14	C	11.83	G	17	G	0.25	00.3		
30	09	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			06.0					G	18	G	0.20	00.3		
30	09	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			02.0					G	11	G	0.25	00.8		
30	09	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			04.0					G	16	G	0.20	00.8		
30	09	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			06.0					G	17	G	0.25	00.8		
30	09	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			00.0	C	22.08	C	11.41		*		*	*		
30	09	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			02.0	C	22.08	C	11.42	G	09	G	0.10	01.3		
30	09	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			04.0	C	22.08	C	11.47	G	17	G	0.15	01.3		
30	09	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			06.0					G	16	G	0.15	01.3		
30	09	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			02.0					G	00	G	0.00	01.8		
30	09	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			04.0					G	17	G	0.05	01.8		
30	09	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			06.0					G	00	G	0.00	01.8		
30	09	64	02.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			00.0	C	22.06	C	11.18		*		*	*		
30	09	64	02.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			02.0	C	22.06	C	11.14	G	00	G	0.00	02.3		
30	09	64	02.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			04.0	C	22.12	C	11.70	G	00	G	0.00	02.3		
30	09	64	02.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			06.0					G	00	G	0.00	02.3		
30	09	64	02.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			02.0					G	00	G	0.00	02.8		
30	09	64	02.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			04.0					G	30	G	0.05	02.8		
30	09	64	02.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			06.0					G	32	G	0.05	02.8		
30	09	64	03.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			00.0	C	22.04	C	11.08		*		*	*		
30	09	64	03.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			02.0	C	22.06	C	11.16	G	33	G	0.15	03.3		
30	09	64	03.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			04.0	C	22.08	C	11.35	G	35	G	0.25	03.3		
30	09	64	03.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			06.0					G	33	G	0.25	03.3		
30	09	64	03.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			02.0					G	32	G	0.35	03.8		
30	09	64	03.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			04.0					G	34	G	0.40	03.8		
30	09	64	03.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			06.0					G	34	G	0.40	03.8		
30	09	64	04.0	PA	0014	37	06.6	76	37.9	*5		*		22	07			00.0	C	22.08	C	11.66		*		*	*		
30	09	64	04.0	PA	0014	37	06.6	76	37.9	*5		*		22	07			02.0	C	22.10	C	11.72	G	32	G	0.45	04.3		
30	09	64	04.0	PA	0014	37	06.6	76	37.9	*5		*		22	07			04.0	C	22.14	C	12.24	G	33	G	0.40	04.3		
30	09	64	04.0	PA	0014	37	06.6	76	37.9	*5		*		22	07			06.0					G	34	G	0.40	04.3		
30	09	64	04.0	PA	0014	37	06.6	76	37.9	*5		*		22	07			02.0					G	33	G	0.55	04.8		
30	09	64	04.0	PA	0014	37	06.6	76	37.9	*5		*		22	07			04.0					G	34	G	0.55	04.8		
30	09	64	04.0	PA	0014	37	06.6	76	37.9	*5		*		22	07			06.0					G	33	G	0.40	04.8		
30	09	64	05.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			00.0	C	22.16	C	12.20		*		*	*		
30	09	64	05.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			02.0	C	22.16	C	12.33	G	33	G	0.60	05.3		
30	09	64	05.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			04.0	C	22.16	C	12.38	G	34	G	0.55	05.3		
30	09	64	05.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			06.0					G	33	G	0.35	05.3		
30	09	64	05.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			02.0					G	32	G	0.55	05.8		
30	09	64	05.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			04.0					G	34	G	0.45	05.8		
30	09	64	05.0	PA	0014	37	06.6	76	37.9	*5		*		22	04			06.0					G	33	G	0.30	05.8		
30	09	64	06.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			00.0	C	22.18	C	12.78		*		*	*		
30	09	64	06.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			02.0	C	22.18	C	12.81	G	32	G	0.50	06.3		
30	09	64	06.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			04.0	C	22.18	C	12.91	G	34	G	0.40	06.3		
30	09	64	06.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			06.0					G	33	G	0.25	06.3		
30	09	64	06.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			02.0					G	32	G	0.35	06.8		
30	09	64	06.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			04.0					G	33	G	0.30	06.8		
30	09	64	06.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			06.0					G	32	G	0.15	06.8		

DATE DAY	MONTH	YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	MIN. & TENTHS	LONGITUDE WEST DEGREES	MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	°C	SALINITY INSTR.	‰	CURRENT DIRXN INSTR.	CODE	VELOCITY INSTR.	M/SEC.	SAMPLE TIME (E.S.T.)		
30	09	64	07.0	PA	0014	37	06.6	76	37.9	6		*		2	04			00.0	C	22.18	C	12.78		*		*	*		
30	09	64	07.0	PA	0014	37	06.6	76	37.9	6		*		2	04			02.0	C	22.16	C	13.26	G	32	G	0.40	07.3		
30	09	64	07.0	PA	0014	37	06.6	76	37.9	6		*		2	04			04.0	C	22.16	C	13.32	G	32	G	0.15	07.3		
30	09	64	07.0	PA	0014	37	06.6	76	37.9	6		*		2	04			06.0					G	31	G	0.10	07.3		
30	09	64	07.0	PA	0014	37	06.6	76	37.9	6		*		2	04			02.0					G	32	G	0.10	07.8		
30	09	64	07.0	PA	0014	37	06.6	76	37.9	6		*		2	04			04.0					G	00	G	0.06	07.8		
30	09	64	07.0	PA	0014	37	06.6	76	37.9	6		*		2	04			06.0					G	29	G	0.05	07.8		
30	09	64	08.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			00.0	C	22.20	C	12.91		*		*	*		
30	09	64	08.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			02.0	C	22.16	C	13.39	G	00	G	0.00	08.3		
30	09	64	08.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			04.0	C	22.12	C	13.75	G	00	G	0.00	08.3		
30	09	64	08.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			06.0					G	00	G	0.00	08.3		
30	09	64	08.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			02.0					G	00	G	0.00	08.8		
30	09	64	08.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			04.0					G	00	G	0.00	08.8		
30	09	64	08.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			06.0					G	00	G	0.00	08.8		
30	09	64	09.0	PA	0014	37	06.6	76	37.9	*6		*		25	07			00.0	C	22.20	C	12.38		*		*	*		
30	09	64	09.0	PA	0014	37	06.6	76	37.9	*6		*		25	07			02.0	C	22.16	C	13.18	G	13	G	0.30	09.3		
30	09	64	09.0	PA	0014	37	06.6	76	37.9	*6		*		25	07			04.0	C	22.12	C	13.67	G	16	G	0.30	09.3		
30	09	64	09.0	PA	0014	37	06.6	76	37.9	*6		*		25	07			06.0					G	15	G	0.20	09.3		
30	09	64	09.0	PA	0014	37	06.6	76	37.9	*6		*		25	07			02.0					G	13	G	0.30	09.8		
30	09	64	09.0	PA	0014	37	06.6	76	37.9	*6		*		25	07			04.0					G	14	G	0.25	09.8		
30	09	64	09.0	PA	0014	37	06.6	76	37.9	*6		*		25	07			06.0					G	16	G	0.20	09.8		
30	09	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		25	04			00.0	C	22.24	C	12.02		*		*	*		
30	09	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		25	04			02.0	C	22.20	C	12.12	G	11	G	0.35	10.3		
30	09	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		25	04			04.0	C	22.18	C	12.22	G	14	G	0.30	10.3		
30	09	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		25	04			06.0					G	12	G	0.20	10.3		
30	09	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		25	04			02.0					G	13	G	0.35	10.8		
30	09	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		25	04			04.0					G	14	G	0.30	10.8		
30	09	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		25	04			06.0					G	14	G	0.25	10.8		
30	09	64	11.0	PA	0014	37	06.6	76	37.9	*6		*		27	01			00.0	C	22.26	C	11.89		*		*	*		
30	09	64	11.0	PA	0014	37	06.6	76	37.9	*6		*		27	01			02.0	C	22.22	C	11.95	G	13	G	0.45	11.3		
30	09	64	11.0	PA	0014	37	06.6	76	37.9	*6		*		27	01			04.0	C	22.18	C	12.09	G	20	G	0.40	11.3		
30	09	64	11.0	PA	0014	37	06.6	76	37.9	*6		*		27	01			06.0					G	10	G	0.30	11.3		
30	09	64	11.5	PA	0014	37	06.6	76	37.9	*6		*		36	07			02.0					G	00	G	0.40	11.8		
30	09	64	11.5	PA	0014	37	06.6	76	37.9	*6		*		36	07			04.0					G	17	G	0.40	11.8		
30	09	64	11.5	PA	0014	37	06.6	76	37.9	*6		*		36	07			06.0					G	13	G	0.30	11.8		
30	09	64	12.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			00.0	C	22.20	C	11.48		*		*	*		
30	09	64	12.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			02.0	C	22.20	C	11.47	G	13	G	0.35	12.3		
30	09	64	12.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			04.0	C	22.20	C	11.48	G	16	G	0.30	12.3		
30	09	64	12.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			06.0					G	11	G	0.20	12.3		
30	09	64	12.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			02.0					G	12	G	0.30	12.8		
30	09	64	12.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			04.0					G	14	G	0.25	12.8		
30	09	64	12.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			06.0					G	11	G	0.15	12.8		
30	09	64	13.0	PA	0014	37	06.6	76	37.9	6		*		2	07			00.0	C	22.26	C	11.06		*		*	*		
30	09	64	13.0	PA	0014	37	06.6	76	37.9	6		*		2	07			02.0	C	22.24	C	11.09	G	14	G	0.05	13.3		
30	09	64	13.0	PA	0014	37	06.6	76	37.9	6		*		2	07			04.0	C	22.20	C	11.22	G	00	G	0.00	13.3		
30	09	64	13.0	PA	0014	37	06.6	76	37.9	6		*		2	07			06.0					G	00	G	0.00	13.3		
30	09	64	13.0	PA	0014	37	06.6	76	37.9	6		*		2	07			02.0					G	36	G	0.10	13.8		
30	09	64	13.0	PA	0014	37	06.6	76	37.9	6		*		2	07			04.0					G	34	G	0.15	13.8		
30	09	64	13.0	PA	0014	37	06.6	76	37.9	6		*		2	07			06.0					G	35	G	0.15	13.8		
30	09	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	07			00.0	C	22.26	C	11.11		*		*	*		
30	09	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	07			02.0	C	22.24	C	11.15	G	31	G	0.30	14.3		
30	09	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	07			04.0	C	22.22	C	11.23	G	32	G	0.30	14.3		
30	09	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	07			06.0					G	34	G	0.20	14.3		
30	09	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	07			02.0					G	32	G	0.40	14.8		
30	09	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	07			04.0					G	35	G	0.45	14.8		
30	09	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	07			06.0					G	34	G	0.25	14.8		
30	09	64	15.0	PA	0014	37	06.6	76	37.9	6		*		4	04			00.0	C	22.18	C	11.63		*		*	*		
30	09	64	15.0	PA	0014	37	06.6	76	37.9	6		*		4	04			02.0	C	22.18	C	11.68	G	33	G	0.55	15.3		
30	09	64	15.0	PA	0014	37	06.6	76	37.9	6		*		4	04			04.0	C	22.18	C	11.70	G	35	G	0.50	15.3		
30	09	64	15.0	PA	0014	37	06.6	76	37.9	6		*		4	04			06.0					G	34	G	0.40	15.3		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
30	09	64	15.5	PA	0014	37	06.6	76	37.9	6		*		2	03			02.0					G	34	G	0.65	15.8		
30	09	64	15.5	PA	0014	37	06.6	76	37.9	6		*		2	03			04.0					G	35	G	0.65	15.8		
30	09	64	15.5	PA	0014	37	06.6	76	37.9	6		*		2	03			06.0					G	35	G	0.55	15.8		
30	09	64	16.0	PA	0014	37	06.6	76	37.9	6		*		4	02			00.0	C	22.20	C	12.23		*		*	*		
30	09	64	16.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0	C	22.22	C	12.46	G	33	G	0.70	16.3		
30	09	64	16.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0	C	22.24	C	12.48	G	33	G	0.65	16.3		
30	09	64	16.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	35	G	0.60	16.3		
30	09	64	16.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0					G	34	G	0.70	16.8		
30	09	64	16.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0					G	34	G	0.65	16.8		
30	09	64	16.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	34	G	0.55	16.8		
30	09	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	02			00.0	C	22.24	C	12.95		*		*	*		
30	09	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0	C	22.24	C	13.06	G	34	G	0.70	17.3		
30	09	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0	C	22.24	C	13.18	G	33	G	0.65	17.3		
30	09	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	35	G	0.60	17.3		
30	09	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0					G	33	G	0.60	17.8		
30	09	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0					G	35	G	0.60	17.8		
30	09	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	34	G	0.40	17.8		
30	09	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	04			00.0	C	22.24	C	13.76		*		*	*		
30	09	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	04			02.0	C	22.24	C	13.88	G	34	G	0.50	18.3		
30	09	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	04			04.0	C	22.24	C	14.10	G	35	G	0.40	18.3		
30	09	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	04			06.0					G	34	G	0.35	18.3		
30	09	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	04			02.0					G	34	G	0.50	18.8		
30	09	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	04			04.0					G	35	G	0.35	18.8		
30	09	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	04			06.0					G	34	G	0.35	18.8		
30	09	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	04			00.0	C	22.22	C	14.48		*		*	*		
30	09	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	04			02.0	C	22.22	C	14.39	G	32	G	0.40	19.3		
30	09	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	04			04.0	C	22.22	C	14.32	G	35	G	0.25	19.3		
30	09	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	04			06.0					G	34	G	0.25	19.3		
30	09	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	04			02.0					G	32	G	0.20	19.8		
30	09	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	04			04.0					G	36	G	0.15	19.8		
30	09	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	04			06.0					G	34	G	0.10	19.8		
30	09	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	04			00.0	C	22.16	C	14.69		*		*	*		
30	09	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	04			02.0	C	22.16	C	14.95	G	32	G	0.10	20.3		
30	09	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	04			04.0	C	22.12	C	15.32	G	00	G	0.00	20.3		
30	09	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	04			06.0					G	00	G	0.00	20.3		
30	09	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	04			02.0					G	00	G	0.00	20.8		
30	09	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	04			04.0					G	00	G	0.00	20.8		
30	09	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	04			06.0					G	00	G	0.00	20.8		
30	09	64	21.0	PA	0014	37	06.6	76	37.9	5		*		4	04			00.0	C	22.12	C	14.81		*		*	*		
30	09	64	21.0	PA	0014	37	06.6	76	37.9	5		*		4	04			02.0	C	22.12	C	14.98	G	13	G	0.10	21.3		
30	09	64	21.0	PA	0014	37	06.6	76	37.9	5		*		4	04			04.0	C	22.12	C	15.33	G	17	G	0.10	21.3		
30	09	64	21.0	PA	0014	37	06.6	76	37.9	5		*		4	04			06.0					G	17	G	0.05	21.3		
30	09	64	21.0	PA	0014	37	06.6	76	37.9	5		*		4	04			02.0					G	14	G	0.35	21.8		
30	09	64	21.0	PA	0014	37	06.6	76	37.9	5		*		4	04			04.0					G	17	G	0.10	21.8		
30	09	64	21.0	PA	0014	37	06.6	76	37.9	5		*		4	04			06.0					G	10	G	0.15	21.8		
30	09	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			00.0	C	22.22	C	13.20		*		*	*		
30	09	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0	C	22.18	C	13.37	G	13	G	0.40	22.3		
30	09	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0	C	22.12	C	15.07	G	15	G	0.30	22.3		
30	09	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	12	G	0.25	22.3		
30	09	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0					G	14	G	0.45	22.8		
30	09	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0					G	14	G	0.35	22.8		
30	09	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	15	G	0.30	22.8		
30	09	64	23.0	PA	0014	37	06.6	76	37.9	6		*		4	03			00.0	C	22.14	C	13.62		*		*	*		
30	09	64	23.0	PA	0014	37	06.6	76	37.9	6		*		4	03			02.0	C	22.14	C	13.80	G	15	G	0.40	*		
30	09	64	23.0	PA	0014	37	06.6	76	37.9	6		*		4	03			04.0	C	22.14	C	14.05	G	15	G	0.35	*		
30	09	64	23.0	PA	0014	37	06.6	76	37.9	6		*		4	03			06.0					G	15	G	0.25	*		
30	09	64	23.0	PA	0014	37	06.6	76	37.9	6		*		4	03			02.0					G	14	G	0.40	*		
30	09	64	23.0	PA	0014	37	06.6	76	37.9	6		*		4	03			04.0					G	14	G	0.40	*		
30	09	64	23.0	PA	0014	37	06.6	76	37.9	6		*		4	03			06.0					G	13	G	0.25	*		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)	
01	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*		4	01			00.0	C	22.16	C	13.07		*		*	*	
01	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*		4	01			02.0	C	22.18	C	13.23	G	14	G	0.40	00.3	
01	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*		4	01			04.0	C	22.18	C	13.30	G	14	G	0.35	00.3	
01	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*		4	01			06.0					G	13	G	0.25	00.3	
01	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*		4	01			02.0					G	14	G	0.40	00.8	
01	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*		4	01			04.0					G	15	G	0.25	00.8	
01	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*		4	01			06.0					G	15	G	0.20	00.8	
01	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*		4	03			00.0	C	22.06	C	12.40		*		*	*	
01	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*		4	03			02.0	C	22.10	C	12.48	G	13	G	0.35	01.3	
01	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*		4	03			04.0	C	22.10	C	12.54	G	15	G	0.30	01.3	
01	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*		4	03			06.0					G	14	G	0.20	01.3	
01	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*		4	03			02.0					G	13	G	0.25	01.8	
01	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*		4	03			04.0					G	16	G	0.15	01.8	
01	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*		4	03			06.0					G	15	G	0.15	01.8	
01	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*		4	03			00.0	C	22.02	C	12.21		*		*	*	
01	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*		4	03			02.0	C	22.06	C	12.33	G	16	G	0.20	02.3	
01	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*		4	03			04.0	C	22.08	C	12.45	G	12	G	0.10	02.3	
01	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*		4	03			06.0					G	00	G	0.00	02.3	
01	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*		4	03			02.0					G	15	G	0.10	02.8	
01	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*		4	03			04.0					G	00	G	0.00	02.8	
01	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*		4	03			06.0					G	00	G	0.00	02.8	
01	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*		4	03			00.0	C	21.88	C	11.83		*		*	*	
01	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*		4	03			02.0	C	22.00	C	12.14	G	00	G	0.00	03.3	
01	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*		4	03			04.0	C	22.04	C	12.28	G	00	G	0.00	03.3	
01	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*		4	03			06.0					G	32	G	0.10	03.3	
01	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*		4	03			02.0					G	34	G	0.10	03.8	
01	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*		4	03			04.0					G	33	G	0.20	03.8	
01	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*		4	03			06.0					G	34	G	0.20	03.8	
01	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*		4	07			00.0	C	21.92	C	12.15		*		*	*	
01	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*		4	07			02.0	C	21.94	C	12.20	G	34	G	0.30	04.3	
01	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*		4	07			04.0	C	22.14	C	13.15	G	35	G	0.25	04.3	
01	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*		4	07			06.0					G	34	G	0.30	04.3	
01	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*		4	07			02.0					G	34	G	0.45	04.8	
01	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*		4	07			04.0					G	34	G	0.50	04.8	
01	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*		4	07			06.0					G	35	G	0.50	04.8	
01	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*		4	04			00.0	C	21.96	C	12.59		*		*	*	
01	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*		4	04			02.0	C	22.02	C	12.90	G	34	G	0.55	05.3	
01	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*		4	04			04.0	C	22.08	C	14.00	G	34	G	0.50	05.3	
01	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*		4	04			06.0					G	35	G	0.45	05.3	
01	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*		4	04			02.0					G	34	G	0.65	05.8	
01	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*		4	04			04.0					G	35	G	0.50	05.8	
01	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*		4	04			06.0					G	34	G	0.45	05.8	
01	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			*			00.0	C	21.88	C	13.77		*		*	*	
01	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			*			02.0	C	21.90	C	13.95	G	34	G	0.65	06.3	
01	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			*			04.0	C	21.94	C	14.18	G	34	G	0.55	06.3	
01	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			*			06.0					G	34	G	0.45	06.3	
01	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			*			02.0					G	34	G	0.55	06.8	
01	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			*			04.0					G	35	G	0.45	06.8	
01	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			*			06.0					G	34	G	0.35	06.8	
01	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*		4	07			00.0	C	21.88	C	14.17		*		*	*	
01	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*		4	07			02.0	C	21.90	C	14.49	G	33	G	0.50	07.3	
01	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*		4	07			04.0	C	21.92	C	14.58	G	34	G	0.40	07.3	
01	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*		4	07			06.0					G	34	G	0.35	07.3	
01	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*		4	07			02.0					G	33	G	0.40	07.8	
01	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*		4	07			04.0					G	34	G	0.30	07.8	
01	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*		4	07			06.0					G	33	G	0.30	07.8	
01	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*		4	07			00.0	C	21.90	C	15.18		*		*	*	
01	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*		4	07			02.0	C	21.94	C	15.17	G	33	G	0.30	08.3	
01	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*		4	07			04.0	C	21.94	C	15.19	G	33	G	0.25	08.3	
01	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*		4	07			06.0					G	34	G	0.15	08.3	
01	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*		4	07			02.0					G	31	G	0.10	08.8	
01	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*		4	07			04.0					G	33	G	0.05	08.8	
01	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*		4	07			06.0					G	00	G	0.00	08.8	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.		
01	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*		4	05			00.0	C	21.82	C	15.36		*		*	*		
01	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*		4	05			02.0	C	21.84	C	15.36	G	00	G	0.00	09.3		
01	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*		4	05			04.0	C	21.84	C	15.37	G	00	G	0.00	09.3		
01	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*		4	05			06.0					G	00	G	0.00	09.3		
01	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*		4	05			02.0					G	15	G	0.10	09.8		
01	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*		4	05			04.0					G	14	G	0.10	09.8		
01	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*		4	05			06.0					G	19	G	0.10	09.8		
01	10	64	10.0	PA	0014	37	06.6	76	37.9	6		*		4	05			00.0	C	21.56	C	13.76		*		*	*		
01	10	64	10.0	PA	0014	37	06.6	76	37.9	6		*		4	05			02.0	C	21.72	C	15.08	G	14	G	0.35	10.3		
01	10	64	10.0	PA	0014	37	06.6	76	37.9	6		*		4	05			04.0	C	21.72	C	15.31	G	16	G	0.20	10.3		
01	10	64	10.0	PA	0014	37	06.6	76	37.9	6		*		4	05			06.0					G	14	G	0.15	10.3		
01	10	64	10.0	PA	0014	37	06.6	76	37.9	6		*		4	05			02.0					G	14	G	0.40	10.8		
01	10	64	10.0	PA	0014	37	06.6	76	37.9	6		*		4	05			04.0					G	15	G	0.30	10.8		
01	10	64	10.0	PA	0014	37	06.6	76	37.9	6		*		4	05			06.0					G	12	G	0.25	10.8		
01	10	64	11.0	PA	0014	37	06.6	76	37.9	6		*		4	05			00.0	C	21.66	C	13.67		*		*	*		
01	10	64	11.0	PA	0014	37	06.6	76	37.9	6		*		4	05			02.0	C	21.72	C	13.89	G	13	G	0.40	11.3		
01	10	64	11.0	PA	0014	37	06.6	76	37.9	6		*		4	05			04.0	C	21.76	C	14.35	G	13	G	0.35	11.3		
01	10	64	11.0	PA	0014	37	06.6	76	37.9	6		*		4	05			06.0					G	14	G	0.25	11.3		
01	10	64	11.0	PA	0014	37	06.6	76	37.9	6		*		4	05			02.0					G	13	G	0.40	11.8		
01	10	64	11.0	PA	0014	37	06.6	76	37.9	6		*		4	05			04.0					G	15	G	0.35	11.8		
01	10	64	11.0	PA	0014	37	06.6	76	37.9	6		*		4	05			06.0					G	14	G	0.25	11.8		
01	10	64	12.0	PA	0014	37	06.6	76	37.9	6		*		4	05			00.0	C	21.76	C	13.59		*		*	*		
01	10	64	12.0	PA	0014	37	06.6	76	37.9	6		*		4	05			02.0	C	21.78	C	13.69	G	14	G	0.40	12.3		
01	10	64	12.0	PA	0014	37	06.6	76	37.9	6		*		4	05			04.0	C	21.78	C	13.71	G	13	G	0.40	12.3		
01	10	64	12.0	PA	0014	37	06.6	76	37.9	6		*		4	05			06.0					G	14	G	0.25	12.3		
01	10	64	12.0	PA	0014	37	06.6	76	37.9	6		*		4	05			02.0					G	13	G	0.40	12.8		
01	10	64	12.0	PA	0014	37	06.6	76	37.9	6		*		4	05			04.0					G	14	G	0.30	12.8		
01	10	64	12.0	PA	0014	37	06.6	76	37.9	6		*		4	05			06.0					G	14	G	0.25	12.8		
01	10	64	13.0	PA	0014	37	06.6	76	37.9	6		*		4	05			00.0	C	21.78	C	12.96		*		*	*		
01	10	64	13.0	PA	0014	37	06.6	76	37.9	6		*		4	05			02.0	C	21.80	C	12.99	G	13	G	0.40	13.3		
01	10	64	13.0	PA	0014	37	06.6	76	37.9	6		*		4	05			04.0	C	21.82	C	13.07	G	14	G	0.30	13.3		
01	10	64	13.0	PA	0014	37	06.6	76	37.9	6		*		4	05			06.0					G	14	G	0.25	13.3		
01	10	64	13.0	PA	0014	37	06.6	76	37.9	6		*		4	05			02.0					G	14	G	0.30	13.8		
01	10	64	13.0	PA	0014	37	06.6	76	37.9	6		*		4	05			04.0					G	15	G	0.25	13.8		
01	10	64	13.0	PA	0014	37	06.6	76	37.9	6		*		4	05			06.0					G	15	G	0.20	13.8		
01	10	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	04			00.0	C	21.76	C	12.51		*		*	*		
01	10	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	04			02.0	C	21.78	C	12.66	G	13	G	0.20	14.3		
01	10	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	04			04.0	C	21.80	C	12.83	G	13	G	0.15	14.3		
01	10	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	04			06.0					G	14	G	0.15	14.3		
01	10	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	04			02.0					G	12	G	0.15	14.8		
01	10	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	04			04.0					G	19	G	0.10	14.8		
01	10	64	14.0	PA	0014	37	06.6	76	37.9	6		*		4	04			06.0					G	00	G	0.00	14.8		
01	10	64	15.0	PA	0014	37	06.6	76	37.9	6		*		4	03			00.0	C	21.80	C	12.67		*		*	*		
01	10	64	15.0	PA	0014	37	06.6	76	37.9	6		*		4	03			02.0	C	21.80	C	12.67	G	00	G	0.00	15.3		
01	10	64	15.0	PA	0014	37	06.6	76	37.9	6		*		4	03			04.0	C	21.80	C	12.71	G	00	G	0.00	15.3		
01	10	64	15.0	PA	0014	37	06.6	76	37.9	6		*		4	03			06.0					G	00	G	0.00	15.3		
01	10	64	15.0	PA	0014	37	06.6	76	37.9	6		*		4	03			02.0					G	00	G	0.00	15.8		
01	10	64	15.0	PA	0014	37	06.6	76	37.9	6		*		4	03			04.0					G	34	G	0.05	15.8		
01	10	64	15.0	PA	0014	37	06.6	76	37.9	6		*		4	03			06.0					G	32	G	0.15	15.8		
01	10	64	16.0	PA	0014	37	06.6	76	37.9	5		*		4	04			00.0	C	21.76	C	12.59		*		*	*		
01	10	64	16.0	PA	0014	37	06.6	76	37.9	5		*		4	04			02.0	C	21.78	C	12.59	G	32	G	0.25	16.3		
01	10	64	16.0	PA	0014	37	06.6	76	37.9	5		*		4	04			04.0	C	21.84	C	13.05	G	34	G	0.25	16.3		
01	10	64	16.0	PA	0014	37	06.6	76	37.9	5		*		4	04			06.0					G	34	G	0.25	16.3		
01	10	64	16.0	PA	0014	37	06.6	76	37.9	5		*		4	04			02.0					G	33	G	0.50	16.8		
01	10	64	16.0	PA	0014	37	06.6	76	37.9	5		*		4	04			04.0					G	34	G	0.45	16.8		
01	10	64	16.0	PA	0014	37	06.6	76	37.9	5		*		4	04			06.0					G	34	G	0.40	16.8		
01	10	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	01			00.0	C	21.72	C	12.97		*		*	*		
01	10	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	01			02.0	C	21.74	C	12.98	G	34	G	0.55	17.3		
01	10	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	01			04.0	C	21.78	C	13.55	G	32	G	0.55	17.3		
01	10	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	01			06.0					G	34	G	0.55	17.3		
01	10	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	01			02.0					G	34	G	0.70	17.8		
01	10	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	01			04.0					G	32	G	0.60	17.8		
01	10	64	17.0	PA	0014	37	06.6	76	37.9	6		*		4	01			06.0					G	34	G	0.55	17.8		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
01	10	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	02			00.0	C	21.62	C	13.76		*		*	*		
01	10	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0	C	21.62	C	13.90	G	34	G	0.70	18.3		
01	10	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0	C	21.62	C	14.20	G	33	G	0.55	18.3		
01	10	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	34	G	0.50	18.3		
01	10	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0					G	34	G	0.65	18.8		
01	10	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0					G	34	G	0.55	18.8		
01	10	64	18.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	35	G	0.40	18.8		
01	10	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	01			00.0	C	21.64	C	14.87		*		*	*		
01	10	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	01			02.0	C	21.66	C	15.00	G	34	G	0.60	19.3		
01	10	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	01			04.0	C	21.66	C	15.04	G	33	G	0.55	19.3		
01	10	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	01			06.0					G	35	G	0.50	19.3		
01	10	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	01			02.0					G	33	G	0.55	19.8		
01	10	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	01			04.0					G	34	G	0.45	19.8		
01	10	64	19.0	PA	0014	37	06.6	76	37.9	6		*		4	01			06.0					G	35	G	0.45	19.8		
01	10	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	02			00.0	C	21.62	C	15.72		*		*	*		
01	10	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0	C	21.62	C	15.80	G	32	G	0.45	20.3		
01	10	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0	C	21.62	C	15.80	G	34	G	0.35	20.3		
01	10	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	35	G	0.35	20.3		
01	10	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0					G	34	G	0.25	20.8		
01	10	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0					G	32	G	0.20	20.8		
01	10	64	20.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	33	G	0.15	20.8		
01	10	64	21.0	PA	0014	37	06.6	76	37.9	6		*		4	01			00.0	C	21.54	C	16.10		*		*	*		
01	10	64	21.0	PA	0014	37	06.6	76	37.9	6		*		4	01			02.0	C	21.54	C	18.00	G	32	G	0.15	21.3		
01	10	64	21.0	PA	0014	37	06.6	76	37.9	6		*		4	01			04.0	C	21.56	C	18.00	G	35	G	0.05	21.3		
01	10	64	21.0	PA	0014	37	06.6	76	37.9	6		*		4	01			06.0					G	35	G	0.10	21.3		
01	10	64	21.0	PA	0014	37	06.6	76	37.9	6		*		4	01			02.0					G	00	G	0.00	21.8		
01	10	64	21.0	PA	0014	37	06.6	76	37.9	6		*		4	01			04.0					G	00	G	0.00	21.8		
01	10	64	21.0	PA	0014	37	06.6	76	37.9	6		*		4	01			06.0					G	00	G	0.00	21.8		
01	10	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			00.0	C	21.52	C	16.28		*		*	*		
01	10	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0	C	21.52	C	16.28	G	00	G	0.00	22.3		
01	10	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0	C	21.52	C	16.31	G	00	G	0.00	22.3		
01	10	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	16	G	0.05	22.3		
01	10	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			02.0					G	13	G	0.35	22.8		
01	10	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			04.0					G	17	G	0.15	22.8		
01	10	64	22.0	PA	0014	37	06.6	76	37.9	6		*		4	02			06.0					G	16	G	0.10	22.8		
01	10	64	23.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0	C	21.30	C	13.63		*		*	*		
01	10	64	23.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0	C	21.34	C	14.33	G	13	G	0.45	23.3		
01	10	64	23.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0	C	21.50	C	15.96	G	14	G	0.35	23.3		
01	10	64	23.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	12	G	0.25	23.3		
01	10	64	23.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0					G	14	G	0.45	23.8		
01	10	64	23.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0					G	14	G	0.35	23.8		
01	10	64	23.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	14	G	0.30	23.8		
02	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0	C	21.48	C	14.26		*		*	*		
02	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0	C	21.48	C	14.60	G	14	G	0.40	00.3		
02	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0	C	21.48	C	14.73	G	15	G	0.35	00.3		
02	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	15	G	0.25	00.3		
02	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0					G	15	G	0.50	00.8		
02	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0					G	16	G	0.40	00.8		
02	10	64	00.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	14	G	0.35	00.8		
02	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0	C	21.54	C	13.72		*		*	*		
02	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0	C	21.56	C	13.80	G	14	G	0.60	01.3		
02	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0	C	21.56	C	13.87	G	15	G	0.50	01.3		
02	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	14	G	0.45	01.3		
02	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0					G	15	G	0.60	01.8		
02	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0					G	16	G	0.45	01.8		
02	10	64	01.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	14	G	0.40	01.8		
02	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0	C	21.60	C	13.34		*		*	*		
02	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0	C	21.60	C	13.40	G	14	G	0.50	02.3		
02	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0	C	21.60	C	13.43	G	16	G	0.40	02.3		
02	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	15	G	0.35	02.3		
02	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0					G	14	G	0.40	02.8		
02	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0					G	16	G	0.35	02.8		
02	10	64	02.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	16	G	0.30	02.8		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)		
																							DIRXN		VELOCITY					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.				
02	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0	C	21.60	C	12.92		*		*	*		
02	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0	C	21.62	C	12.98	G	14	G	0.35	03.3		
02	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0	C	21.62	C	12.98	G	15	G	0.25	03.3		
02	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	15	G	0.20	03.3		
02	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0					G	14	G	0.15	03.8		
02	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0					G	16	G	0.15	03.8		
02	10	64	03.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	17	G	0.15	03.8		
02	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0	C	19.80	C	14.63		*		*	*		
02	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0	C	19.89	C	14.60	G	00	G	0.00	04.3		
02	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0	C	20.02	C	14.55	G	14	G	0.05	04.3		
02	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	00	G	0.00	04.3		
02	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0					G	35	G	0.10	04.8		
02	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0					G	32	G	0.10	04.8		
02	10	64	04.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	34	G	0.10	04.8		
02	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0	C	21.60	C	12.74		*		*	*		
02	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0	C	21.62	C	12.84	G	34	G	0.25	05.3		
02	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0	C	21.62	C	13.26	G	32	G	0.30	05.3		
02	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	34	G	0.25	05.3		
02	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0					G	34	G	0.40	05.8		
02	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0					G	31	G	0.50	05.8		
02	10	64	05.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	34	G	0.45	05.8		
02	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0	C	21.58	C	12.98		*		*	*		
02	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0	C	21.58	C	13.28	G	34	G	0.50	06.3		
02	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0	C	21.56	C	13.87	G	32	G	0.55	06.3		
02	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	34	G	0.50	06.3		
02	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0					G	33	G	0.55	06.8		
02	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0					G	33	G	0.60	06.8		
02	10	64	06.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	34	G	0.50	06.8		
02	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0	C	21.56	C	13.37		*		*	*		
02	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0	C	21.54	C	13.89	G	33	G	0.60	07.3		
02	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0	C	21.52	C	14.16	G	33	G	0.60	07.3		
02	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	34	G	0.50	07.3		
02	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0					G	35	G	0.55	07.8		
02	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0					G	33	G	0.50	07.8		
02	10	64	07.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	34	G	0.40	07.8		
02	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0	C	21.56	C	13.97		*		*	*		
02	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0	C	21.50	C	14.31	G	32	G	0.40	08.3		
02	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0	C	21.50	C	14.41	G	32	G	0.40	08.3		
02	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	34	G	0.35	08.3		
02	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0					G	33	G	0.30	08.8		
02	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0					G	32	G	0.25	08.8		
02	10	64	08.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	33	G	0.20	08.8		
02	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*			00			00.0	C	21.68	C	14.42		*		*	*		
02	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0	C	21.54	C	14.61	G	32	G	0.15	09.3		
02	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0	C	21.52	C	14.71	G	32	G	0.15	09.3		
02	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	34	G	0.05	09.3		
02	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*			00			02.0					G	00	G	0.00	09.8		
02	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*			00			04.0					G	00	G	0.00	09.8		
02	10	64	09.0	PA	0014	37	06.6	76	37.9	6		*			00			06.0					G	00	G	0.00	09.8		
02	10	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		18	04			00.0	C	21.80	C	14.64		*		*	*		
02	10	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		18	04			02.0	C	21.54	C	14.73	G	13	G	0.05	10.3		
02	10	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		18	04			04.0	C	21.52	C	14.84	G	15	G	0.05	10.3		
02	10	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		18	04			06.0					G	15	G	0.10	10.3		
02	10	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		18	04			02.0					G	12	G	0.25	10.8		
02	10	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		18	04			04.0					G	16	G	0.20	10.8		
02	10	64	10.0	PA	0014	37	06.6	76	37.9	*6		*		18	04			06.0					G	16	G	0.25	10.8		
02	10	64	11.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			00.0	C	21.78	C	13.29		*		*	*		
02	10	64	11.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			02.0	C	21.58	C	13.92	G	13	G	0.35	11.3		
02	10	64	11.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			04.0	C	21.62	C	14.59	G	15	G	0.40	11.3		
02	10	64	11.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			06.0					G	13	G	0.30	11.3		
02	10	64	11.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			02.0					G	12	G	0.35	11.8		
02	10	64	11.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			04.0					G	14	G	0.30	11.8		
02	10	64	11.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			06.0					G	16	G	0.30	11.8		

DATE DAY	DATE MONTH	DATE YEAR	STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH DEGREES	LATITUDE NORTH MIN. & TENTHS	LONGITUDE WEST DEGREES	LONGITUDE WEST MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND DIRECTION CODE	WIND VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE INSTR.	WATER TEMPERATURE °C	SALINITY INSTR.	SALINITY ‰	CURRENT DIRXN INSTR.	CURRENT DIRXN CODE	CURRENT VELOCITY INSTR.	CURRENT VELOCITY M/SEC.	SAMPLE TIME (E.S.T.)
02	10	64	12.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		00.0	C	21.64	C	13.54		*		*	*
02	10	64	12.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		02.0	C	21.58	C	13.66	G	13	G	0.40	12.3
02	10	64	12.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		04.0	C	21.58	C	13.68	G	15	G	0.40	12.3
02	10	64	12.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		06.0					G	14	G	0.40	12.3
02	10	64	12.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		02.0					G	14	G	0.55	12.8
02	10	64	12.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		04.0					G	15	G	0.50	12.8
02	10	64	12.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		06.0					G	14	G	0.40	12.8
02	10	64	13.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		00.0	C	21.68	C	13.32		*		*	*
02	10	64	13.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		02.0	C	21.66	C	13.36	G	13	G	0.55	13.3
02	10	64	13.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		04.0	C	21.64	C	13.40	G	15	G	0.50	13.3
02	10	64	13.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		06.0					G	14	G	0.40	13.3
02	10	64	13.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		02.0					G	13	G	0.50	13.8
02	10	64	13.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		04.0					G	15	G	0.45	13.8
02	10	64	13.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		06.0					G	14	G	0.40	13.8
02	10	64	14.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		00.0	C	21.78	C	12.76		*		*	*
02	10	64	14.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		02.0	C	21.76	C	12.80	G	14	G	0.40	14.3
02	10	64	14.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		04.0	C	21.74	C	12.84	G	15	G	0.30	14.3
02	10	64	14.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		06.0					G	14	G	0.35	14.3
02	10	64	14.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		02.0					G	13	G	0.30	14.8
02	10	64	14.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		04.0					G	15	G	0.30	14.8
02	10	64	14.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		06.0					G	17	G	0.35	14.8
02	10	64	15.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		00.0	C	21.90	C	12.30		*		*	*
02	10	64	15.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		02.0	C	21.88	C	12.32	G	12	G	0.15	15.3
02	10	64	15.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		04.0	C	21.88	C	12.34	G	16	G	0.10	15.3
02	10	64	15.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		06.0					G	16	G	0.20	15.3
02	10	64	15.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		02.0					G	11	G	0.10	15.8
02	10	64	15.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		04.0					G	11	G	0.05	15.8
02	10	64	15.0	PA	0014	37	06.6	76	37.9	*6	*		18	02		06.0					G	15	G	0.10	15.8
02	10	64	16.0	PA	0014	37	06.6	76	37.9	*6	*		22	02		00.0	C	21.96	C	12.04		*		*	*
02	10	64	16.0	PA	0014	37	06.6	76	37.9	*6	*		22	02		02.0	C	21.92	C	12.12	G	00	G	0.00	16.3
02	10	64	16.0	PA	0014	37	06.6	76	37.9	*6	*		22	02		04.0	C	21.76	C	12.61	G	00	G	0.00	16.3
02	10	64	16.0	PA	0014	37	06.6	76	37.9	*6	*		22	02		06.0					G	29	G	0.10	16.3
02	10	64	16.0	PA	0014	37	06.6	76	37.9	*6	*		22	02		02.0					G	36	G	0.05	16.8
02	10	64	16.0	PA	0014	37	06.6	76	37.9	*6	*		22	02		04.0					G	33	G	0.15	16.8
02	10	64	16.0	PA	0014	37	06.6	76	37.9	*6	*		22	02		06.0					G	33	G	0.25	16.8
02	10	64	17.0	PA	0014	37	06.6	76	37.9	6	*			00		00.0	C	22.04	C	11.76		*		*	*
02	10	64	17.0	PA	0014	37	06.6	76	37.9	6	*			00		02.0	C	21.92	C	12.20	G	34	G	0.35	17.3
02	10	64	17.0	PA	0014	37	06.6	76	37.9	6	*			00		04.0	C	21.84	C	12.44	G	33	G	0.40	17.3
02	10	64	17.0	PA	0014	37	06.6	76	37.9	6	*			00		06.0					G	34	G	0.35	17.3
02	10	64	17.0	PA	0014	37	06.6	76	37.9	6	*			00		02.0					G	33	G	0.50	17.8
02	10	64	17.0	PA	0014	37	06.6	76	37.9	6	*			00		04.0					G	33	G	0.50	17.8
02	10	64	17.0	PA	0014	37	06.6	76	37.9	6	*			00		06.0					G	34	G	0.40	17.8
02	10	64	18.0	PA	0014	37	06.6	76	37.9	6	*			00		00.0	C	21.86	C	12.49		*		*	*
02	10	64	18.0	PA	0014	37	06.6	76	37.9	6	*			00		02.0	C	21.76	C	12.88	G	33	G	0.60	18.3
02	10	64	18.0	PA	0014	37	06.6	76	37.9	6	*			00		04.0	C	21.76	C	12.92	G	34	G	0.55	18.3
02	10	64	18.0	PA	0014	37	06.6	76	37.9	6	*			00		06.0					G	34	G	0.50	18.3
02	10	64	18.0	PA	0014	37	06.6	76	37.9	6	*			00		02.0					G	33	G	0.65	18.8
02	10	64	18.0	PA	0014	37	06.6	76	37.9	6	*			00		04.0					G	33	G	0.60	18.8
02	10	64	18.0	PA	0014	37	06.6	76	37.9	6	*			00		06.0					G	35	G	0.50	18.8
02	10	64	19.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		00.0	C	21.74	C	13.29		*		*	*
02	10	64	19.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		02.0	C	21.74	C	13.31	G	33	G	0.65	19.3
02	10	64	19.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		04.0	C	21.74	C	13.33	G	33	G	0.65	19.3
02	10	64	19.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		06.0					G	35	G	0.55	19.3
02	10	64	19.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		02.0					G	33	G	0.65	19.8
02	10	64	19.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		04.0					G	32	G	0.65	19.8
02	10	64	19.0	PA	0014	37	06.6	76	37.9	*6	*		18	01		06.0					G	35	G	0.55	19.8
02	10	64	20.0	PA	0014	37	06.6	76	37.9	*6	*		18	04		00.0	C	21.72	C	13.85		*		*	*
02	10	64	20.0	PA	0014	37	06.6	76	37.9	*6	*		18	04		02.0	C	21.72	C	13.90	G	33	G	0.55	20.3
02	10	64	20.0	PA	0014	37	06.6	76	37.9	*6	*		18	04		04.0	C	21.72	C	13.93	G	34	G	0.55	20.3
02	10	64	20.0	PA	0014	37	06.6	76	37.9	*6	*		18	04		06.0					G	35	G	0.45	20.3
02	10	64	20.0	PA	0014	37	06.6	76	37.9	*6	*		18	04		02.0					G	33	G	0.45	20.8
02	10	64	20.0	PA	0014	37	06.6	76	37.9	*6	*		18	04		04.0					G	33	G	0.50	20.8
02	10	64	20.0	PA	0014	37	06.6	76	37.9	*6	*		18	04		06.0					G	34	G	0.45	20.8

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
02	10	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			00.0	C	21.74	C	14.40		*		*	*		
02	10	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			02.0	C	21.74	C	14.62	G	33	G	0.35	21.3		
02	10	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			04.0	C	21.74	C	14.67	G	33	G	0.35	21.3		
02	10	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			06.0					G	34	G	0.30	21.3		
02	10	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			02.0					G	33	G	0.25	21.8		
02	10	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			04.0					G	32	G	0.20	21.8		
02	10	64	21.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			06.0					G	33	G	0.15	21.8		
02	10	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			00.0	C	21.78	C	14.79		*		*	*		
02	10	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			02.0	C	21.78	C	15.03	G	33	G	0.10	22.3		
02	10	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			04.0	C	21.78	C	15.07	G	33	G	0.05	22.3		
02	10	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			06.0					G	00	G	0.00	22.3		
02	10	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			02.0					G	00	G	0.00	22.8		
02	10	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			04.0					G	00	G	0.00	22.8		
02	10	64	22.0	PA	0014	37	06.6	76	37.9	*6		*		18	02			06.0					G	18	G	0.05	22.8		
02	10	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			00.0	C	21.78	C	13.91		*		*	*		
02	10	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			02.0	C	21.76	C	14.70	G	15	G	0.15	23.3		
02	10	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			04.0	C	21.80	C	15.06	G	17	G	0.10	23.3		
02	10	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			06.0					G	17	G	0.15	23.3		
02	10	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			02.0					G	14	G	0.40	23.8		
02	10	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			04.0					G	15	G	0.30	23.8		
02	10	64	23.0	PA	0014	37	06.6	76	37.9	*6		*		18	01			06.0					G	14	G	0.25	23.8		
03	10	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			00.0	C	21.82	C	13.49		*		*	*		
03	10	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			02.0	C	21.82	C	13.61	G	14	G	0.40	00.3		
03	10	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			04.0	C	21.78	C	13.64	G	16	G	0.30	00.3		
03	10	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			06.0					G	15	G	0.30	00.3		
03	10	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			02.0					G	14	G	0.45	00.8		
03	10	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			04.0					G	15	G	0.40	00.8		
03	10	64	00.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			06.0					G	13	G	0.35	00.8		
03	10	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			00.0	C	21.82	C	13.45		*		*	*		
03	10	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			02.0	C	21.80	C	13.53	G	14	G	0.50	01.3		
03	10	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			04.0	C	21.80	C	13.55	G	15	G	0.40	01.3		
03	10	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			06.0					G	15	G	0.40	01.3		
03	10	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			02.0					G	14	G	0.60	01.8		
03	10	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			04.0					G	15	G	0.55	01.8		
03	10	64	01.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			06.0					G	14	G	0.45	01.8		
03	10	64	02.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			00.0	C	21.85	C	12.73		*		*	*		
03	10	64	02.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			02.0	C	21.85	C	12.73	G	14	G	0.45	02.3		
03	10	64	02.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			04.0	C	21.84	C	12.78	G	16	G	0.40	02.3		
03	10	64	02.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			06.0					G	14	G	0.35	02.3		
03	10	64	02.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			02.0					G	14	G	0.60	02.8		
03	10	64	02.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			04.0					G	15	G	0.55	02.8		
03	10	64	02.0	PA	0014	37	06.6	76	37.9	*6		*		22	02			06.0					G	15	G	0.45	02.8		
03	10	64	03.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			00.0	C	21.86	C	12.28		*		*	*		
03	10	64	03.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			02.0	C	21.86	C	12.28	G	14	G	0.45	03.3		
03	10	64	03.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			04.0	C	21.87	C	12.29	G	15	G	0.40	03.3		
03	10	64	03.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			06.0					G	15	G	0.30	03.3		
03	10	64	03.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			02.0					G	14	G	0.45	03.8		
03	10	64	03.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			04.0					G	18	G	0.40	03.8		
03	10	64	03.0	PA	0014	37	06.6	76	37.9	*6		*		22	07			06.0					G	15	G	0.35	03.8		
03	10	64	04.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			00.0	C	21.86	C	11.96		*		*	*		
03	10	64	04.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			02.0	C	21.86	C	11.97	G	14	G	0.30	04.3		
03	10	64	04.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			04.0	C	21.86	C	11.99	G	17	G	0.25	04.3		
03	10	64	04.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			06.0					G	14	G	0.30	04.3		
03	10	64	04.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			02.0					G	14	G	0.15	04.8		
03	10	64	04.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			04.0					G	18	G	0.05	04.8		
03	10	64	04.0	PA	0014	37	06.6	76	37.9	*6		*		22	04			06.0					G	00	G	0.00	04.8		
03	10	64	05.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			00.0	C	21.84	C	12.00		*		*	*		
03	10	64	05.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			02.0	C	21.86	C	12.04	G	00	G	0.00	05.3		
03	10	64	05.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			04.0	C	21.86	C	12.07	G	00	G	0.00	05.3		
03	10	64	05.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			06.0					G	34	G	0.05	05.3		
03	10	64	05.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			02.0					G	00	G	0.00	05.8		
03	10	64	05.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			04.0					G	34	G	0.10	05.8		
03	10	64	05.0	PA	0014	37	06.6	76	37.9	*6		*		36	07			06.0					G	34	G	0.15	05.8		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
03	10	64	06.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			00.0	C	21.78	C	12.04		*		*	*		
03	10	64	06.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			02.0	C	21.82	C	12.07	G	35	G	0.20	06.3		
03	10	64	06.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			04.0	C	21.80	C	12.11	G	34	G	0.25	06.3		
03	10	64	06.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			06.0					G	34	G	0.25	06.3		
03	10	64	06.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			02.0					G	32	G	0.40	06.8		
03	10	64	06.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			04.0					G	34	G	0.35	06.8		
03	10	64	06.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			06.0					G	34	G	0.30	06.8		
03	10	64	07.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			00.0	C	21.74	C	12.46		*		*	*		
03	10	64	07.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			02.0	C	21.74	C	12.47	G	32	G	0.50	07.3		
03	10	64	07.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			04.0	C	21.80	C	12.58	G	35	G	0.50	07.3		
03	10	64	07.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			06.0					G	34	G	0.40	07.3		
03	10	64	07.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			02.0					G	34	G	0.60	07.8		
03	10	64	07.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			04.0					G	35	G	0.55	07.8		
03	10	64	07.0	PA	0014	37	06.6	76	37.8	*6		*		36	07			06.0					G	35	G	0.55	07.8		
03	10	64	08.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			00.0	C	21.68	C	12.82		*		*	*		
03	10	64	08.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			02.0	C	21.70	C	12.90	G	33	G	0.60	08.3		
03	10	64	08.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			04.0	C	21.72	C	12.95	G	35	G	0.60	08.3		
03	10	64	08.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			06.0					G	34	G	0.55	08.3		
03	10	64	08.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			02.0					G	33	G	0.60	08.8		
03	10	64	08.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			04.0					G	34	G	0.60	08.8		
03	10	64	08.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			06.0					G	34	G	0.50	08.8		
03	10	64	09.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			00.0	C	21.64	C	13.43		*		*	*		
03	10	64	09.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			02.0	C	21.66	C	13.60	G	33	G	0.55	09.3		
03	10	64	09.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			04.0	C	21.68	C	14.02	G	35	G	0.45	09.3		
03	10	64	09.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			06.0					G	34	G	0.35	09.3		
03	10	64	09.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			02.0					G	33	G	0.40	09.8		
03	10	64	09.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			04.0					G	34	G	0.40	09.8		
03	10	64	09.0	PA	0014	37	06.6	76	37.8	*6		*		32	04			06.0					G	32	G	0.30	09.8		
03	10	64	10.0	PA	0014	37	06.6	76	37.8	*6		*		36	02			00.0	C	21.66	C	14.02		*		*	*		
03	10	64	10.0	PA	0014	37	06.6	76	37.8	*6		*		36	02			02.0	C	21.65	C	14.35	G	33	G	0.35	10.3		
03	10	64	10.0	PA	0014	37	06.6	76	37.8	*6		*		36	02			04.0	C	21.64	C	14.78	G	34	G	0.25	10.3		
03	10	64	10.0	PA	0014	37	06.6	76	37.8	*6		*		36	02			06.0					G	34	G	0.20	10.3		
03	10	64	10.0	PA	0014	37	06.6	76	37.8	*6		*		36	02			02.0					G	33	G	0.15	10.8		
03	10	64	10.0	PA	0014	37	06.6	76	37.8	*6		*		36	02			04.0					G	34	G	0.10	10.8		
03	10	64	10.0	PA	0014	37	06.6	76	37.8	*6		*		36	02			06.0					G	00	G	0.00	10.8		
03	10	64	11.0	PA	0014	37	06.6	76	37.8	6		*		4	04			00.0	C	21.73	C	14.17		*		*	*		
03	10	64	11.0	PA	0014	37	06.6	76	37.8	6		*		4	04			02.0	C	21.70	C	14.30	G	00	G	0.00	11.3		
03	10	64	11.0	PA	0014	37	06.6	76	37.8	6		*		4	04			04.0	C	21.67	C	14.79	G	00	G	0.00	11.3		
03	10	64	11.0	PA	0014	37	06.6	76	37.8	6		*		4	04			06.0					G	00	G	0.00	11.3		
03	10	64	11.0	PA	0014	37	06.6	76	37.8	6		*		4	04			02.0					G	13	G	0.05	11.8		
03	10	64	11.0	PA	0014	37	06.6	76	37.8	6		*		4	04			04.0					G	16	G	0.15	11.8		
03	10	64	11.0	PA	0014	37	06.6	76	37.8	6		*		4	04			06.0					G	15	G	0.15	11.8		
03	10	64	12.0	PA	0014	37	06.6	76	37.8	6		*		4	01			02.0					G	14	G	0.40	12.3		
03	10	64	12.0	PA	0014	37	06.6	76	37.8	6		*		4	01			04.0					G	15	G	0.35	12.3		
03	10	64	12.0	PA	0014	37	06.6	76	37.8	6		*		4	01			06.0					G	13	G	0.20	12.3		
03	10	64	12.0	PA	0014	37	06.6	76	37.8	6		*		4	01			02.0					G	14	G	0.40	12.8		
03	10	64	12.0	PA	0014	37	06.6	76	37.8	6		*		4	01			04.0					G	14	G	0.30	12.8		
03	10	64	12.0	PA	0014	37	06.6	76	37.8	6		*		4	01			06.0					G	14	G	0.20	12.8		
03	10	64	13.0	PA	0014	37	06.6	76	37.8	*6		*		36	03			02.0					G	13	G	0.45	13.3		
03	10	64	13.0	PA	0014	37	06.6	76	37.8	*6		*		36	03			04.0					G	15	G	0.30	13.3		
03	10	64	13.0	PA	0014	37	06.6	76	37.8	*6		*		36	03			06.0					G	13	G	0.25	13.3		
03	10	64	13.0	PA	0014	37	06.6	76	37.8	*6		*		36	03			02.0					G	15	G	0.45	13.8		
03	10	64	13.0	PA	0014	37	06.6	76	37.8	*6		*		36	03			04.0					G	14	G	0.45	13.8		
03	10	64	13.0	PA	0014	37	06.6	76	37.8	*6		*		36	03			06.0					G	14	G	0.40	13.8		
03	10	64	14.0	PA	0014	37	06.6	76	37.8	*6		*		36	01			02.0					G	15	G	0.50	14.3		
03	10	64	14.0	PA	0014	37	06.6	76	37.8	*6		*		36	01			04.0					G	15	G	0.45	14.3		
03	10	64	14.0	PA	0014	37	06.6	76	37.8	*6		*		36	01			06.0					G	14	G	0.40	14.3		
03	10	64	14.0	PA	0014	37	06.6	76	37.8	*6		*		36	01			02.0					G	14	G	0.50	14.8		
03	10	64	14.0	PA	0014	37	06.6	76	37.8	*6		*		36	01			04.0					G	16	G	0.45	14.8		
03	10	64	14.0	PA	0014	37	06.6	76	37.8	*6		*		36	01			06.0					G	14	G	0.40	14.8		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		CURRENT				SAMPLE TIME (E.S.T.)	
																							DIRXN		VELOCITY				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	INSTR.	CODE	INSTR.	M/SEC.			
03	10	64	15.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			02.0					G	14	G	0.45	15.3		
03	10	64	15.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			04.0					G	16	G	0.40	15.3		
03	10	64	15.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			06.0					G	14	G	0.30	15.3		
03	10	64	15.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			02.0					G	15	G	0.45	15.8		
03	10	64	15.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			04.0					G	16	G	0.35	15.8		
03	10	64	15.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			06.0					G	15	G	0.30	15.8		
03	10	64	16.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			02.0					G	14	G	0.20	16.3		
03	10	64	16.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			04.0					G	16	G	0.10	16.3		
03	10	64	16.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			06.0					G	16	G	0.15	16.3		
03	10	64	16.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			02.0					G	00	G	0.00	16.8		
03	10	64	16.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			04.0					G	00	G	0.00	16.8		
03	10	64	16.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			06.0					G	16	G	0.05	16.8		
03	10	64	17.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			02.0					G	00	G	0.00	17.3		
03	10	64	17.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			04.0					G	00	G	0.00	17.3		
03	10	64	17.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			06.0					G	29	G	0.10	17.3		
03	10	64	17.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			02.0					G	33	G	0.10	17.8		
03	10	64	17.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			04.0					G	32	G	0.10	17.8		
03	10	64	17.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			06.0					G	34	G	0.20	17.8		
03	10	64	18.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			02.0					G	33	G	0.35	18.3		
03	10	64	18.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			04.0					G	32	G	0.40	18.3		
03	10	64	18.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			06.0					G	33	G	0.35	18.3		
03	10	64	18.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			02.0					G	32	G	0.50	18.8		
03	10	64	18.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			04.0					G	34	G	0.55	18.8		
03	10	64	18.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			06.0					G	34	G	0.50	18.8		
03	10	64	19.0	PA	0014	37	06.6	76	37.8	6		*			00			02.0					G	33	G	0.55	19.3		
03	10	64	19.0	PA	0014	37	06.6	76	37.8	6		*			00			04.0					G	34	G	0.60	19.3		
03	10	64	19.0	PA	0014	37	06.6	76	37.8	6		*			00			06.0					G	34	G	0.50	19.3		
03	10	64	19.0	PA	0014	37	06.6	76	37.8	6		*			00			02.0					G	34	G	0.65	19.8		
03	10	64	19.0	PA	0014	37	06.6	76	37.8	6		*			00			04.0					G	34	G	0.65	19.8		
03	10	64	19.0	PA	0014	37	06.6	76	37.8	6		*			00			06.0					G	34	G	0.55	19.8		
03	10	64	20.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			02.0					G	33	G	0.65	20.3		
03	10	64	20.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			04.0					G	34	G	0.55	20.3		
03	10	64	20.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			06.0					G	34	G	0.45	20.3		
03	10	64	20.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			02.0					G	33	G	0.60	20.8		
03	10	64	20.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			04.0					G	34	G	0.50	20.8		
03	10	64	20.0	PA	0014	37	06.6	76	37.8	*6		*		32	01			06.0					G	34	G	0.40	20.8		
03	10	64	21.0	PA	0014	37	06.6	76	37.8	6		*			00			02.0					G	34	G	0.50	21.3		
03	10	64	21.0	PA	0014	37	06.6	76	37.8	6		*			00			04.0					G	34	G	0.45	21.3		
03	10	64	21.0	PA	0014	37	06.6	76	37.8	6		*			00			06.0					G	34	G	0.45	21.3		
03	10	64	21.0	PA	0014	37	06.6	76	37.8	6		*			00			02.0					G	33	G	0.40	21.8		
03	10	64	21.0	PA	0014	37	06.6	76	37.8	6		*			00			04.0					G	34	G	0.40	21.8		
03	10	64	21.0	PA	0014	37	06.6	76	37.8	6		*			00			06.0					G	34	G	0.35	21.8		
03	10	64	22.0	PA	0014	37	06.6	76	37.8	6		*			00			02.0					G	32	G	0.25	22.3		
03	10	64	22.0	PA	0014	37	06.6	76	37.8	6		*			00			04.0					G	32	G	0.25	22.3		
03	10	64	22.0	PA	0014	37	06.6	76	37.8	6		*			00			06.0					G	34	G	0.20	22.3		
03	10	64	22.0	PA	0014	37	06.6	76	37.8	6		*			00			02.0					G	32	G	0.10	22.8		
03	10	64	22.0	PA	0014	37	06.6	76	37.8	6		*			00			04.0					G	33	G	0.05	22.8		
03	10	64	22.0	PA	0014	37	06.6	76	37.8	6		*			00			06.0					G	35	G	0.05	22.8		
03	10	64	23.0	PA	0014	37	06.6	76	37.8	6		*			00			02.0					G	00	G	0.00	*		
03	10	64	23.0	PA	0014	37	06.6	76	37.8	6		*			00			04.0					G	00	G	0.00	*		
03	10	64	23.0	PA	0014	37	06.6	76	37.8	6		*			00			06.0					G	00	G	0.00	*		
03	10	64	23.0	PA	0014	37	06.6	76	37.8	6		*			00			02.0					G	00	G	0.00	*		
03	10	64	23.0	PA	0014	37	06.6	76	37.8	6		*			00			04.0					G	00	G	0.00	*		
03	10	64	23.0	PA	0014	37	06.6	76	37.8	6		*			00			06.0					G	23	G	0.10	*		