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Oceanographic Data Collected in the Chesapeake Bight of the Virginian Sea from 1966 though 1969

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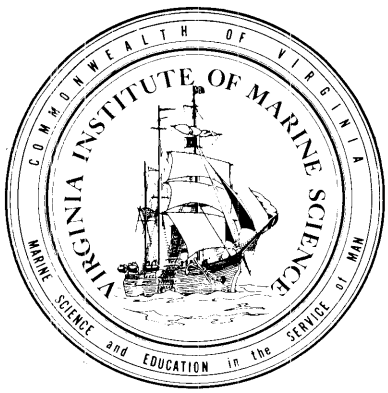

DATA REPORT NUMBER 8

VIRGINIA INSTITUTE of MARINE SCIENCE
Gloucester Point, Virginia 23062

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Director

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Introduction

Captain John Smith, Virginia's first resident marine explorer and cartographer, coined the term "Virginian Sea" for that portion of the North American continental shelf which is now called the Mid Atlantic Bight. The region is important to the Commonwealth of Virginia and her neighboring states because of its high productivity of finfish and shellfish. In particular, Chesapeake Bay and that portion of the Virginian Sea which is adjacent to the mouth of the Bay have been subjected to accelerating social and economic pressures thus creating a need and impetus for study in this estuary and contiguous continental shelf waters.

Certain physical, chemical, biological and geological factors are common to these geographically separable systems - the Chesapeake Bay and continental shelf. In the area of juxtaposition of the two systems, there is a continuum of these variables. The fundamental property of this continuum is water with its physical properties and chemical, biological and geological constituents. Indeed there is no abrupt change from estuarine to sea water at the mouth of an estuary for, in point of fact, continental shelf waters, particularly about the mouths of large estuaries, possess attributes similar to those of the estuary. Conversely, ocean waters do not terminate at the headlands but extend into the estuary.

Increasing stress on the Chesapeake Bay - continental shelf system has been and is being brought about by man's activities, which include recreation, industrial use, waste

disposal and transportation. Estuarine and coastal waters are extremely valuable natural resources and sound management decisions along with positive actions are required to preserve their integrity. Management decisions must draw on sound scientific knowledge acquired from the two systems. As information accumulates, we should ultimately be able to predict changes that will occur in the marine milieu under various intensities and mixes of causal factors.

Physical and chemical characteristics of shelf waters change in a variable manner (periodic and/or aperiodic) over a period of years. Frequency of these changes cover the spectrum of days to years while in some isolated instances, permanent changes occur which are sometimes associated with intense human activity. Primary factors responsible for normal fluctuations are the seasonal character of weather and river discharge, local winds and the intermittent exchange of water between the shelf and slope regions. Seasonal fluctuations can be identified if sampling of parameters progresses at a rate of at least twice a season. Monthly samples, if taken over a long enough period of time, can be used to identify phenomena which occur once every two months. Accordingly, a sampling program was designed which allowed monthly sampling of shelf waters adjacent to the mouth of Chesapeake Bay. Resulting data, when synthesized, will provide a generalized but more complete description of the oceanography of the region than presently exists.

This report is intended to make unsynthesized oceanographic data readily available to the scientific community.

Similar reports are envisioned which will include physical, chemical, biological and geological data collected by personnel of the Virginia Institute of Marine Science in areas of the continental shelf, and coastal zone to include beaches, wetlands, estuaries and tidal rivers - areas in which the Commonwealth of Virginia has a vested interest.

Previous Studies

The shelf hydrographic survey (coded SHS in this report) program constituted an extension of earlier biological studies on the shelf and continuation of studies on circulation of shelf waters. Earlier studies were primarily directed toward determination of the distribution and relative abundance of the ichthyoplankton-nekton spawned in shelf waters off the Virginia Capes. Surface and bottom temperature and salinity were measured at sampling stations for a period of three years. During the first two years, surveys were made monthly and in the last year, July 1962 to April 1963, surveys were conducted seasonally, positions of sampling stations are shown in Fig. 1. Results obtained from these surveys indicated a pressing need for information on the circulation of continental shelf waters, particularly the bottom drift, in order to gain understanding of transport of larval fishes. A large field study was mounted in June 1963. Through the cooperation of the United States Navy, aerial releases of surface drift bottles and seabed drifters were made in the Chesapeake Bight, an area extending from shore eastward to the 183 M isobath (usually the contour which marks the edge of the shelf) and from Cape Henlopen, Delaware South to Cape Hatteras, North

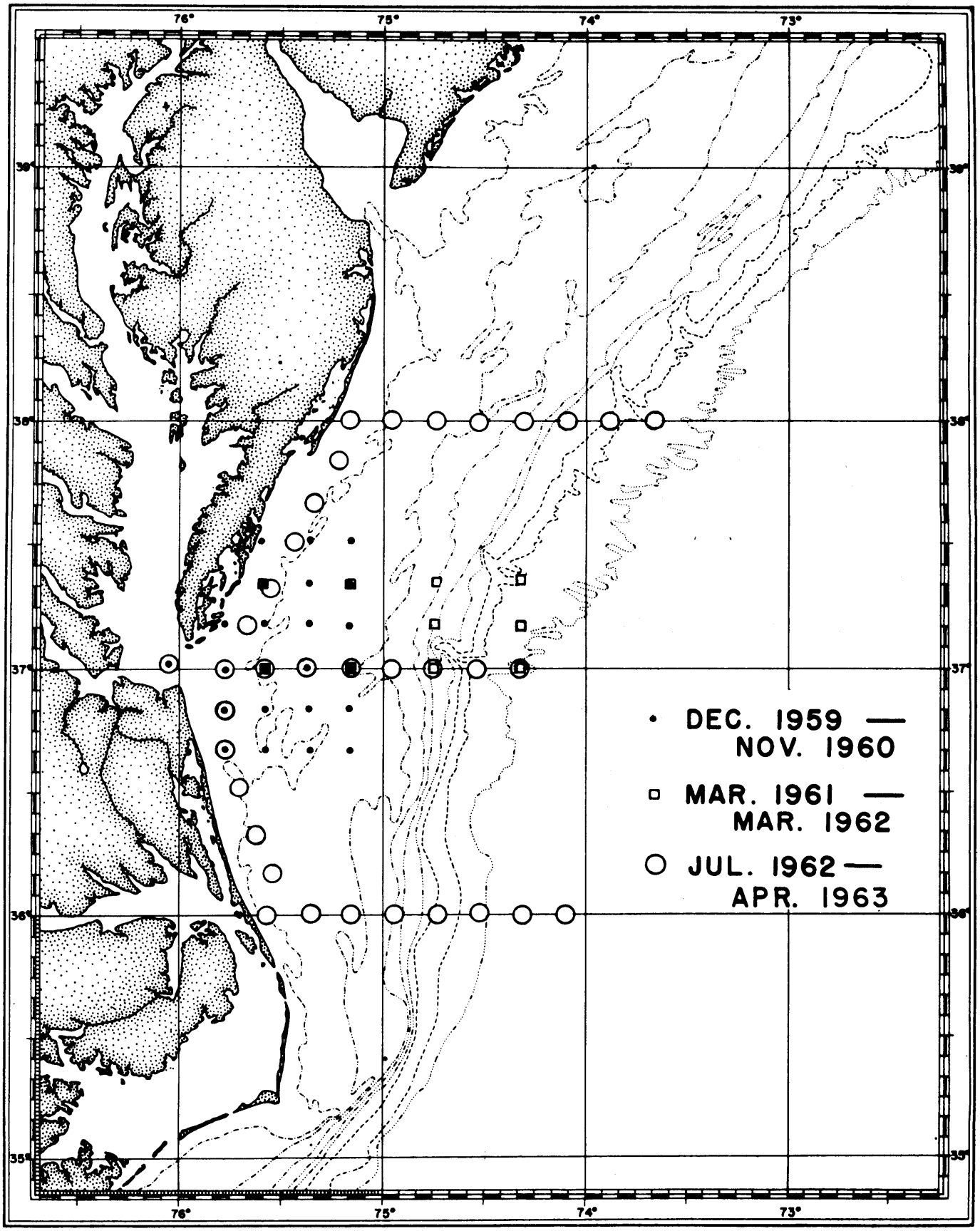

Figure 1. Station locations for ichthyoplankton-nekton cruises (1959-1963).

Carolina. Concurrent with monthly aerial releases, R. V. Pathfinder transited the shelf on parallels 37°00' N and 37°10' N to obtain measurements of temperature and salinity at depth. Stations spaced at 10 nautical mile intervals were established on each transect from nearshore to the edge of the shelf. The study terminated in October, 1964 and results were published in 1967 in ESSA Professional Paper 3.

Methods

For the present study a network of sampling stations was established from which meterological and oceanographic data were collected. Locations of these stations appear in Fig. 2. Spaced from nearshore to the 183 M isobath, stations were generally located on four transects: 36°40' N, 36°50' N, 37°00' N, and 37°10' N. Station designations are determined as follows: the first three digits represent latitude in degrees and minutes with the ten degree digit omitted. The remaining digits represent nautical miles east of longitude 76° W. Thus station 655-078 is at latitude 36°55' North and is 78 nautical miles east of longitude 76°00' W. Station 700-00 is listed as "CBO" in this report.

Temperature and salinity determinations were obtained by a number of methods. Among the data included in the body of the report will be found the type of instrument used to determine the T, S values. Table 1 provides codes which were used to identify each type of instrument as well as codes and descriptions of vessels used.

On several occasions during early SHS cruises, difficulty

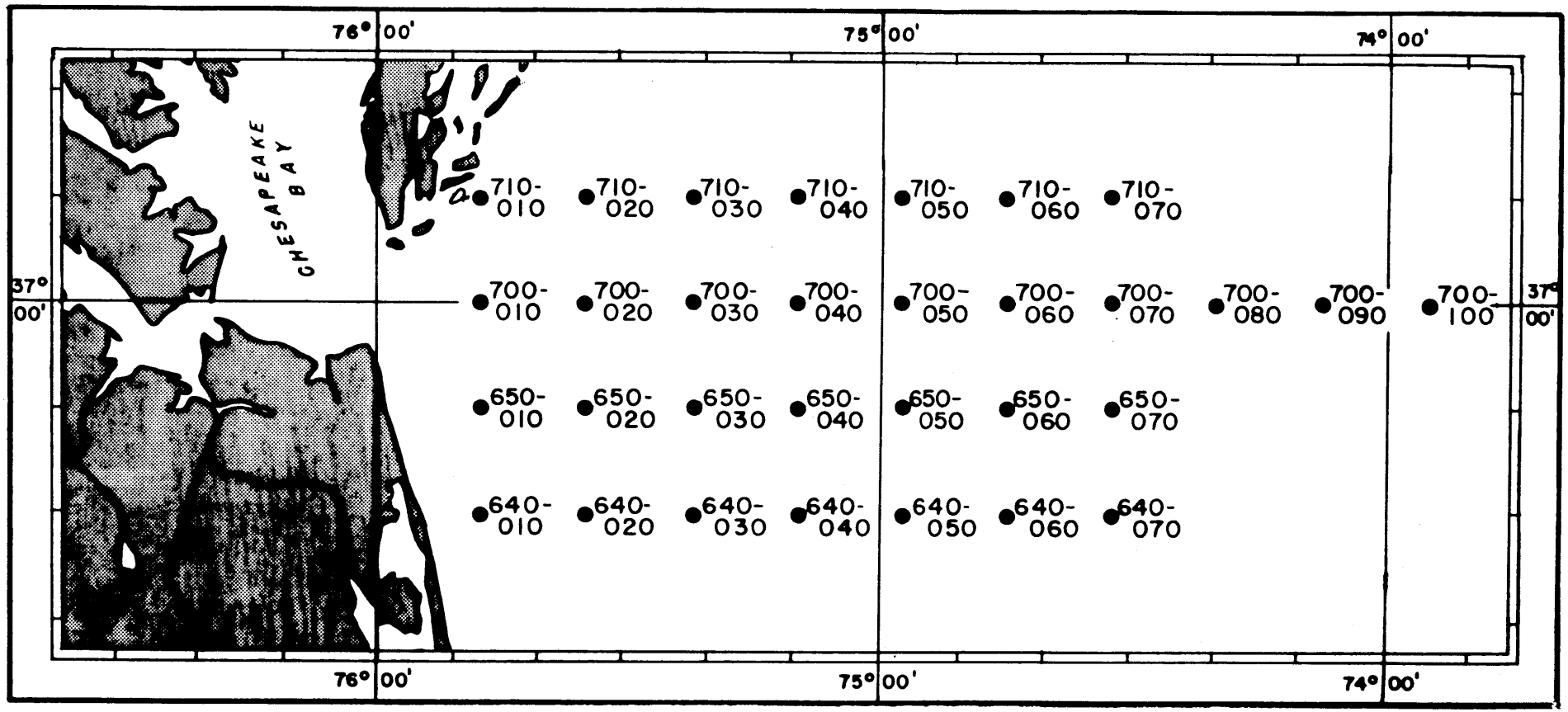

Figure 2. Station locations and designations for SHS cruises (1966 to 1969).

was encountered with the ship's power supply. Measurements of in-situ conductivity were effected by this difficulty. Resulting data which were known to be in error have been eliminated from this report. Salinity data of questionable quality due to this difficulty, have been included and are marked with an asterisk (*). These questionable salinity data have not been deleted because we felt they may be of some use in indicating trends and should be used accordingly. It should be noted that a series of questionable salinity data at any given station were accompanied by surface and bottom salinity values which were determined from water samples analyzed with a laboratory salinometer.

Data Listing

Data are listed chronologically according to cruise. Each cruise is preceeded by a pair of tables which lists the stations sampled and the sequence of sampling by date and time.

Related Studies

Additional field studies by personnel of the Virginia Institute of Marine Science conducted in the continental shelf-coastal zone region include the following:

Physical, Chemical, Geological Studies:

1. Investigations of nearshore surface and bottom circulation patterns off Dam Neck, Virginia.
2. Estimates of the heat budget terms of shelf waters.
3. The distribution and fate of Hurricane Camille waters in the nearshore-shelf area.

4. Surveys of the distributions of suspended sediments off Chesapeake Bay.
5. The influence of changes in beach water table on beach processes.
6. The use of dye tracers to estimate sand transport on the beach near Virginia Beach, Virginia.
7. Changes in beach elevation and angle following storms.
8. Estimates of beach particle sorting before and after a storm.

Biological Studies:

1. Distribution and abundance of benthic fishes over the continental shelf, which to date, are not being exploited.
2. Distribution of net phytoplankton in Virginia coastal waters.

Acknowledgements

We wish to thank the captains and crews of the R. V. Pathfinder, Trawler Sea Breeze and USNS Range Recoverer for their splendid cooperation. Thanks are due to staff, technicians and students without whose help the work could not have been accomplished. It is indeed unfortunate that a report of this sort cannot relate the physical discomfort, cold fingers and sleepness nights these people endured. We also would like to thank Mrs. Shirley Crossley and Mrs. Shirley Robbins for their many hours of typing and data printing.

Table 1

INSTRUMENT AND VESSEL CODING

Salinity Sensors

Code	Instrument	Accuracy
R	Beckman RS 7-A Laboratory Salinometer	± 0.01 ‰
C	ICTI (Inductance Conductivity-Temperature Indicator) designed and built at Chesapeake Bay Institute of The Johns Hopkins University, Baltimore, Md.	± 0.05 ‰

Temperature Sensors

Code	Instrument	Accuracy
C	ICTI (Inductance Conductivity-Temperature Indicator) designed and built at Chesapeake Bay Institute of The Johns Hopkins University, Baltimore, Md.	± 0.05°C
J	P.T.I. (Portable Temperature Indicator) Null Bridge Type designed and built at Chesapeake Bay Institute of The Johns Hopkins University, Baltimore, Md.	± 0.05°C
0	P.T.I. (Portable Temperature Indicator) Null Bridge Type designed and built at Chesapeake Bay Institute of The Johns Hopkins University, Baltimore, Md.	± 0.05°C
P	ARA-ET 100 Temperature Sensor designed and built by Applied Research of Austin, Texas	± 0.1 °C
R	Reversing Thermometer	± 0.03°C
T	Mercury in glass stem thermometer	± 0.1 °C
W	Mechanical Bathythermograph	± 0.3 °C
Y	Sippican Expendable Bathy-thermograph	± 0.2 °C

Table 1 (cont'd)

Vessels

Code	Name	Description				
		LOA	Draft	Beam	Hull	Type
PA	R. V. Pathfinder	55'	5.5'	17'	Wood	Trawler
RR	U.S.N.S. Range Recoverer	186'	10'	30'	Steel	Converted FS
SB	Sea Breeze	94'	9'	21'	Wood	Trawler

SHS 1-66 27 to 30 May 1966

Stations Sampled

640-10	650-05	700-00(CBO)	710-10
640-15	650-10	700-10	710-15
640-20	650-15	700-15	710-20
640-25	650-25	700-20	710-25
640-30	650-31	700-25	710-30
640-35	650-37	700-30	710-35
640-40	650-41	700-35	710-40
640-45	650-45	700-40	710-45
640-50	650-50	700-45	710-50
640-55	650-57	700-50	710-55
640-60	650-60	700-55	710-60
	650-65	700-60	

Sampling Sequence

Date	Time	Station
27 May	11.5	640-10
	12.2	640-15
	12.9	640-20
	13.5	640-25
	14.1	640-30
	14.7	640-35
	15.3	640-40
	16.4	640-45
	17.1	640-50
	17.3	640-55
	18.5	640-60
	21.3	650-65
	22.3	650-60
	23.3	650-57
28 May	0.3	650-50
	1.3	650-45
	2.2	650-41
	3.0	650-37
	3.8	650-31
	4.9	650-25
	8.0	650-15
	9.2	650-10
	10.5	650-05
29 May	9.5	700-00(CBO)
	11.1	710-10
	12.4	710-15
	13.0	710-20
	13.6	710-25
	14.3	710-30
	15.0	710-35
	15.5	710-40
	16.3	710-45
	16.8	710-50
	17.5	710-55
	17.9	710-60
	19.0	700-60
	20.0	700-55
	20.5	700-50
	21.4	700-45
	21.9	700-40
	22.5	700-35
	23.0	700-30
	23.8	700-25
30 May	0.5	700-20
	1.3	700-15
	1.9	700-10

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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
27	05	66	11.5	PA	SHS1	36	40	75	47	13			20	12	02			0	T	18.3	R	25.23	640	10
27	05	66	11.5	PA	SHS1	36	40	75	47	13			20	12	02			0	C	18.42	C	25.04	640	10
27	05	66	11.5	PA	SHS1	36	40	75	47	13			20	12	02			3	C	17.06	C	26.38	640	10
27	05	66	11.5	PA	SHS1	36	40	75	47	13			20	12	02			6	C	15.84	C	29.39	640	10
27	05	66	11.5	PA	SHS1	36	40	75	47	13			20	12	02			9	C	12.12	C	31.42	640	10
27	05	66	11.5	PA	SHS1	36	40	75	47	13			20	12	02			12			R	31.83	640	10
27	05	66	11.5	PA	SHS1	36	40	75	47	13			20	12	02			12	C	11.42	C	31.77	640	10
27	05	66	12.2	PA	SHS1	36	40	75	41	18								0	T	17.8	R	27.47	640	15
27	05	66	12.9	PA	SHS1	36	40	75	35	15			18	14	01			0	T	17.0	R	29.92	640	20
27	05	66	12.9	PA	SHS1	36	40	75	35	15			18	14	01			0	C	16.68	C	30.04	640	20
27	05	66	12.9	PA	SHS1	36	40	75	35	15			18	14	01			3	C	16.02	C	30.08	640	20
27	05	66	12.9	PA	SHS1	36	40	75	35	15			18	14	01			6	C	15.42	C	30.16	640	20
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27	05	66	12.9	PA	SHS1	36	40	75	35	15			18	14	01			14			R	31.92	640	20
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27	05	66	14.1	PA	SHS1	36	40	75	22	21			18	14	02			3	C	15.18	C	31.27	640	30
27	05	66	14.1	PA	SHS1	36	40	75	22	21			18	14	02			6	C	14.50	C	31.27	640	30
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27	05	66	15.3	PA	SHS1	36	40	75	10	28			16	14	01			28			R	32.57	640	40
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DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY			STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰					
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27	05	66	18.5	PA	SHS1	36	40	74	45	88				14	02			24	C	7.30	C	32.54			640	60		
27	05	66	18.5	PA	SHS1	36	40	74	45	88				14	02			30	C	6.34	C	32.67			640	60		
27	05	66	18.5	PA	SHS1	36	40	74	45	88				14	02			38			R	32.75			640	60		
27	05	66	18.5	PA	SHS1	36	40	74	45	88				14	02			38	C	5.96	C	32.72			640	60		
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27	05	66	18.5	PA	SHS1	36	40	74	45	88				14	02			85	R	5.72	R	33.46			640	60		
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27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			3	C	11.68	C	32.22	*		650	65		
27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			6	C	11.24	C	32.56	*		650	65		
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27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			15	C	9.60	C	32.54	*		650	65		
27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			18	C	8.15	C	32.84	*		650	65		
27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			24	C	7.00	C	32.57	*		650	65		
27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			30	C	6.90	C	32.68	*		650	65		
27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			38			R	31.95			650	65		
27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			38	C	6.00	C	33.02	*		650	65		
27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			65	R	8.78	R	32.78			650	65		
27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			90	R	5.68	R	33.12			650	65		
27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			115	R	5.33	R	33.40			650	65		
27	05	66	21.3	PA	SHS1	36	50	74	39	140			16	00	00			140	R	7.38					650	65		
27	05	66	22.3	PA	SHS1	36	50	74	45	73								0	T	12.0	R	32.24			650	60		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			0	T	13.0	R	32.28			650	57		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			0	C	12.78	C	32.24	*		650	57		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			3	C	12.78	C	32.24	*		650	57		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			6	C	12.72	C	32.26	*		650	57		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			9	C	11.80	C	32.40	*		650	57		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			12	C	11.40	C	32.50	*		650	57		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			15	C	11.24	C	32.42	*		650	57		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			18	C	10.50	C	32.72	*		650	57		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			24	C	8.40	C	32.59	*		650	57		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			30	C	7.28	C	32.74	*		650	57		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			36			R	32.56			650	57		
27	05	66	23.3	PA	SHS1	36	50	74	50	51			16	18	03			36	C	6.70	C	32.69	*		650	57		
28	05	66	00.3	PA	SHS1	36	50	74	57	38								0	T	12.9	R	32.04			650	50		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			0	T	13.6	R	32.23			650	45		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			0	C	13.06	C	32.21			650	45		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			3	C	13.06	C	32.21			650	45		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			6	C	12.02	C	32.29			650	45		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			9	C	11.54	C	32.15			650	45		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			12	C	10.22	C	32.40			650	45		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			15	C	9.86	C	32.38			650	45		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			18	C	9.02	C	32.60			650	45		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			24	C	8.42	C	32.57			650	45		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			30	C	8.30	C	32.60			650	45		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			36			R	32.63			650	45		
28	05	66	01.3	PA	SHS1	36	50	75	03	37			17	18	03			36	C	8.30	C	32.63			650	45		
28	05	66	02.2	PA	SHS1	36	50	75	08	36								0	T	13.8	R	32.28			650	41		
28	05	66	03.0	PA	SHS1	36	50	75	15	25			16	18	03			0	T	14.9	R	31.69			650	37		
28	05	66	03.0	PA	SHS1	36	50	75	15	25			16	18	03			0	C	14.76	C	31.73			650	37		
28	05	66	03.0	PA	SHS1	36	50	75	15	25			16	18	03			3	C	14.72	C	31.71			650	37		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
28	05	66	03.0	PA	SHS1	36	50	75	15	25			16	18	03			6	C	14.72	C	31.71			650	37
28	05	66	03.0	PA	SHS1	36	50	75	15	25			16	18	03			9	C	14.40	C	31.79			650	37
28	05	66	03.0	PA	SHS1	36	50	75	15	25			16	18	03			12	C	13.08	C	32.21			650	37
28	05	66	03.0	PA	SHS1	36	50	75	15	25			16	18	03			15	C	12.50	C	32.30			650	37
28	05	66	03.0	PA	SHS1	36	50	75	15	25			16	18	03			18	C	10.84	C	32.42			650	37
28	05	66	03.0	PA	SHS1	36	50	75	15	25			16	18	03			21	C	9.76	C	32.52			650	37
28	05	66	03.0	PA	SHS1	36	50	75	15	25			16	18	03			24			R	32.51			650	37
28	05	66	03.0	PA	SHS1	36	50	75	15	25			16	18	03			24	C	9.66	C	32.53			650	37
28	05	66	03.8	PA	SHS1	36	50	75	21	26								0	T	14.8	R	31.55			650	31
28	05	66	04.9	PA	SHS1	36	50	75	28	22			18	00	00			0	T	16.7	R	30.49			650	25
28	05	66	04.9	PA	SHS1	36	50	75	28	22			18	00	00			0	C	16.56	C	30.46			650	25
28	05	66	04.9	PA	SHS1	36	50	75	28	22			18	00	00			3	C	16.56	C	30.46			650	25
28	05	66	04.9	PA	SHS1	36	50	75	28	22			18	00	00			6	C	16.28	C	30.61			650	25
28	05	66	04.9	PA	SHS1	36	50	75	28	22			18	00	00			9	C	14.76	C	31.32			650	25
28	05	66	04.9	PA	SHS1	36	50	75	28	22			18	00	00			12	C	12.92	C	31.75			650	25
28	05	66	04.9	PA	SHS1	36	50	75	28	22			18	00	00			15	C	10.46	C	32.10			650	25
28	05	66	04.9	PA	SHS1	36	50	75	28	22			18	00	00			18	C	10.20	C	32.26			650	25
28	05	66	04.9	PA	SHS1	36	50	75	28	22			18	00	00			21	C	10.28	C	32.18			650	25
28	05	66	08.0	PA	SHS1	36	50	75	41	22			17	16	03			0	T	18.1	R	26.61			650	15
28	05	66	08.0	PA	SHS1	36	50	75	41	22			17	16	03			0	C	17.40	C	29.48	*		650	15
28	05	66	08.0	PA	SHS1	36	50	75	41	22			17	16	03			3	C	16.62	C	29.99	*		650	15
28	05	66	08.0	PA	SHS1	36	50	75	41	22			17	16	03			6	C	15.88	C	30.20	*		650	15
28	05	66	08.0	PA	SHS1	36	50	75	41	22			17	16	03			9	C	11.14	C	31.93	*		650	15
28	05	66	08.0	PA	SHS1	36	50	75	41	22			17	16	03			12	C	11.04	C	32.01	*		650	15
28	05	66	08.0	PA	SHS1	36	50	75	41	22			17	16	03			15	C	11.04	C	32.03	*		650	15
28	05	66	08.0	PA	SHS1	36	50	75	41	22			17	16	03			18	C	11.02	C	32.03	*		650	15
28	05	66	08.0	PA	SHS1	36	50	75	41	22			17	16	03			20			R	30.97			650	15
28	05	66	08.0	PA	SHS1	36	50	75	41	22			17	16	03			20	C	11.02	C	32.07	*		650	15
28	05	66	09.2	PA	SHS1	36	50	75	47	06								0	T	18.0	R	26.06			650	10
28	05	66	10.5	PA	SHS1	36	50	75	53	13			19	18	03			0	T	18.3	R	26.16			650	05
28	05	66	10.5	PA	SHS1	36	50	75	53	13			19	18	03			0	C	17.72	C	26.79	*		650	05
28	05	66	10.5	PA	SHS1	36	50	75	53	13			19	18	03			3	C	16.80	C	25.17	*		650	05
28	05	66	10.5	PA	SHS1	36	50	75	53	13			19	18	03			6	C	14.04	C	29.86	*		650	05
28	05	66	10.5	PA	SHS1	36	50	75	53	13			19	18	03			9	C	11.70	C	31.56	*		650	05
28	05	66	10.5	PA	SHS1	36	50	75	53	13			19	18	03			12			R	31.66			650	05
28	05	66	10.5	PA	SHS1	36	50	75	53	13			19	18	03			12	C	11.64	C	31.59	*		650	05
29	05	66	09.5	PA	SHS1	37	00	76	00	10		6	22	22	03			0	T	19.6	R	22.21			C	B0
29	05	66	09.5	PA	SHS1	37	00	76	00	10		6	22	22	03			0	C	19.42	C	22.15			C	B0
29	05	66	09.5	PA	SHS1	37	00	76	00	10		6	22	22	03			3	C	17.20	C	28.65			C	B0
29	05	66	09.5	PA	SHS1	37	00	76	00	10		6	22	22	03			6	C	17.10	C	28.79			C	B0
29	05	66	09.5	PA	SHS1	37	00	76	00	10		6	22	22	03			9			R	29.99			C	B0
29	05	66	09.5	PA	SHS1	37	00	76	00	10		6	22	22	03			9	C	14.30	C	29.97			C	B0
29	05	66	11.1	PA	SHS1	37	10	75	47	09			22	18	02			0	T	18.6	R	29.61			710	10
29	05	66	11.1	PA	SHS1	37	10	75	47	09			22	18	02			0	C	18.36	C	29.63			710	10
29	05	66	11.1	PA	SHS1	37	10	75	47	09			22	18	02			3	C	17.80	C	29.81			710	10
29	05	66	11.1	PA	SHS1	37	10	75	47	09			22	18	02			6	C	16.04	C	30.34			710	10
29	05	66	11.1	PA	SHS1	37	10	75	47	09			22	18	02			8			R	30.61			710	10
29	05	66	11.1	PA	SHS1	37	10	75	47	09			22	18	02			8	C	15.64	C	30.63			710	10
29	05	66	12.4	PA	SHS1	37	10	75	41	15								0	T	18.1	R	30.12			710	15
29	05	66	13.0	PA	SHS1	37	10	75	35	10			21	18	03			0	T	17.7	R	30.08			710	20
29	05	66	13.0	PA	SHS1	37	10	75	35	10			21	18	03			0	C	17.64	C	30.03			710	20
29	05	66	13.0	PA	SHS1	37	10	75	35	10			21	18	03			3	C	17.34	C	30.10			710	20
29	05	66	13.0	PA	SHS1	37	10	75	35	10			21	18	03			6	C	15.94	C	31.40			710	20
29	05	66	13.0	PA	SHS1	37	10	75	35	10			21	18	03			9			R	31.55			710	20
29	05	66	13.0	PA	SHS1	37	10	75	35	10			21	18	03			9	C	14.60	C	31.59			710	20

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY			STATION DESIGNATION					
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰								
29	05	66	13.6	PA	SHS1	37	10	75	28	22								0	T	18.2	R	31.06				710	25			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			0	T	16.8	R	31.48				710	30			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			0	C	16.90	C	31.30				710	30			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			3	C	16.26	C	31.47				710	30			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			6	C	14.30	C	31.95				710	30			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			9	C	13.48	C	31.99				710	30			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			12	C	12.84	C	32.13				710	30			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			15	C	10.88	C	31.72				710	30			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			18	C	9.54	C	32.37				710	30			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			20	C	9.50	C	32.38				710	30			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			24	C	9.46	C	32.36				710	30			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			26			R	32.44				710	30			
29	05	66	14.3	PA	SHS1	37	10	75	22	26			22	18	03			26	C	9.46	C	32.42				710	30			
29	05	66	15.0	PA	SHS1	37	10	75	16	28								0	T	15.1	R	32.06				710	35			
29	05	66	15.5	PA	SHS1	37	10	75	10	30			22	18	03			0	T	15.2	R	32.09				710	40			
29	05	66	15.5	PA	SHS1	37	10	75	10	30			22	18	03			0	C	14.88	C	31.99	*			710	40			
29	05	66	15.5	PA	SHS1	37	10	75	10	30			22	18	03			3	C	14.02	C	32.00	*			710	40			
29	05	66	15.5	PA	SHS1	37	10	75	10	30			22	18	03			6	C	13.52	C	31.97	*			710	40			
29	05	66	15.5	PA	SHS1	37	10	75	10	30			22	18	03			9	C	12.30	C	32.30	*			710	40			
29	05	66	15.5	PA	SHS1	37	10	75	10	30			22	18	03			12	C	10.92	C	32.04	*			710	40			
29	05	66	15.5	PA	SHS1	37	10	75	10	30			22	18	03			15	C	10.34	C	32.20	*			710	40			
29	05	66	15.5	PA	SHS1	37	10	75	10	30			22	18	03			18	C	9.50	C	32.20	*			710	40			
29	05	66	15.5	PA	SHS1	37	10	75	10	30			22	18	03			24	C	8.90	C	32.41	*			710	40			
29	05	66	15.5	PA	SHS1	37	10	75	10	30			22	18	03			29			R	32.58				710	40			
29	05	66	15.5	PA	SHS1	37	10	75	10	30			22	18	03			29	C	8.50	C	32.51				710	40			
29	05	66	16.3	PA	SHS1	37	10	75	04	34								0	T	14.8	R	32.03				710	45			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			0	T	15.00	R	32.27				710	50			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			0	C	14.62	C	32.22				710	50			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			3	C	14.00	C	32.21				710	50			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			6	C	12.02	C	32.30				710	50			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			9	C	11.26	C	32.52				710	50			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			12	C	10.72	C	32.45				710	50			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			15	C	10.34	C	32.35				710	50			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			18	C	9.80	C	32.42				710	50			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			24	C	7.88	C	32.57				710	50			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			30	C	6.98	C	32.68				710	50			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			36			R	32.80				710	50			
29	05	66	16.8	PA	SHS1	37	10	74	57	40			18	00	00			36	C	6.32	C	32.63				710	50			
29	05	66	17.5	PA	SHS1	37	10	74	51	54								0	T	14.0	R	32.39				710	55			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			0	T	13.2	R	32.37				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			0	C	13.14	C	32.27				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			3	C	12.58	C	32.29				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			6	C	9.84	C	32.45				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			9	C	9.58	C	32.46				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			12	C	9.14	C	32.40				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			15	C	8.68	C	32.58				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			18	C	8.18	C	32.51				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			21	C	7.74	C	32.62				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			24	C	7.48	C	32.51				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			30	C	6.94	C	32.56				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			40	R	7.19	R	32.77				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			43			R	32.81				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			43	C	5.90	R	32.64				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			50	R	6.12	R	32.93				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			60	R	4.46	R	33.01				710	60			
29	05	66	17.9	PA	SHS1	37	10	74	45	70			16	17	02			70	R	4.85	R	33.15				710	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			0	T	13.7	R	32.33	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			0	C	13.54	C	32.00	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			3	C	13.56	C	32.25	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			6	C	11.96	C	32.33	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			9	C	10.62	C	32.50	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			12	C	9.62	C	32.60	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			15	C	8.48	C	32.54	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			18	C	7.30	C	32.61	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			21	C	7.02	C	32.53	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			24	C	6.60	C	32.55	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			30	C	6.40	C	32.62	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			36			R	32.79	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			36	C	6.02	C	32.72	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			40	R	8.32	R	32.77	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			50	R	6.43	R	32.93	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			60	R	5.18	R	33.01	700	60
29	05	66	19.0	PA	SHS1	37	00	74	45	73				16	06			70	R	4.65	R	33.15	700	60
29	05	66	20.0	PA	SHS1	37	00	74	52	60								0	T	14.5	R	32.32	700	55
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			0	T	14.6	R	32.13	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			0	C	14.52	C	32.04	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			3	C	14.48	C	32.09	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			6	C	13.70	C	32.18	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			9	C	12.76	C	32.65	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			12	C	10.98	C	32.35	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			15	C	10.28	C	32.43	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			18	C	8.46	C	32.86	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			21	C	7.56	C	32.59	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			24	C	7.36	C	32.66	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			30	C	7.20	C	32.63	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			36	C	7.00	C	32.67	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			42			R	32.78	700	50
29	05	66	20.5	PA	SHS1	37	00	74	57	43			18	17	02			42	C	6.86	R	32.74	700	50
29	05	66	21.4	PA	SHS1	37	00	75	04	44								0	T	15.3	R	32.00	700	45
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			0	T	16.1	R	31.73	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			0	C	15.96	C	31.60	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			3	C	15.20	C	31.95	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			6	C	14.00	C	32.03	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			9	C	12.50	C	32.16	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			12	C	11.84	C	32.28	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			15	C	10.90	C	32.28	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			18	C	9.30	C	32.65	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			21	C	9.10	C	32.47	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			24	C	9.10	C	32.51	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			30	C	9.00	C	32.47	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			34			R	32.58	700	40
29	05	66	21.9	PA	SHS1	37	00	75	10	37			19	17	02			34	C	8.56	C	32.59	700	40
29	05	66	22.5	PA	SHS1	37	00	75	16	34								0	T	16.4	R	31.58	700	35
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			0	T	16.8	R	31.31	700	30
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			0	C	16.66	C	31.23	700	30
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			3	C	15.84	C	31.87	700	30
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			6	C	14.10	C	31.79	700	30
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			9	C	13.52	C	31.87	700	30
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			12	C	11.40	C	32.34	700	30
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			15	C	9.74	C	32.42	700	30
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			18	C	9.66	C	32.43	700	30
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			21	C	9.66	C	32.41	700	30
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			24	C	9.64	C	32.43	700	30
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			26			R	32.51	700	30
29	05	66	23.0	PA	SHS1	37	00	75	22	37			19	17	03			26	C	9.64	C	32.46	700	30
29	05	66	23.8	PA	SHS1	37	00	75	29	28								0	T	17.4	R	31.22	700	25

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		STATION DESIGNATION		
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
30	05	66	00.5	PA	SHS1	37	00	75	35	20			21	33	01			0	T	17.9	R	30.60		700	20
30	05	66	00.5	PA	SHS1	37	00	75	35	20			21	33	01			0	C	17.60	C	30.57		700	20
30	05	66	00.5	PA	SHS1	37	00	75	35	20			21	33	01			3	C	15.88	C	31.42		700	20
30	05	66	00.5	PA	SHS1	37	00	75	35	20			21	33	01			6	C	15.00	C	31.34		700	20
30	05	66	00.5	PA	SHS1	37	00	75	35	20			21	33	01			9	C	14.20	C	32.09		700	20
30	05	66	00.5	PA	SHS1	37	00	75	35	20			21	33	01			12	C	12.42	C	31.93		700	20
30	05	66	00.5	PA	SHS1	37	00	75	35	20			21	33	01			15	C	10.72	C	32.10		700	20
30	05	66	00.5	PA	SHS1	37	00	75	35	20			21	33	01			18			R	32.23		700	20
30	05	66	00.5	PA	SHS1	37	00	75	35	20			21	33	01			18	C	10.54	C	32.13		700	20
30	05	66	01.3	PA	SHS1	37	00	75	41	18								0	T	19.2	R	29.12		700	15
30	05	66	01.9	PA	SHS1	37	00	75	47	13			20	00	00			0	T	19.0	R	28.07		700	10
30	05	66	01.9	PA	SHS1	37	00	75	47	13			20	00	00			0	C	18.86	C	28.04		700	10
30	05	66	01.9	PA	SHS1	37	00	75	47	13			20	00	00			3	C	17.00	C	29.87		700	10
30	05	66	01.9	PA	SHS1	37	00	75	47	13			20	00	00			6	C	14.14	C	30.82		700	10
30	05	66	01.9	PA	SHS1	37	00	75	47	13			20	00	00			9			R	31.84		700	10
30	05	66	01.9	PA	SHS1	37	00	75	47	13			20	00	00			9	C	11.90	C	31.72		700	10

SHS 2-66 21 to 23 June 1966

Stations Sampled

640-10	650-05	700-00(CBO)	710-10
640-15	650-10	700-10	710-15
640-20	650-15	700-15	710-20
640-25	650-20	700-20	710-25
640-30	650-25	700-25	710-30
640-35	650-31	700-30	710-35
640-40	650-36	700-35	710-40
640-45	650-41	700-40	710-45
640-50	650-45	700-45	710-50
640-55	650-50	700-50	710-55
640-60	650-57	700-60	710-60
	650-65		

Sampling Sequence

Date	Time	Station	Date	Time	Station
21 June	3.4	710-10	22 June	21.5	650-05
	4.0	710-15		22.2	650-10
	4.6	710-20		22.8	650-15
	5.3	710-25		23.4	650-20
	5.9	710-30	23 June	0.1	650-25
	6.6	710-35		0.7	650-31
	7.3	710-40		1.3	650-36
	8.0	710-45		2.0	650-41
	8.5	710-50		2.5	650-45
	9.2	710-55		3.2	650-50
	10.0	710-60		3.6	650-57
	11.2	700-60		5.0	700-50
	13.8	650-65		5.7	700-45
	16.0	640-60		6.1	700-40
	17.0	640-55		7.0	700-35
	17.5	640-50		7.7	700-30
	18.2	640-45		8.3	700-25
	18.9	640-40		8.9	700-20
	19.5	640-35		9.5	700-15
	20.3	640-30		10.2	700-10
	21.1	640-25		12.5	700-00(CBO)
	21.6	640-20			
	22.4	640-15			
	23.0	640-10			

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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
21	06	66	03.4	PA	SHS2	37	10	75	47	07			19	00	00			0	T	18.50	R	28.79	710	10
21	06	66	03.4	PA	SHS2	37	10	75	47	07			19	00	00			0	C	18.60	C	28.73	710	10
21	06	66	03.4	PA	SHS2	37	10	75	47	07			19	00	00			3	C	18.56	C	30.01	710	10
21	06	66	03.4	PA	SHS2	37	10	75	47	07			19	00	00			6	C	17.92	C	30.67	710	10
21	06	66	03.4	PA	SHS2	37	10	75	47	07			19	00	00			7			R	30.62	710	10
21	06	66	03.4	PA	SHS2	37	10	75	47	07			19	00	00			7	C	17.80	C	30.76	710	10
21	06	66	04.0	PA	SHS2	37	10	75	41	15								0	T	18.1	R	29.27	710	15
21	06	66	04.6	PA	SHS2	37	10	75	35	21			18	00	00			0	T	17.0	R	31.38	710	20
21	06	66	04.6	PA	SHS2	37	10	75	35	21			18	00	00			0	C	17.0	C	31.31	710	20
21	06	66	04.6	PA	SHS2	37	10	75	35	21			18	00	00			3	C	17.02	C	31.34	710	20
21	06	66	04.6	PA	SHS2	37	10	75	35	21			18	00	00			6	C	17.02	C	31.36	710	20
21	06	66	04.6	PA	SHS2	37	10	75	35	21			18	00	00			9	C	15.68	C	31.35	710	20
21	06	66	04.6	PA	SHS2	37	10	75	35	21			18	00	00			12	C	15.04	C	31.54	710	20
21	06	66	04.6	PA	SHS2	37	10	75	35	21			18	00	00			15	C	14.66	C	31.65	710	20
21	06	66	04.6	PA	SHS2	37	10	75	35	21			18	00	00			18	C	14.62	C	31.67	710	20
21	06	66	04.6	PA	SHS2	37	10	75	35	21			18	00	00			20			R	31.66	710	20
21	06	66	04.6	PA	SHS2	37	10	75	35	21			18	00	00			20	C	14.54	C	31.70	710	20
21	06	66	05.3	PA	SHS2	37	10	75	29	14								0	T	16.7	R	31.61	710	25
21	06	66	05.9	PA	SHS2	37	10	75	22	27			16	04	01			0	T	16.7	R	31.68	710	30
21	06	66	05.9	PA	SHS2	37	10	75	22	27			16	04	01			0	C	16.62	C	31.70	710	30
21	06	66	05.9	PA	SHS2	37	10	75	22	27			16	04	01			3	C	16.42	C	31.84	710	30
21	06	66	05.9	PA	SHS2	37	10	75	22	27			16	04	01			6	C	16.16	C	31.72	710	30
21	06	66	05.9	PA	SHS2	37	10	75	22	27			16	04	01			9	C	15.86	C	31.78	710	30
21	06	66	05.9	PA	SHS2	37	10	75	22	27			16	04	01			12	C	15.72	C	31.80	710	30
21	06	66	05.9	PA	SHS2	37	10	75	22	27			16	04	01			15	C	14.08	C	31.98	710	30
21	06	66	05.9	PA	SHS2	37	10	75	22	27			16	04	01			18	C	13.18	C	32.06	710	30
21	06	66	05.9	PA	SHS2	37	10	75	22	27			16	04	01			21	C	12.82	C	32.15	710	30
21	06	66	05.9	PA	SHS2	37	10	75	22	27			16	04	01			26			R	32.15	710	30
21	06	66	05.9	PA	SHS2	37	10	75	22	27			16	04	01			26	C	12.54	C	32.13	710	30
21	06	66	06.6	PA	SHS2	37	10	75	16	28								0	T	16.1	R	31.77	710	35
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			0	T	15.6	R	32.04	710	40
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			0	C	15.46	C	32.06	710	40
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			3	C	15.28	C	32.11	710	40
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			6	C	14.80	C	32.12	710	40
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			9	C	13.72	C	32.20	710	40
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			12	C	12.86	C	32.29	710	40
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			15	C	11.92	C	32.35	710	40
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			18	C	11.90	C	32.31	710	40
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			21	C	11.88	C	32.33	710	40
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			25	C	11.88	C	32.33	710	40
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			30			R	32.26	710	40
21	06	66	07.3	PA	SHS2	37	10	75	10	30			17	00	00			30	C	11.88	C	32.33	710	40
21	06	66	08.0	PA	SHS2	37	10	75	04	34								0	T	15.4	R	32.09	710	45
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			0	T	15.6	R	32.07	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			0	C	15.22	C	32.06	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			3	C	15.12	C	32.08	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			6	C	15.00	C	32.03	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			9	C	14.86	C	32.06	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			12	C	13.76	C	32.11	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			15	C	13.06	C	32.33	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			18	C	12.66	C	32.27	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			21	C	12.46	C	32.30	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			24	C	11.84	C	32.33	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			30	C	11.08	C	32.42	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			36			R	32.48	710	50
21	06	66	08.5	PA	SHS2	37	10	74	57	40			18	00	00			36	C	9.60	C	32.58	710	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY			STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
21	06	66	09.2	PA	SHS2	37	10	74	51	54						0	T	15.3	R	32.22		710 55
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		0	T	16.2	R	32.24		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		0	C	14.96	C	32.30		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		3	C	14.62	C	32.29		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		6	C	14.58	C	32.29		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		9	C	14.56	C	32.29		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		12	C	14.42	C	32.30		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		15	C	14.36	C	32.30		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		18	C	14.16	C	32.30		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		24	C	12.96	C	32.32		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		30	C	9.72	C	32.65		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		36			R	32.65		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		36	C	6.66	C	32.67		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		40	R	5.56	R	32.73		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		50	R	5.15	R	32.82		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		60	R	5.18	R	32.93		710 60
21	06	66	10.0	PA	SHS2	37	10	74	45	73		19	00	00		70	R	5.17	R	32.97		710 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		0	T	17.2	R	32.31		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		0	C	15.28	C	32.28		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		3	C	15.02	C	32.33		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		6	C	14.96	C	32.34		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		9	C	14.90	C	32.36		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		12	C	13.96	C	32.45		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		15	C	13.52	C	32.51		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		18	C	13.02	C	32.51		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		21	C	11.12	C	32.61		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		24	C	8.98	C	32.50		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		30	C	6.60	C	32.63		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		36			R	32.71		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		36	C	6.04	C	32.74		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		40	R	5.54	R	32.74		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		50	R	5.08	R	32.90		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		60	R	4.91	R	33.10		700 60
21	06	66	11.2	PA	SHS2	37	00	74	45	73		23	00	00		70	R	5.20	R	33.17		700 60
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		0	T	18.4	R	32.58		650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		0	C	15.78	C	32.41	*	650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		3	C	15.16	C	32.53	*	650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		6	C	14.94	C	32.54	*	650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		9	C	13.74	C	32.84	*	650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		12	C	12.86	C	32.82	*	650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		15	C	12.20	C	32.97	*	650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		18	C	11.62	C	32.97	*	650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		21	C	10.00	C	33.27	*	650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		24	C	8.64	C	32.98	*	650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		30	C	7.66	C	33.04	*	650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		36	C	5.62	C	33.24	*	650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		36			R	33.06		650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		40	R	8.71	R	33.07		650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		70	R	7.14	R	33.97		650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		100	R	7.74	R	33.30		650 65
21	06	66	13.8	PA	SHS2	36	50	74	39	140			00	00		120	R	4.96	R	34.51		650 65
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		0	T	17.5	R	32.63		640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		0	C	17.64	C	32.15	*	640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		3	C	15.68	C	32.61	*	640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		6	C	15.42	C	32.57	*	640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		9	C	15.10	C	32.68	*	640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		12	C	14.40	C	32.75	*	640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		15	C	13.78	C	32.77	*	640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		18	C	12.90	C	32.87	*	640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		21	C	10.58	C	32.99	*	640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		24	C	8.32	C	32.96	*	640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		30	C	5.80	C	32.82	*	640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		36	C	5.18	C	32.88	*	640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		36			R	32.63		640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		40	R	5.12	R	32.93		640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		50	R	5.13	R	32.91		640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		60	R	8.43	R	32.92		640 60
21	06	66	16.0	PA	SHS2	36	40	74	45	73		22	00	00		70	R	6.00	R	32.86		640 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		STATION DESIGNATION				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰					
21	06	66	17.0	PA	SHS2	36	40	74	51	52								0	T	19.8	R	32.62			640	55		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			0	T	19.1	R	32.27			640	50		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			0	C	17.46	C	32.27			640	50		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			3	C	15.26	C	32.18			640	50		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			6	C	15.18	C	32.25			640	50		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			9	C	14.58	C	32.34			640	50		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			12	C	13.16	C	32.29			640	50		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			15	C	12.78	C	32.39			640	50		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			18	C	11.72	C	32.43			640	50		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			24	C	10.52	C	32.47			640	50		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			30	C	10.48	C	32.51			640	50		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			31	C	10.48	C	32.46			640	50		
21	06	66	17.5	PA	SHS2	36	40	74	57	32			22	00	00			31			R	32.46			640	50		
21	06	66	18.2	PA	SHS2	36	40	75	04	28								0	T	19.2	R	32.25			640	45		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			0	T	17.4	R	32.20			640	40		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			0	C	17.18	C	32.27			640	40		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			3	C	14.92	C	32.18			640	40		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			6	C	14.48	C	32.20			640	40		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			9	C	13.60	C	32.20			640	40		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			12	C	13.02	C	32.26			640	40		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			15	C	12.74	C	32.27			640	40		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			18	C	12.68	C	32.26			640	40		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			21	C	12.66	C	32.26			640	40		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			24	C	12.64	C	32.27			640	40		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			26	C	12.64	C	32.28			640	40		
21	06	66	18.9	PA	SHS2	36	40	75	10	28				00	00			26			R	32.25			640	40		
21	06	66	19.5	PA	SHS2	36	40	75	16	24								0	T	18.0	R	31.90			640	35		
21	06	66	20.3	PA	SHS2	36	40	75	22	26			19	18	02			0	T	17.8	R	31.82			640	30		
21	06	66	20.3	PA	SHS2	36	40	75	22	26			19	18	02			0	C	17.34	C	31.88			640	30		
21	06	66	20.3	PA	SHS2	36	40	75	22	26			19	18	02			3	C	16.38	C	31.95			640	30		
21	06	66	20.3	PA	SHS2	36	40	75	22	26			19	18	02			6	C	16.24	C	31.92			640	30		
21	06	66	20.3	PA	SHS2	36	40	75	22	26			19	18	02			9	C	16.06	C	31.91			640	30		
21	06	66	20.3	PA	SHS2	36	40	75	22	26			19	18	02			12	C	15.92	C	31.85			640	30		
21	06	66	20.3	PA	SHS2	36	40	75	22	26			19	18	02			15	C	14.12	C	31.91			640	30		
21	06	66	20.3	PA	SHS2	36	40	75	22	26			19	18	02			18	C	14.04	C	31.98			640	30		
21	06	66	20.3	PA	SHS2	36	40	75	22	26			19	18	02			21	C	14.04	C	31.95			640	30		
21	06	66	20.3	PA	SHS2	36	40	75	22	26			19	18	02			24	C	14.04	C	31.95			640	30		
21	06	66	20.3	PA	SHS2	36	40	75	22	26			19	18	02			24			R	31.89			640	30		
21	06	66	21.1	PA	SHS2	36	40	75	29	22								0	T	19.0	R	31.48			640	25		
21	06	66	21.6	PA	SHS2	36	40	75	35	20			19	24	03			0	T	17.9	R	31.52			640	20		
21	06	66	21.6	PA	SHS2	36	40	75	35	20			19	24	03			0	C	17.92	C	31.45			640	20		
21	06	66	21.6	PA	SHS2	36	40	75	35	20			19	24	03			3	C	17.42	C	31.47			640	20		
21	06	66	21.6	PA	SHS2	36	40	75	35	20			19	24	03			6	C	17.14	C	31.51			640	20		
21	06	66	21.6	PA	SHS2	36	40	75	35	20			19	24	03			9	C	17.00	C	31.50			640	20		
21	06	66	21.6	PA	SHS2	36	40	75	35	20			19	24	03			12	C	16.42	C	31.66			640	20		
21	06	66	21.6	PA	SHS2	36	40	75	35	20			19	24	03			15	C	15.04	C	31.70			640	20		
21	06	66	21.6	PA	SHS2	36	40	75	35	20			19	24	03			18	C	14.80	C	31.72			640	20		
21	06	66	21.6	PA	SHS2	36	40	75	35	20			19	24	03			18			R	31.73			640	20		
21	06	66	22.4	PA	SHS2	36	40	75	41	18								0	T	19.0	R	28.93			640	15		
21	06	66	23.0	PA	SHS2	36	40	75	47	16								0	T	20.5	R	25.40			640	10		
21	06	66	23.0	PA	SHS2	36	40	75	47	16								0	C	20.62	C	28.30	*		640	10		
21	06	66	23.0	PA	SHS2	36	40	75	47	16								3	C	18.40	C	28.92	*		640	10		
21	06	66	23.0	PA	SHS2	36	40	75	47	16								6	C	18.04	C	29.07	*		640	10		
21	06	66	23.0	PA	SHS2	36	40	75	47	16								9	C	15.82	C	30.49	*		640	10		
21	06	66	23.0	PA	SHS2	36	40	75	47	16								12	C	14.50	C	31.38	*		640	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			STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰					
21	06	66	23.0	PA	SHS2	36	40	75	47	16								15	C	14.48	C	31.44	*		640	10		
21	06	66	23.0	PA	SHS2	36	40	75	47	16								15			R	31.38			640	10		
22	06	66	21.5	PA	SHS2	36	50	75	53	13			20	05	03			0			R	26.26			650	05		
22	06	66	21.5	PA	SHS2	36	50	75	53	13			20	05	03			0	C	19.52	C	26.18	*		650	05		
22	06	66	21.5	PA	SHS2	36	50	75	53	13			20	05	03			3	C	19.32	C	27.57	*		650	05		
22	06	66	21.5	PA	SHS2	36	50	75	53	13			20	05	03			6	C	19.40	C	27.80	*		650	05		
22	06	66	21.5	PA	SHS2	36	50	75	53	13			20	05	03			9	C	17.16	C	29.63	*		650	05		
22	06	66	21.5	PA	SHS2	36	50	75	53	13			20	05	03			12	C	14.90	C	30.84	*		650	05		
22	06	66	21.5	PA	SHS2	36	50	75	53	13			20	05	03			12			R	30.58			650	05		
22	06	66	22.2	PA	SHS2	36	50	75	47	15								0	T	19.1	R	30.43			650	10		
22	06	66	22.8	PA	SHS2	36	50	75	41	15			19	05	05			0	T	18.7	R	30.82			650	15		
22	06	66	22.8	PA	SHS2	36	50	75	41	15			19	05	05			0	C	18.68	C	30.94	*		650	15		
22	06	66	22.8	PA	SHS2	36	50	75	41	15			19	05	05			3	C	18.68	C	30.89	*		650	15		
22	06	66	22.8	PA	SHS2	36	50	75	41	15			19	05	05			6	C	18.32	C	31.03	*		650	15		
22	06	66	22.8	PA	SHS2	36	50	75	41	15			19	05	05			9	C	18.32	C	30.70	*		650	15		
22	06	66	22.8	PA	SHS2	36	50	75	41	15			19	05	05			12	C	17.44	C	31.32	*		650	15		
22	06	66	22.8	PA	SHS2	36	50	75	41	15			19	05	05			15	C	15.76	C	31.62	*		650	15		
22	06	66	22.8	PA	SHS2	36	50	75	41	15			19	05	05			15			R	31.37			650	15		
22	06	66	23.4	PA	SHS2	36	50	75	35	15								0	T	18.2	R	31.37			650	20		
23	06	66	00.1	PA	SHS2	36	50	75	28	22								0	T	17.8	R	31.50			650	25		
23	06	66	00.1	PA	SHS2	36	50	75	28	22								0	C	17.72	C	31.55			650	25		
23	06	66	00.1	PA	SHS2	36	50	75	28	22								3	C	17.74	C	31.55			650	25		
23	06	66	00.1	PA	SHS2	36	50	75	28	22								6	C	17.74	C	31.51			650	25		
23	06	66	00.1	PA	SHS2	36	50	75	28	22								9	C	17.04	C	31.50			650	25		
23	06	66	00.1	PA	SHS2	36	50	75	28	22								12	C	16.54	C	31.56			650	25		
23	06	66	00.1	PA	SHS2	36	50	75	28	22								16	C	14.86	C	31.59			650	25		
23	06	66	00.1	PA	SHS2	36	50	75	28	22								18	C	14.22	C	31.70			650	25		
23	06	66	00.1	PA	SHS2	36	50	75	28	22								21	C	13.80	C	31.84			650	25		
23	06	66	00.1	PA	SHS2	36	50	75	28	22								21			R	31.82			650	25		
23	06	66	00.7	PA	SHS2	36	50	75	21	26								0	T	17.8	R	31.69			650	31		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								0	T	17.0	R	31.88			650	36		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								0	C	16.78	C	31.93			650	36		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								3	C	16.78	C	31.90			650	36		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								6	C	16.22	C	31.83			650	36		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								9	C	14.96	C	31.91			650	36		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								12	C	14.68	C	31.97			650	36		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								15	C	13.86	C	32.04			650	36		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								18	C	13.00	C	32.17			650	36		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								21	C	12.34	C	31.35			650	36		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								24	C	12.10	C	32.32			650	36		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								29	C	12.08	C	32.28			650	36		
23	06	66	01.3	PA	SHS2	36	50	75	15	29								29			R	32.25			650	36		
23	06	66	02.0	PA	SHS2	36	50	75	08	36								0	T	16.5	R	31.99			650	41		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			0	T	15.8	R	32.17			650	45		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			0	C	15.72	C	32.07			650	45		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			3	C	15.68	C	32.08			650	45		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			6	C	15.54	C	32.15			650	45		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			9	C	13.98	C	32.18			650	45		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			12	C	13.30	C	32.23			650	45		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			15	C	12.98	C	32.24			650	45		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			18	C	12.20	C	32.32			650	45		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			21	C	12.18	C	32.35			650	45		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			24	C	11.96	C	32.39			650	45		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			30	C	10.82	C	32.48			650	45		
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			36	C	9.68	C	32.56			650	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		STATION DESIGNATION				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
23	06	66	02.5	PA	SHS2	36	50	75	03	37			17	05	03			36			R	32.52			650	45
23	06	66	03.2	PA	SHS2	36	50	74	57	38								0	T	15.5	R	32.12			650	50
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			0	T	16.0	R	32.20			650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			0	C	16.02	C	32.14	*		650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			3	C	15.82	C	32.13	*		650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			6	C	14.48	C	32.15	*		650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			9	C	13.30	C	32.26	*		650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			12	C	12.80	C	32.27	*		650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			15	C	12.46	C	32.27	*		650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			18	C	11.90	C	32.37	*		650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			21	C	11.82	C	32.37	*		650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			24	C	10.20	C	32.52	*		650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			30	C	8.94	C	32.63	*		650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			36	C	8.88	C	32.57	*		650	57
23	06	66	03.6	PA	SHS2	36	50	74	50	37			16	05	03			36			R	32.28			650	57
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			0	T	16.1	R	32.14			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			0	C	16.08	C	32.14			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			3	C	16.08	C	32.14			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			6	C	15.98	C	32.11			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			9	C	14.50	C	32.14			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			12	C	13.92	C	32.28			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			15	C	12.92	C	32.22			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			18	C	12.48	C	32.32			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			21	C	12.16	C	32.28			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			24	C	11.82	C	32.37			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			30	C	11.36	C	32.39			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			36	C	9.70	C	32.55			700	50
23	06	66	05.0	PA	SHS2	37	00	74	57	38			16	05	01			36			R	32.48			700	50
23	06	66	05.7	PA	SHS2	37	00	75	04	44								0	T	16.5	R	32.09			700	45
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			0	T	16.5	R	32.06			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			0	C	16.50	C	32.11			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			3	C	16.48	C	32.04			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			6	C	15.90	C	32.03			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			9	C	15.40	C	32.07			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			12	C	14.18	C	32.25			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			15	C	13.00	C	32.34			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			18	C	12.62	C	32.25			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			21	C	12.32	C	32.36			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			24	C	11.82	C	32.37			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			30	C	10.74	C	32.66			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			36	C	10.48	C	32.48			700	40
23	06	66	06.1	PA	SHS2	37	00	75	10	37			16	00	00			36			R	32.43			700	40
23	06	66	07.0	PA	SHS2	37	00	75	16	34								0	T	17.5	R	31.70			700	35
23	06	66	07.7	PA	SHS2	37	00	75	22	29								0	T	17.5	R	31.53			700	30
23	06	66	07.7	PA	SHS2	37	00	75	22	29								0	C	17.58	C	31.38	*		700	30
23	06	66	07.7	PA	SHS2	37	00	75	22	29								3	C	17.62	C	31.44	*		700	30
23	06	66	07.7	PA	SHS2	37	00	75	22	29								6	C	17.68	C	31.54	*		700	30
23	06	66	07.7	PA	SHS2	37	00	75	22	29								9	C	15.70	C	31.78	*		700	30
23	06	66	07.7	PA	SHS2	37	00	75	22	29								12	C	14.46	C	31.93	*		700	30
23	06	66	07.7	PA	SHS2	37	00	75	22	29								15	C	13.50	C	31.96	*		700	30
23	06	66	07.7	PA	SHS2	37	00	75	22	29								18	C	12.50	C	32.15	*		700	30
23	06	66	07.7	PA	SHS2	37	00	75	22	29								21	C	12.36	C	32.20	*		700	30
23	06	66	07.7	PA	SHS2	37	00	75	22	29								24	C	12.30	C	32.20	*		700	30
23	06	66	07.7	PA	SHS2	37	00	75	22	29								29	C	12.22	C	32.18	*		700	30
23	06	66	07.7	PA	SHS2	37	00	75	22	29								29			R	32.21			700	30
23	06	66	08.3	PA	SHS2	37	00	75	29	28								0	T	18.3	R	31.53			700	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		STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
23	06	66	08.9	PA	SHS2	37	00	75	35	20			17	00	00			0	T	18.5	R	31.10			700	20
23	06	66	08.9	PA	SHS2	37	00	75	35	20			17	00	00			0	C	18.30	C	31.02			700	20
23	06	66	08.9	PA	SHS2	37	00	75	35	20			17	00	00			3	C	18.28	C	31.05			700	20
23	06	66	08.9	PA	SHS2	37	00	75	35	20			17	00	00			6	C	18.26	C	31.08			700	20
23	06	66	08.9	PA	SHS2	37	00	75	35	20			17	00	00			9	C	17.04	C	31.52			700	20
23	06	66	08.9	PA	SHS2	37	00	75	35	20			17	00	00			12	C	16.46	C	31.57			700	20
23	06	66	08.9	PA	SHS2	37	00	75	35	20			17	00	00			15	C	14.48	C	31.73			700	20
23	06	66	08.9	PA	SHS2	37	00	75	35	20			17	00	00			18	C	14.42	C	31.73			700	20
23	06	66	08.9	PA	SHS2	37	00	75	35	20			17	00	00			18			R	31.70			700	20
23	06	66	09.5	PA	SHS2	37	00	75	41	18								0	T	18.2	R	31.20			700	15
23	06	66	10.2	PA	SHS2	37	00	75	47	13				00	00			0	T	19.3	R	30.07			700	10
23	06	66	10.2	PA	SHS2	37	00	75	47	13				00	00			0	C	19.04	C	30.05			700	10
23	06	66	10.2	PA	SHS2	37	00	75	47	13				00	00			3	C	18.66	C	30.52			700	10
23	06	66	10.2	PA	SHS2	37	00	75	47	13				00	00			6	C	16.34	C	30.95			700	10
23	06	66	10.2	PA	SHS2	37	00	75	47	13				00	00			9	C	15.94	C	31.14			700	10
23	06	66	10.2	PA	SHS2	37	00	75	47	13				00	00			12	C	15.94	C	31.14			700	10
23	06	66	10.2	PA	SHS2	37	00	75	47	13				00	00			12			R	31.13			700	10
23	06	66	12.5	PA	SHS2	37	00	76	00	09		1	21	00	00			0	T	19.6	R	28.75			C	BO
23	06	66	12.5	PA	SHS2	37	00	76	00	09		1	21	00	00			0	C	19.24	C	28.69			C	BO
23	06	66	12.5	PA	SHS2	37	00	76	00	09		1	21	00	00			3	C	19.22	C	28.70			C	BO
23	06	66	12.5	PA	SHS2	37	00	76	00	09		1	21	00	00			6	C	18.92	C	28.64			C	BO
23	06	66	12.5	PA	SHS2	37	00	76	00	09		1	21	00	00			9	C	18.74	C	28.67			C	BO
23	06	66	12.5	PA	SHS2	37	00	76	00	09		1	21	00	00			9			R	28.63			C	BO

SHS 3-66 25 to 28 July 1966

Stations Sampled

640-10	650-05	700-00(CBO)	710-10
640-15	650-10	700-05	710-20
640-20	650-15	700-10	710-25
640-25	650-25	700-15	710-30
640-30	650-31	700-25	710-35
640-40	650-35	700-30	710-40
640-50	650-41	700-35	710-45
640-55	650-45	700-40	710-50
640-60	650-57	700-45	710-55
	650-65	700-50	710-60
		700-60	

Sampling Sequence

Date	Time	Station
25 July	23.7	710-10
26 July	0.9	710-10
	2.1	710-20
	2.7	710-25
	3.3	710-30
	3.9	710-35
	4.5	710-40
	4.9	710-45
	5.8	710-50
	6.5	710-55
	7.3	710-60
	11.0	700-60
	12.5	650-65
	15.5	640-60
	16.3	640-55
	17.1	640-50
	18.5	640-40
	19.6	640-30
	20.3	640-25
	21.1	640-20
	21.7	640-15
	22.3	640-10

Date	Time	Station
27 July	15.8	650-05
	16.4	650-10
	17.0	650-15
	21.4	650-25
	22.0	650-31
	22.6	650-35
	23.0	650-45
	23.9	650-45
28 July	1.3	650-57
	2.8	700-50
	3.5	700-45
	4.2	700-40
	5.0	700-35
	5.9	700-30
	7.0	700-25
	8.7	700-15
	9.3	700-10
	10.2	700-05
	11.1	700-00(CBO)

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	07	66	23.7	PA	SHS3	37	10	75	47	07			23	18	04			0			R	30.75				710	10		
25	07	66	23.7	PA	SHS3	37	10	75	47	07			23	18	04			0	C	23.47	C	30.67				710	10		
25	07	66	23.7	PA	SHS3	37	10	75	47	07			23	18	04			3	C	23.48	C	30.67				710	10		
25	07	66	23.7	PA	SHS3	37	10	75	47	07			23	18	04			6	C	23.09	C	31.34				710	10		
25	07	66	23.7	PA	SHS3	37	10	75	47	07			23	18	04			7			R	31.45				710	10		
25	07	66	23.7	PA	SHS3	37	10	75	47	07			23	18	04			7	C	22.82	C	31.41				710	10		
26	07	66	00.9	PA	SHS3	37	10	75	41	15								0			R	30.84				710	10		
26	07	66	02.1	PA	SHS3	37	10	75	35	15			23	15	02			0			R	30.49				710	20		
26	07	66	02.1	PA	SHS3	37	10	75	35	15			23	15	02			0	C	23.63	C	31.26	*			710	20		
26	07	66	02.1	PA	SHS3	37	10	75	35	15			23	15	02			3	C	23.60	C	30.24				710	20		
26	07	66	02.1	PA	SHS3	37	10	75	35	15			23	15	02			6	C	23.20	C	30.50				710	20		
26	07	66	02.1	PA	SHS3	37	10	75	35	15			23	15	02			9	C	17.45	C	31.44				710	20		
26	07	66	02.1	PA	SHS3	37	10	75	35	15			23	15	02			12	C	14.80	C	32.04				710	20		
26	07	66	02.1	PA	SHS3	37	10	75	35	15			23	15	02			14			R	32.08				710	20		
26	07	66	02.1	PA	SHS3	37	10	75	35	15			23	15	02			14	C	14.58	C	32.01				710	20		
26	07	66	02.7	PA	SHS3	37	10	75	29	22								0			R	30.46				710	25		
26	07	66	03.3	PA	SHS3	37	10	75	22	26			23	17	02			0			R	30.45				710	30		
26	07	66	03.3	PA	SHS3	37	10	75	22	26			23	17	02			0	C	22.96	C	30.39				710	30		
26	07	66	03.3	PA	SHS3	37	10	75	22	26			23	17	02			3	C	23.00	C	30.64				710	30		
26	07	66	03.3	PA	SHS3	37	10	75	22	26			23	17	02			6	C	22.58	C	30.73				710	30		
26	07	66	03.3	PA	SHS3	37	10	75	22	26			23	17	02			9	C	22.44	C	30.74				710	30		
26	07	66	03.3	PA	SHS3	37	10	75	22	26			23	17	02			12	C	21.36	C	30.89				710	30		
26	07	66	03.3	PA	SHS3	37	10	75	22	26			23	17	02			15	C	13.08	C	32.19				710	30		
26	07	66	03.3	PA	SHS3	37	10	75	22	26			23	17	02			18	C	12.10	C	32.28				710	30		
26	07	66	03.3	PA	SHS3	37	10	75	22	26			23	17	02			21	C	11.45	C	32.37				710	30		
26	07	66	03.3	PA	SHS3	37	10	75	22	26			23	17	02			24	C	11.37	C	32.37				710	30		
26	07	66	04.1	PA	SHS3	37	10	75	22	26			23	17	02			26			R	32.43				710	30		
26	07	66	03.3	PA	SHS3	37	10	75	22	26			23	17	02			26	C	11.36	C	32.36				710	30		
26	07	66	03.9	PA	SHS3	37	10	75	16	28								0			R	30.55				710	35		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			0			R	30.87				710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			0	C	23.37	C	30.74	*			710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			3	C	23.34	C	30.76	*			710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			6	C	23.32	C	30.78	*			710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			9	C	23.14	C	31.06	*			710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			12	C	18.68	C	31.66	*			710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			15	C	15.06	C	31.95	*			710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			18	C	13.14	C	32.06	*			710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			21	C	10.15	C	32.43	*			710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			24	C	10.09	C	32.40	*			710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			30	C	10.06	C	32.39	*			710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			31			R	32.52				710	40		
26	07	66	04.5	PA	SHS3	37	10	75	10	31			23	21	02			31	C	10.06	C	32.34	*			710	40		
26	07	66	04.9	PA	SHS3	37	10	75	04	34								0			R	30.90				710	45		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			0			R	31.74				710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			0	C	23.48	C	31.54	*			710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			3	C	23.38	C	31.65	*			710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			6	C	23.26	C	31.71	*			710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			9	C	23.20	C	31.74	*			710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			12	C	23.14	C	31.77	*			710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			15	C	22.34	C	32.32	*			710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			18	C	17.13	C	32.46	*			710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			24	C	12.34	C	32.55	*			710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			30	C	8.57	C	32.72	*			710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			36	C	7.85	C	32.76	*			710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			38			R	32.81				710	50		
26	07	66	05.6	PA	SHS3	37	10	74	57	40			23	26	02			38	C	7.78	C	32.77	*			710	50		
26	07	66	06.5	PA	SHS3	37	10	74	51	54								0			R	32.03				710	55		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH 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	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			0			R	32.00				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			0	C	23.46	C	31.98				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			3	C	23.41	C	32.01				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			6	C	23.40	C	32.02				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			9	C	23.04	C	32.06				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			12	C	22.87	C	31.99				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			15	C	21.64	C	31.92				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			18	C	19.50	C	32.16				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			21	C	15.30	C	32.19				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			24	C	11.80	C	32.95				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			30	C	8.10	C	32.84				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			36	C	6.17	C	32.95				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			40			R	32.87				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			40	C	6.14	C	32.82				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			50	R	6.07	R	32.89				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			60	R	6.03	R	32.89				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			60	R	6.02	R	32.89				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			70	R	5.94	R	32.94				710	60		
26	07	66	07.3	PA	SHS3	37	10	74	45	70			23	21	01			70	R	5.93	R	32.94				710	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			0			R	32.25				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			0	C	23.54	C	32.24				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			3	C	23.26	C	32.27				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			6	C	23.16	C	32.31				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			9	C	22.93	C	32.31				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			12	C	22.90	C	32.30				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			15	C	17.85	C	32.53				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			18	C	15.63	C	32.59				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			21	C	13.98	C	31.04				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			24	C	11.81	C	32.99				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			30	C	8.70	C	32.96				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			36	C	7.37	C	32.89				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			40			R	32.38				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			40			R	32.94				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			40	C	6.07	C	32.87				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			50	R	5.66	R	33.02				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			60			R	33.24				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			70	R	6.18	R	33.29				700	60		
26	07	66	11.0	PA	SHS3	37	00	74	45	82			24	24	02			70	R	6.17	R	33.29				700	60		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			0			R	32.31				650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			0	C	23.70	C	32.28	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			3	C	22.98	C	32.26	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			6	C	22.50	C	32.28	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			9	C	22.10	C	32.39	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			12	C	22.38	C	32.80	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			15	C	18.26	C	32.44	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			18	C	14.80	C	32.92	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			21	C	12.27	C	32.78	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			24	C	09.81	C	32.84	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			30	C	6.31	C	32.70	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			36	C	5.62	C	32.71	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			40			R	32.32				650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			40	C	5.38	C	32.65	*			650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			75			R	33.83				650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			110	R	14.20	R	34.33				650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			110	R	10.50						650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			145			R	34.53				650	65		
26	07	66	12.5	PA	SHS3	36	50	74	39				26		00			180			R	34.97				650	65		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			0			R	32.30				640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			0	C	24.90	C	32.08	*			640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			3	C	23.56	C	32.29	*			640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			6	C	23.12	C	32.36	*			640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			9	C	22.98	C	32.32	*			640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			12	C	21.95	C	32.31	*			640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			15	C	17.50	C	32.62	*			640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			18	C	13.28	C	33.85	*			640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			21	C	11.94	C	32.68	*			640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			24	C	10.90	C	33.01	*			640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			30	C	6.90	C	32.93	*			640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			36	C	6.66	C	32.94	*			640	60		
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			40			R	33.09				640	60		

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	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			40			C	33.11				640	60	
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			40	C	6.43	C	33.01				640	60	
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			55	R	6.44	R	33.12				640	60	
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			70	R	6.89	R	33.16				640	60	
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			70	R	6.85	R	33.16				640	60	
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			85	R	6.49	R	33.16				640	60	
26	07	66	15.5	PA	SHS3	36	40	74	45	88			26	22	02			85	R	6.48	R	33.16				640	60	
26	07	66	16.3	PA	SHS3	36	40	74	51	44								0			R	31.44				640	55	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			0			R	31.23				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			0	C	25.06	C	31.20				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			3	C	23.74	C	31.13				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			6	C	23.47	C	31.12				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			9	C	23.08	C	31.09				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			12	C	22.52	C	30.96				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			15	C	16.48	C	31.87				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			18	C	15.38	C	32.10				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			21	C	12.35	C	32.29				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			24	C	10.50	C	32.65				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			30	C	10.38	C	32.58				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			32			R	32.56				640	50	
26	07	66	17.1	PA	SHS3	36	40	74	57	32			25	20	04			32	C	10.36	C	32.54				640	50	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			0			R	31.23				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			0	C	24.36	C	31.22				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			3	C	23.66	C	31.29				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			6	C	23.48	C	31.16				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			9	C	23.10	C	31.20				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			12	C	22.96	C	31.37				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			15	C	19.80	C	31.80				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			18	C	18.52	C	31.81				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			21	C	15.78	C	32.05				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			24	C	12.48	C	32.31				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			27	C	12.16	C	32.42				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			30	C	12.02	C	32.44				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			33			R	32.44				640	40	
26	07	66	18.5	PA	SHS3	36	40	75	10	33			24	16	07			33	C	11.98	C	32.44				640	40	
26	07	66	19.6	PA	SHS3	36	40	75	22	20			24	19	07			0			R	31.58				640	30	
26	07	66	19.6	PA	SHS3	36	40	75	22	20			24	19	07			0	C	24.32	C	31.47				640	30	
26	07	66	19.6	PA	SHS3	36	40	75	22	20			24	19	07			3	C	24.32	C	31.52				640	30	
26	07	66	19.6	PA	SHS3	36	40	75	22	20			24	19	07			6	C	23.84	C	31.56				640	30	
26	07	66	19.6	PA	SHS3	36	40	75	22	20			24	19	07			9	C	23.70	C	31.52				640	30	
26	07	66	19.6	PA	SHS3	36	40	75	22	20			24	19	07			12	C	22.95	C	31.43				640	30	
26	07	66	19.6	PA	SHS3	36	40	75	22	20			24	19	07			15	C	20.90	C	31.75				640	30	
26	07	66	19.6	PA	SHS3	36	40	75	22	20			24	19	07			18	C	15.42	C	32.91				640	30	
26	07	66	19.6	PA	SHS3	36	40	75	22	20			24	19	07			20			R	32.14				640	30	
26	07	66	19.6	PA	SHS3	36	40	75	22	20			24	19	07			20	C	15.20	C	32.17				640	30	
26	07	66	20.3	PA	SHS3	36	40	75	29	22								0			R	31.56				640	25	
26	07	66	21.1	PA	SHS3	36	40	75	35	18			24	18	06			0			R	31.51				640	20	
26	07	66	21.1	PA	SHS3	36	40	75	35	18			24	18	06			0	C	23.57	C	31.45				640	20	
26	07	66	21.1	PA	SHS3	36	40	75	35	18			24	18	06			3	C	23.57	C	31.49				640	20	
26	07	66	21.1	PA	SHS3	36	40	75	35	18			24	18	06			6	C	23.40	C	31.49				640	20	
26	07	66	21.1	PA	SHS3	36	40	75	35	18			24	18	06			9	C	23.10	C	31.57				640	20	
26	07	66	21.1	PA	SHS3	36	40	75	35	18			24	18	06			12	C	16.02	C	31.97				640	20	
26	07	66	21.1	PA	SHS3	36	40	75	35	18			24	18	06			15	C	15.88	C	32.04				640	20	
26	07	66	21.1	PA	SHS3	36	40	75	35	18			24	18	06			18			R	32.05				640	20	
26	07	66	21.1	PA	SHS3	36	40	75	35	18			24	18	06			18	C	15.88	C	32.02				640	20	
26	07	66	21.7	PA	SHS3	36	40	75	41	18								0			R	31.31				640	15	
26	07	66	22.3	PA	SHS3	36	40	75	47	18			24	22	06			0			R	30.93				640	10	
26	07	66	22.3	PA	SHS3	36	40	75	47	18			24	22	06			0	C	23.90	C	30.88				640	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.		
26	07	66	22.3	PA	SHS3	36	40	75	47	18			24	22	06			3	C	23.96	C	30.96				640	10		
26	07	66	22.3	PA	SHS3	36	40	75	47	18			24	22	06			6	C	23.82	C	31.12				640	10		
26	07	66	22.3	PA	SHS3	36	40	75	47	18			24	22	06			9	C	22.42	C	31.67				640	10		
26	07	66	22.3	PA	SHS3	36	40	75	47	18			24	22	06			12	C	16.14	C	32.00				640	10		
26	07	66	22.3	PA	SHS3	36	40	75	47	18			24	22	06			15	C	15.76	C	32.02				640	10		
26	07	66	22.3	PA	SHS3	36	40	75	47	18			24	22	06			18			R	32.01				640	10		
26	07	66	22.3	PA	SHS3	36	40	75	47	18			24	22	06			18	C	15.74	C	32.02				640	10		
27	07	66	15.8	PA	SHS3	36	50	75	53	13			28	18	05			0			R	29.14				650	05		
27	07	66	15.8	PA	SHS3	36	50	75	53	13			28	18	05			0	C	24.00	C	29.52	*			650	05		
27	07	66	15.8	PA	SHS3	36	50	75	53	13			28	18	05			3	C	23.96	C	29.51	*			650	05		
27	07	66	15.8	PA	SHS3	36	50	75	53	13			28	18	05			6	C	23.63	C	29.81	*			650	05		
27	07	66	15.8	PA	SHS3	36	50	75	53	13			28	18	05			9	C	23.04	C	31.09	*			650	05		
27	07	66	15.8	PA	SHS3	36	50	75	53	13			28	18	05			12			R	31.84				650	05		
27	07	66	15.8	PA	SHS3	36	50	75	53	13			28	18	05			12	C	16.30	C	31.89	*			650	05		
27	07	66	16.4	PA	SHS3	36	50	75	47	15								0			R	29.60				650	10		
27	07	66	17.0	PA	SHS3	36	50	75	41	21			26	18	05			0			R	30.88				650	15		
27	07	66	17.0	PA	SHS3	36	50	75	41	21			26	18	05			0	C	24.35	C	30.80				650	15		
27	07	66	17.0	PA	SHS3	36	50	75	41	21			26	18	05			3	C	23.95	C	31.10				650	15		
27	07	66	17.0	PA	SHS3	36	50	75	41	21			26	18	05			6	C	23.44	C	31.15				650	15		
27	07	66	17.0	PA	SHS3	36	50	75	41	21			26	18	05			9	C	23.32	C	31.35				650	15		
27	07	66	17.0	PA	SHS3	36	50	75	41	21			26	18	05			12	C	21.03	C	31.94				650	15		
27	07	66	17.0	PA	SHS3	36	50	75	41	21			26	18	05			15	C	15.70	C	32.07				650	15		
27	07	66	17.0	PA	SHS3	36	50	75	41	21			26	18	05			18	C	15.44	C	32.10				650	15		
27	07	66	17.0	PA	SHS3	36	50	75	41	21			26	18	05			21			R	32.11				650	15		
27	07	66	17.0	PA	SHS3	36	50	75	41	21			26	18	05			21	C	15.40	C	32.12				650	15		
27	07	66	21.4	PA	SHS3	36	50	75	28	22			24	17	06			0			R	31.53				650	25		
27	07	66	21.4	PA	SHS3	36	50	75	28	22			24	17	06			0	C	23.88	C	31.50				650	25		
27	07	66	21.4	PA	SHS3	36	50	75	28	22			24	17	06			3	C	23.85	C	31.02				650	25		
27	07	66	21.4	PA	SHS3	36	50	75	28	22			24	17	06			6	C	23.76	C	31.08				650	25		
27	07	66	21.4	PA	SHS3	36	50	75	28	22			24	17	06			9	C	23.66	C	31.48				650	25		
27	07	66	21.4	PA	SHS3	36	50	75	28	22			24	17	06			12	C	23.34	C	31.51				650	25		
27	07	66	21.4	PA	SHS3	36	50	75	28	22			24	17	06			15	C	15.96	C	31.23				650	25		
27	07	66	21.4	PA	SHS3	36	50	75	28	22			24	17	06			18	C	15.72	C	31.78				650	25		
27	07	66	21.4	PA	SHS3	36	50	75	28	22			24	17	06			21			R	32.05				650	25		
27	07	66	21.4	PA	SHS3	36	50	75	28	22			24	17	06			21	C	14.90	C	32.08				650	25		
27	07	66	22.0	PA	SHS3	36	50	75	21	26								0			R	31.54				650	31		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			0			R	31.47				650	35		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			0	C	23.94	C	31.41				650	35		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			3	C	23.94	C	30.26				650	35		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			6	C	23.85	C	31.47				650	35		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			9	C	23.76	C	30.87				650	35		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			12	C	23.40	C	31.50				650	35		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			15	C	17.05	C	31.84				650	35		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			18	C	14.47	C	32.23				650	35		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			21	C	14.10	C	32.15				650	35		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			24	C	12.82	C	32.43				650	35		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			30			R	32.34				650	35		
27	07	66	22.6	PA	SHS3	36	50	75	15	30			25	17	07			30	C	12.66	C	32.31				650	35		
27	07	66	23.0	PA	SHS3	36	50	75	08	36								0			R	31.38				650	41		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			0			R	31.12				650	45		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			0	C	24.09	C	30.31	*			650	45		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			3	C	24.08	C	31.26	*			650	45		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			6	C	24.06	C	28.79	*			650	45		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			9	C	23.84	C	31.44	*			650	45		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			12	C	23.16	C	31.37	*			650	45		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			15	C	21.80	C	31.65	*			650	45		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			18	C	19.12	C	29.23	*			650	45		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			21	C	13.50	C	32.21	*			650	45		

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		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	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M				DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN INSTR.	DIRXN CODE	VELOCITY INSTR.	VELOCITY M/SEC.			
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			24	C	11.58	C	32.02	*			650	45		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			30	C	10.05	C	32.49	*			650	45		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			35			R	32.58				650	45		
27	07	66	23.9	PA	SHS3	36	50	75	03	35			25	18	06			35	C	9.82	C	32.54	*			650	45		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			0			R	31.35				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			0	C	23.72	C	31.28				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			3	C	23.72	C	31.31				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			6	C	23.70	C	31.71				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			9	C	23.60	C	32.07				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			12	C	23.40	C	32.18				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			15	C	23.17	C	32.19				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			18	C	22.20	C	32.06				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			21	C	16.32	C	32.52				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			24	C	12.60	C	32.58				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			30	C	7.94	C	32.52				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			36	C	6.63	C	32.88				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			40			R	32.90				650	57		
28	07	66	01.3	PA	SHS3	36	50	74	50	50			25	26	07			40	C	6.63	C	32.88				650	57		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			0			R	31.14				700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			0	C	23.66	C	31.14	*			700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			3	C	23.66	C	31.15	*			700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			6	C	23.64	C	31.28	*			700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			9	C	23.52	C	31.71	*			700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			12	C	23.03	C	32.10	*			700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			15	C	20.15	C	32.15	*			700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			18	C	14.58	C	33.10	*			700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			21	C	12.16	C	32.63	*			700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			24	C	11.98	C	32.95	*			700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			30	C	8.40	C	32.85	*			700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			36	C	6.94	C	32.89	*			700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			40			R	31.34				700	50		
28	07	66	02.6	PA	SHS3	37	00	74	57	40			25	23	06			40	C	6.92	C	32.90	*			700	50		
28	07	66	03.5	PA	SHS3	37	00	75	04	44								0			R	31.36				700	45		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			0			R	31.43				700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			0	C	23.64	C	31.41	*			700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			3	C	23.64	C	30.16	*			700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			6	C	23.64	C	29.99	*			700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			9	C	23.62	C	27.85	*			700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			12	C	23.54	C	28.44	*			700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			15	C	22.46	C	31.40	*			700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			18	C	20.18	C	27.86	*			700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			21	C	13.26	C	28.58	*			700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			24	C	10.40	C	27.68	*			700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			30	C	9.30	C	27.90	*			700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			36			R	32.60				700	40		
28	07	66	04.2	PA	SHS3	37	00	75	10	37			24	23	07			36	C	9.20	C	30.81	*			700	40		
28	07	66	05.0	PA	SHS3	37	00	75	16	34								0			R	31.47				700	35		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			0			R	31.39				700	30		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			0	C	23.70	C	30.38	*			700	30		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			3	C	23.70	C	30.38	*			700	30		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			6	C	23.70	C	30.38	*			700	30		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			9	C	23.64	C	30.42	*			700	30		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			12	C	19.02	C	33.73	*			700	30		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			15	C	17.32	C	34.62	*			700	30		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			18	C	13.90						700	30		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			21	C	11.36						700	30		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			24	C	10.88						700	30		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			30	C	10.88						700	30		
28	07	66	05.9	PA	SHS3	37	00	75	22	30			25	25	07			30			R	32.44				700	30		
28	07	66	07.0	PA	SHS3	37	00	75	29	28								0			R	31.31				700	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.)		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	DIRXN		VELOCITY			
																							INSTR.	CODE	INSTR.	M/SEC.		
26	07	66	08.7	PA	SHS3	37	00	75	41	18								0			R	27.72				700	15		
28	07	66	09.3	PA	SHS3	37	00	75	47	21			24	23	06			0			R	30.46				700	10		
28	07	66	09.3	PA	SHS3	37	00	75	47	21			24	23	06			0	C	23.54	C	24.96	*			700	10		
28	07	66	09.3	PA	SHS3	37	00	75	47	21			24	23	06			3	C	23.58	C	25.86	*			700	10		
28	07	66	09.3	PA	SHS3	37	00	75	47	21			24	23	06			6	C	23.48	C	26.44	*			700	10		
28	07	66	09.3	PA	SHS3	37	00	75	47	21			24	23	06			9	C	23.44	C	27.02	*			700	10		
28	07	66	09.3	PA	SHS3	37	00	75	47	21			24	23	06			12	C	21.68	C	28.44	*			700	10		
28	07	66	09.3	PA	SHS3	37	00	75	47	21			24	23	06			15	C	13.76	C	33.85	*			700	10		
28	07	66	09.3	PA	SHS3	37	00	75	47	21			24	23	06			18	C	13.56	C	33.58	*			700	10		
28	07	66	09.3	PA	SHS3	37	00	75	47	21			24	23	06			21			R	32.19				700	10		
28	07	66	09.3	PA	SHS3	37	00	75	47	21			24	23	06			21	C	13.52	C	33.41	*			700	10		
24	07	66	09.3	PA	SHS3	37	00	75	47	13			25	21	05			0			R	27.31				700	10		
28	07	66	09.3	PA	SHS3	37	00	75	47	13			25	21	05			12			R	31.86				700	10		
26	07	66	10.7	PA	SHS3	37	00	75	53	11								0			R	27.84				700	05		
28	07	66	11.1	PA	SHS3	37	00	76	00	09			26	25	04			0			R	27.84				C	80		

SHS 4-66 22, 23, 26, 27 August 1966

Stations Sampled

640-08	650-05	700-10	710-10
640-10	650-06	700-15	710-15
640-15	650-07	700-20	710-20
640-20	650-10	700-25	710-25
640-25	650-15	700-30	710-30
640-30	650-25	700-35	710-35
640-35	650-31	700-40	710-40
640-40	650-40	700-45	710-45
640-45	650-41	700-50	710-50
640-50	650-45	700-55	710-55
640-55	650-51	700-60	710-60
640-60	650-57		
645-04	650-60		
	650-65		
	656-02		

Sampling Sequence

Date	Time	Station
22 Aug.	-	710-10
	-	710-15
23 Aug.	2.5	710-20
	3.1	710-25
	3.8	710-30
	4.2	710-35
	5.0	710-40
	5.8	710-45
	6.5	710-50
	7.3	710-55
	8.0	710-60
	11.2	700-60
	12.4	700-55
	13.5	700-50
	14.5	700-45
	15.4	700-40
	16.2	700-35
	17.0	700-30
	17.6	700-25
	18.5	700-20
	19.1	700-15
	19.9	700-10
26 Aug.	10.2	656-02
	11.3	650-07
	12.0	645-04
	12.9	650-06
	13.1	640-08
	13.5	640-10
	14.1	640-15
	14.7	640-20
	15.5	640-25
	16.1	640-30
	16.8	640-35
	18.5	640-40
	20.3	640-45
	21.0	640-50
	21.6	640-55
27 Aug.	12.3	640-60
	14.1	650-65
	15.5	650-60
	16.3	650-57
	17.0	650-51
	17.6	650-45
	18.5	650-41
	19.6	650-40
	20.6	650-31
	21.0	650-25
	21.8	650-15
	22.2	650-10
	23.9	650-05

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY			STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰					
22	08	66		PA	SHS4	37	10	75	47	09			26	22	08			0	C	24.24					710	10	
22	08	66		PA	SHS4	37	10	75	47	09			26	22	08			0			R	31.34			710	10	
22	08	66		PA	SHS4	37	10	75	47	09			26	22	08			3	C	23.78	C	31.50	*		710	10	
22	08	66		PA	SHS4	37	10	75	47	09			26	22	08			6	C	21.48	C	31.83	*		710	10	
22	08	66		PA	SHS4	37	10	75	47	09			26	22	08			9			R	31.69			710	10	
22	08	66		PA	SHS4	37	10	75	47	09			26	22	08			9	C	21.52	C	31.69	*		710	10	
22	08	66		PA	SHS4	37	10	75	47	09			26	22	08			0	C	24.24	R	31.34			710	10	
22	08	66		PA	SHS4	37	10	75	47	09			26	22	08			3	W	23.6					710	10	
22	08	66		PA	SHS4	37	10	75	47	09			26	22	08			6	W	21.4					710	10	
22	08	66		PA	SHS4	37	10	75	47	09			26	22	08			8	W	21.3					710	10	
22	08	66		PA	SHS4	37	10	75	47	09			26	22	08			9			R	31.69			710	10	
22	08	66		PA	SHS4	37	10	75	41	15								0	T	24.3	R	31.00			710	15	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			0	T	25.2	R	30.76			710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			0	C	25.26	C	30.93	*		710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			3	C	25.10	C	30.85	*		710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			6	C	21.72	C	31.70	*		710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			9	C	16.00	C	31.89	*		710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			12	C	13.50	C	32.36	*		710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			15			R	32.29			710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			15	C	13.00	C	32.46	*		710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			0	T	25.2	R	30.76			710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			3	W	25.2					710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			6	W	20.6					710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			9	W	13.8					710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			12	W	13.2					710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			14	W	13.0					710	20	
23	08	66	02.5	PA	SHS4	37	10	75	35	17			26	16	05			15			R	32.29			710	20	
23	08	66	03.1	PA	SHS4	37	10	75	28	22								0	T	25.5	R	30.62			710	25	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			0	T	25.8	R	31.08			710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			0	C	25.78	C	30.88	*		710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			3	C	25.76	C	30.83	*		710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			6	C	24.92	C	30.36	*		710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			9	C	24.22	C	31.41	*		710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			12	C	22.20	C	31.62	*		710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			15	C	13.78	C	32.66	*		710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			18	C	12.08	C	30.81	*		710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			21	C	09.88	C	32.61	*		710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			24	C	09.88	C	32.61	*		710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			27			R	32.59			710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			27	C	09.78	C	32.70	*		710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			0	T	25.8	R	31.08			710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			3	W	25.8					710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			6	W	25.0					710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			9	W	24.8					710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			12	W	22.5					710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			15	W	12.3					710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			18	W	9.9					710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			21	W	9.8					710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			24	W	9.8					710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			26	W	9.8					710	30	
23	08	66	03.8	PA	SHS4	37	10	75	22	27			26	12	05			27			R	32.59			710	30	
23	08	66	04.2	PA	SHS4	37	10	75	16	28								0	T	25.8	R	30.80			710	35	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			0	T	25.6	R	30.82			710	40	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			0	C	25.70	C	31.16	*		710	40	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			3	C	25.70	C	30.92	*		710	40	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			6	C	25.30	C	30.84	*		710	40	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			9	C	24.38	C	30.90	*		710	40	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			12	C	21.60	C	31.67	*		710	40	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			15	C	16.00	C	31.98	*		710	40	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			18	C	10.24	C	31.03	*		710	40	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			21	C	8.62	C	32.69	*		710	40	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			24	C	8.56	C	32.71	*		710	40	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			27			R	32.66			710	40	
23	08	66	05.0	PA	SHS4	37	10	75	10	27			26	12	05			27	C	8.48	C	32.76	*		710	40	

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH	TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY	SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M		°C	DIRECTION CODE	VELOCITY M/SEC.	M	M	INSTR.	°C	INSTR.	‰		
23	08	66	05.0	PA	SHS4	37	10	75	10	27		26	12	05		0	T	25.6	R	30.82	710	40
23	08	66	05.0	PA	SHS4	37	10	75	10	27		26	12	05		3	W	25.5			710	40
23	08	66	05.0	PA	SHS4	37	10	75	10	27		26	12	05		6	W	25.3			710	40
23	08	66	05.0	PA	SHS4	37	10	75	10	27		26	12	05		9	W	24.4			710	40
23	08	66	05.0	PA	SHS4	37	10	75	10	27		26	12	05		12	W	19.8			710	40
23	08	66	05.0	PA	SHS4	37	10	75	10	27		26	12	05		15	W	15.2			710	40
23	08	66	05.0	PA	SHS4	37	10	75	10	27		26	12	05		18	W	9.9			710	40
23	08	66	05.0	PA	SHS4	37	10	75	10	27		26	12	05		21	W	8.4			710	40
23	08	66	05.0	PA	SHS4	37	10	75	10	27		26	12	05		24	W	8.3			710	40
23	08	66	05.0	PA	SHS4	37	10	75	10	27		26	12	05		26	W	8.2			710	40
23	08	66	05.0	PA	SHS4	37	10	75	10	27		26	12	05		27			R	32.66	710	40
23	08	66	05.8	PA	SHS4	37	10	75	04	34						0	T	25.5	R	30.71	710	45
23	08	66	06.5	PA	SHS4	37	10	74	57	38						0	T	25.6	R	31.00	710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						0	C	25.58	C	30.28	* 710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						3	C	25.52	C	30.56	* 710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						6	C	24.52	C	31.38	* 710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						9	C	23.72	C	31.57	* 710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						12	C	22.54	C	32.06	* 710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						15	C	17.18	C	32.63	* 710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						18	C	13.20	C	32.53	* 710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						21	C	10.02	C	32.54	* 710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						24	C	8.76	C	32.81	* 710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						30	C	6.78	C	32.82	* 710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						36	C	6.62	C	32.89	* 710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						38			R	32.79	710	50
23	08	66	06.5	PA	SHS4	37	10	74	57	38						38	C	6.66	C	32.85	* 710	50
23	08	66	07.3	PA	SHS4	37	10	74	51	54						0	T	25.5	R	31.42	710	55
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		0	T	25.7	R	31.58	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		0	C	25.66	C	31.67	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		3	C	25.56	C	31.75	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		6	C	25.24	C	31.87	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		9	C	24.14	C	32.12	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		12	C	23.36	C	32.91	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		15	C	21.00	C	33.31	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		18	C	17.56	C	32.97	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		21	C	14.04	C	33.09	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		24	C	10.14	C	29.79	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		30	C	6.92	C	32.61	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		36			R	32.83	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		36	C	6.34	C	32.96	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		40	R	6.06	R	32.86	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		50	R	6.04	R	33.03	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		70	R	6.82	R	33.61	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		90	R	9.91	R	33.25	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		0	T	25.7	R	31.58	710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		3	W	25.4			710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		6	W	24.2			710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		9	W	23.5			710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		12	W	21.5			710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		15	W	18.4			710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		18	W	14.5			710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		21	W	10.2			710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		24	W	7.6			710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		27	W	6.4			710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		30	W	6.3			710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		35	W	6.2			710	60
23	08	66	08.0	PA	SHS4	37	10	74	45	90		28	12	05		36			R	32.83	710	60
23	08	66	11.2	PA	SHS4	37	00	74	45	73		28	12	05		0	R	26.3	R	31.36	700	60
23	08	66	11.2	PA	SHS4	37	00	74	45	73		28	12	05		0	C	26.10	C	31.43	700	60
23	08	66	11.2	PA	SHS4	37	00	74	45	73		28	12	05		3	C	26.08	C	31.42	700	60
23	08	66	11.2	PA	SHS4	37	00	74	45	73		28	12	05		6	C	25.52	C	31.49	700	60
23	08	66	11.2	PA	SHS4	37	00	74	45	73		28	12	05		9	C	24.52	C	31.64	700	60
23	08	66	11.2	PA	SHS4	37	00	74	45	73		28	12	05		12	C	23.40	C	32.15	700	60
23	08	66	11.2	PA	SHS4	37	00	74	45	73		28	12	05		15	C	21.76	C	33.27	700	60
23	08	66	11.2	PA	SHS4	37	00	74	45	73		28	12	05		18	C	21.00	C	33.60	700	60
23	08	66	11.2	PA	SHS4	37	00	74	45	73		28	12	05		21	C	17.98	C	33.91	700	60
23	08	66	11.2	PA	SHS4	37	00	74	45	73		28	12	05		24	C	15.00	C	33.39	700	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			STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰					
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			30	C	09.98	C	33.15			700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			36			R	32.91			700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			36	C	06.62	C	32.81			700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			40	R	6.48	R	32.82			700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			50	R	6.00	R	32.95			700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			60	R	7.08	R	33.52			700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			70	R	9.10	R	34.24			700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			0	T	26.3	R	31.36			700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			3	W	26.0					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			6	W	24.9					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			9	W	24.0					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			12	W	23.3					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			15	W	21.6					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			18	W	20.0					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			21	W	18.2					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			24	W	14.3					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			30	W	8.7					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			36	W	6.7					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			40	W	6.3					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			50	W	8.1					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			60	W	9.7					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			67	W	9.4					700	60		
23	08	66	11.2	PA	SHS4	37	00	74	45	73			28	12	05			70			R	34.24			700	60		
23	08	66	12.4	PA	SHS4	37	00	74	52	60								0			R	31.28			700	55		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			0	T	26.4	R	30.95			700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			0	C	26.00	C	30.14	*		700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			3	C	26.02	C	31.03	*		700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			6	C	25.24	C	31.31	*		700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			9	C	24.26	C	31.38	*		700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			12	C	22.42	C	31.70	*		700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			15	C	17.50	C	31.84	*		700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			18	C	11.36	C	32.41	*		700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			21	C	9.00	C	32.42	*		700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			24	C	7.88	C	32.77	*		700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			30	C	6.60	C	32.87	*		700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			36			R	32.90			700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			36	C	6.34	C	32.98	*		700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			0	T	26.4	R	30.95			700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			3	W	25.8					700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			6	W	24.8					700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			9	W	24.2					700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			12	W	18.2					700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			15	W	12.6					700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			18	W	9.4					700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			21	W	8.4					700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			24	W	8.0					700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			30	W	6.9					700	50		
23	08	66	13.5	PA	SHS4	37	00	74	57	45			28	19	06			36	W	6.9	R	32.90			700	50		
23	08	66	14.5	PA	SHS4	37	00	75	04	44								0	T	25.9	R	30.83			700	45		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			0	T	26.1	R	31.29			700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			0	C	26.00	C	30.50	*		700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			3	C	25.90	C	30.53	*		700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			6	C	25.28	C	30.37	*		700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			9	C	24.52	C	30.36	*		700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			12	C	22.32	C	30.48	*		700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			15	C	19.28	C	30.99	*		700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			18	C	12.50	C	31.60	*		700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			21	C	9.64	C	32.33	*		700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			24	C	7.68	C	32.85	*		700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			30	C	7.48	C	32.73	*		700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			36			R	32.76			700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			36	C	7.44	C	32.75	*		700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			0	T	26.1	R	31.29			700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			3	W	25.3					700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			6	W	24.6					700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			9	W	24.4					700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			12	W	19.0					700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			15	W	13.3					700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			18	W	9.0					700	40		
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			21	W	7.3					700	40		

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY			STATION DESIGNATION		
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰				
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			24	W	7.3					700	40
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			30	W	7.3					700	40
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			32	W	7.3					700	40
23	08	66	15.4	PA	SHS4	37	00	75	10	37			27	19	05			36			R	32.76			700	40
23	08	66	16.2	PA	SHS4	37	00	75	16	34								0	T	26.0	R	31.24			700	35
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			0	T	25.8	R	31.34			700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			0	C	25.86	C	30.41	*		700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			3	C	25.82	C	30.56	*		700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			6	C	25.58	C	30.56	*		700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			9	C	22.40	C	30.60	*		700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			12	C	17.74	C	32.08	*		700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			15	C	15.14	C	32.04	*		700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			18	C	11.02	C	32.49	*		700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			21	C	9.82	C	32.60	*		700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			24	C	9.72	C	32.62	*		700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			29			R	32.63			700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			29	C	9.50	C	32.72	*		700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			0	T	25.8	R	31.34			700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			3	W	25.8					700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			6	W	25.6					700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			9	W	22.3					700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			12	W	17.5					700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			15	W	12.7					700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			18	W	10.7					700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			21	W	9.7					700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			24	W	9.6					700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			27	W	9.5					700	30
23	08	66	17.0	PA	SHS4	37	00	75	22	29			27	19	07			29			R	32.63			700	30
23	08	66	17.6	PA	SHS4	37	00	75	29	28								0	T	25.7	R	30.80			700	25
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			0	T	25.0	R	29.91			700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			0	C	25.06	C	29.99			700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			3	C	25.30	C	29.33			700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			6	C	22.90	C	30.94			700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			9	C	16.80	C	32.21			700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			12	C	13.00	C	32.43			700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			15	C	12.48	C	32.43			700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			18			R	32.33			700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			18	C	12.30	C	32.44			700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			0	T	25.0	R	29.91			700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			3	W	25.2					700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			6	W	23.0					700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			9	W	15.3					700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			12	W	12.5					700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			15	W	12.2					700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			16	W	12.1					700	20
23	08	66	18.5	PA	SHS4	37	00	75	35	20			26	19	06			18			R	32.33			700	20
23	08	66	19.1	PA	SHS4	37	00	75	41	18								0	T	23.1	R	29.64			700	15
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			0			R	30.30			700	10
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			0	C	23.94	C	29.43	*		700	10
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			3	C	18.62	C	30.78	*		700	10
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			6	C	15.26	C	30.99	*		700	10
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			9	C	15.06	C	31.27	*		700	10
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			12			R	32.11			700	10
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			12	C	15.02	C	32.19	*		700	10
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			0	T	23.9	R	30.30			700	10
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			3	W	18.3					700	10
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			6	W	14.9					700	10
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			9	W	14.8					700	10
23	08	66	19.9	PA	SHS4	37	00	75	47	13			25	00	00			12	W	14.8	R	32.11			700	10
26	08	66	10.2	PA	SHS4	36	56	75	58	09			23	00	00			0	T	22.7	R	26.84			656	02
26	08	66	10.2	PA	SHS4	36	56	75	58	09			23	00	00			0	C	22.58	C	26.17	*		656	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			STATION DESIGNATION		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
26	08	66	10.2	PA	SHS4	36	56	75	58	09			23	00	00			3	C	20.24	C	28.99	*		656	02
26	08	66	10.2	PA	SHS4	36	56	75	58	09			23	00	00			6	C	18.76	C	30.25	*		656	02
26	08	66	10.2	PA	SHS4	36	56	75	58	09			23	00	00			9			R	31.37			656	02
26	08	66	10.2	PA	SHS4	36	56	75	58	09			23	00	00			9	C	18.70	C	30.29	*		656	02
26	08	66	10.2	PA	SHS4	36	56	75	58	09			23	00	00			0	T	22.7	R	26.84			656	02
26	08	66	10.2	PA	SHS4	36	56	75	58	09			23	00	00			3	W	19.7					656	02
26	08	66	10.2	PA	SHS4	36	56	75	58	09			23	00	00			6	W	18.3					656	02
26	08	66	10.2	PA	SHS4	36	56	75	58	09			23	00	00			9	W	18.3	R	31.37			656	02
26	08	66	11.3	PA	SHS4	36	50	75	51	09			24	33	01			0	T	22.7	R	28.70			650	07
26	08	66	11.3	PA	SHS4	36	50	75	51	09			24	33	01			0	C	22.88	C	28.45	*		650	07
26	08	66	11.3	PA	SHS4	36	50	75	51	09			24	33	01			3	C	21.46	C	28.81	*		650	07
26	08	66	11.3	PA	SHS4	36	50	75	51	09			24	33	01			6	C	18.42	C	30.44	*		650	07
26	08	66	11.3	PA	SHS4	36	50	75	51	09			24	33	01			9			R	31.72			650	07
26	08	66	11.3	PA	SHS4	36	50	75	51	09			24	33	01			9	C	18.12	C	30.64	*		650	07
26	08	66	11.3	PA	SHS4	36	50	75	51	09			24	33	01			0	T	22.7	R	28.70			650	07
26	08	66	11.3	PA	SHS4	36	50	75	51	09			24	33	01			3	W	20.1					650	07
26	08	66	11.3	PA	SHS4	36	50	75	51	09			24	33	01			6	W	18.2					650	07
26	08	66	11.3	PA	SHS4	36	50	75	51	09			24	33	01			9	W	17.9	R	31.72			650	07
26	08	66	12.0	PA	SHS4	36	45	75	55	10			24	33	01			0	T	23.3	R	29.73			645	04
26	08	66	12.0	PA	SHS4	36	45	75	55	10			24	33	01			0	C	22.94	C	28.25	*		645	04
26	08	66	12.0	PA	SHS4	36	45	75	55	10			24	33	01			3	C	22.98	C	28.75	*		645	04
26	08	66	12.0	PA	SHS4	36	45	75	55	10			24	33	01			6	C	22.82	C	29.55	*		645	04
26	08	66	12.0	PA	SHS4	36	45	75	55	10			24	33	01			9	C	18.36	C	30.97	*		645	04
26	08	66	12.0	PA	SHS4	36	45	75	55	10			24	33	01			10			R	31.84			645	04
26	08	66	12.0	PA	SHS4	36	45	75	55	10			24	33	01			0	T	23.3	R	29.73			645	04
26	08	66	12.0	PA	SHS4	36	45	75	55	10			24	33	01			3	W	23.2					645	04
26	08	66	12.0	PA	SHS4	36	45	75	55	10			24	33	01			6	W	23.3					645	04
26	08	66	12.0	PA	SHS4	36	45	75	55	10			24	33	01			9	W	18.6					645	04
26	08	66	12.0	PA	SHS4	36	45	75	55	10			24	33	01			10			R	31.84			645	04
26	08	66	12.9	PA	SHS4	36	50	75	52	09			26	00	00			0	T	23.3	R	28.19			650	06
26	08	66	12.9	PA	SHS4	36	50	75	52	09			26	00	00			0	C	23.06	C	27.27	*		650	06
26	08	66	12.9	PA	SHS4	36	50	75	52	09			26	00	00			3	C	23.36	C	28.22	*		650	06
26	08	66	12.9	PA	SHS4	36	50	75	52	09			26	00	00			6	C	23.28	C	29.59	*		650	06
26	08	66	12.9	PA	SHS4	36	50	75	52	09			26	00	00			9			R	32.23			650	06
26	08	66	12.9	PA	SHS4	36	50	75	52	09			26	00	00			9	C	16.76	C	31.12	*		650	06
26	08	66	12.9	PA	SHS4	36	50	75	52	09			26	00	00			0	T	23.3	R	28.19			650	06
26	08	66	12.9	PA	SHS4	36	50	75	52	09			26	00	00			3	W	23.6					650	06
26	08	66	12.9	PA	SHS4	36	50	75	52	09			26	00	00			6	W	22.3					650	06
26	08	66	12.9	PA	SHS4	36	50	75	52	09			26	00	00			9	W	17.1	R	32.23			650	06
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			0	T	23.0	R	30.35			640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			0	C	23.10	C	29.40	*		640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			3	C	23.02	C	29.42	*		640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			6	C	23.12	C	30.02	*		640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			9	C	22.22	C	30.31	*		640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			12	C	15.98	C	31.16	*		640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			16			R	32.32			640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			16	C	15.84	C	31.15	*		640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			0	T	23.0	R	30.35			640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			3	W	23.0					640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			6	W	23.1					640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			9	W	22.5					640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			12	W	16.0					640	08
26	08	66	13.1	PA	SHS4	36	40	75	50	16			26	00	00			16	W	15.7	R	32.32			640	08
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			0	T	23.5	R	30.84			640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			0	C	23.64	C	29.84	*		640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			3	C	23.40	C	29.90	*		640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			6	C	23.38	C	29.90	*		640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			9	C	23.20	C	30.39	*		640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			12	C	17.12	C	31.17	*		640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			15	C	15.96	C	31.18	*		640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			20			R	32.35			640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			20	C	15.82	C	31.34	*		640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			0	T	23.5	R	30.84			640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			3	W	23.3					640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			6	W	23.2					640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			9	W	23.1					640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			12	W	16.9					640	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			STATION DESIGNATION		
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			15	W	15.7					640	10
26	08	66	13.5	PA	SHS4	36	40	75	47	20			25	00	00			20	W	15.6	R	32.35			640	10
26	08	66	14.1	PA	SHS4	36	40	75	41	18								0	T	24.2	R	31.27			640	15
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			0	T	24.1	R	31.49			640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			0	C	24.46	C	30.59	*		640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			3	C	24.10	C	30.62	*		640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			6	C	23.60	C	30.54	*		640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			9	C	23.44	C	30.67	*		640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			12	C	20.68	C	30.96	*		640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			15	C	16.00	C	31.24	*		640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			19			R	32.37			640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			19	C	15.66	C	31.29	*		640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			0	T	24.1	R	31.49			640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			3	W	24.1					640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			6	W	23.9					640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			9	W	23.8					640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			12	W	21.1					640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			15	W	16.2					640	20
26	08	66	14.7	PA	SHS4	36	40	75	35	19			26	00	00			19	W	15.9	R	32.37			640	20
26	08	66	15.5	PA	SHS4	36	40	75	29	22								0	T	25.5	R	31.31			640	25
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			0	T	24.4	R	31.41			640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			0	C	24.86	C	30.73	*		640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			3	C	24.18	C	30.45	*		640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			6	C	23.90	C	30.58	*		640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			9	C	22.26	C	30.72	*		640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			12	C	18.14	C	31.17	*		640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			15	C	15.48	C	31.27	*		640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			18	C	15.50	C	31.21	*		640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			20			R	32.36			640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			20	C	15.52	C	31.10	*		640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			0	T	24.4	R	31.41			640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			3	W	23.8					640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			6	W	23.6					640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			9	W	22.4					640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			12	W	17.7					640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			15	W	15.1					640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			18	W	15.0					640	30
26	08	66	16.1	PA	SHS4	36	40	75	22	20			24	00	00			20	W	15.0	R	32.36			640	30
26	08	66	16.8	PA	SHS4	36	40	75	16	24								0			R	31.47			640	35
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			0	T	24.2	R	31.43			640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			0	C	24.74	C	30.62	*		640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			6	C	24.18	C	30.62	*		640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			9	C	24.12	C	30.71	*		640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			12	C	24.02	C	30.73	*		640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			15	C	20.24	C	30.82	*		640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			18	C	18.62	C	30.96	*		640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			21	C	12.90	C	31.59	*		640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			24	C	11.96	C	31.17	*		640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			30			R	32.58			640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			30	C	11.18	C	31.20	*		640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			0	T	24.2	R	31.43			640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			3	W	23.8					640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			6	W	23.6					640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			9	W	23.5					640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			12	W	23.5					640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			15	W	20.9					640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			18	W	17.1					640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			21	W	11.9					640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			24	W	11.1					640	40
26	08	66	18.5	PA	SHS4	36	40	75	10	30			24	00	00			30	W	10.4	R	32.58			640	40
26	08	66	20.3	PA	SHS4	36	40	75	04	28								0	T	24.3	R	31.58			640	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			STATION DESIGNATION				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰					
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			0	T	24.1	R	31.28			640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			0	C	24.24	C	30.44	*		640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			3	C	24.08	C	30.30	*		640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			6	C	23.82	C	30.29	*		640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			9	C	23.76	C	30.37	*		640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			12	C	22.62	C	30.66	*		640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			15	C	15.32	C	31.15	*		640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			18	C	10.98	C	31.62	*		640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			21	C	8.92	C	31.31	*		640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			24	C	8.88	C	31.25	*		640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			27	C	8.86	C	31.25	*		640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			30			R	32.34			640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			30	C	8.82	C	31.40	*		640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			0	T	24.1	R	31.28			640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			3	W	24.0					640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			6	W	23.9					640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			9	W	25.5					640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			12	W	19.1					640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			15	W	12.7					640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			18	W	9.1					640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			21	W	9.0					640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			24	W	9.0					640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			27	W	9.0					640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			28	W	9.0					640	50	
26	08	66	21.0	PA	SHS4	36	40	74	57	32			25	00	00			30			R	32.34			640	50	
26	08	66	21.6	PA	SHS4	36	40	74	51	52								0	T	24.7	R	31.34			640	55	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			0	T	24.6	R	31.85			640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			0	C	24.56	C	30.72	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			3	C	24.18	C	30.90	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			6	C	24.04	C	30.91	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			9	C	23.92	C	30.99	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			12	C	23.30	C	31.19	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			15	C	17.50	C	31.46	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			18	C	13.82	C	31.31	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			21	C	11.78	C	32.10	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			24	C	9.94	C	31.31	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			27	C	07.10	C	31.83	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			30	C	6.74	C	31.42	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			36			R	32.79			640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			36	C	6.82	C	31.25	*		640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			40	R	6.73	R	32.81			640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			50	R	6.66	R	32.82			640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			60	R	6.58	R	32.84			640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			75	R	5.92	R	32.89			640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			0	T	24.6	R	31.85			640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			3	W	24.6					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			6	W	24.4					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			9	W	24.0					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			12	W	19.7					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			15	W	15.0					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			18	W	12.5					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			21	W	11.0					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			24	W	9.2					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			27	W	8.1					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			30	W	7.3					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			36	W	7.2					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			40	W	7.2					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			50	W	7.2					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			60	W	7.1					640	60	
27	08	66	12.3	PA	SHS4	36	40	74	45	88			25	10	03			70	W	7.0	R	32.89			640	60	
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			0	T	25.0	R	32.18			650	65	
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			0	C	24.82	C	31.43	*		650	65	
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			3	C	24.38	C	31.33	*		650	65	
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			6	C	24.26	C	31.43	*		650	65	
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			9	C	24.24	C	30.86	*		650	65	
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			12	C	23.96	C	31.66	*		650	65	
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			15	C	22.16	C	31.87	*		650	65	
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			18	C	20.42	C	32.80	*		650	65	
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			21	C	18.86	C	32.79	*		650	65	
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			24	C	17.08	C	33.00	*		650	65	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY			STATION DESIGNATION		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			27	C	15.70	C	33.26	*		650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			30	C	14.66	C	32.88	*		650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			36			R	34.16			650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			36	C	12.42	C	32.98	*		650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			40	R	12.03	R	34.16			650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			80	R	6.73	R	34.85			650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			120	R	6.72	R	35.10			650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			135			R	33.13			650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			180	R	8.77	R	35.05			650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			0	T	25.0	R	32.18			650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			3	W	25.0					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			6	W	25.0					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			9	W	25.1					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			12	W	25.0					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			15	W	24.0					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			18	W	22.3					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			21	W	18.9					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			24	W	16.3					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			27	W	15.3					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			30	W	13.1					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			40	W	12.6					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			80	W	11.8					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			120	W	11.7					650	65
27	08	66	14.1	PA	SHS4	36	50	74	39				26	11	04			135	W	11.4	R	35.05			650	65
27	08	66	15.5	PA	SHS4	36	50	74	45	73								0	T	24.9	R	31.82			650	60
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			0	T	24.8	R	31.72			650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			0	C	24.86	C	30.90	*		650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			3	C	24.78	C	30.93	*		650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			6	C	24.68	C	30.84	*		650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			9	C	24.32	C	30.88	*		650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			12	C	22.80	C	31.09	*		650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			15	C	17.12	C	31.39	*		650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			18	C	8.18	C	31.28	*		650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			21	C	7.76	C	31.42	*		650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			24	C	7.68	C	31.31	*		650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			27	C	7.60	C	31.41	*		650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			30	C	7.54					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			36			R	32.74			650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			36	C	7.54	C	31.60	*		650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			0	T	24.8	R	31.72			650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			3	W	24.6					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			6	W	24.6					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			9	W	24.6					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			12	W	21.4					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			15	W	9.9					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			18	W	7.9					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			21	W	7.8					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			24	W	7.8					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			27	W	7.8					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			30	W	7.8					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			34	W	7.8					650	57
27	08	66	16.3	PA	SHS4	36	50	74	50	51			24	11	03			36			R	32.74			650	57
27	08	66	17.0	PA	SHS4	36	50	74	57	38								0	T	24.9	R	31.42			650	51
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			0	T	24.4	R	31.15			650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			0	C	24.44	C	30.33	*		650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			3	C	24.40	C	30.71	*		650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			6	C	24.08	C	30.20	*		650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			9	C	23.98	C	30.21	*		650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			12	C	23.70	C	30.22	*		650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			15	C	21.72	C	30.57	*		650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			18	C	19.08	C	30.83	*		650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			21	C	10.78	C	31.40	*		650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			24	C	10.48	C	31.31	*		650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			29			R	32.60			650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			29	C	10.40	C	31.25	*		650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			0	T	24.4	R	31.15			650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			3	W	24.3					650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			6	W	23.9					650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			9	W	23.9					650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			12	W	23.6					650	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			STATION DESIGNATION		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			15	W	22.3					650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			18	W	19.0					650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			21	W	10.3					650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			24	W	10.1					650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			28	W	10.1					650	45
27	08	66	17.6	PA	SHS4	36	50	75	03	29			24	27	03			29			R	32.60			650	45
27	08	66	18.5	PA	SHS4	36	50	75	08	36								0	T	24.5	R	31.15			650	41
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			0	T	24.4	R	31.37			650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			0	C	24.40	C	30.58	*		650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			3	C	24.38	C	30.57	*		650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			6	C	24.08	C	30.49	*		650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			9	C	19.86	C	30.92	*		650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			12	C	17.26	C	31.25	*		650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			15	C	12.74	C	31.21	*		650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			18	C	12.56	C	31.20	*		650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			21	C	12.34	C	31.50	*		650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			24	C	12.34	C	31.45	*		650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			27			R	32.50			650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			27	C	12.30	C	31.47	*		650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			0	T	24.4	R	31.37			650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			3	W	24.2					650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			6	W	23.8					650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			9	W	19.9					650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			12	W	17.1					650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			15	W	12.3					650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			18	W	12.1					650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			21	W	12.1					650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			24	W	12.1					650	40
27	08	66	19.6	PA	SHS4	36	50	75	10	27			24	27	03			27	W	12.1	R	32.50			650	40
27	08	66	20.6	PA	SHS4	36	50	75	21	26								0	T	24.4	R	31.38			650	31
27	08	66	21.0	PA	SHS4	36	50	75	28	19			24	23	02			0	T	24.3	R	31.50			650	25
27	08	66	21.0	PA	SHS4	36	50	75	28	19			24	23	02			0	C	24.30	C	30.58	*		650	25
27	08	66	21.0	PA	SHS4	36	50	75	28	19			24	23	02			3	C	24.34	C	30.65	*		650	25
27	08	66	21.0	PA	SHS4	36	50	75	28	19			24	23	02			6	C	24.10	C	30.83	*		650	25
27	08	66	21.0	PA	SHS4	36	50	75	28	19			24	23	02			9	C	24.00	C	30.67	*		650	25
27	08	66	21.0	PA	SHS4	36	50	75	28	19			24	23	02			12	C	21.34	C	30.93	*		650	25
27	08	66	21.0	PA	SHS4	36	50	75	28	19			24	23	02			15	C	16.58	C	31.31	*		650	25
27	08	66	21.0	PA	SHS4	36	50	75	28	19			24	23	02			19			R	32.33			650	25
27	08	66	21.0	PA	SHS4	36	50	75	28	19			24	23	02			19	C	16.10	C	31.36	*		650	25
27	08	66	21.8	PA	SHS4	36	50	75	35	15								0	T	24.5	R	31.65			650	20
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			0	T	23.9	R	31.70			650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			0	C	23.84	C	30.95	*		650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			3	C	23.48	C	31.03	*		650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			6	C	23.40	C	30.84	*		650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			9	C	23.06	C	30.93	*		650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			12	C	20.42	C	31.17	*		650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			15	C	15.64	C	31.49	*		650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			18	C	15.62	C	31.42	*		650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			19			R	32.39			650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			19	C	15.62	C	31.42	*		650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			0	T	23.9	R	31.70			650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			3	W	23.6					650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			6	W	23.3					650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			9	W	23.0					650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			12	W	20.6					650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			15	W	15.5					650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			18	W	15.4					650	15
27	08	66	22.2	PA	SHS4	36	50	75	41	19			25	24	02			19	W	15.4	R	32.39			650	15
27	08	66	23.0	PA	SHS4	36	50	75	47	15								0	T	23.5	R	30.84			650	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		STATION DESIGNATION											
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰											
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			0	T	23.7	R	30.04								650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			0	C	23.70	C	28.88	*							650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			3	C	23.76	C	29.64	*							650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			6	C	22.98	C	30.23	*							650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			9	C	22.30	C	30.88	*							650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			12	C	17.86	C	30.83	*							650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			14			C	32.18	*							650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			14	C	16.74	C	31.28	*							650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			0	T	23.7	R	30.04								650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			3	W	23.6										650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			6	W	22.9										650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			9	W	22.4										650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			12	W	17.7										650	05		
27	08	66	23.9	PA	SHS4	36	50	75	53	14			24	27	03			14	W	16.6	R	32.18								650	05		

SHS 5-66 26 to 29 September 1966

Stations Sampled

640-10	650-05	700-00(CBO)	710-10
640-20	650-15	700-10	710-20
640-26	650-25	700-20	710-30
640-36	650-37	700-30	710-40
640-50	650-45	700-40	710-50
640-60	650-57	700-50	710-60
	650-65	700-60	

Sampling Sequence

Date	Time	Station	Date	Time	Station
26 Sept.	23.0	710-10	28 Sept.	12.0	650-05
27 Sept.	0.5	710-20		13.5	640-10
	1.6	710-30		15.1	640-20
	3.0	710-40		16.3	640-26
	4.5	710-50		18.0	640-36
	6.9	710-60		19.9	640-50
	9.4	700-60		21.6	640-60
	11.6	650-65	29 Sept.	0.8	700-50
	13.5	650-57		2.5	700-40
	15.0	650-45		4.0	700-30
	16.6	650-37		5.5	700-20
	17.9	650-25		7.1	700-10
	19.0	650-15		10.0	700-00(CBO)

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
26	09	66	23.0	PA	SHS5	37	10	75	47	08								0	T	20.5	R	31.08	710	10
26	09	66	23.0	PA	SHS5	37	10	75	47	08								3	W	20.5	R	31.05	710	10
26	09	66	23.0	PA	SHS5	37	10	75	47	08								8			R	31.07	710	10
27	09	66	00.5	PA	SHS5	37	10	75	35	17								0	T	20.8	R	31.34	710	20
27	09	66	00.5	PA	SHS5	37	10	75	35	17								2	W	20.8	R	31.43	710	20
27	09	66	00.5	PA	SHS5	37	10	75	35	17								7	W	20.8	R	31.40	710	20
27	09	66	00.5	PA	SHS5	37	10	75	35	17								12	W	21.1	R	31.35	710	20
27	09	66	00.5	PA	SHS5	37	10	75	35	17								17			R	31.69	710	20
27	09	66	01.6	PA	SHS5	37	10	75	22	25								0	T	19.5	R	32.28	710	30
27	09	66	01.6	PA	SHS5	37	10	75	22	25								5	W	19.5	R	32.26	710	30
27	09	66	01.6	PA	SHS5	37	10	75	22	25								10	W	19.5	R	32.29	710	30
27	09	66	01.6	PA	SHS5	37	10	75	22	25								15	W	19.5	R	32.32	710	30
27	09	66	01.6	PA	SHS5	37	10	75	22	25								20	W	19.5	R	32.31	710	30
27	09	66	01.6	PA	SHS5	37	10	75	22	25								25			R	32.30	710	30
27	09	66	03.0	PA	SHS5	37	10	75	10	25								0	T	20.1	R	32.51	710	40
27	09	66	03.0	PA	SHS5	37	10	75	10	25								5	W	20.1	R	32.47	710	40
27	09	66	03.0	PA	SHS5	37	10	75	10	25								10	W	20.1	R	32.47	710	40
27	09	66	03.0	PA	SHS5	37	10	75	10	25								15	W	20.1	R	32.47	710	40
27	09	66	03.0	PA	SHS5	37	10	75	10	25								20	W	20.1	R	32.50	710	40
27	09	66	03.0	PA	SHS5	37	10	75	10	25								25	W	14.1	R	32.56	710	40
27	09	66	04.5	PA	SHS5	37	10	74	58	40								0	T	19.9	R	32.48	710	50
27	09	66	04.5	PA	SHS5	37	10	74	58	40								5	W	20.0	R	32.48	710	50
27	09	66	04.5	PA	SHS5	37	10	74	58	40								10	W	20.0	R	32.48	710	50
27	09	66	04.5	PA	SHS5	37	10	74	58	40								15	W	19.9	R	32.47	710	50
27	09	66	04.5	PA	SHS5	37	10	74	58	40								20	W	19.9	R	32.48	710	50
27	09	66	04.5	PA	SHS5	37	10	74	58	40								25	W	12.0	R	32.48	710	50
27	09	66	04.5	PA	SHS5	37	10	74	58	40								30	W	10.2	R	32.48	710	50
27	09	66	04.5	PA	SHS5	37	10	74	58	40								35	W	09.1	R	32.54	710	50
27	09	66	04.5	PA	SHS5	37	10	74	58	40								40			R	32.54	710	50
27	09	66	06.9	PA	SHS5	37	10	74	45	70								0	T	19.7	R	33.08	710	60
27	09	66	06.9	PA	SHS5	37	10	74	45	70								5	W	19.7	R	33.09	710	60
27	09	66	06.9	PA	SHS5	37	10	74	45	70								10	W	19.8	R	33.12	710	60
27	09	66	06.9	PA	SHS5	37	10	74	45	70								15	W	19.8	R	33.10	710	60
27	09	66	06.9	PA	SHS5	37	10	74	45	70								20	W	19.8	R	33.11	710	60
27	09	66	06.9	PA	SHS5	37	10	74	45	70								25	W	18.7	R	33.09	710	60
27	09	66	06.9	PA	SHS5	37	10	74	45	70								30	W	13.5	R	33.21	710	60
27	09	66	06.9	PA	SHS5	37	10	74	45	70								50	W	07.1	R	33.02	710	60
27	09	66	06.9	PA	SHS5	37	10	74	45	70								70	W	09.5	R	34.24	710	60
27	09	66	09.4	PA	SHS5	37	00	74	45	70								0	T	20.0	R	32.05	700	60
27	09	66	09.4	PA	SHS5	37	00	74	45	70								5			R	32.04	700	60
27	09	66	09.4	PA	SHS5	37	00	74	45	70								10			R	32.17	700	60
27	09	66	09.4	PA	SHS5	37	00	74	45	70								15			R	32.33	700	60
27	09	66	09.4	PA	SHS5	37	00	74	45	70								20			R	32.36	700	60
27	09	66	09.4	PA	SHS5	37	00	74	45	70								25			R	32.51	700	60
27	09	66	09.4	PA	SHS5	37	00	74	45	70								30			R	32.55	700	60
27	09	66	09.4	PA	SHS5	37	00	74	45	70								50			R	33.18	700	60
27	09	66	09.4	PA	SHS5	37	00	74	45	70								70			R	34.16	700	60
27	09	66	11.6	PA	SHS5	36	50	74	39	140								0	T	20.2	R	32.15	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								5	W	20.2	R	32.15	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								10	W	20.2	R	32.19	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								15	W	18.8	R	32.15	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								20	W	15.6	R	32.46	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								25	W	14.1	R	32.55	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								30	W	14.2	R	33.47	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								40	W	10.8	R	33.91	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								50	W	08.5	R	33.56	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								70	W	08.1	R	33.55	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								90	W	09.0	R	33.79	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								110	W	10.0	R	34.59	650	65
27	09	66	11.6	PA	SHS5	36	50	74	39	140								120	W	10.1	R	34.73	650	65

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
27	09	66	13.5	PA	SHS5	36	50	74	50	40								0	T	20.5	R	31.91	650	57
27	09	66	13.5	PA	SHS5	36	50	74	50	40								5	W	20.3	R	31.90	650	57
27	09	66	13.5	PA	SHS5	36	50	74	50	40								10	W	20.0	R	31.89	650	57
27	09	66	13.5	PA	SHS5	36	50	74	50	40								15	W	19.8	R	31.97	650	57
27	09	66	13.5	PA	SHS5	36	50	74	50	40								20	W	15.8	R	32.08	650	57
27	09	66	13.5	PA	SHS5	36	50	74	50	40								25	W	14.0	R	32.25	650	57
27	09	66	13.5	PA	SHS5	36	50	74	50	40								30	W	07.8	R	32.70	650	57
27	09	66	13.5	PA	SHS5	36	50	74	50	40								35	W	07.8	R	33.12	650	57
27	09	66	13.5	PA	SHS5	36	50	74	50	40								40	W	07.8	R	33.13	650	57
27	09	66	15.0	PA	SHS5	36	50	75	03	35				12	05			0	T	20.7	R	31.90	650	45
27	09	66	15.0	PA	SHS5	36	50	75	03	35				12	05			5	W	20.6	R	31.90	650	45
27	09	66	15.0	PA	SHS5	36	50	75	03	35				12	05			10	W	20.5	R	31.91	650	45
27	09	66	15.0	PA	SHS5	36	50	75	03	35				12	05			15	W	20.4	R	31.92	650	45
27	09	66	15.0	PA	SHS5	36	50	75	03	35				12	05			20	W	17.2	R	31.97	650	45
27	09	66	15.0	PA	SHS5	36	50	75	03	35				12	05			25	W	14.0	R	31.90	650	45
27	09	66	15.0	PA	SHS5	36	50	75	03	35				12	05			30			R	32.37	650	45
27	09	66	15.0	PA	SHS5	36	50	75	03	35				12	05			35			R	31.89	650	45
27	09	66	16.6	PA	SHS5	36	50	75	15	24								0	T	20.9	R	31.89	650	37
27	09	66	16.6	PA	SHS5	36	50	75	15	24								5	W	20.7	R	31.92	650	37
27	09	66	16.6	PA	SHS5	36	50	75	15	24								10	W	20.6	R	31.91	650	37
27	09	66	16.6	PA	SHS5	36	50	75	15	24								15	W	20.3	R	31.90	650	37
27	09	66	16.6	PA	SHS5	36	50	75	15	24								20	W	19.7	R	31.89	650	37
27	09	66	17.9	PA	SHS5	36	50	75	28	20								0			R	31.53	650	25
27	09	66	17.9	PA	SHS5	36	50	75	28	20								5			R	31.55	650	25
27	09	66	17.9	PA	SHS5	36	50	75	28	20								10			R	31.60	650	25
27	09	66	17.9	PA	SHS5	36	50	75	28	20								15			R	31.62	650	25
27	09	66	17.9	PA	SHS5	36	50	75	28	20								20			R	31.70	650	25
27	09	66	19.0	PA	SHS5	36	50	75	41	15								0	T	21.3	R	31.30	650	15
27	09	66	19.0	PA	SHS5	36	50	75	41	15								5	W	21.2	R	31.28	650	15
27	09	66	19.0	PA	SHS5	36	50	75	41	15								10	W	21.1	R	31.27	650	15
27	09	66	19.0	PA	SHS5	36	50	75	41	15								15	W	21.1	R	31.30	650	15
28	09	66	12.0	PA	SHS5	36	50	75	53	10								0	T	21.5	R	27.10	650	05
28	09	66	12.0	PA	SHS5	36	50	75	53	10								5	W	21.3	R	28.40	650	05
28	09	66	12.0	PA	SHS5	36	50	75	53	10								10	W	21.6	R	30.34	650	05
28	09	66	13.5	PA	SHS5	36	40	75	47	20								0	T	21.5	R	29.87	640	10
28	09	66	13.5	PA	SHS5	36	40	75	47	20								5	W	21.3	R	30.45	640	10
28	09	66	13.5	PA	SHS5	36	40	75	47	20								10	W	21.3	R	31.16	640	10
28	09	66	13.5	PA	SHS5	36	40	75	47	20								15	W	21.0	R	31.41	640	10
28	09	66	13.5	PA	SHS5	36	40	75	47	20								20			R	31.57	640	10
28	09	66	15.1	PA	SHS5	36	40	75	35	15								0	T	21.9	R	31.25	640	20
28	09	66	15.1	PA	SHS5	36	40	75	35	15								5	W	21.2	R	31.27	640	20
28	09	66	15.1	PA	SHS5	36	40	75	35	15								10	W	21.0	R	31.31	640	20
28	09	66	15.1	PA	SHS5	36	40	75	35	15								15	W	20.7	R	31.39	640	20
28	09	66	16.3	PA	SHS5	36	40	75	27	18								0	T	21.2	R	31.41	640	26
28	09	66	16.3	PA	SHS5	36	40	75	27	18								5	W	21.2	R	31.51	640	26
28	09	66	16.3	PA	SHS5	36	40	75	27	18								10	W	20.7	R	31.65	640	26
28	09	66	16.3	PA	SHS5	36	40	75	27	18								15	W	20.2	R	31.78	640	26
28	09	66	16.3	PA	SHS5	36	40	75	27	18								18	W	20.1	R	31.85	640	26
28	09	66	18.0	PA	SHS5	36	40	75	15	30								0	T	20.9	R	31.81	640	36
28	09	66	18.0	PA	SHS5	36	40	75	15	30								5	W	20.8	R	31.90	640	36
28	09	66	18.0	PA	SHS5	36	40	75	15	30								10	W	20.7	R	31.90	640	36
28	09	66	18.0	PA	SHS5	36	40	75	15	30								15	W	20.3	R	31.96	640	36
28	09	66	18.0	PA	SHS5	36	40	75	15	30								20	W	18.8	R	32.01	640	36
28	09	66	18.0	PA	SHS5	36	40	75	15	30								25	W	16.3	R	32.17	640	36
28	09	66	18.0	PA	SHS5	36	40	75	15	30								30	W	16.2	R	32.17	640	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
28	09	66	19.9	PA	SHS5	36	40	74	57	25								0	T	20.7	R	31.87	640	50
28	09	66	19.9	PA	SHS5	36	40	74	57	25								5	W	20.6	R	31.86	640	50
28	09	66	19.9	PA	SHS5	36	40	74	57	25								10	W	20.2	R	31.92	640	50
28	09	66	19.9	PA	SHS5	36	40	74	57	25								15	W	19.8	R	31.93	640	50
28	09	66	19.9	PA	SHS5	36	40	74	57	25								20	W	15.9	R	32.13	640	50
28	09	66	19.9	PA	SHS5	36	40	74	57	25								25	W	15.8	R	32.23	640	50
28	09	66	21.6	PA	SHS5	36	40	74	45	75								0	T	20.5	R	32.26	640	60
28	09	66	21.6	PA	SHS5	36	40	74	45	75								5	W	19.7	R	32.24	640	60
28	09	66	21.6	PA	SHS5	36	40	74	45	75								10	W	19.3	R	32.32	640	60
28	09	66	21.6	PA	SHS5	36	40	74	45	75								15	W	16.7	R	32.44	640	60
28	09	66	21.6	PA	SHS5	36	40	74	45	75								20	W	13.1	R	32.55	640	60
28	09	66	21.6	PA	SHS5	36	40	74	45	75								25	W	12.6	R	32.72	640	60
28	09	66	21.6	PA	SHS5	36	40	74	45	75								30	W	16.0	R	33.68	640	60
28	09	66	21.6	PA	SHS5	36	40	74	45	75								40	W	09.3	R	33.33	640	60
28	09	66	21.6	PA	SHS5	36	40	74	45	75								50	W	08.2	R	33.87	640	60
28	09	66	21.6	PA	SHS5	36	40	74	45	75								70	W	08.8	R	34.03	640	60
28	09	66	21.6	PA	SHS5	36	40	74	45	75								75			R	34.05	640	60
29	09	66	00.8	PA	SHS5	37	00	74	57	35								0	T	20.1	R	32.09	700	50
29	09	66	00.8	PA	SHS5	37	00	74	57	35								5	W	20.1	R	32.08	700	50
29	09	66	00.8	PA	SHS5	37	00	74	57	35								10	W	20.1	R	32.11	700	50
29	09	66	00.8	PA	SHS5	37	00	74	57	35								15	W	18.5	R	32.15	700	50
29	09	66	00.8	PA	SHS5	37	00	74	57	35								20	W	14.5	R	32.46	700	50
29	09	66	00.8	PA	SHS5	37	00	74	57	35								25	W	10.8	R	32.81	700	50
29	09	66	00.8	PA	SHS5	37	00	74	57	35								30	W	07.4	R	32.75	700	50
29	09	66	00.8	PA	SHS5	37	00	74	57	35								35	W	07.2	R	32.87	700	50
29	09	66	02.5	PA	SHS5	37	00	75	10	35								0	T	20.3	R	32.18	700	40
29	09	66	02.5	PA	SHS5	37	00	75	10	35								5			R	32.19	700	40
29	09	66	02.5	PA	SHS5	37	00	75	10	35								10			R	32.23	700	40
29	09	66	02.5	PA	SHS5	37	00	75	10	35								15			R	32.38	700	40
29	09	66	02.5	PA	SHS5	37	00	75	10	35								20			R	32.50	700	40
29	09	66	02.5	PA	SHS5	37	00	75	10	35								25			R	32.36	700	40
29	09	66	02.5	PA	SHS5	37	00	75	10	35								30			R	32.48	700	40
29	09	66	02.5	PA	SHS5	37	00	75	10	35								35			R	32.64	700	40
29	09	66	04.0	PA	SHS5	37	00	75	22	30								0	T	21.8	R	31.89	700	30
29	09	66	04.0	PA	SHS5	37	00	75	22	30								5	W	21.8	R	31.92	700	30
29	09	66	04.0	PA	SHS5	37	00	75	22	30								10	W	21.7	R	31.89	700	30
29	09	66	04.0	PA	SHS5	37	00	75	22	30								15	W	21.6	R	31.89	700	30
29	09	66	04.0	PA	SHS5	37	00	75	22	30								20	W	20.4	R	32.04	700	30
29	09	66	04.0	PA	SHS5	37	00	75	22	30								25	W	15.6	R	32.19	700	30
29	09	66	04.0	PA	SHS5	37	00	75	22	30								30	W	12.9	R	32.44	700	30
29	09	66	05.5	PA	SHS5	37	00	75	35	20								0	T	21.0	R	29.64	700	20
29	09	66	05.5	PA	SHS5	37	00	75	35	20								5	W	21.1	R	29.78	700	20
29	09	66	05.5	PA	SHS5	37	00	75	35	20								10	W	21.1	R	31.15	700	20
29	09	66	05.5	PA	SHS5	37	00	75	35	20								15	W	21.0	R	31.65	700	20
29	09	66	05.5	PA	SHS5	37	00	75	35	20								20	W	18.9	R	31.96	700	20
29	09	66	07.1	PA	SHS5	37	00	75	47	12								0	T	21.0	R	30.60	700	10
29	09	66	07.1	PA	SHS5	37	00	75	47	12								5	W	21.1	R	30.60	700	10
29	09	66	07.1	PA	SHS5	37	00	75	47	12								10	W	21.1	R	30.91	700	10
29	09	66	07.1	PA	SHS5	37	00	75	47	12								12	W	21.1	R	31.31	700	10
29	09	66	10.0	PA	SHS5	37	00	76	00	12								0	T	20.0	R	28.63	C	80
29	09	66	10.0	PA	SHS5	37	00	76	00	12								3	W	20.0	R	28.58	C	80
29	09	66	10.0	PA	SHS5	37	00	76	00	12								6	W	20.0	R	28.58	C	80
29	09	66	10.0	PA	SHS5	37	00	76	00	12								9	W	20.0	R	28.87	C	80
29	09	66	10.0	PA	SHS5	37	00	76	00	12								12	W	20.0	R	29.39	C	80

SHS 1-67 19 to 21 February 1967

Stations Sampled

640-06	645-05	650-04	655-03	700-10	710-15
640-10		650-10		700-20	710-20
640-20		650-20			
640-30		650-30			
640-40		650-40			
640-50		650-50			
640-60		650-60			
640-63		650-65			

Sampling Sequence

Date	Time	Station	Date	Time	Station
19 Feb.	15.3	655-03	20 Feb.	16.0	650-65
	16.0	650-04		17.3	650-60
	16.8	645-05		19.0	650-50
	17.5	640-06		21.0	650-40
	18.1	640-10		21.3	650-30
	19.7	640-20	21 Feb.	07.1	650-20
	21.3	640-30		08.9	650-10
20 Feb.	07.2	640-40		10.5	700-10
	09.8	640-50		11.9	710-15
	11.9	640-60		13.4	710-20
	12.5	640-63		14.8	700-20

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
19	02	67	15.3	SB	SHS1	36	55	75	57	11								0	T	5.5	R	30.08	655	03
19	02	67	15.3	SB	SHS1	36	55	75	57	11								3			R	31.08	655	03
19	02	67	15.3	SB	SHS1	36	55	75	57	11								6			R	31.57	655	03
19	02	67	16.0	SB	SHS1	36	50	75	55	11			04	05	02			0	T	5.4	R	30.64	650	04
19	02	67	16.0	SB	SHS1	36	50	75	55	11			04	05	02			3	W	5.4	R	30.61	650	04
19	02	67	16.0	SB	SHS1	36	50	75	55	11			04	05	02			6	W	5.2	R	30.62	650	04
19	02	67	16.0	SB	SHS1	36	50	75	55	11			04	05	02			9	W	5.1	R	30.70	650	04
19	02	67	16.8	SB	SHS1	36	45	75	54	11				00				0	T	5.1	R	30.32	645	05
19	02	67	16.8	SB	SHS1	36	45	75	54	11				00				3	W	5.1	R	30.35	645	05
19	02	67	16.8	SB	SHS1	36	45	75	54	11				00				6	W	4.9	R	30.35	645	05
19	02	67	16.8	SB	SHS1	36	45	75	54	11				00				9	W	4.9	R	30.91	645	05
19	02	67	17.5	SB	SHS1	36	40	75	53	13				00				0	T	5.1	R	30.14	640	06
19	02	67	17.5	SB	SHS1	36	40	75	53	13				00				3	W	5.1	R	30.11	640	06
19	02	67	17.5	SB	SHS1	36	40	75	53	13				00				6	W	5.0	R	30.12	640	06
19	02	67	17.5	SB	SHS1	36	40	75	53	13				00				9	W	5.0	R	30.15	640	06
19	02	67	18.1	SB	SHS1	36	40	75	47	18								0	T	5.2	R	31.18	640	10
19	02	67	18.1	SB	SHS1	36	40	75	47	18								3	W	5.2	R	31.16	640	10
19	02	67	18.1	SB	SHS1	36	40	75	47	18								6	W	5.2	R	31.18	640	10
19	02	67	18.1	SB	SHS1	36	40	75	47	18								9	W	5.4	R	31.35	640	10
19	02	67	18.1	SB	SHS1	36	40	75	47	18								12	W	5.3	R	31.39	640	10
19	02	67	18.1	SB	SHS1	36	40	75	47	18								15	W	5.3	R	31.38	640	10
19	02	67	19.7	SB	SHS1	36	40	75	35	18								0	T	5.9	R	32.39	640	20
19	02	67	19.7	SB	SHS1	36	40	75	35	18								3	W	5.9	R	32.38	640	20
19	02	67	19.7	SB	SHS1	36	40	75	35	18								6	W	5.9	R	32.38	640	20
19	02	67	19.7	SB	SHS1	36	40	75	35	18								9	W	5.9	R	32.38	640	20
19	02	67	19.7	SB	SHS1	36	40	75	35	18								12	W	5.9	R	32.38	640	20
19	02	67	19.7	SB	SHS1	36	40	75	35	18								15	W	6.0	R	32.40	640	20
19	02	67	21.3	SB	SHS1	36	40	75	22	20			05					0	T	5.5	R	32.88	640	30
19	02	67	21.3	SB	SHS1	36	40	75	22	20			05					3	W	5.5	R	32.84	640	30
19	02	67	21.3	SB	SHS1	36	40	75	22	20			05					6	W	5.5	R	32.85	640	30
19	02	67	21.3	SB	SHS1	36	40	75	22	20			05					9	W	5.5	R	32.85	640	30
19	02	67	21.3	SB	SHS1	36	40	75	22	20			05					12	W	5.5	R	32.88	640	30
19	02	67	21.3	SB	SHS1	36	40	75	22	20			05					15	W	5.5	R	32.85	640	30
19	02	67	21.3	SB	SHS1	36	40	75	22	20			05					18	W	5.6	R	32.85	640	30
20	02	67	07.2	SB	SHS1	36	40	75	10	36			11	00				0	T	8.4	R	33.79	640	40
20	02	67	07.2	SB	SHS1	36	40	75	10	36			11	00				3	W	8.4	R	33.80	640	40
20	02	67	07.2	SB	SHS1	36	40	75	10	36			11	00				6	W	8.4	R	33.80	640	40
20	02	67	07.2	SB	SHS1	36	40	75	10	36			11	00				9	W	8.4	R	33.80	640	40
20	02	67	07.2	SB	SHS1	36	40	75	10	36			11	00				12	W	8.4	R	33.79	640	40
20	02	67	07.2	SB	SHS1	36	40	75	10	36			11	00				15	W	8.4	R	33.79	640	40
20	02	67	07.2	SB	SHS1	36	40	75	10	36			11	00				18	W	8.4	R	33.79	640	40
20	02	67	07.2	SB	SHS1	36	40	75	10	36			11	00				21	W	8.4	R	33.79	640	40
20	02	67	07.2	SB	SHS1	36	40	75	10	36			11	00				24	W	8.4	R	33.79	640	40
20	02	67	07.2	SB	SHS1	36	40	75	10	36			11	00				27	W	8.4	R	33.82	640	40
20	02	67	09.8	SB	SHS1	36	40	74	57	33			11					0	T	8.9	R	33.80	640	50
20	02	67	09.8	SB	SHS1	36	40	74	57	33			11					6	W	8.8	R	33.76	640	50
20	02	67	09.8	SB	SHS1	36	40	74	57	33			11					9	W	8.8	R	33.78	640	50
20	02	67	09.8	SB	SHS1	36	40	74	57	33			11					12	W	8.8	R	33.78	640	50
20	02	67	09.8	SB	SHS1	36	40	74	57	33			11					18	W	8.8	R	33.80	640	50
20	02	67	09.8	SB	SHS1	36	40	74	57	33			11					24	W	8.9	R	33.82	640	50
20	02	67	09.8	SB	SHS1	36	40	74	57	33			11					27	W	8.9	R	33.90	640	50
20	02	67	11.9	SB	SHS1	36	40	74	45	75								0	T	10.1	R	34.06	640	60
20	02	67	11.9	SB	SHS1	36	40	74	45	75								3	W	10.0	R	34.03	640	60
20	02	67	11.9	SB	SHS1	36	40	74	45	75								9	W	9.7	R	34.04	640	60
20	02	67	11.9	SB	SHS1	36	40	74	45	75								15	W	9.9	R	34.05	640	60
20	02	67	11.9	SB	SHS1	36	40	74	45	75								21	W	10.2	R	34.23	640	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
20	02	67	11.9	SB	SHS1	36	40	74	45	75						30	W	10.3	R	34.38	640	60
20	02	67	11.9	SB	SHS1	36	40	74	45	75						45	W	10.9	R	34.72	640	60
20	02	67	11.9	SB	SHS1	36	40	74	45	75						61			R	34.73	640	60
20	02	67	12.5	SB	SHS1	36	40	74	41	180						0	T	10.0	R	34.09	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						15	W	10.0	R	34.13	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						30	W	10.0	R	34.15	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						51	W	10.6	R	34.38	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						54	W	11.1	R	34.42	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						58	W	11.1	R	34.42	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						58	W	11.1	R	34.66	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						61	W	11.1	R	34.70	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						67	W	11.7	R	34.89	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						91	W	12.2	R	35.21	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						122	W	12.2	R	35.24	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						152	W	12.2	R	35.21	640	63
20	02	67	12.5	SB	SHS1	36	40	74	41	180						183	W	11.7	R	35.18	640	63
20	02	67	16.0	SB	SHS1	36	50	74	39	180						0	T	9.5	R	34.04	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						12	W	9.4	R	34.21	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						24	W	10.0	R	34.45	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						36	W	11.1	R	34.48	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						45	W	11.1	R	34.52	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						54	W	11.7	R	34.67	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						61	W	11.7	R	34.53	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						76	W	11.7	R	34.65	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						91	W	11.7	R	34.86	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						106	W	11.7	R	34.99	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						122	W	11.7	R	35.09	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						152	W	11.7	R	35.06	650	65
20	02	67	16.0	SB	SHS1	36	50	74	39	180						183			R	35.13	650	65
20	02	67	17.3	SB	SHS1	36	50	74	45	73						0	T	9.7	R	34.32	650	60
20	02	67	17.3	SB	SHS1	36	50	74	45	73						12	W	9.8	R	34.41	650	60
20	02	67	17.3	SB	SHS1	36	50	74	45	73						18	W	9.9	R	34.44	650	60
20	02	67	17.3	SB	SHS1	36	50	74	45	73						24	W	10.0	R	34.49	650	60
20	02	67	17.3	SB	SHS1	36	50	74	45	73						30	W	10.1	R	34.52	650	60
20	02	67	17.3	SB	SHS1	36	50	74	45	73						45	W	10.1	R	34.63	650	60
20	02	67	17.3	SB	SHS1	36	50	74	45	73						61	W	10.1	R	34.66	650	60
20	02	67	17.3	SB	SHS1	36	50	74	45	73						73			R	34.67	650	60
20	02	67	19.0	SB	SHS1	36	50	74	57	35						0	T	8.4	R	33.52	650	50
20	02	67	19.0	SB	SHS1	36	50	74	57	35						3	W	8.3	R	33.68	650	50
20	02	67	19.0	SB	SHS1	36	50	74	57	35						6	W	8.3	R	33.72	650	50
20	02	67	19.0	SB	SHS1	36	50	74	57	35						12	W	8.3	R	33.75	650	50
20	02	67	19.0	SB	SHS1	36	50	74	57	35						15	W	8.3	R	33.78	650	50
20	02	67	19.0	SB	SHS1	36	50	74	57	35						18	W	8.3	R	33.80	650	50
20	02	67	19.0	SB	SHS1	36	50	74	57	35						22	W	8.9	R	33.88	650	50
20	02	67	19.0	SB	SHS1	36	50	74	57	35						30	W	8.9	R	33.94	650	50
20	02	67	19.0	SB	SHS1	36	50	74	57	35						33	W	8.9	R	33.94	650	50
20	02	67	21.0	SB	SHS1	36	50	75	10	30						0	T	7.4	R	33.16	650	40
20	02	67	21.0	SB	SHS1	36	50	75	10	30						3	W	7.4	R	33.19	650	40
20	02	67	21.0	SB	SHS1	36	50	75	10	30						6	W	7.4	R	33.27	650	40
20	02	67	21.0	SB	SHS1	36	50	75	10	30						13	W	7.4	R	33.29	650	40
20	02	67	21.0	SB	SHS1	36	50	75	10	30						16	W	7.4	R	33.30	650	40
20	02	67	21.0	SB	SHS1	36	50	75	10	30						19	W	7.5	R	33.33	650	40
20	02	67	21.0	SB	SHS1	36	50	75	10	30						22	W	7.6	R	33.37	650	40
20	02	67	21.0	SB	SHS1	36	50	75	10	30						25	W	7.7	R	33.38	650	40
20	02	67	21.0	SB	SHS1	36	50	75	10	30						30	W	7.7	R	33.41	650	40
20	02	67	21.3	SB	SHS1	36	50	75	22	26						0	T	7.4	R	33.22	650	30
20	02	67	21.3	SB	SHS1	36	50	75	22	26						3	W	7.4	R	33.22	650	30
20	02	67	21.3	SB	SHS1	36	50	75	22	26						6	W	7.4	R	33.23	650	30
20	02	67	21.3	SB	SHS1	36	50	75	22	26						9	W	7.4	R	33.25	650	30
20	02	67	21.3	SB	SHS1	36	50	75	22	26						12	W	7.4	R	33.24	650	30
20	02	67	21.3	SB	SHS1	36	50	75	22	26						18	W	7.4	R	33.26	650	30
20	02	67	21.3	SB	SHS1	36	50	75	22	26						25	W	7.4	R	33.29	650	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
21	02	67	07.1	SB	SHS1	36	50	75	35	18								0	T	6.3	R	32.63	650	20
21	02	67	07.1	SB	SHS1	36	50	75	35	18								4	W	6.3	R	32.65	650	20
21	02	67	07.1	SB	SHS1	36	50	75	35	18								9	W	6.3	R	32.63	650	20
21	02	67	07.1	SB	SHS1	36	50	75	35	18								13	W	6.3	R	32.69	650	20
21	02	67	07.1	SB	SHS1	36	50	75	35	18								18	W	6.3	R	32.69	650	20
21	02	67	08.9	SB	SHS1	36	50	75	47	15								0	T	5.2	R	29.75	650	10
21	02	67	08.9	SB	SHS1	36	50	75	47	15								1	W	5.2	R	29.95	650	10
21	02	67	08.9	SB	SHS1	36	50	75	47	15								4	W	5.2			650	10
21	02	67	08.9	SB	SHS1	36	50	75	47	15								6	W	5.3	R	31.68	650	10
21	02	67	08.9	SB	SHS1	36	50	75	47	15								10	W	5.4	R	31.85	650	10
21	02	67	08.9	SB	SHS1	36	50	75	47	15								15	W	5.4	R	32.03	650	10
21	02	67	10.5	SB	SHS1	37	00	75	47	15								0	T	4.7	R	32.01	700	10
21	02	67	10.5	SB	SHS1	37	00	75	47	15								0	W	4.7	R	32.00	700	10
21	02	67	10.5	SB	SHS1	37	00	75	47	15								4	W	4.7	R	32.00	700	10
21	02	67	10.5	SB	SHS1	37	00	75	47	15								9	W	4.7	R	32.01	700	10
21	02	67	10.5	SB	SHS1	37	00	75	47	15								13	W	4.7	R	32.02	700	10
21	02	67	11.9	SB	SHS1	37	10	75	41	07								0	T	3.9	R	31.54	710	15
21	02	67	11.9	SB	SHS1	37	10	75	41	07								3	W	3.9	R	31.51	710	15
21	02	67	11.9	SB	SHS1	37	10	75	41	07								6	W	3.9	R	31.52	710	15
21	02	67	13.4	SB	SHS1	37	10	75	35	16								0	T	5.1	R	32.20	710	20
21	02	67	13.4	SB	SHS1	37	10	75	35	16								2	W	5.1	R	32.18	710	20
21	02	67	13.4	SB	SHS1	37	10	75	35	16								7	W	5.1	R	32.19	710	20
21	02	67	13.4	SB	SHS1	37	10	75	35	16								11	W	5.1	R	32.20	710	20
21	02	67	13.4	SB	SHS1	37	10	75	35	16								16	W	5.1	R	32.19	710	20
21	02	67	14.8	SB	SHS1	37	00	75	35	26								0	T	6.1	R	32.73	700	20
21	02	67	14.8	SB	SHS1	37	00	75	35	26								6	W	6.1	R	32.69	700	20
21	02	67	14.8	SB	SHS1	37	00	75	35	26								12	W	6.1	R	32.70	700	20
21	02	67	14.8	SB	SHS1	37	00	75	35	26								18	W	6.1	R	32.69	700	20
21	02	67	14.8	SB	SHS1	37	00	75	35	26								24	W	6.1	R	32.69	700	20

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
18	03	67	18.2	SB	SHS2	37	00	76	00	13								0	C	6.96	R	25.68	C	B0
18	03	67	18.2	SB	SHS2	37	00	76	00	13								3	W	6.9	R	25.60	C	B0
18	03	67	18.2	SB	SHS2	37	00	76	00	13								4	W	7.0	R	25.65	C	B0
18	03	67	18.2	SB	SHS2	37	00	76	00	13								6	W	7.1	R	25.65	C	B0
18	03	67	18.2	SB	SHS2	37	00	76	00	13								7	W	7.1	R	25.71	C	B0
18	03	67	18.2	SB	SHS2	37	00	76	00	13								9	W	7.1	R	29.91	C	B0
18	03	67	18.2	SB	SHS2	37	00	76	00	13								10	W	7.1	R	30.01	C	B0
18	03	67	19.5	SB	SHS2	36	55	75	57	12								0	C	6.34	R	31.72	655	03
18	03	67	19.5	SB	SHS2	36	55	75	57	12								3	W	6.3	R	31.73	655	03
18	03	67	19.5	SB	SHS2	36	55	75	57	12								6	W	6.3	R	31.73	655	03
18	03	67	19.5	SB	SHS2	36	55	75	57	12								9	W	6.3	R	31.73	655	03
18	03	67	20.5	SB	SHS2	36	50	75	55	11								0	C	6.38	R	28.37	650	04
18	03	67	20.5	SB	SHS2	36	50	75	55	11								3	W	6.4	R	28.36	650	04
18	03	67	20.5	SB	SHS2	36	50	75	55	11								6	W	6.4	R	28.37	650	04
18	03	67	20.5	SB	SHS2	36	50	75	55	11								9	W	6.4	R	28.41	650	04
18	03	67	21.3	SB	SHS2	36	45	75	54	14								0	C	6.52	R	29.66	645	05
18	03	67	21.3	SB	SHS2	36	45	75	54	14								3	W	6.5	R	29.65	645	05
18	03	67	21.3	SB	SHS2	36	45	75	54	14								6	W	6.5	R	29.65	645	05
18	03	67	21.3	SB	SHS2	36	45	75	54	14								9	W	6.5	R	29.77	645	05
18	03	67	21.3	SB	SHS2	36	45	75	54	14								12			R	29.99	645	05
18	03	67	22.1	SB	SHS2	36	40	75	53	13								0	C	7.16	R	29.48	640	06
18	03	67	22.1	SB	SHS2	36	40	75	53	13								3	W	7.2	R	29.47	640	06
18	03	67	22.1	SB	SHS2	36	40	75	53	13								6	W	7.2	R	29.76	640	06
18	03	67	22.1	SB	SHS2	36	40	75	53	13								9	W	7.2	R	30.40	640	06
18	03	67	23.0	SB	SHS2	36	40	75	47	18								0	C	6.46	R	31.04	640	10
18	03	67	23.0	SB	SHS2	36	40	75	47	18								3	W	6.5	R	31.00	640	10
18	03	67	23.0	SB	SHS2	36	40	75	47	18								6	W	6.5	R	31.00	640	10
18	03	67	23.0	SB	SHS2	36	40	75	47	18								12	W	6.5	R	31.75	640	10
18	03	67	23.0	SB	SHS2	36	40	75	47	18								15	W	6.6	R	31.92	640	10
19	03	67	07.3	SB	SHS2	36	40	75	35	18								0	C	7.67	R	32.44	640	20
19	03	67	07.3	SB	SHS2	36	40	75	35	18								3	W	7.7	R	32.39	640	20
19	03	67	07.3	SB	SHS2	36	40	75	35	18								6	W	7.7	R	32.38	640	20
19	03	67	07.3	SB	SHS2	36	40	75	35	18								12	W	7.7	R	32.39	640	20
19	03	67	07.3	SB	SHS2	36	40	75	35	18								15	W	7.7	R	32.40	640	20
19	03	67	08.6	SB	SHS2	36	40	75	22	22			12					0	C	6.64	R	33.35	640	30
19	03	67	08.6	SB	SHS2	36	40	75	22	22			12					3	W	6.6	R	33.30	640	30
19	03	67	08.6	SB	SHS2	36	40	75	22	22			12					6	W	6.6	R	33.32	640	30
19	03	67	08.6	SB	SHS2	36	40	75	22	22			12					9	W	6.6	R	33.30	640	30
19	03	67	08.6	SB	SHS2	36	40	75	22	22			12					12	W	6.6	R	33.29	640	30
19	03	67	08.6	SB	SHS2	36	40	75	22	22			12					15	W	6.6	R	33.29	640	30
19	03	67	08.6	SB	SHS2	36	40	75	22	22			12					18	W	6.6	R	33.29	640	30
19	03	67	10.3	SB	SHS2	36	40	75	10	36			14					0	C	7.85	R	33.46	640	40
19	03	67	10.3	SB	SHS2	36	40	75	10	36			14					3	W	7.8	R	33.43	640	40
19	03	67	10.3	SB	SHS2	36	40	75	10	36			14					6	W	7.8	R	33.42	640	40
19	03	67	10.3	SB	SHS2	36	40	75	10	36			14					12	W	7.7	R	33.41	640	40

SHS 2-67 18 to 21 March 1967

Stations Sampled

640-06	645-05	650-04	655-03	700-00(CBO)	710-40
640-10		650-10		700-05	710-50
640-20		650-20		700-10	710-60
640-30		650-30		700-20	710-70
640-40		650-40		700-30	
640-50		650-50		700-40	
640-60		650-60		700-50	
640-63		650-65		700-60	
				700-67	

Sampling Sequence

Date	Time	Station	Date	Time	Station
18 Mar.	18.2	700-00(CBO)	20 Mar.	06.5	650-40
	19.5	655-03		07.4	650-30
	20.5	650-04		08.8	640-60
	21.3	645-05		10.3	650-10
	22.1	640-06		12.0	700-05
	23.0	640-10		13.0	700-10
19 Mar.	07.3	640-20		14.5	700-20
	08.6	640-30		15.8	700-30
	10.3	640-40		18.0	700-40
	12.2	640-50		19.4	700-50
	13.7	640-60		21.2	700-60
	15.2	640-63		22.8	700-67
	17.5	650-65	21 Mar.	01.1	710-70
	19.3	650-60		06.5	710-60
	21.0	650-50		08.2	710-50
				09.5	710-40

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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
19	03	67	10.3	SB	SHS2	36	40	75	10	36		14				18	W	7.7	R	33.43	640	40
19	03	67	10.3	SB	SHS2	36	40	75	10	36		14				24	W	7.7	R	33.43	640	40
19	03	67	10.3	SB	SHS2	36	40	75	10	36		14				30	W	7.7	R	33.41	640	40
19	03	67	12.2	SB	SHS2	36	40	74	57	33		12				0	C	8.31	R	33.62	640	50
19	03	67	12.2	SB	SHS2	36	40	74	57	33		12				3	W	8.3	R	33.60	640	50
19	03	67	12.2	SB	SHS2	36	40	74	57	33		12				6	W	8.3	R	33.60	640	50
19	03	67	12.2	SB	SHS2	36	40	74	57	33		12				12	W	8.2	R	33.60	640	50
19	03	67	12.2	SB	SHS2	36	40	74	57	33		12				18	W	8.2	R	33.60	640	50
19	03	67	12.2	SB	SHS2	36	40	74	57	33		12				24	W	8.2	R	33.60	640	50
19	03	67	12.2	SB	SHS2	36	40	74	57	33		12				30	W	8.2	R	33.60	640	50
19	03	67	13.7	SB	SHS2	36	40	74	45	73		12				0	C	8.59	R	33.61	640	60
19	03	67	13.7	SB	SHS2	36	40	74	45	73		12				3	W	8.5	R	33.60	640	60
19	03	67	13.7	SB	SHS2	36	40	74	45	73		12				6	W	8.4	R	33.59	640	60
19	03	67	13.7	SB	SHS2	36	40	74	45	73		12				9	W	8.4	R	33.57	640	60
19	03	67	13.7	SB	SHS2	36	40	74	45	73		12				18	W	8.4	R	33.57	640	60
19	03	67	13.7	SB	SHS2	36	40	74	45	73		12				27	W	8.4	R	33.58	640	60
19	03	67	13.7	SB	SHS2	36	40	74	45	73		12				36	W	8.4	R	33.57	640	60
19	03	67	13.7	SB	SHS2	36	40	74	45	73		12				45	W	8.4	R	33.58	640	60
19	03	67	13.7	SB	SHS2	36	40	74	45	73		12				54	W	8.4	R	33.58	640	60
19	03	67	13.7	SB	SHS2	36	40	74	45	73		12				64	W	8.4	R	33.58	640	60
19	03	67	13.7	SB	SHS2	36	40	74	45	73		12				73			R	33.57	640	60
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				0	C	8.43	R	33.69	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				3	W	8.4	R	33.65	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				9	W	8.4	R	33.95	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				18	W	8.5	R	34.15	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				27	W	8.7	R	34.22	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				36	W	8.7	R	34.24	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				45	W	8.9	R	34.28	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				54	W	9.1	R	34.31	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				64	W	9.2	R	34.38	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				73	W	9.6	R	34.39	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				82	W	9.8	R	34.49	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				91	W	10.2	R	34.58	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				91	W	10.2	R	34.55	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				106	W	10.4	R	34.31	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				122	W	10.4	R	34.48	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				137	W	10.4	R	34.69	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				152	W	10.4	R	34.74	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				167	W	10.5	R	34.21	640	63
19	03	67	15.2	SB	SHS2	36	40	74	41	180		12				183			R	34.79	640	63
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				0	C	8.45	R	33.91	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				3	W	8.6	R	33.90	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				9	W	8.7	R	33.88	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				18	W	9.2	R	34.00	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				27	W	10.0	R	34.24	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				36	W	10.1	R	34.23	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				45	W	10.2	R	34.42	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				54	W	10.5	R	34.46	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				64	W	10.5	R	34.49	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				73	W	10.5	R	34.54	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				82	W	10.8	R	34.57	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				91	W	10.8	R	34.62	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				91	W	10.8	R	34.61	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				100	W	10.8	R	34.61	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				109	W	10.9	R	34.62	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				119	W	11.0	R	34.66	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				128	W	11.2	R	34.72	650	65
19	03	67	17.5	SB	SHS2	36	50	74	39	140		14				137	W	11.3	R	34.74	650	65
19	03	67	19.3	SB	SHS2	36	50	74	45	73		13				0	C	7.83	R	33.60	650	60
19	03	67	19.3	SB	SHS2	36	50	74	45	73		13				3	W	7.8	R	33.54	650	60
19	03	67	19.3	SB	SHS2	36	50	74	45	73		13				9	W	7.8	R	33.56	650	60
19	03	67	19.3	SB	SHS2	36	50	74	45	73		13				18	W	7.8	R	33.55	650	60
19	03	67	19.3	SB	SHS2	36	50	74	45	73		13				27	W	7.8	R	33.54	650	60
19	03	67	19.3	SB	SHS2	36	50	74	45	73		13				36	W	7.9	R	33.55	650	60
19	03	67	19.3	SB	SHS2	36	50	74	45	73		13				45	W	7.9	R	33.57	650	60
19	03	67	19.3	SB	SHS2	36	50	74	45	73		13				54	W	8.0	R	33.61	650	60
19	03	67	19.3	SB	SHS2	36	50	74	45	73		13				64	W	8.0	R	33.64	650	60
19	03	67	19.3	SB	SHS2	36	50	74	45	73		13				73			R	33.66	650	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
19	03	67	21.0	SB	SHS2	36	50	74	57	35			10					0	0	8.33	R	33.80	650	50
19	03	67	21.0	SB	SHS2	36	50	74	57	35			10					3	W	8.3	R	33.82	650	50
19	03	67	21.0	SB	SHS2	36	50	74	57	35			10					9	W	8.3	R	33.80	650	50
19	03	67	21.0	SB	SHS2	36	50	74	57	35			10					15	W	8.4	R	33.80	650	50
19	03	67	21.0	SB	SHS2	36	50	74	57	35			10					21	W	8.3	R	33.80	650	50
19	03	67	21.0	SB	SHS2	36	50	74	57	35			10					27	W	8.2	R	33.80	650	50
19	03	67	21.0	SB	SHS2	36	50	74	57	35			10					33	W	8.2	R	33.78	650	50
20	03	67	06.5	SB	SHS2	36	50	75	10	24			13					0	0	7.28	R	33.23	650	40
20	03	67	06.5	SB	SHS2	36	50	75	10	24			13					3	W	7.3	R	33.21	650	40
20	03	67	06.5	SB	SHS2	36	50	75	10	24			13					6	W	7.3	R	33.22	650	40
20	03	67	06.5	SB	SHS2	36	50	75	10	24			13					9	W	7.3	R	33.21	650	40
20	03	67	06.5	SB	SHS2	36	50	75	10	24			13					12	W	7.3	R	33.22	650	40
20	03	67	06.5	SB	SHS2	36	50	75	10	24			13					15	W	7.3	R	33.22	650	40
20	03	67	06.5	SB	SHS2	36	50	75	10	24			13					18	W	7.3	R	33.24	650	40
20	03	67	06.5	SB	SHS2	36	50	75	10	24			13					21	W	7.4	R	33.25	650	40
20	03	67	07.4	SB	SHS2	36	50	75	22	22			11					0	0	7.45	R	33.16	650	30
20	03	67	07.4	SB	SHS2	36	50	75	22	22			11					3	W	7.5	R	33.09	650	30
20	03	67	07.4	SB	SHS2	36	50	75	22	22			11					6	W	7.5	R	33.18	650	30
20	03	67	07.4	SB	SHS2	36	50	75	22	22			11					9	W	7.6	R	33.29	650	30
20	03	67	07.4	SB	SHS2	36	50	75	22	22			11					12	W	7.6	R	33.35	650	30
20	03	67	07.4	SB	SHS2	36	50	75	22	22			11					15	W	7.6	R	33.38	650	30
20	03	67	07.4	SB	SHS2	36	50	75	22	22			11					18	W	7.7	R	33.40	650	30
20	03	67	07.4	SB	SHS2	36	50	75	22	22			11					21			R	33.41	650	30
20	03	67	08.8	SB	SHS2	36	50	75	35	18			16					0	0	6.30	R	32.78	650	20
20	03	67	08.8	SB	SHS2	36	50	75	35	18			16					3	W	6.3	R	32.78	650	20
20	03	67	08.8	SB	SHS2	36	50	75	35	18			16					6	W	6.3	R	32.78	650	20
20	03	67	08.8	SB	SHS2	36	50	75	35	18			16					9	W	6.3	R	32.78	650	20
20	03	67	08.8	SB	SHS2	36	50	75	35	18			16					12	W	6.3	R	32.81	650	20
20	03	67	08.8	SB	SHS2	36	50	75	35	18			16					15	W	6.3	R	32.82	650	20
20	03	67	08.8	SB	SHS2	36	50	75	35	18			16					18	W	6.3	R	32.82	650	20
20	03	67	10.3	SB	SHS2	36	50	75	47	16			14					0	0	6.86	R	26.53	650	10
20	03	67	10.3	SB	SHS2	36	50	75	47	16			14					3	W	6.8	R	30.52	650	10
20	03	67	10.3	SB	SHS2	36	50	75	47	16			14					6	W	6.8	R	31.65	650	10
20	03	67	10.3	SB	SHS2	36	50	75	47	16			14					9	W	6.8	R	32.01	650	10
20	03	67	10.3	SB	SHS2	36	50	75	47	16			14					12	W	6.8			650	10
20	03	67	10.3	SB	SHS2	36	50	75	47	16			14					15	W	6.8	R	32.02	650	10
20	03	67	12.0	SB	SHS2	37	00	75	53	09			11					0	0	8.24	R	26.44	700	05
20	03	67	12.0	SB	SHS2	37	00	75	53	09			11					3	W	8.0	R	30.29	700	05
20	03	67	12.0	SB	SHS2	37	00	75	53	09			11					6	W	7.8	R	31.01	700	05
20	03	67	12.0	SB	SHS2	37	00	75	53	09			11					9			R	31.30	700	05
20	03	67	13.0	SB	SHS2	37	00	75	47	14			11					0	0	6.08	R	28.45	700	10
20	03	67	13.0	SB	SHS2	37	00	75	47	14			11					3	W	5.8	R	29.37	700	10
20	03	67	13.0	SB	SHS2	37	00	75	47	14			11					6	W	5.8	R	31.35	700	10
20	03	67	13.0	SB	SHS2	37	00	75	47	14			11					9	W	5.8	R	31.70	700	10
20	03	67	13.0	SB	SHS2	37	00	75	47	14			11					12	W	5.7	R	31.71	700	10
20	03	67	14.5	SB	SHS2	37	00	75	35	21			11					0	0	6.67	R	31.97	700	20
20	03	67	14.5	SB	SHS2	37	00	75	35	21			11					3	W	6.6	R	31.96	700	20
20	03	67	14.5	SB	SHS2	37	00	75	35	21			11					6	W	6.6	R	31.95	700	20
20	03	67	14.5	SB	SHS2	37	00	75	35	21			11					9	W	6.6	R	31.96	700	20
20	03	67	14.5	SB	SHS2	37	00	75	35	21			11					12	W	6.5	R	31.96	700	20
20	03	67	14.5	SB	SHS2	37	00	75	35	21			11					15	W	6.5	R	31.96	700	20
20	03	67	14.5	SB	SHS2	37	00	75	35	21			11					18	W	6.5	R	31.94	700	20
20	03	67	15.8	SB	SHS2	37	00	75	22	32			08					0	0	6.43	R	32.36	700	30
20	03	67	15.8	SB	SHS2	37	00	75	22	32			08					3	W	6.4	R	32.54	700	30
20	03	67	15.8	SB	SHS2	37	00	75	22	32			08					6	W	6.4	R	32.63	700	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
20	03	67	15.8	SB	SHS2	37	00	75	22	32			08					9	W	6.9	R	32.78		
20	03	67	15.8	SB	SHS2	37	00	75	22	32			08					12	W	7.1	R	32.84		
20	03	67	15.8	SB	SHS2	37	00	75	22	32			08					18	W	7.2	R	32.90		
20	03	67	15.8	SB	SHS2	37	00	75	22	32			08					24	W	7.3	R	32.93		
20	03	67	15.8	SB	SHS2	37	00	75	22	32			08					30	W	7.3	R	32.94		
20	03	67	18.0	SB	SHS2	37	00	75	10	39			07					0	0	6.87	R	32.98		
20	03	67	18.0	SB	SHS2	37	00	75	10	39			07					6	W	6.9	R	32.97		
20	03	67	18.0	SB	SHS2	37	00	75	10	39			07					9	W	6.9	R	32.95		
20	03	67	18.0	SB	SHS2	37	00	75	10	39			07					12	W	6.8	R	32.97		
20	03	67	18.0	SB	SHS2	37	00	75	10	39			07					15	W	6.8	R	32.96		
20	03	67	18.0	SB	SHS2	37	00	75	10	39			07					18	W	6.8	R	32.98		
20	03	67	18.0	SB	SHS2	37	00	75	10	39			07					21	W	6.8	R	32.97		
20	03	67	18.0	SB	SHS2	37	00	75	10	39			07					24	W	6.7	R	32.96		
20	03	67	18.0	SB	SHS2	37	00	75	10	39			07					27	W	6.8	R	32.96		
20	03	67	18.0	SB	SHS2	37	00	75	10	39			07					30	W	6.9	R	32.98		
20	03	67	18.0	SB	SHS2	37	00	75	10	39			07					36	W	6.7	R	32.37		
20	03	67	19.4	SB	SHS2	37	00	74	57	40			07					0	0	6.86	R	33.30		
20	03	67	19.4	SB	SHS2	37	00	74	57	40			07					3	W	6.9	R	33.29		
20	03	67	19.4	SB	SHS2	37	00	74	57	40			07					6	W	6.9	R	33.29		
20	03	67	19.4	SB	SHS2	37	00	74	57	40			07					12	W	7.0	R	33.39		
20	03	67	19.4	SB	SHS2	37	00	74	57	40			07					18	W	7.1	R	33.44		
20	03	67	19.4	SB	SHS2	37	00	74	57	40			07					24	W	7.2	R	33.45		
20	03	67	19.4	SB	SHS2	37	00	74	57	40			07					27	W	7.2	R	33.46		
20	03	67	19.4	SB	SHS2	37	00	74	57	40			07					30	W	7.2	R	33.47		
20	03	67	19.4	SB	SHS2	37	00	74	57	40			07					33	W	7.2	R	33.48		
20	03	67	19.4	SB	SHS2	37	00	74	57	40			07					36	W	7.4	R	33.48		
20	03	67	21.2	SB	SHS2	37	00	74	45	70			07					0	0	6.91	R	33.31		
20	03	67	21.2	SB	SHS2	37	00	74	45	70			07					3	W	6.9	R	33.28		
20	03	67	21.2	SB	SHS2	37	00	74	45	70			07					6	W	7.2	R	33.28		
20	03	67	21.2	SB	SHS2	37	00	74	45	70			07					15	W	7.6	R	33.40		
20	03	67	21.2	SB	SHS2	37	00	74	45	70			07					24	W	8.0	R	33.60		
20	03	67	21.2	SB	SHS2	37	00	74	45	70			07					33	W	8.3	R	33.72		
20	03	67	21.2	SB	SHS2	37	00	74	45	70			07					42	W	8.3	R	33.80		
20	03	67	21.2	SB	SHS2	37	00	74	45	70			07					51	W	8.5	R	33.89		
20	03	67	21.2	SB	SHS2	37	00	74	45	70			07					61	W	8.5	R	33.92		
20	03	67	21.2	SB	SHS2	37	00	74	45	70			07					70	W	8.7	R	33.96		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					0	0	9.83	R	34.38		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					3	W	9.9	R	34.36		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					6	W	9.9	R	34.35		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					12	W	10.0	R	34.39		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					18	W	10.0	R	34.41		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					24	W	10.1	R	34.42		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					30	W	10.1	R	34.45		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					45	W	10.3	R	34.49		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					45	W	10.3	R	34.46		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					61	W	10.4	R	34.52		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					76	W	10.4	R	34.53		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					91	W	10.4	R	34.54		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					106	W	10.4	R	34.57		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					122	W	10.4	R	34.54		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					137	W	10.5	R	34.56		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					152	W	10.6	R	34.61		
20	03	67	22.8	SB	SHS2	37	00	74	37	180			16					167	W	10.8	R	34.81		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					0	0	8.52	R	33.95		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					3	W	8.6	R	33.94		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					9	W	8.8	R	33.98		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					18	W	9.0	R	34.04		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					27	W	9.2	R	34.08		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					36	W	9.4	R	34.11		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					45	W	9.7	R	34.17		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					54	W	9.8	R	34.24		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					61	W	9.9	R	34.30		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					64	W	9.9	R	34.32		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					67	W	10.2	R	34.34		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					73	W	10.4	R	34.45		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					79	W	10.5	R	34.53		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					85	W	11.0	R	34.74		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					91	W	11.4	R	34.93	710	70
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					91	W	11.4	R	34.84	710	70
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					106	W	11.8	R	34.94	710	70
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					122	W	11.6	R	34.93	710	70
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					137	W	11.6	R	34.94	710	70
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					152	W	12.1	R	34.97	710	70
21	03	67	01.1	SB	SHS2	37	10	74	32	190			10					167	W	12.1	R	35.16	710	70
21	03	67	06.5	SB	SHS2	37	10	74	45	75			15					0	C	6.83	R	33.17	710	60
21	03	67	06.5	SB	SHS2	37	10	74	45	75			15					6	W	6.8	R	33.17	710	60
21	03	67	06.5	SB	SHS2	37	10	74	45	75			15					12	W	6.9	R	33.21	710	60
21	03	67	06.5	SB	SHS2	37	10	74	45	75			15					24	W	7.0	R	33.25	710	60
21	03	67	06.5	SB	SHS2	37	10	74	45	75			15					30	W	7.5	R	33.25	710	60
21	03	67	06.5	SB	SHS2	37	10	74	45	75			15					36	W	7.9	R	33.28	710	60
21	03	67	06.5	SB	SHS2	37	10	74	45	75			15					42	W	8.2	R	33.56	710	60
21	03	67	06.5	SB	SHS2	37	10	74	45	75			15					54	W	8.1	R	33.69	710	60
21	03	67	06.5	SB	SHS2	37	10	74	45	75			15					61	W	8.2	R	33.26	710	60
21	03	67	06.5	SB	SHS2	37	10	74	45	75			15					67	W	8.6	R	33.76	710	60
21	03	67	08.2	SB	SHS2	37	10	74	57	47			11					0	C	6.44	R	33.36	710	50
21	03	67	08.2	SB	SHS2	37	10	74	57	47			11					3	W	6.4	R	33.37	710	50
21	03	67	08.2	SB	SHS2	37	10	74	57	47			11					9	W	6.4	R	33.37	710	50
21	03	67	08.2	SB	SHS2	37	10	74	57	47			11					18	W	6.4	R	33.40	710	50
21	03	67	08.2	SB	SHS2	37	10	74	57	47			11					27	W	6.4	R	33.39	710	50
21	03	67	08.2	SB	SHS2	37	10	74	57	47			11					36	W	6.4	R	33.40	710	50
21	03	67	08.2	SB	SHS2	37	10	74	57	47			11					45	W	6.4	R	33.39	710	50
21	03	67	09.5	SB	SHS2	37	10	75	10	33								0	C	6.41	R	33.02	710	40
21	03	67	09.5	SB	SHS2	37	10	75	10	33								3	W	6.4			710	40
21	03	67	09.5	SB	SHS2	37	10	75	10	33								6	W	6.4			710	40
21	03	67	09.5	SB	SHS2	37	10	75	10	33								9	W	6.4			710	40
21	03	67	09.5	SB	SHS2	37	10	75	10	33								12	W	6.4			710	40
21	03	67	09.5	SB	SHS2	37	10	75	10	33								15	W	6.4			710	40
21	03	67	09.5	SB	SHS2	37	10	75	10	33								18	W	6.4			710	40
21	03	67	09.5	SB	SHS2	37	10	75	10	33								21	W	6.4			710	40
21	03	67	09.5	SB	SHS2	37	10	75	10	33								24	W	6.4			710	40
21	03	67	09.5	SB	SHS2	37	10	75	10	33								27	W	6.7			710	40
21	03	67	09.5	SB	SHS2	37	10	75	10	33								30	W	6.7			710	40

SHS 3-67 20 to 23 April 1967

Stations Sampled

640-05	650-04	700-00(CBO)	710-10
640-10	650-10	700-05	710-15
640-20	650-20	700-10	710-20
640-30	650-30	700-20	710-30
640-40	650-40	700-30	710-40
640-50	650-50	700-40	710-50
640-60	650-60	700-50	710-60
640-63	650-65	700-60	
645-05	655-02	705-08	
	655-03		

Sampling Sequence

Date	Time	Station	Date	Time	Station
20 Apr.	19.2	700-00(CBO)	22 Apr.	06.9	650-30
	20.3	655-03		08.7	650-20
	21.3	650-04		09.9	650-10
	22.1	645-05		11.5	700-10
	22.9	640-05		12.8	700-20
21 Apr.	06.7	640-10		14.3	700-30
	08.1	640-20		15.5	700-40
	09.1	640-30		16.9	700-50
	10.6	640-40		18.8	700-60
	12.0	640-50		20.3	710-60
	13.5	640-60		22.2	710-50
	14.5	640-63	23 Apr.	06.4	710-40
	17.0	650-65		07.8	710-30
	18.4	650-60		09.3	710-20
	20.0	650-50		10.1	710-15
	21.5	650-40		10.7	710-10
				11.6	705-08
				12.6	700-10
				13.5	700-05
				14.2	655-02

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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
20	04	67	19.2	SB	SHS3	37	00	76	00	11								0	C	12.87	R	31.27	C	B0
20	04	67	19.2	SB	SHS3	37	00	76	00	11								3	W	12.9	R	31.24	C	B0
20	04	67	19.2	SB	SHS3	37	00	76	00	11								6	W	12.9	R	31.23	C	B0
20	04	67	19.2	SB	SHS3	37	00	76	00	11								9	W	12.9	R	31.24	C	B0
20	04	67	20.3	SB	SHS3	36	55	75	57	13								0	C	10.92	R	29.97	655	03
20	04	67	20.3	SB	SHS3	36	55	75	57	13								3	W	9.8	R	28.43	655	03
20	04	67	20.3	SB	SHS3	36	55	75	57	13								6	W	9.8	R	30.62	655	03
20	04	67	20.3	SB	SHS3	36	55	75	57	13								9	W	9.8	R	31.26	655	03
20	04	67	20.3	SB	SHS3	36	55	75	57	13								12	W	9.8	R	31.24	655	03
20	04	67	21.3	SB	SHS3	36	50	75	55	08								0	C	11.66	R	23.49	650	04
20	04	67	21.3	SB	SHS3	36	50	75	55	08								1	W	10.7	R	25.77	650	04
20	04	67	21.3	SB	SHS3	36	50	75	55	08								3	W	9.7	R	27.40	650	04
20	04	67	21.3	SB	SHS3	36	50	75	55	08								4	W	9.2	R	30.26	650	04
20	04	67	21.3	SB	SHS3	36	50	75	55	08								6	W	9.0	R	31.19	650	04
20	04	67	21.3	SB	SHS3	36	50	75	55	08								7	W	8.9	R	31.23	650	04
20	04	67	22.1	SB	SHS3	36	45	75	54	11								0	C	11.55	R	24.25	645	05
20	04	67	22.1	SB	SHS3	36	45	75	54	11								1	W	11.1	R	25.27	645	05
20	04	67	22.1	SB	SHS3	36	45	75	54	11								3	W	10.3	R	28.25	645	05
20	04	67	22.1	SB	SHS3	36	45	75	54	11								4	W	10.1	R	28.80	645	05
20	04	67	22.1	SB	SHS3	36	45	75	54	11								6	W	9.7	R	30.30	645	05
20	04	67	22.1	SB	SHS3	36	45	75	54	11								7	W	9.5	R	31.11	645	05
20	04	67	22.1	SB	SHS3	36	45	75	54	11								10	W	9.5	R	31.04	645	05
20	04	67	22.9	SB	SHS3	36	40	75	53	12								0	C	11.27	R	26.23	640	05
20	04	67	22.9	SB	SHS3	36	40	75	53	12								1	W	10.6	R	24.91	640	05
20	04	67	22.9	SB	SHS3	36	40	75	53	12								3	W	10.0	R	26.88	640	05
20	04	67	22.9	SB	SHS3	36	40	75	53	12								4	W	9.6	R	28.20	640	05
20	04	67	22.9	SB	SHS3	36	40	75	53	12								6	W	8.3	R	29.60	640	05
20	04	67	22.9	SB	SHS3	36	40	75	53	12								7	W	8.3	R	30.42	640	05
20	04	67	22.9	SB	SHS3	36	40	75	53	12								10	W	8.3	R	31.15	640	05
21	04	67	06.7	SB	SHS3	36	40	75	47	18								0	C	11.34	R	26.59	640	10
21	04	67	06.7	SB	SHS3	36	40	75	47	18								1	W	10.8	R	27.20	640	10
21	04	67	06.7	SB	SHS3	36	40	75	47	18								3	W	8.9	R	29.96	640	10
21	04	67	06.7	SB	SHS3	36	40	75	47	18								4	W	8.7	R	31.28	640	10
21	04	67	06.7	SB	SHS3	36	40	75	47	18								6	W	8.7	R	31.38	640	10
21	04	67	06.7	SB	SHS3	36	40	75	47	18								9	W	8.7	R	31.95	640	10
21	04	67	06.7	SB	SHS3	36	40	75	47	18								12	W	8.7	R	32.04	640	10
21	04	67	06.7	SB	SHS3	36	40	75	47	18								15	W	8.7	R	32.05	640	10
21	04	67	06.7	SB	SHS3	36	40	75	47	18								18	W	8.7	R	32.07	640	10
21	04	67	08.1	SB	SHS3	36	40	75	35	15								0	C	11.08	R	32.55	640	20
21	04	67	08.1	SB	SHS3	36	40	75	35	15								3	W	11.1	R	32.55	640	20
21	04	67	08.1	SB	SHS3	36	40	75	35	15								6	W	11.0	R	32.55	640	20
21	04	67	08.1	SB	SHS3	36	40	75	35	15								9	W	11.0	R	32.56	640	20
21	04	67	08.1	SB	SHS3	36	40	75	35	15								12	W	11.0	R	32.58	640	20
21	04	67	08.1	SB	SHS3	36	40	75	35	15								15	W	11.0	R	32.59	640	20
21	04	67	09.3	SB	SHS3	36	40	75	22	20								0	C	8.22	R	32.62	640	30
21	04	67	09.3	SB	SHS3	36	40	75	22	20								3	W	8.1	R	32.66	640	30
21	04	67	09.3	SB	SHS3	36	40	75	22	20								6	W	8.0	R	32.64	640	30
21	04	67	09.3	SB	SHS3	36	40	75	22	20								9	W	8.0	R	32.59	640	30
21	04	67	09.3	SB	SHS3	36	40	75	22	20								12	W	8.0	R	32.61	640	30
21	04	67	09.3	SB	SHS3	36	40	75	22	20								15	W	8.0	R	32.60	640	30
21	04	67	09.3	SB	SHS3	36	40	75	22	20								18	W	8.0	R	32.58	640	30
21	04	67	10.6	SB	SHS3	36	40	75	10	33								0	C	7.73	R	32.74	640	40
21	04	67	10.6	SB	SHS3	36	40	75	10	33								3	W	7.6	R	32.70	640	40
21	04	67	10.6	SB	SHS3	36	40	75	10	33								6	W	7.1	R	32.68	640	40
21	04	67	10.6	SB	SHS3	36	40	75	10	33								9	W	6.9	R	32.69	640	40
21	04	67	10.6	SB	SHS3	36	40	75	10	33								12	W	6.7	R	32.67	640	40
21	04	67	10.6	SB	SHS3	36	40	75	10	33								15	W	6.4	R	32.63	640	40
21	04	67	10.6	SB	SHS3	36	40	75	10	33								18	W	6.4	R	32.62	640	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
21	04	67	10.6	SB	SHS3	36	40	75	10	33								21	W	6.4	R	32.62	640	40
21	04	67	10.6	SB	SHS3	36	40	75	10	33								24	W	6.5	R	32.65	640	40
21	04	67	10.6	SB	SHS3	36	40	75	10	33								27	W	6.4	R	32.66	640	40
21	04	67	10.6	SB	SHS3	36	40	75	10	33								30	W	6.5	R	32.66	640	40
21	04	67	12.0	SB	SHS3	36	40	74	57	33								0	O	8.98	R	32.84	640	50
21	04	67	12.0	SB	SHS3	36	40	74	57	33								3	W	8.9	R	32.80	640	50
21	04	67	12.0	SB	SHS3	36	40	74	57	33								6	W	8.7	R	32.76	640	50
21	04	67	12.0	SB	SHS3	36	40	74	57	33								9	W	8.3	R	32.78	640	50
21	04	67	12.0	SB	SHS3	36	40	74	57	33								12	W	8.2	R	32.79	640	50
21	04	67	12.0	SB	SHS3	36	40	74	57	33								18	W	8.0	R	32.81	640	50
21	04	67	12.0	SB	SHS3	36	40	74	57	33								18	W	7.7	R	32.83	640	50
21	04	67	12.0	SB	SHS3	36	40	74	57	33								21	W	7.6	R	32.84	640	50
21	04	67	12.0	SB	SHS3	36	40	74	57	33								24	W	7.6	R	32.90	640	50
21	04	67	12.0	SB	SHS3	36	40	74	57	33								27	W	7.6	R	32.86	640	50
21	04	67	12.0	SB	SHS3	36	40	74	57	33								30	W	7.6	R	32.86	640	50
21	04	67	13.5	SB	SHS3	36	40	74	45	75								0	C	9.17	R	33.25	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								1	W	9.1	R	33.24	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								3	W	9.1	R	33.21	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								4	W	9.1	R	33.24	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								6	W	8.8	R	33.24	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								12	W	8.3	R	33.21	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								24	W	8.3	R	33.25	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								27	W	8.1	R	33.26	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								30	W	8.1	R	33.29	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								42	W	7.7	R	33.25	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								51	W	7.8	R	33.29	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								61	W	7.8	R	33.29	640	60
21	04	67	13.5	SB	SHS3	36	40	74	45	75								70	W	7.9	R	33.29	640	60
21	04	67	14.5	SB	SHS3	36	40	74	41	180								0	C	8.42	R	33.32	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								1	W	8.3	R	33.29	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								3	W	8.2	R	33.31	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								6	W	7.9	R	33.29	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								12	W	7.6	R	33.37	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								18	W	7.5	R	33.36	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								24	W	7.5	R	33.36	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								30	W	7.4	R	33.38	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								45	W	7.2	R	33.45	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								61	W	7.2	R	33.54	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								76	W	7.4	R	33.55	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								91	W	7.9	R	33.70	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								115	W	8.7	R	34.00	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								122	W	9.8	R	34.49	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								128	W	10.3	R	34.66	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								134	W	10.6	R	34.77	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								140	W	11.1	R	34.96	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								146	W	11.3	R	34.96	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								152	W	11.3	R	35.02	640	63
21	04	67	14.5	SB	SHS3	36	40	74	41	180								182			R	35.22	640	63
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			0	O	7.23	R	33.21	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			6	W	7.0	R	33.18	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			12	W	6.7	R	33.22	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			18	W	6.4	R	33.25	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			30	W	6.5	R	33.27	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			42	W	7.0	R	33.40	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			54	W	7.7	R	33.52	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			61	W	8.2	R	33.73	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			67	W	8.3	R	34.03	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			79	W	8.6	R	34.11	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			91	W	9.3	R	34.38	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			103	W	9.8	R	34.61	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			115	W	10.1	R	34.73	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			128	W	10.3	R	34.80	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			152	W	10.4	R	34.89	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			167	W	10.8	R	34.97	650	65
21	04	67	17.0	SB	SHS3	36	50	74	39	180		3	31	22	04			183	W	10.8	R	35.16	650	65
21	04	67	18.4	SB	SHS3	36	50	74	45	73								0	O	6.69	R	33.29	650	60
21	04	67	18.4	SB	SHS3	36	50	74	45	73								6	W	6.7	R	33.25	650	60

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		STATION DESIGNATION		
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
21	04	67	18.4	SB	SHS3	36	50	74	45	73								9	W	6.7	R	33.29		650	60
21	04	67	18.4	SB	SHS3	36	50	74	45	73								12	W	6.3	R	33.29		650	60
21	04	67	18.4	SB	SHS3	36	50	74	45	73								15	W	6.2	R	33.30		650	60
21	04	67	18.4	SB	SHS3	36	50	74	45	73								18	W	6.1	R	33.29		650	60
21	04	67	18.4	SB	SHS3	36	50	74	45	73								24	W	5.6	R	33.30		650	60
21	04	67	18.4	SB	SHS3	36	50	74	45	73								36	W	5.3	R	33.32		650	60
21	04	67	18.4	SB	SHS3	36	50	74	45	73								48	W	5.3	R	33.32		650	60
21	04	67	18.4	SB	SHS3	36	50	74	45	73								61	W	5.4	R	33.35		650	60
21	04	67	18.4	SB	SHS3	36	50	74	45	73								73	W	5.4	R	33.36		650	60
21	04	67	20.0	SB	SHS3	36	50	74	57	33								0	0	8.54	R	32.79		650	50
21	04	67	20.0	SB	SHS3	36	50	74	57	33								3	W	8.5	R	32.77		650	50
21	04	67	20.0	SB	SHS3	36	50	74	57	33								6	W	8.5	R	32.76		650	50
21	04	67	20.0	SB	SHS3	36	50	74	57	33								9	W	8.3	R	32.76		650	50
21	04	67	20.0	SB	SHS3	36	50	74	57	33								15	W	7.2	R	32.91		650	50
21	04	67	20.0	SB	SHS3	36	50	74	57	33								21	W	7.0	R	32.91		650	50
21	04	67	20.0	SB	SHS3	36	50	74	57	33								30	W	6.9	R	32.90		650	50
21	04	67	21.5	SB	SHS3	36	50	75	10	27								0	0	7.34	R	32.62		650	40
21	04	67	21.5	SB	SHS3	36	50	75	10	27								3	W	7.3	R	32.60		650	40
21	04	67	21.5	SB	SHS3	36	50	75	10	27								6	W	7.3	R	32.62		650	40
21	04	67	21.5	SB	SHS3	36	50	75	10	27								9	W	7.2	R	32.60		650	40
21	04	67	21.5	SB	SHS3	36	50	75	10	27								12	W	7.0	R	32.61		650	40
21	04	67	21.5	SB	SHS3	36	50	75	10	27								15	W	6.8	R	32.62		650	40
21	04	67	21.5	SB	SHS3	36	50	75	10	27								21	W	6.7	R	32.65		650	40
21	04	67	21.5	SB	SHS3	36	50	75	10	27								27	W	6.7	R	32.66		650	40
22	04	67	06.9	SB	SHS3	36	50	75	22	24								0	0	8.44	R	32.48		650	30
22	04	67	06.9	SB	SHS3	36	50	75	22	24								3	W	8.4	R	32.45		650	30
22	04	67	06.9	SB	SHS3	36	50	75	22	24								6	W	8.4	R	32.46		650	30
22	04	67	06.9	SB	SHS3	36	50	75	22	24								9	W	8.4	R	32.45		650	30
22	04	67	06.9	SB	SHS3	36	50	75	22	24								12	W	8.4	R	32.46		650	30
22	04	67	06.9	SB	SHS3	36	50	75	22	24								15	W	8.2	R	32.46		650	30
22	04	67	06.9	SB	SHS3	36	50	75	22	24								18	W	7.9	R	32.48		650	30
22	04	67	06.9	SB	SHS3	36	50	75	22	24								24	W	7.9	R	32.50		650	30
22	04	67	08.7	SB	SHS3	36	50	75	35	15								0	0	8.69	R	31.88		650	20
22	04	67	08.7	SB	SHS3	36	50	75	35	15								3	W	8.4	R	31.94		650	20
22	04	67	08.7	SB	SHS3	36	50	75	35	15								6	W	8.0	R	31.98		650	20
22	04	67	08.7	SB	SHS3	36	50	75	35	15								9	W	7.8	R	32.08		650	20
22	04	67	08.7	SB	SHS3	36	50	75	35	15								12	W	7.5	R	32.20		650	20
22	04	67	08.7	SB	SHS3	36	50	75	35	15								15	W	7.5	R	32.31		650	20
22	04	67	09.9	SB	SHS3	36	50	75	47	18								0	0	10.48	R	29.27		650	10
22	04	67	09.9	SB	SHS3	36	50	75	47	18								1	W	10.4	R	29.35		650	10
22	04	67	09.9	SB	SHS3	36	50	75	47	18								3	W	9.8	R	29.41		650	10
22	04	67	09.9	SB	SHS3	36	50	75	47	18								4	W	9.0	R	30.37		650	10
22	04	67	09.9	SB	SHS3	36	50	75	47	18								6	W	8.1	R	31.09		650	10
22	04	67	09.9	SB	SHS3	36	50	75	47	18								9	W	7.9	R	31.74		650	10
22	04	67	09.9	SB	SHS3	36	50	75	47	18								12	W	7.9	R	31.83		650	10
22	04	67	09.9	SB	SHS3	36	50	75	47	18								15	W	7.9	R	31.82		650	10
22	04	67	09.9	SB	SHS3	36	50	75	47	18								18	W	7.9	R	31.84		650	10
22	04	67	11.5	SB	SHS3	37	00	75	47	15								0	0	9.46	R	31.32		700	10
22	04	67	11.5	SB	SHS3	37	00	75	47	15								3	W	9.4	R	31.31		700	10
22	04	67	11.5	SB	SHS3	37	00	75	47	15								6	W	9.3	R	31.31		700	10
22	04	67	11.5	SB	SHS3	37	00	75	47	15								9	W	9.1	R	31.38		700	10
22	04	67	11.5	SB	SHS3	37	00	75	47	15								12	W	9.1	R	31.42		700	10
22	04	67	12.8	SB	SHS3	37	00	75	35	21								0	0	8.27	R	31.69		700	20
22	04	67	12.8	SB	SHS3	37	00	75	35	21								3	W	8.3	R	31.63		700	20
22	04	67	12.8	SB	SHS3	37	00	75	35	21								6	W	8.1	R	31.63		700	20
22	04	67	12.8	SB	SHS3	37	00	75	35	21								7	W	8.0	R	31.64		700	20
22	04	67	12.8	SB	SHS3	37	00	75	35	21								9	W	7.4	R	31.67		700	20
22	04	67	12.8	SB	SHS3	37	00	75	35	21								12	W	6.9	R	31.82		700	20
22	04	67	12.8	SB	SHS3	37	00	75	35	21								15	W	6.9	R	31.88		700	20
22	04	67	12.8	SB	SHS3	37	00	75	35	21								18	W	6.8	R	31.90		700	20
22	04	67	12.8	SB	SHS3	37	00	75	35	21								21	W	6.8	R	31.94		700	20

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION						
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰						
22	04	67	14.3	SB	SHS3	37	00	75	22	27								0	0	7.37	R	32.20			700	30		
22	04	67	14.3	SB	SHS3	37	00	75	22	27								3	W	7.4	R	32.18			700	30		
22	04	67	14.3	SB	SHS3	37	00	75	22	27								6	W	7.3	R	32.18			700	30		
22	04	67	14.3	SB	SHS3	37	00	75	22	27								9	W	7.2	R	32.19			700	30		
22	04	67	14.3	SB	SHS3	37	00	75	22	27								12	W	6.8	R	32.19			700	30		
22	04	67	14.3	SB	SHS3	37	00	75	22	27								15	W	6.4	R	32.25			700	30		
22	04	67	14.3	SB	SHS3	37	00	75	22	27								18	W	6.4	R	32.29			700	30		
22	04	67	14.3	SB	SHS3	37	00	75	22	27								21	W	6.4	R	32.30			700	30		
22	04	67	14.3	SB	SHS3	37	00	75	22	27								24	W	6.4	R	32.31			700	30		
22	04	67	14.3	SB	SHS3	37	00	75	22	27								27	W	6.4	R	32.31			700	30		
22	04	67	15.5	SB	SHS3	37	00	75	10	37								0	0	7.57	R	32.37			700	40		
22	04	67	15.5	SB	SHS3	37	00	75	10	37								3	W	7.6	R	32.36			700	40		
22	04	67	15.5	SB	SHS3	37	00	75	10	37								6	W	7.5	R	32.36			700	40		
22	04	67	15.5	SB	SHS3	37	00	75	10	37								9	W	7.4	R	32.37			700	40		
22	04	67	15.5	SB	SHS3	37	00	75	10	37								12	W	7.4	R	32.36			700	40		
22	04	67	15.5	SB	SHS3	37	00	75	10	37								15	W	7.2	R	32.36			700	40		
22	04	67	15.5	SB	SHS3	37	00	75	10	37								18	W	6.6	R	32.37			700	40		
22	04	67	15.5	SB	SHS3	37	00	75	10	37								24	W	6.3	R	32.42			700	40		
22	04	67	15.5	SB	SHS3	37	00	75	10	37								30	W	6.3	R	32.43			700	40		
22	04	67	15.5	SB	SHS3	37	00	75	10	37								36	W	6.3	R	32.44			700	40		
22	04	67	16.9	SB	SHS3	37	00	74	57	43								0	0	6.86	R	32.55			700	50		
22	04	67	16.9	SB	SHS3	37	00	74	57	43								3	W	6.9	R	32.55			700	50		
22	04	67	16.9	SB	SHS3	37	00	74	57	43								6	W	6.9	R	32.55			700	50		
22	04	67	16.9	SB	SHS3	37	00	74	57	43								9	W	6.9	R	32.55			700	50		
22	04	67	16.9	SB	SHS3	37	00	74	57	43								12	W	6.8	R	32.70			700	50		
22	04	67	16.9	SB	SHS3	37	00	74	57	43								15	W	6.8	R	32.97			700	50		
22	04	67	16.9	SB	SHS3	37	00	74	57	43								18	W	6.5	R	33.04			700	50		
22	04	67	16.9	SB	SHS3	37	00	74	57	43								21	W	6.2	R	32.58			700	50		
22	04	67	16.9	SB	SHS3	37	00	74	57	43								27	W	6.0	R	33.09			700	50		
22	04	67	16.9	SB	SHS3	37	00	74	57	43								33	W	6.0	R	33.09			700	50		
22	04	67	16.9	SB	SHS3	37	00	74	57	43								39	W	6.0	R	33.10			700	50		
22	04	67	18.8	SB	SHS3	37	00	74	45	75								0	W	7.1	R	33.10			700	60		
22	04	67	18.8	SB	SHS3	37	00	74	45	75								6	W	7.1	R	33.09			700	60		
22	04	67	18.8	SB	SHS3	37	00	74	45	75								12	W	7.0	R	33.09			700	60		
22	04	67	18.8	SB	SHS3	37	00	74	45	75								18	W	6.7	R	33.13			700	60		
22	04	67	18.8	SB	SHS3	37	00	74	45	75								21	W	6.4	R	33.16			700	60		
22	04	67	18.8	SB	SHS3	37	00	74	45	75								24	W	6.1	R	33.13			700	60		
22	04	67	18.8	SB	SHS3	37	00	74	45	75								30	W	6.1	R	33.14			700	60		
22	04	67	18.8	SB	SHS3	37	00	74	45	75								42	W	6.2	R	33.22			700	60		
22	04	67	18.8	SB	SHS3	37	00	74	45	75								54	W	6.2	R	33.22			700	60		
22	04	67	18.8	SB	SHS3	37	00	74	45	75								73			R	33.34			700	60		
22	04	67	20.3	SB	SHS3	37	10	74	45	75								0	0	7.41	R	33.18			710	60		
22	04	67	20.3	SB	SHS3	37	10	74	45	75								6	W	7.4	R	33.18			710	60		
22	04	67	20.3	SB	SHS3	37	10	74	45	75								9	W	7.4	R	33.19			710	60		
22	04	67	20.3	SB	SHS3	37	10	74	45	75								12	W	7.2	R	33.17			710	60		
22	04	67	20.3	SB	SHS3	37	10	74	45	75								15	W	7.1	R	33.17			710	60		
22	04	67	20.3	SB	SHS3	37	10	74	45	75								18	W	7.1	R	33.17			710	60		
22	04	67	20.3	SB	SHS3	37	10	74	45	75								21	W	6.6	R	33.16			710	60		
22	04	67	20.3	SB	SHS3	37	10	74	45	75								30	W	6.3	R	33.16			710	60		
22	04	67	20.3	SB	SHS3	37	10	74	45	75								42	W	6.2	R	33.21			710	60		
22	04	67	20.3	SB	SHS3	37	10	74	45	75								54	W	6.2	R	33.21			710	60		
22	04	67	20.3	SB	SHS3	37	10	74	45	75								73			R	33.22			710	60		
22	04	67	22.2	SB	SHS3	37	10	74	57	40								0	0	7.80	R	32.74			710	50		
22	04	67	22.2	SB	SHS3	37	10	74	57	40								6	W	7.6	R	32.81			710	50		
22	04	67	22.2	SB	SHS3	37	10	74	57	40								9	W	7.6	R	32.81			710	50		
22	04	67	22.2	SB	SHS3	37	10	74	57	40								12	W	7.4	R	32.83			710	50		
22	04	67	22.2	SB	SHS3	37	10	74	57	40								15	W	6.9	R	32.84			710	50		
22	04	67	22.2	SB	SHS3	37	10	74	57	40								18	W	6.4	R	32.85			710	50		
22	04	67	22.2	SB	SHS3	37	10	74	57	40								24	W	6.2	R	32.98			710	50		
22	04	67	22.2	SB	SHS3	37	10	74	57	40								30	W	6.2	R	32.98			710	50		
22	04	67	22.2	SB	SHS3	37	10	74	57	40								36	W	6.2	R	32.98			710	50		
23	04	67	06.4	SB	SHS3	37	10	75	10	31								0	0	7.42	R	32.33			710	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
23	04	67	06.4	SB	SHS3	37	10	75	10	31								3	W	7.4	R	32.32	710	40
23	04	67	06.4	SB	SHS3	37	10	75	10	31								6	W	7.3	R	32.31	710	40
23	04	67	06.4	SB	SHS3	37	10	75	10	31								9	W	7.2	R	32.32	710	40
23	04	67	06.4	SB	SHS3	37	10	75	10	31								12	W	6.8	R	32.35	710	40
23	04	67	06.4	SB	SHS3	37	10	75	10	31								15	W	6.7	R	32.47	710	40
23	04	67	06.4	SB	SHS3	37	10	75	10	31								24	W	6.7	R	32.61	710	40
23	04	67	06.4	SB	SHS3	37	10	75	10	31								30	W	6.7	R	32.62	710	40
23	04	67	07.8	SB	SHS3	37	10	75	22	27								0	C	8.24	R	32.00	710	30
23	04	67	07.8	SB	SHS3	37	10	75	22	27								3	W	8.2	R	32.00	710	30
23	04	67	07.8	SB	SHS3	37	10	75	22	27								6	W	8.2	R	32.11	710	30
23	04	67	07.8	SB	SHS3	37	10	75	22	27								9	W	8.0	R	32.23	710	30
23	04	67	07.8	SB	SHS3	37	10	75	22	27								12	W	7.8	R	32.26	710	30
23	04	67	07.8	SB	SHS3	37	10	75	22	27								15	W	7.5	R	32.30	710	30
23	04	67	07.8	SB	SHS3	37	10	75	22	27								18	W	7.5	R	32.30	710	30
23	04	67	07.8	SB	SHS3	37	10	75	22	27								21	W	7.5	R	32.31	710	30
23	04	67	07.8	SB	SHS3	37	10	75	22	27								27	W	7.5	R	32.31	710	30
23	04	67	09.3	SB	SHS3	37	10	75	35	18								0	C	9.39	R	31.52	710	20
23	04	67	09.3	SB	SHS3	37	10	75	35	18								3	W	9.2	R	31.54	710	20
23	04	67	09.3	SB	SHS3	37	10	75	35	18								6	W	9.0	R	31.58	710	20
23	04	67	09.3	SB	SHS3	37	10	75	35	18								7	W	8.8	R	31.58	710	20
23	04	67	09.3	SB	SHS3	37	10	75	35	18								9	W	8.3	R	31.61	710	20
23	04	67	09.3	SB	SHS3	37	10	75	35	18								12	W	8.1	R	31.72	710	20
23	04	67	09.3	SB	SHS3	37	10	75	35	18								15	W	8.1	R	31.90	710	20
23	04	67	09.3	SB	SHS3	37	10	75	35	18								18	W	8.1	R	32.00	710	20
23	04	67	10.1	SB	SHS3	37	10	75	41	15								0	C	10.75	R	31.42	710	15
23	04	67	10.1	SB	SHS3	37	10	75	41	15								3	W	10.5	R	31.50	710	15
23	04	67	10.1	SB	SHS3	37	10	75	41	15								6	W	10.3	R	31.54	710	15
23	04	67	10.1	SB	SHS3	37	10	75	41	15								7	W	10.2	R	31.54	710	15
23	04	67	10.1	SB	SHS3	37	10	75	41	15								9	W	9.6	R	31.64	710	15
23	04	67	10.1	SB	SHS3	37	10	75	41	15								12	W	9.4	R	31.68	710	15
23	04	67	10.7	SB	SHS3	37	10	75	47	06								0	C	10.99	R	31.28	710	10
23	04	67	10.7	SB	SHS3	37	10	75	47	06								3	W	10.7	R	31.27	710	10
23	04	67	10.7	SB	SHS3	37	10	75	47	06								6	W	10.2	R	31.27	710	10
23	04	67	11.6	SB	SHS3	37	05	75	50	08								0	C	10.75	R	31.38	705	08
23	04	67	11.6	SB	SHS3	37	05	75	50	08								1	W	10.6	R	31.37	705	08
23	04	67	11.6	SB	SHS3	37	05	75	50	08								3	W	10.0	R	31.38	705	08
23	04	67	11.6	SB	SHS3	37	05	75	50	08								4	W	9.9	R	31.37	705	08
23	04	67	11.6	SB	SHS3	37	05	75	50	08								6	W	9.9	R	31.37	705	08
23	04	67	11.6	SB	SHS3	37	05	75	50	08								7	W	9.9	R	31.37	705	08
23	04	67	12.6	SB	SHS3	37	00	75	47	15								0	C	11.18	R	30.77	700	10
23	04	67	12.6	SB	SHS3	37	00	75	47	15								1	W	11.2	R	30.74	700	10
23	04	67	12.6	SB	SHS3	37	00	75	47	15								3	W	11.0	R	30.76	700	10
23	04	67	12.6	SB	SHS3	37	00	75	47	15								4	W	10.6	R	30.85	700	10
23	04	67	12.6	SB	SHS3	37	00	75	47	15								6	W	10.4	R	30.90	700	10
23	04	67	12.6	SB	SHS3	37	00	75	47	15								7	W	10.0	R	31.00	700	10
23	04	67	12.6	SB	SHS3	37	00	75	47	15								9	W	9.8	R	31.15	700	10
23	04	67	12.6	SB	SHS3	37	00	75	47	15								10	W	9.8	R	31.23	700	10
23	04	67	13.5	SB	SHS3	37	00	75	53	06								0	C	11.12	R	28.54	700	05
23	04	67	13.5	SB	SHS3	37	00	75	53	06								3	W	11.1	R	28.51	700	05
23	04	67	13.5	SB	SHS3	37	00	75	53	06								6	W	11.0	R	28.65	700	05
23	04	67	14.2	SB	SHS3	36	55	75	57	15								0	C	13.95	R	23.85	655	02
23	04	67	14.2	SB	SHS3	36	55	75	57	15								1	W	13.7	R	23.98	655	02
23	04	67	14.2	SB	SHS3	36	55	75	57	15								3	W	13.2	R	26.78	655	02
23	04	67	14.2	SB	SHS3	36	55	75	57	15								4	W	12.6	R	26.27	655	02
23	04	67	14.2	SB	SHS3	36	55	75	57	15								6	W	12.1	R	26.98	655	02
23	04	67	14.2	SB	SHS3	36	55	75	57	15								9	W	11.5	R	28.27	655	02
23	04	67	14.2	SB	SHS3	36	55	75	57	15								12	W	11.2	R	29.38	655	02
23	04	67	14.2	SB	SHS3	36	55	75	57	15								15	W	11.1	R	28.04	655	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		STATION DESIGNATION
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰	

SHS 4-67 16 to 19 May 1967

Stations Sampled

640-05	650-04	700-00(CBO)	710-10
640-10	650-10	700-05	710-15
640-20	650-20	700-10	710-20
640-30	650-30	700-20	710-30
640-40	650-40	700-30	710-40
640-50	650-50	700-40	710-50
640-60	650-60	700-50	710-60
640-63	650-65	700-60	710-70
		700-66	
645-05	654-03		
		705-08	

Sampling Sequence

Date	Time	Station	Date	Time	Station
16 May	10.9	654-03	18 May	05.1	710-50
	11.5	650-04		06.5	710-40
	12.1	645-05		08.0	700-40
	12.7	640-05		09.4	650-40
	13.2	640-10		10.9	650-30
	14.5	640-20		12.3	700-30
	16.2	640-30		13.6	710-30
	17.5	640-40		15.0	710-20
	19.1	640-50		15.9	710-15
	20.5	640-60		16.5	710-10
	21.6	640-63		17.3	705-08
17 May	06.8	650-65		18.3	700-10
	10.1	700-66		19.6	700-20
	12.1	710-70		21.1	650-20
	14.0	710-60		22.4	650-10
	15.9	700-60	19 May	06.1	700-05
	17.5	650-60		06.8	700-00(CBO)
	19.0	650-50			
	20.5	700-50			

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
16	05	67	10.9	SB	SHS4	36	54	75	57	12				00	00			0	C	14.53	R	23.21	654	03
16	05	67	10.9	SB	SHS4	36	54	75	57	12				00	00			3	W	14.3	R	23.68	654	03
16	05	67	10.9	SB	SHS4	36	54	75	57	12				00	00			6	W	13.3	R	25.04	654	03
16	05	67	10.9	SB	SHS4	36	54	75	57	12				00	00			9	W	12.2	R	28.48	654	03
16	05	67	10.9	SB	SHS4	36	54	75	57	12				00	00			12	W	11.4	R	28.28	654	03
16	05	67	11.5	SB	SHS4	36	50	75	55	12				00	00			0	C	14.96	R	25.26	650	04
16	05	67	11.5	SB	SHS4	36	50	75	55	12				00	00			3	W	13.9	R	25.71	650	04
16	05	67	11.5	SB	SHS4	36	50	75	55	12				00	00			6	W	13.4	R	26.78	650	04
16	05	67	11.5	SB	SHS4	36	50	75	55	12				00	00			9	W	12.7	R	27.41	650	04
16	05	67	11.5	SB	SHS4	36	50	75	55	12				00	00			12			R	28.43	650	04
16	05	67	12.1	SB	SHS4	36	45	75	54	12				00	00			0	C	15.16	R	23.96	645	05
16	05	67	12.1	SB	SHS4	36	45	75	54	12				00	00			3	W	14.9	R	26.00	645	05
16	05	67	12.1	SB	SHS4	36	45	75	54	12				00	00			6	W	14.2	R	26.84	645	05
16	05	67	12.1	SB	SHS4	36	45	75	54	12				00	00			9	W	13.7	R	23.65	645	05
16	05	67	12.1	SB	SHS4	36	45	75	54	12				00	00			12	W	13.2	R	28.13	645	05
16	05	67	12.7	SB	SHS4	36	40	75	53	13								0	C	13.78	R	27.94	640	05
16	05	67	12.7	SB	SHS4	36	40	75	53	13								3	W	13.7	R	27.90	640	05
16	05	67	12.7	SB	SHS4	36	40	75	53	13								6	W	13.5	R	27.95	640	05
16	05	67	12.7	SB	SHS4	36	40	75	53	13								9	W	13.3	R	28.21	640	05
16	05	67	12.7	SB	SHS4	36	40	75	53	13								12			R	28.54	640	05
16	05	67	13.2	SB	SHS4	36	40	75	47	18				18	03			0	C	14.26	R	27.38	640	10
16	05	67	13.2	SB	SHS4	36	40	75	47	18				18	03			3	W	14.1	R	27.38	640	10
16	05	67	13.2	SB	SHS4	36	40	75	47	18				18	03			6	W	13.6	R	27.55	640	10
16	05	67	13.2	SB	SHS4	36	40	75	47	18				18	03			9	W	13.7	R	27.83	640	10
16	05	67	13.2	SB	SHS4	36	40	75	47	18				18	03			12	W	12.2	R	28.65	640	10
16	05	67	13.2	SB	SHS4	36	40	75	47	18				18	03			15	W	11.8	R	30.07	640	10
16	05	67	13.2	SB	SHS4	36	40	75	47	18				18	03			18			R	30.66	640	10
16	05	67	14.5	SB	SHS4	36	40	75	35	18				15	03			0	C	12.93	R	30.26	640	20
16	05	67	14.5	SB	SHS4	36	40	75	35	18				15	03			3	W	12.8	R	30.19	640	20
16	05	67	14.5	SB	SHS4	36	40	75	35	18				15	03			6	W	12.1	R	30.24	640	20
16	05	67	14.5	SB	SHS4	36	40	75	35	18				15	03			9	W	10.0	R	30.88	640	20
16	05	67	14.5	SB	SHS4	36	40	75	35	18				15	03			12	W	9.9	R	31.51	640	20
16	05	67	14.5	SB	SHS4	36	40	75	35	18				15	03			15	W	9.8	R	31.65	640	20
16	05	67	14.5	SB	SHS4	36	40	75	35	18				15	03			18			R	31.65	640	20
16	05	67	16.2	SB	SHS4	36	40	75	22	20				20	03			0	C	12.64	R	31.92	640	30
16	05	67	16.2	SB	SHS4	36	40	75	22	20				20	03			3	W	12.4	R	31.90	640	30
16	05	67	16.2	SB	SHS4	36	40	75	22	20				20	03			6	W	12.3	R	31.91	640	30
16	05	67	16.2	SB	SHS4	36	40	75	22	20				20	03			9	W	12.0	R	31.92	640	30
16	05	67	16.2	SB	SHS4	36	40	75	22	20				20	03			12	W	11.7	R	31.95	640	30
16	05	67	16.2	SB	SHS4	36	40	75	22	20				20	03			15	W	11.1	R	32.06	640	30
16	05	67	16.2	SB	SHS4	36	40	75	22	20				20	03			18	W	11.0	R	32.09	640	30
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			0	C	11.22	R	32.26	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			3	W	11.1	R	32.21	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			6	W	10.9	R	32.23	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			9	W	10.7	R	32.20	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			12	W	10.1	R	32.26	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			15	W	9.3	R	32.38	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			18	W	9.0	R	32.44	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			21	W	8.7	R	32.50	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			24	W	8.6	R	32.53	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			27	W	8.5	R	32.54	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			30	W	8.4	R	32.58	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			33	W	8.3	R	32.61	640	40
16	05	67	17.5	SB	SHS4	36	40	75	10	37				19	03			36	W	8.3	R	32.63	640	40
16	05	67	19.1	SB	SHS4	36	40	74	57	33								0	C	11.45	R	32.46	640	50
16	05	67	19.1	SB	SHS4	36	40	74	57	33								3	W	11.4	R	32.44	640	50
16	05	67	19.1	SB	SHS4	36	40	74	57	33								6	W	10.5	R	32.42	640	50
16	05	67	19.1	SB	SHS4	36	40	74	57	33								9	W	10.2	R	32.43	640	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
16	05	67	19.1	SB	SHS4	36	40	74	57	33								12	W	10.0	R	32.45	640	50
16	05	67	19.1	SB	SHS4	36	40	74	57	33								15	W	7.4	R	32.56	640	50
16	05	67	19.1	SB	SHS4	36	40	74	57	33								18	W	7.4	R	32.69	640	50
16	05	67	19.1	SB	SHS4	36	40	74	57	33								21	W	7.4	R	32.76	640	50
16	05	67	19.1	SB	SHS4	36	40	74	57	33								24	W	7.4	R	32.79	640	50
16	05	67	19.1	SB	SHS4	36	40	74	57	33								27	W	7.4	R	32.81	640	50
16	05	67	19.1	SB	SHS4	36	40	74	57	33								30	W	7.4	R	32.80	640	50
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			0	C	10.12	R	32.81	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			3	W	10.1	R	32.82	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			6	W	9.7	R	32.80	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			9	W	9.4			640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			12	W	9.3	R	32.82	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			15	W	9.3	R	32.86	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			18	W	9.3	R	32.99	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			21	W	9.4	R	33.14	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			24	W	10.2	R	33.25	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			27	W	10.9	R	33.52	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			30	W	11.3	R	33.78	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			33	W	11.7	R	33.93	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			36	W	12.1	R	34.06	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			40	W	10.8	R	34.07	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			46	W	10.1	R	34.09	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			52	W	10.3	R	34.18	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			58	W	11.0	R	34.43	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			64	W	11.2	R	34.61	640	60
16	05	67	20.5	SB	SHS4	36	40	74	45	75				00	00			70	W	11.4	R	34.67	640	60
16	05	67	21.6	SB	SHS4	36	40	74	41	180								0	C	9.71	R	32.98	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								3	W	9.2	R	33.00	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								6	W	8.7	R	32.96	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								9	W	8.8	R	32.98	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								12	W	8.7	R	32.98	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								15	W	8.6	R	32.97	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								18	W	8.6	R	33.02	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								21	W	8.6	R	33.09	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								24	W	8.6	R	33.11	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								27	W	8.8	R	33.14	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								30	W	9.1	R	33.26	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								33	W	9.8	R	33.41	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								36	W	10.7	R	33.86	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								40	W	10.6	R	34.02	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								50	W	10.7	R	34.32	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								60	W	10.6	R	34.91	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								70	W	10.7	R	35.05	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								80	W	10.7	R	35.19	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								90	W	10.7	R	35.18	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								100	W	10.7	R	35.31	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								120	W	10.8	R	35.35	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								140	W	10.4	R	35.33	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								160	W	10.0	R	35.30	640	63
16	05	67	21.6	SB	SHS4	36	40	74	41	180								180	W	10.8	R	35.26	640	63
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			0	C	10.56	R	33.20	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			3	W	10.6	R	33.18	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			6	W	10.5	R	33.18	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			9	W	10.1	R	33.14	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			12	W	9.8	R	33.14	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			15	W	9.9	R	33.18	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			18	W	9.9	R	33.20	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			21	W	9.8	R	33.34	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			24	W	10.6	R	33.56	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			27	W	10.6	R	33.68	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			30	W	9.4	R	33.70	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			33	W	10.4	R	33.89	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			36	W	11.4	R	34.07	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			40	W	12.2	R	34.53	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			50	W	13.1	R	34.88	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			60	W	11.2	R	34.82	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			70	W	10.7	R	34.74	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			80	W	11.2	R	34.93	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			90	W	11.5	R	35.16	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			100	W	11.8	R	35.28	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			120	W	11.9	R	35.33	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			140	W	11.9	R	35.40	650	65
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			160	W	11.7	R	35.35	650	65

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
17	05	67	06.8	SB	SHS4	36	50	74	39	180				05	03			180	W	11.4	R	35.38		650	65
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			0	O	11.27	R	32.74		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			3	W	9.8	R	32.76		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			6	W	9.6	R	32.81		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			9	W	9.4	R	32.78		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			12	W	9.3	R	32.78		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			15	W	9.2	R	32.83		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			18	W	8.9	R	32.83		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			21	W	8.7	R	32.84		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			24	W	8.7	R	32.93		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			27	W	8.7	R	33.02		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			30	W	8.7	R	33.03		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			33	W	8.6	R	33.02		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			36	W	8.6	R	33.10		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			40	W	8.9	R	33.13		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			50	W	10.7	R	33.85		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			60	W	10.7	R	34.04		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			70	W	11.4	R	34.20		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			80	W	11.3	R	34.57		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			90	W	11.6	R	34.64		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			100	W	11.8	R	34.77		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			120	W	12.1	R	34.98		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			140	W	12.9	R	35.30		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			160	W	12.9	R	35.36		700	66
17	05	67	10.1	SB	SHS4	37	00	74	37	180				00	00			180	W	12.6	R	35.35		700	66
17	05	67	12.1	SB	SHS4	37	10	74	32	190								0	O	13.03	R	32.69		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								3	W	12.7	R	32.67		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								6	W	12.4	R	32.76		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								9	W	12.2	R	32.67		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								12	W	11.7	R	32.74		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								15	W	11.2	R	32.74		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								18	W	11.1	R	32.74		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								21	W	11.0	R	32.79		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								24	W	11.0	R	32.74		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								27	W	10.9	R	32.77		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								30	W	10.6	R	32.79		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								33	W	10.3	R	32.82		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								36	W	10.0	R	32.84		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								40	W	9.7	R	32.85		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								50	W	10.8	R	33.09		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								60	W	11.6	R	33.63		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								70	W	13.6	R	34.11		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								80	W	14.5	R	34.70		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								90	W	15.2	R	34.96		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								100	W	15.4	R	35.09		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								120	W	16.1	R	35.24		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								140	W	16.0	R	35.34		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								160	W	15.9	R	35.39		710	70
17	05	67	12.1	SB	SHS4	37	10	74	32	190								180	W	15.7	R	35.35		710	70
17	05	67	14.0	SB	SHS4	37	10	74	45	76								0	O	10.91	R	32.67		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								3	W	10.4	R	32.67		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								6	W	10.2	R	32.61		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								9	W	9.9	R	32.63		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								12	W	9.8	R	32.64		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								15	W	9.6	R	32.66		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								18	W	9.3	R	32.67		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								21	W	8.6	R	32.71		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								24	W	8.0	R	32.79		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								27	W	7.7	R	32.82		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								30	W	7.4	R	32.84		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								34	W	7.0	R	32.94		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								40	W	6.8	R	32.24		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								46	W	6.9	R	33.41		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								52	W	7.1	R	33.51		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								58	W	7.2	R	33.56		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								64			R	33.58		710	60
17	05	67	14.0	SB	SHS4	37	10	74	45	76								70			R	32.68		710	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			0	O	12.69	R	32.86		700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			3	W	11.3	R	32.90		700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			6	W	11.0	R	32.95		700	60

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		STATION DESIGNATION				
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M				DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰				
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			9	W	10.5	R	32.97			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			12	W	10.3	R	32.97			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			15	W	10.0	R	32.95			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			18	W	9.3	R	32.93			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			21	W	8.1	R	32.87			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			24	W	8.1	R	32.84			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			27	W	8.1	R	32.90			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			30	W	7.9	R	32.95			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			34	W	7.7	R	33.17			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			40	W	7.7	R	33.25			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			46	W	7.9	R	33.36			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			52	W	8.5	R	33.42			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			58	W	9.2	R	33.64			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			64	W	8.5	R	33.92			700	60
17	05	67	15.9	SB	SHS4	37	00	74	45	76				00	00			70	W	8.3	R	34.04			700	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								0	D	12.07	R	33.20			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								3	W	11.4	R	33.11			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								6	W	10.8	R	33.14			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								9	W	10.9	R	33.22			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								12	W	11.2	R	33.31			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								15	W	11.2	R	33.51			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								18	W	11.2	R	33.56			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								21	W	11.2	R	33.62			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								24	W	11.2	R	33.65			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								27	W	11.1	R	33.78			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								30	W	10.3	R	33.85			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								34	W	11.4	R	34.15			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								40	W	10.8	R	34.43			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								46	W	10.3	R	34.58			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								52	W	10.4	R	34.67			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								58	W	10.9	R	34.87			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								64	W	10.6	R	34.86			650	60
17	05	67	17.5	SB	SHS4	36	50	74	45	75								70	W	10.4	R	34.82			650	60
17	05	67	19.0	SB	SHS4	36	50	74	57	36								0	D	10.84	R	32.78			650	50
17	05	67	19.0	SB	SHS4	36	50	74	57	36								3	W	10.7	R	32.79			650	50
17	05	67	19.0	SB	SHS4	36	50	74	57	36								6	W	10.3	R	32.75			650	50
17	05	67	19.0	SB	SHS4	36	50	74	57	36								9	W	9.6	R	32.78			650	50
17	05	67	19.0	SB	SHS4	36	50	74	57	36								12	W	9.3	R	32.79			650	50
17	05	67	19.0	SB	SHS4	36	50	74	57	36								15	W	8.8	R	32.81			650	50
17	05	67	19.0	SB	SHS4	36	50	74	57	36								18	W	7.5	R	32.86			650	50
17	05	67	19.0	SB	SHS4	36	50	74	57	36								21	W	6.8	R	32.90			650	50
17	05	67	19.0	SB	SHS4	36	50	74	57	36								24	W	6.7	R	32.93			650	50
17	05	67	19.0	SB	SHS4	36	50	74	57	36								27	W	6.7	R	32.88			650	50
17	05	67	19.0	SB	SHS4	36	50	74	57	36								30	W	6.7	R	32.93			650	50
17	05	67	19.0	SB	SHS4	36	50	74	57	36								33	W	6.7	R	32.90			650	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			0	D	11.16	R	32.71			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			3	W	11.1	R	32.73			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			6	W	9.5	R	32.70			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			9	W	9.7	R	32.72			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			12	W	8.9	R	32.70			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			15	W	8.8	R	32.75			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			18	W	8.7	R	32.78			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			21	W	8.3	R	32.78			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			24	W	6.7	R	32.84			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			27	W	6.5	R	33.00			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			30	W	6.4	R	33.04			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			33	W	6.4	R	33.05			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			36	W	6.4	R	33.10			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			39	W	6.4	R	33.13			700	50
17	05	67	20.5	SB	SHS4	37	00	74	57	44					02			42	W	6.4	R	32.84			700	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40								0	D	10.94	R	32.52			710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40								3	W	10.9	R	32.50			710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40								6	W	10.8	R	32.51			710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40								9	W	10.5	R	32.53			710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40								12	W	10.3	R	32.58			710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40								15	W	9.7	R	32.61			710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40								18	W	9.4	R	32.63			710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40								21	W	8.6	R	32.70			710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40								24	W	7.2	R	32.80			710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40								27	W	6.8	R	32.81			710	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
18	05	67	05.1	SB	SHS4	37	10	74	57	40						30	W	6.8	R	32.83	710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40						33	W	6.8	R	32.86	710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40						36	W	6.5	R	32.97	710	50
18	05	67	05.1	SB	SHS4	37	10	74	57	40						39	W	6.4	R	32.98	710	50
18	05	67	06.5	SB	SHS4	37	10	75	10	31						0	O	11.09	R	32.32	710	40
18	05	67	06.5	SB	SHS4	37	10	75	10	31						3	W	11.1	R	32.27	710	40
18	05	67	06.5	SB	SHS4	37	10	75	10	31						6	W	11.0	R	32.29	710	40
18	05	67	06.5	SB	SHS4	37	10	75	10	31						9	W	10.7	R	32.43	710	40
18	05	67	06.5	SB	SHS4	37	10	75	10	31						12	W	10.2	R	32.45	710	40
18	05	67	06.5	SB	SHS4	37	10	75	10	31						15	W	10.0	R	32.52	710	40
18	05	67	06.5	SB	SHS4	37	10	75	10	31						18	W	8.0	R	32.68	710	40
18	05	67	06.5	SB	SHS4	37	10	75	10	31						21	W	7.3	R	32.74	710	40
18	05	67	06.5	SB	SHS4	37	10	75	10	31						24	W	7.3	R	32.74	710	40
18	05	67	06.5	SB	SHS4	37	10	75	10	31						27	W	7.3	R	32.73	710	40
18	05	67	06.5	SB	SHS4	37	10	75	10	31						30	W	7.4	R	32.74	710	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		0	O	11.67	R	32.51	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		3	W	11.0	R	32.48	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		6	W	11.3	R	32.52	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		9	W	10.9	R	32.51	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		12	W	10.5	R	32.55	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		15	W	10.1	R	32.55	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		18	W	9.5	R	32.58	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		21	W	07.50	R	32.70	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		24	W	06.70	R	32.79	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		27	W	06.60	R	32.90	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		30	W	06.50	R	32.92	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		33	W	06.40	R	32.86	700	40
18	05	67	08.0	SB	SHS4	37	00	75	10	37			13	01		36	W	06.40	R	32.87	700	40
18	05	67	09.4	SB	SHS4	36	50	75	10	31						0	O	13.39	R	31.92	650	40
18	05	67	09.4	SB	SHS4	36	50	75	10	31						3	W	13.2	R	31.90	650	40
18	05	67	09.4	SB	SHS4	36	50	75	10	31						6	W	12.8	R	32.08	650	40
18	05	67	09.4	SB	SHS4	36	50	75	10	31						9	W	12.3	R	32.16	650	40
18	05	67	09.4	SB	SHS4	36	50	75	10	31						12	W	12.0	R	32.20	650	40
18	05	67	09.4	SB	SHS4	36	50	75	10	31						15	W	11.2	R	32.34	650	40
18	05	67	09.4	SB	SHS4	36	50	75	10	31						18	W	9.6	R	32.54	650	40
18	05	67	09.4	SB	SHS4	36	50	75	10	31						21	W	9.5	R	32.63	650	40
18	05	67	09.4	SB	SHS4	36	50	75	10	31						24	W	9.5	R	32.76	650	40
18	05	67	09.4	SB	SHS4	36	50	75	10	31						27	W	9.5	R	32.72	650	40
18	05	67	09.4	SB	SHS4	36	50	75	10	31						30			R	32.73	650	40
18	05	67	10.9	SB	SHS4	36	50	75	22	23			00	00		0	O	11.12	R	31.28	650	30
18	05	67	10.9	SB	SHS4	36	50	75	22	23			00	00		3	W	15.8	R	31.18	650	30
18	05	67	10.9	SB	SHS4	36	50	75	22	23			00	00		6	W	15.6	R	31.22	650	30
18	05	67	10.9	SB	SHS4	36	50	75	22	23			00	00		9	W	13.6	R	31.63	650	30
18	05	67	10.9	SB	SHS4	36	50	75	22	23			00	00		12	W	11.9	R	31.94	650	30
18	05	67	10.9	SB	SHS4	36	50	75	22	23			00	00		15	W	11.7	R	32.30	650	30
18	05	67	10.9	SB	SHS4	36	50	75	22	23			00	00		18	W	11.5	R	32.34	650	30
18	05	67	10.9	SB	SHS4	36	50	75	22	23			00	00		21	W	10.9	R	32.51	650	30
18	05	67	12.3	SB	SHS4	37	00	75	22	30						0	O	15.67	R	32.08	700	30
18	05	67	12.3	SB	SHS4	37	00	75	22	30						3	W	15.5	R	32.13	700	30
18	05	67	12.3	SB	SHS4	37	00	75	22	30						6	W	15.4	R	32.11	700	30
18	05	67	12.3	SB	SHS4	37	00	75	22	30						9	W	15.2	R	32.08	700	30
18	05	67	12.3	SB	SHS4	37	00	75	22	30						12	W	14.3	R	32.20	700	30
18	05	67	12.3	SB	SHS4	37	00	75	22	30						15	W	12.0	R	32.55	700	30
18	05	67	12.3	SB	SHS4	37	00	75	22	30						18	W	11.1	R	32.67	700	30
18	05	67	12.3	SB	SHS4	37	00	75	22	30						21	W	11.1	R	32.70	700	30
18	05	67	12.3	SB	SHS4	37	00	75	22	30						24	W	11.0	R	32.71	700	30
18	05	67	12.3	SB	SHS4	37	00	75	22	30						27	W	11.0	R	32.71	700	30
18	05	67	12.3	SB	SHS4	37	00	75	22	30						30	W	11.1	R	32.71	700	30
18	05	67	13.6	SB	SHS4	37	10	75	22	30			00	00		0	O	14.16	R	32.32	710	30
18	05	67	13.6	SB	SHS4	37	10	75	22	30			00	00		3	W	13.1	R	32.36	710	30
18	05	67	13.6	SB	SHS4	37	10	75	22	30			00	00		6	W	12.2	R	32.36	710	30
18	05	67	13.6	SB	SHS4	37	10	75	22	30			00	00		9	W	11.8	R	32.33	710	30
18	05	67	13.6	SB	SHS4	37	10	75	22	30			00	00		12	W	11.5	R	32.36	710	30
18	05	67	13.6	SB	SHS4	37	10	75	22	30			00	00		15	W	11.3	R	32.36	710	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
18	05	67	13.6	SB	SHS4	37	10	75	22	30			00	00		18	W	9.7	R	32.51	710	30
18	05	67	13.6	SB	SHS4	37	10	75	22	30			00	00		21	W	9.0	R	32.60	710	30
18	05	67	13.6	SB	SHS4	37	10	75	22	30			00	00		24	W	8.8	R	32.67	710	30
18	05	67	13.6	SB	SHS4	37	10	75	22	30			00	00		27	W	8.8	R	32.67	710	30
18	05	67	15.0	SB	SHS4	37	10	75	35	24			14	02		0	C	13.49	R	31.48	710	20
18	05	67	15.0	SB	SHS4	37	10	75	35	24			14	02		3	W	13.0	R	31.42	710	20
18	05	67	15.0	SB	SHS4	37	10	75	35	24			14	02		6	W	12.8	R	31.42	710	20
18	05	67	15.0	SB	SHS4	37	10	75	35	24			14	02		9	W	12.6	R	31.42	710	20
18	05	67	15.0	SB	SHS4	37	10	75	35	24			14	02		12	W	11.4	R	31.58	710	20
18	05	67	15.0	SB	SHS4	37	10	75	35	24			14	02		15	W	9.6	R	31.74	710	20
18	05	67	15.0	SB	SHS4	37	10	75	35	24			14	02		18	W	9.4	R	31.92	710	20
18	05	67	15.0	SB	SHS4	37	10	75	35	24			14	02		21	W	9.2	R	31.96	710	20
18	05	67	15.9	SB	SHS4	37	10	75	41	16			21	04		0	C	15.52	R	31.27	710	15
18	05	67	15.9	SB	SHS4	37	10	75	41	16			21	04		3	W	13.7	R	31.20	710	15
18	05	67	15.9	SB	SHS4	37	10	75	41	16			21	04		6	W	13.5	R	31.20	710	15
18	05	67	15.9	SB	SHS4	37	10	75	41	16			21	04		9	W	13.3	R	31.20	710	15
18	05	67	15.9	SB	SHS4	37	10	75	41	16			21	04		12	W	11.4	R	31.39	710	15
18	05	67	15.9	SB	SHS4	37	10	75	41	16			21	04		15	W	11.3	R	31.50	710	15
18	05	67	16.5	SB	SHS4	37	10	75	47	07						0	C	15.60	R	30.92	710	10
18	05	67	16.5	SB	SHS4	37	10	75	47	07						3	W	13.8	R	30.84	710	10
18	05	67	16.5	SB	SHS4	37	10	75	47	07						6	W	12.9	R	30.85	710	10
18	05	67	17.3	SB	SHS4	37	05	75	50	07			20	07		0	C	14.64	R	30.34	705	08
18	05	67	17.3	SB	SHS4	37	05	75	50	07			20	07		3	W	14.4	R	30.33	705	08
18	05	67	17.3	SB	SHS4	37	05	75	50	07			20	07		6	W	13.9	R	30.36	705	08
18	05	67	18.3	SB	SHS4	37	00	75	47	15			20	05		0	C	14.82	R	26.07	700	10
18	05	67	18.3	SB	SHS4	37	00	75	47	15			20	05		3	W	14.7	R	26.16	700	10
18	05	67	18.3	SB	SHS4	37	00	75	47	15			20	05		6	W	11.1	R	28.85	700	10
18	05	67	18.3	SB	SHS4	37	00	75	47	15			20	05		9	W	10.7	R	30.94	700	10
18	05	67	18.3	SB	SHS4	37	00	75	47	15			20	05		12	W	10.6	R	31.09	700	10
18	05	67	19.6	SB	SHS4	37	00	75	35	20			20	05		0	C	13.48	R	30.89	700	20
18	05	67	19.6	SB	SHS4	37	00	75	35	20			20	05		3	W	13.4	R	30.88	700	20
18	05	67	19.6	SB	SHS4	37	00	75	35	20			20	05		6	W	12.5	R	31.06	700	20
18	05	67	19.6	SB	SHS4	37	00	75	35	20			20	05		9	W	11.7	R	31.32	700	20
18	05	67	19.6	SB	SHS4	37	00	75	35	20			20	05		12	W	10.7	R	31.69	700	20
18	05	67	19.6	SB	SHS4	37	00	75	35	20			20	05		15	W	9.0	R	32.19	700	20
18	05	67	19.6	SB	SHS4	37	00	75	35	20			20	05		18	W	8.2	R	32.33	700	20
18	05	67	21.1	SB	SHS4	36	50	75	35	17			23	04		0	C	13.88	R	30.34	650	20
18	05	67	21.1	SB	SHS4	36	50	75	35	17			23	04		3	W	13.9	R	30.28	650	20
18	05	67	21.1	SB	SHS4	36	50	75	35	17			23	04		6	W	13.8	R	30.31	650	20
18	05	67	21.1	SB	SHS4	36	50	75	35	17			23	04		9	W	12.7	R	30.73	650	20
18	05	67	21.1	SB	SHS4	36	50	75	35	17			23	04		12	W	11.3	R	31.45	650	20
18	05	67	21.1	SB	SHS4	36	50	75	35	17			23	04		15	W	9.1	R	31.89	650	20
18	05	67	22.4	SB	SHS4	36	50	75	47	19			20	05		0	C	14.94	R	26.99	650	10
18	05	67	22.4	SB	SHS4	36	50	75	47	19			20	05		3	W	14.9	R	26.92	650	10
18	05	67	22.4	SB	SHS4	36	50	75	47	19			20	05		6	W	12.6	R	29.14	650	10
18	05	67	22.4	SB	SHS4	36	50	75	47	19			20	05		9	W	10.6	R	30.71	650	10
18	05	67	22.4	SB	SHS4	36	50	75	47	19			20	05		12	W	10.1	R	31.29	650	10
18	05	67	22.4	SB	SHS4	36	50	75	47	19			20	05		15	W	10.0	R	31.54	650	10
18	05	67	22.4	SB	SHS4	36	50	75	47	19			20	05		18	W	9.9	R	31.56	650	10
19	05	67	06.1	SB	SHS4	37	00	75	53	11			19	05		0	C	14.69	R	23.29	700	05
19	05	67	06.1	SB	SHS4	37	00	75	53	11			19	05		3	W	11.9	R	24.61	700	05
19	05	67	06.1	SB	SHS4	37	00	75	53	11			19	05		6	W	11.8	R	29.80	700	05
19	05	67	06.1	SB	SHS4	37	00	75	53	11			19	05		9			R	30.53	700	05

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
19	05	67	06.8	SB	SHS4	37	00	76	00	11				23	05			0	D	15.22	R	23.48			C	BO
19	05	67	06.8	SB	SHS4	37	00	76	00	11				23	05			3	W	15.2	R	23.69			C	BO
19	05	67	06.8	SB	SHS4	37	00	76	00	11				23	05			6	W	13.4	R	28.09			C	BO
19	05	67	06.8	SB	SHS4	37	00	76	00	11				23	05			9	W	13.4	R	28.52			C	BO

SHS 5-67 21 to 24 June 1967

Stations Sampled

640-05	650-04	700-00(CBO)	710-15
640-10	650-10	700-05	710-16
640-20	650-20	700-10	710-20
640-30	650-30	700-20	710-30
640-40	650-40	700-30	710-40
640-50	650-50	700-40	710-50
640-60	650-60	700-50	710-60
640-63	650-63	700-60	710-70
	650-65	700-66	
645-05			
	655-03		

Sampling Sequence

Date	Time	Station	Date	Time	Station
21 June	14.3	655-03	23 June	06.3	710-40
	16.0	650-10		07.5	710-30
	17.5	640-10		09.0	710-20
	18.9	640-20		10.2	710-15
	21.1	640-40		10.7	710-16
	23.0	640-30		11.6	705-08
22 June	05.8	640-50		12.5	700-05
	07.3	640-60		13.3	700-10
	08.0	640-63		14.5	700-20
	10.7	650-63		16.1	700-30
	11.5	650-65		17.4	700-40
	12.8	650-60		19.8	700-50
	14.5	700-60		20.5	650-50
	15.8	700-66	24 June	05.5	650-40
	17.7	710-70		07.0	650-30
	19.6	710-60		08.4	650-20
	21.5	710-50		09.5	650-10
				10.8	640-05
				11.5	645-05
				12.3	650-04
				13.0	655-03
				14.1	700-00(CBO)

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
21	06	67	14.3	SB	SHS5	36	55	75	57	13			22	06		0			R	23.58	655	03
21	06	67	14.3	SB	SHS5	36	55	75	57	13			22	06		0	O	20.14	R	23.00	655	03
21	06	67	14.3	SB	SHS5	36	55	75	57	13			22	06		3	W	18.7	R	27.06	655	03
21	06	67	14.3	SB	SHS5	36	55	75	57	13			22	06		6	W	18.2	R	29.04	655	03
21	06	67	14.3	SB	SHS5	36	55	75	57	13			22	06		9	W	18.2	R	29.42	655	03
21	06	67	14.3	SB	SHS5	36	55	75	57	13			22	06		12			R	29.54	655	03
21	06	67	16.0	SB	SHS5	36	50	75	47	15			22	05		0	O	19.14	R	30.10	650	10
21	06	67	16.0	SB	SHS5	36	50	75	47	15			22	05		3	W	18.6	R	30.78	650	10
21	06	67	16.0	SB	SHS5	36	50	75	47	15			22	05		6	W	17.5	R	30.72	650	10
21	06	67	16.0	SB	SHS5	36	50	75	47	15			22	05		9	W	16.7			650	10
21	06	67	16.0	SB	SHS5	36	50	75	47	15			22	05		12	W	16.3	R	30.11	650	10
21	06	67	16.0	SB	SHS5	36	50	75	47	15			22	05		15	W	16.2	R	30.01	650	10
21	06	67	17.5	SB	SHS5	36	40	75	47	18			22	04		0	O	19.42	R	30.41	640	10
21	06	67	17.5	SB	SHS5	36	40	75	47	18			22	04		3	W	18.6	R	30.41	640	10
21	06	67	17.5	SB	SHS5	36	40	75	47	18			22	04		6	W	17.3	R	30.90	640	10
21	06	67	17.5	SB	SHS5	36	40	75	47	18			22	04		9	W	16.8	R	31.02	640	10
21	06	67	17.5	SB	SHS5	36	40	75	47	18			22	04		12	W	16.4	R	31.15	640	10
21	06	67	17.5	SB	SHS5	36	40	75	47	18			22	04		15	W	16.1	R	31.18	640	10
21	06	67	17.5	SB	SHS5	36	40	75	47	18			22	04		18	W	15.8	R	31.29	640	10
21	06	67	18.9	SB	SHS5	36	40	75	35	20			22	06		0	C	17.12	R	31.54	640	20
21	06	67	18.9	SB	SHS5	36	40	75	35	20			22	06		3	W	17.1	R	31.44	640	20
21	06	67	18.9	SB	SHS5	36	40	75	35	20			22	06		6	W	16.6	R	31.42	640	20
21	06	67	18.9	SB	SHS5	36	40	75	35	20			22	06		9	W	15.8	R	31.43	640	20
21	06	67	18.9	SB	SHS5	36	40	75	35	20			22	06		12	W	15.5	R	31.46	640	20
21	06	67	18.9	SB	SHS5	36	40	75	35	20			22	06		15	W	15.3	R	31.52	640	20
21	06	67	18.9	SB	SHS5	36	40	75	35	20			22	06		18	W	15.2	R	31.54	640	20
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		0	C	16.03	R	32.05	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		3	W	16.0	R	32.04	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		6	W	15.5	R	32.09	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		9	W	14.3	R	32.14	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		12	W	12.8	R	32.13	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		15	W	12.5	R	32.14	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		18	W	11.9	R	32.20	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		21	W	11.6	R	32.24	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		24	W	11.2	R	32.26	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		27	W	11.2	R	32.24	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		30			R	32.26	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		33			R	32.27	640	40
21	06	67	21.1	SB	SHS5	36	40	75	10	36				04		36			R	32.28	640	40
21	06	67	23.0	SB	SHS5	36	40	75	22	22			18	06		0	O	16.84	R	31.66	640	30
21	06	67	23.0	SB	SHS5	36	40	75	22	22			18	06		3	W	16.8	R	31.70	640	30
21	06	67	23.0	SB	SHS5	36	40	75	22	22			18	06		6	W	16.8	R	31.73	640	30
21	06	67	23.0	SB	SHS5	36	40	75	22	22			18	06		9	W	16.2	R	31.70	640	30
21	06	67	23.0	SB	SHS5	36	40	75	22	22			18	06		12	W	14.3	R	31.75	640	30
21	06	67	23.0	SB	SHS5	36	40	75	22	22			18	06		15	W	13.7	R	31.75	640	30
21	06	67	23.0	SB	SHS5	36	40	75	22	22			18	06		18	W	13.7	R	31.78	640	30
21	06	67	23.0	SB	SHS5	36	40	75	22	22			18	06		21	W	13.7	R	31.80	640	30
22	06	67	05.8	SB	SHS5	36	40	74	57	33			22	01		0	O	14.75	R	32.28	640	50
22	06	67	05.8	SB	SHS5	36	40	74	57	33			22	01		3	W	14.8	R	32.30	640	50
22	06	67	05.8	SB	SHS5	36	40	74	57	33			22	01		6	W	14.0	R	32.36	640	50
22	06	67	05.8	SB	SHS5	36	40	74	57	33			22	01		9	W	12.7	R	32.35	640	50
22	06	67	05.8	SB	SHS5	36	40	74	57	33			22	01		12	W	11.9	R	32.45	640	50
22	06	67	05.8	SB	SHS5	36	40	74	57	33			22	01		15	W	11.1	R	32.41	640	50
22	06	67	05.8	SB	SHS5	36	40	74	57	33			22	01		18	W	10.0	R	32.46	640	50
22	06	67	05.8	SB	SHS5	36	40	74	57	33			22	01		21	W	8.9	R	32.50	640	50
22	06	67	05.8	SB	SHS5	36	40	74	57	33			22	01		24	W	8.9	R	32.46	640	50
22	06	67	05.8	SB	SHS5	36	40	74	57	33			22	01		27	W	8.9	R	32.47	640	50
22	06	67	05.8	SB	SHS5	36	40	74	57	33			22	01		30	W	8.9	R	32.47	640	50
22	06	67	07.3	SB	SHS5	36	40	74	45	75			18	03		0	C	14.27	R	32.50	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75			18	03		3	W	14.3	R	32.55	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75			18	03		6	W	14.1	R	32.48	640	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			9	W	12.7	R	32.59	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			12	W	10.1	R	32.76	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			15	W	9.0	R	32.95	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			18	W	7.9	R	32.84	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			21	W	7.4	R	32.71	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			24	W	7.1	R	32.81	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			27	W	6.4	R	32.81	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			30	W	6.4	R	32.82	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			33	W	6.6	R	32.90	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			36	W	6.8	R	32.93	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			40	W	6.3	R	32.91	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			45	W	6.3	R	32.95	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			50	W	6.3	R	32.98	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			55	W	6.4	R	33.02	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			60	W	6.5	R	33.06	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			65	W	6.6	R	33.10	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			70	W	6.9	R	33.14	640	60
22	06	67	07.3	SB	SHS5	36	40	74	45	75				18	03			75			R	33.22	640	60
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			0	C	13.12	R	32.58	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			3	W	13.1	R	32.55	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			6	W	13.1	R	32.58	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			9	W	14.3	R	33.06	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			12	W	12.1	R	33.42	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			15	W	10.3	R	32.62	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			18	W	8.7	R	33.11	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			21	W	7.2	R	33.07	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			24	W	7.7	R	33.38	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			27	W	7.9	R	32.71	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			30	W	8.1	R	33.25	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			33	W	8.8	R	33.44	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			36	W	8.9	R	33.23	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			40	W	9.1	R	33.77	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			50	W	9.3	R	33.95	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			60	W	10.1	R	33.99	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			70	W	11.1	R	34.30	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			80	W	11.4	R	34.50	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			90	W	11.4	R	34.55	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			110	W	11.9	R	34.59	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			120	W	12.2	R	34.73	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			130	W	11.9	R	35.00	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			150	W	11.9	R	35.03	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			160	W	11.9	R	35.09	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			170	W	11.7	R	35.13	640	63
22	06	67	08.0	SB	SHS5	36	40	74	41	180				19	05			180	W	11.1	R	35.29	640	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			0	C	13.46	R	32.56	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			3	W	13.4	R	32.50	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			6	W	12.9	R	32.54	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			9	W	12.4	R	32.74	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			12	W	12.6	R	33.06	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			15	W	11.9	R	33.22	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			18	W	10.2	R	33.16	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			21	W	9.0	R	33.00	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			24	W	7.6	R	32.79	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			27	W	5.9	R	32.76	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			30	W	5.9	R	32.75	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			33	W	6.1	R	32.80	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			36	W	6.8	R	32.91	650	63
22	06	67	10.7	SB	SHS5	36	51	74	41	91				18	02			39	W	8.5	R	33.09	650	63
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			0	C	13.45	R	32.98	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			3	W	13.4	R	32.75	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			6	W	14.0	R	33.09	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			9	W	12.9	R	33.29	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			12	W	13.6	R	33.36	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			15	W	13.8	R	33.53	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			18	W	11.4	R	33.43	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			21	W	9.4	R	33.11	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			24	W	7.7	R	32.95	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			27	W	7.6	R	33.05	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			30	W	8.4	R	33.25	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			33	W	9.3	R	33.16	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			36	W	10.9	R	33.90	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			39	W	11.4	R	34.18	650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			42	W	11.8	R	34.36	650	65

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			50	W	12.1	R	34.66		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			60	W	11.9	R	34.66		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			70	W	12.6	R	34.69		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			80	W	12.1	R	34.84		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			90	W	12.1	R	34.96		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			100	W	12.3	R	35.05		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			110	W	12.1	R	35.25		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			120	W	12.1	R	35.25		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			130	W	12.1	R	35.30		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			140	W	12.1	R	35.34		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			150	W	11.9	R	35.32		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			160	W	11.7	R	35.35		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			170	W	11.5	R	35.40		650	65
22	06	67	11.5	SB	SHS5	36	50	74	39	180				19	01			180	W	11.3	R	35.33		650	65
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			0	C	14.03	R	32.55		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			3	W	13.8	R	32.55		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			6	W	12.7	R	32.53		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			9	W	12.4	R	32.68		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			12	W	12.2	R	32.95		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			15	W	11.4	R	33.10		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			18	W	11.0	R	33.16		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			21	W	10.5	R	33.14		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			24	W	9.9	R	33.09		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			27	W	8.0	R	32.84		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			30	W	6.6	R	32.73		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			33	W	6.1	R	32.67		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			36	W	5.3	R	32.66		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			39	W	5.2	R	32.67		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			42	W	5.4	R	32.78		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			45	W	5.6	R	32.73		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			50	W	6.1	R	32.86		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			55	W	6.5	R	32.95		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			60	W	7.2	R	33.22		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			65	W	7.7	R	33.31		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			70	W	8.1	R	33.42		650	60
22	06	67	12.8	SB	SHS5	36	50	74	45	76			18	18	03			75			R	33.53		650	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			0	C	16.04	R	32.40		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			3	W	16.0	R	32.36		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			6	W	12.5	R	32.40		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			9	W	11.6	R	32.44		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			12	W	10.6	R	32.46		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			15	W	9.9	R	32.48		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			18	W	8.4	R	32.51		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			21	W	7.7	R	32.55		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			24	W	7.2	R	32.58		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			27	W	7.0	R	32.62		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			30	W	6.8	R	32.67		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			33	W	6.7	R	32.64		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			36	W	6.6	R	32.65		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			39	W	6.2	R	32.65		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			45	W	5.8	R	32.77		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			50	W	5.7	R	32.78		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			55	W	5.8	R	32.78		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			60	W	6.1	R	32.79		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			65	W	6.1	R	32.86		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			70	W	6.1	R	32.90		700	60
22	06	67	14.5	SB	SHS5	37	00	74	45	75			19	12	05			75	W	6.1	R	32.93		700	60
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			0	C	14.97	R	32.61		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			3	W	14.6	R	32.90		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			6	W	12.7	R	33.02		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			9	W	10.9	R	33.00		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			12	W	7.9	R	32.84		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			15	W	6.6	R	32.70		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			18	W	6.0	R	32.69		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			21	W	5.2	R	32.68		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			24	W	4.9	R	32.75		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			27	W	5.2	R	32.84		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			30	W	5.2	R	32.88		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			33	W	5.3	R	32.90		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			36	W	5.4	R	32.97		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			39	W	5.4	R	32.98		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			42	W	5.7	R	33.08		700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			50	W	6.6	R	33.28		700	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			60	W	8.1	R	33.83	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			70	W	10.7	R	34.47	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			80	W	11.5	R	34.95	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			90	W	11.5	R	35.16	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			100	W	11.9	R	35.28	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			110	W	11.7	R	35.34	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			120	W	11.9	R	35.43	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			130	W	11.9	R	35.50	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			140	W	11.8	R	35.50	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			150	W	11.4	R	35.39	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			160	W	10.9	R	35.37	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			170	W	10.8	R	35.37	700	66
22	06	67	15.8	SB	SHS5	37	00	74	37	180				18	05			180	W	10.0	R	35.31	700	66
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			0	O	14.81	R	33.18	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			3	W	14.7	R	33.13	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			6	W	14.9	R	33.49	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			9	W	14.8	R	33.54	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			12	W	12.8	R	33.72	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			15	W	10.3	R	33.69	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			18	W	8.4	R	33.58	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			21	W	8.4	R	33.62	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			24	W	9.6	R	33.74	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			27	W	12.1	R	34.38	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			30	W	12.3	R	34.65	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			33	W	11.6	R	34.66	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			36	W	10.6	R	34.57	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			39	W	10.6	R	34.46	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			42	W	10.9	R	34.48	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			45	W	11.1	R	34.54	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			50	W	9.8	R	34.42	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			55	W	9.8	R	34.46	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			60	W	9.8	R	34.58	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			65	W	9.9	R	35.04	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			85	W	11.6	R	35.21	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			100	W	11.7	R	35.33	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			120	W	11.8	R	35.48	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			140	W	11.6	R	35.52	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			160	W	11.3	R	35.48	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			170	W	11.2	R	35.56	710	70
22	06	67	17.7	SB	SHS5	37	10	74	32	190				18	04			180	W	10.5	R	35.33	710	70
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			0	O	15.74	R	32.37	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			3	W	15.6	R	32.35	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			6	W	15.1	R	32.72	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			9	W	11.6	R	32.83	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			12	W	9.7	R	32.82	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			15	W	9.1	R	32.76	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			18	W	8.6	R	32.66	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			21	W	7.2	R	32.78	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			24	W	5.8	R	32.65	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			27	W	5.2	R	32.63	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			30	W	5.2	R	32.63	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			33	W	5.0	R	32.64	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			36	W	4.9	R	32.69	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			39	W	4.9	R	32.75	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			42	W	4.9	R	32.66	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			45	W	4.9	R	32.66	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			50	W	4.9	R	32.67	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			55	W	4.9	R	32.68	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			60	W	4.8	R	32.70	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			65	W	5.4	R	32.77	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			70	W	5.4	R	32.96	710	60
22	06	67	19.6	SB	SHS5	37	10	74	45	75				22	03			75	W	5.5	R	32.94	710	60
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			0	O	16.01	R	32.23	710	50
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			3	W	15.9	R	32.23	710	50
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			6	W	15.9	R	32.23	710	50
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			9	W	14.8	R	32.26	710	50
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			12	W	13.0	R	32.29	710	50
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			15	W	10.6	R	32.47	710	50
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			18	W	7.4	R	32.50	710	50
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			21	W	7.2	R	32.54	710	50
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			24	W	7.1	R	32.50	710	50
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			27	W	6.9	R	32.51	710	50
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			30	W	6.8	R	32.51	710	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			36	W	6.7	R	32.54	710	50
22	06	67	21.5	SB	SHS5	37	10	74	57	44				18	03			42	W	6.7			710	50
23	06	67	06.3	SB	SHS5	37	10	75	10	31				20	04			0	C	16.60	R	31.90	710	40
23	06	67	06.3	SB	SHS5	37	10	75	10	31				20	04			3	W	16.6	R	31.89	710	40
23	06	67	06.3	SB	SHS5	37	10	75	10	31				20	04			6	W	16.6	R	31.88	710	40
23	06	67	06.3	SB	SHS5	37	10	75	10	31				20	04			9	W	15.9	R	31.94	710	40
23	06	67	06.3	SB	SHS5	37	10	75	10	31				20	04			12	W	14.6	R	32.20	710	40
23	06	67	06.3	SB	SHS5	37	10	75	10	31				20	04			15	W	10.7	R	32.28	710	40
23	06	67	06.3	SB	SHS5	37	10	75	10	31				20	04			18	W	10.3	R	32.23	710	40
23	06	67	06.3	SB	SHS5	37	10	75	10	31				20	04			21	W	9.8	R	32.28	710	40
23	06	67	06.3	SB	SHS5	37	10	75	10	31				20	04			24	W	9.4	R	32.31	710	40
23	06	67	06.3	SB	SHS5	37	10	75	10	31				20	04			27	W	9.3	R	32.31	710	40
23	06	67	06.3	SB	SHS5	37	10	75	10	31				20	04			30	W	9.3	R	32.29	710	40
23	06	67	07.5	SB	SHS5	37	10	75	22	27				25	03			0	C	18.39	R	30.98	710	30
23	06	67	07.5	SB	SHS5	37	10	75	22	27				25	03			3	W	18.4	R	31.02	710	30
23	06	67	07.5	SB	SHS5	37	10	75	22	27				25	03			6	W	17.3	R	31.01	710	30
23	06	67	07.5	SB	SHS5	37	10	75	22	27				25	03			9	W	14.4	R	32.00	710	30
23	06	67	07.5	SB	SHS5	37	10	75	22	27				25	03			12	W	12.6	R	32.09	710	30
23	06	67	07.5	SB	SHS5	37	10	75	22	27				25	03			15	W	12.4	R	32.08	710	30
23	06	67	07.5	SB	SHS5	37	10	75	22	27				25	03			18	W	11.9	R	32.06	710	30
23	06	67	07.5	SB	SHS5	37	10	75	22	27				25	03			21	W	11.5	R	32.11	710	30
23	06	67	07.5	SB	SHS5	37	10	75	22	27				25	03			24	W	11.5	R	32.10	710	30
23	06	67	07.5	SB	SHS5	37	10	75	22	27				25	03			27	W	11.5	R	32.12	710	30
23	06	67	09.0	SB	SHS5	37	10	75	35	24				00	00			0	C	19.41	R	29.22	710	20
23	06	67	09.0	SB	SHS5	37	10	75	35	24				00	00			3	W	18.8	R	29.78	710	20
23	06	67	09.0	SB	SHS5	37	10	75	35	24				00	00			6	W	17.9	R	30.69	710	20
23	06	67	09.0	SB	SHS5	37	10	75	35	24				00	00			9	W	17.5	R	30.97	710	20
23	06	67	09.0	SB	SHS5	37	10	75	35	24				00	00			12	W	16.2	R	31.24	710	20
23	06	67	09.0	SB	SHS5	37	10	75	35	24				00	00			15	W	14.7	R	31.50	710	20
23	06	67	09.0	SB	SHS5	37	10	75	35	24				00	00			18	W	14.5	R	31.53	710	20
23	06	67	09.0	SB	SHS5	37	10	75	35	24				00	00			21	W	14.5	R	31.55	710	20
23	06	67	10.2	SB	SHS5	37	10	75	41	15				00	00			0	C	20.67	R	29.94	710	15
23	06	67	10.2	SB	SHS5	37	10	75	41	15				00	00			3	W	20.3	R	30.10	710	15
23	06	67	10.2	SB	SHS5	37	10	75	41	15				00	00			6	W	19.3	R	30.46	710	15
23	06	67	10.2	SB	SHS5	37	10	75	41	15				00	00			9	W	19.1	R	30.85	710	15
23	06	67	10.2	SB	SHS5	37	10	75	41	15				00	00			12	W	19.1	R	30.92	710	15
23	06	67	10.7	SB	SHS5	37	10	75	47	08				00	00			0	C	20.61	R	29.95	710	16
23	06	67	10.7	SB	SHS5	37	10	75	47	08				00	00			3	W	20.3	R	30.30	710	16
23	06	67	10.7	SB	SHS5	37	10	75	47	08				00	00			6	W	20.2	R	30.24	710	16
23	06	67	11.6	SB	SHS5	37	05	75	50	09				00	00			0	C	20.68	R	29.12	705	08
23	06	67	11.6	SB	SHS5	37	05	75	50	09				00	00			3	W	19.7	R	30.05	705	08
23	06	67	11.6	SB	SHS5	37	05	75	50	09				00	00			6	W	19.5	R	30.28	705	08
23	06	67	11.6	SB	SHS5	37	05	75	50	09				00	00			9			R	30.56	705	08
23	06	67	12.5	SB	SHS5	37	00	75	53	11				00	00			0	C	22.84	R	27.79	700	05
23	06	67	12.5	SB	SHS5	37	00	75	53	11				00	00			3	W	21.3	R	28.54	700	05
23	06	67	12.5	SB	SHS5	37	00	75	53	11				00	00			6	W	21.5	R	29.61	700	05
23	06	67	12.5	SB	SHS5	37	00	75	53	11				00	00			9	W	21.5	R	29.94	700	05
23	06	67	13.3	SB	SHS5	37	00	75	47	15				00	00			0	C	22.25	R	27.10	700	10
23	06	67	13.3	SB	SHS5	37	00	75	47	15				00	00			3	W	19.4	R	29.17	700	10
23	06	67	13.3	SB	SHS5	37	00	75	47	15				00	00			6	W	18.2	R	30.46	700	10
23	06	67	13.3	SB	SHS5	37	00	75	47	15				00	00			9	W	18.1	R	30.69	700	10
23	06	67	13.3	SB	SHS5	37	00	75	47	15				00	00			12	W	18.0	R	30.77	700	10
23	06	67	14.5	SB	SHS5	37	00	75	35	24				20	02			0	C	20.36	R	29.32	700	20
23	06	67	14.5	SB	SHS5	37	00	75	35	24				20	02			3	W	19.3	R	29.38	700	20
23	06	67	14.5	SB	SHS5	37	00	75	35	24				20	02			6	W	17.8	R	30.83	700	20

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
23	06	67	14.5	SB	SHS5	37	00	75	35	24			20	02		9	W	16.4			700	20
23	06	67	14.5	SB	SHS5	37	00	75	35	24			20	02		12	W	15.2	R	31.26	700	20
23	06	67	14.5	SB	SHS5	37	00	75	35	24			20	02		15	W	15.0	R	31.26	700	20
23	06	67	14.5	SB	SHS5	37	00	75	35	24			20	02		18	W	14.9	R	31.42	700	20
23	06	67	14.5	SB	SHS5	37	00	75	35	24			20	02		21	W	14.9	R	31.47	700	20
23	06	67	14.5	SB	SHS5	37	00	75	35	24			20	02		24			R	31.45	700	20
23	06	67	16.1	SB	SHS5	37	00	75	22	30			00	00		0	D	18.91	R	31.37	700	30
23	06	67	16.1	SB	SHS5	37	00	75	22	30			00	00		3	W	17.8	R	31.25	700	30
23	06	67	16.1	SB	SHS5	37	00	75	22	30			00	00		6	W	17.1	R	31.36	700	30
23	06	67	16.1	SB	SHS5	37	00	75	22	30			00	00		9	W	14.8	R	31.75	700	30
23	06	67	16.1	SB	SHS5	37	00	75	22	30			00	00		12	W	12.9	R	31.82	700	30
23	06	67	16.1	SB	SHS5	37	00	75	22	30			00	00		15	W	12.6	R	31.97	700	30
23	06	67	16.1	SB	SHS5	37	00	75	22	30			00	00		18	W	12.6	R	31.89	700	30
23	06	67	16.1	SB	SHS5	37	00	75	22	30			00	00		21	W	12.5	R	31.89	700	30
23	06	67	16.1	SB	SHS5	37	00	75	22	30			00	00		24	W	12.4	R	31.93	700	30
23	06	67	16.1	SB	SHS5	37	00	75	22	30			00	00		27	W	12.5	R	31.97	700	30
23	06	67	16.1	SB	SHS5	37	00	75	22	30			00	00		30			R	31.94	700	30
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		0	D	18.00	R	31.73	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		3	W	16.8	R	31.84	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		6	W	16.5	R	31.98	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		9	W	15.2	R	32.24	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		12	W	12.4	R	32.39	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		15	W	9.1	R	32.37	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		18	W	8.9	R	32.35	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		21	W	8.7	R	32.39	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		24	W	8.6	R	32.42	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		27	W	8.4	R	32.43	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		30	W	8.1	R	32.45	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		33	W	7.9	R	32.48	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		36	W	7.9	R	32.47	700	40
23	06	67	17.4	SB	SHS5	37	00	75	10	40			18	01		39	W	7.9	R	32.51	700	40
23	06	67	19.8	SB	SHS5	37	00	74	57	46			18	01		0	D	17.13	R	32.23	700	50
23	06	67	19.8	SB	SHS5	37	00	74	57	46			18	01		3	W	16.7	R	32.28	700	50
23	06	67	19.8	SB	SHS5	37	00	74	57	46			18	01		6	W	15.3	R	32.37	700	50
23	06	67	19.8	SB	SHS5	37	00	74	57	46			18	01		9	W	12.8	R	32.49	700	50
23	06	67	19.8	SB	SHS5	37	00	74	57	46			18	01		12	W	11.4	R	32.48	700	50
23	06	67	19.8	SB	SHS5	37	00	74	57	46			18	01		15	W	10.0	R	32.50	700	50
23	06	67	19.8	SB	SHS5	37	00	74	57	46			18	01		18	W	8.6	R	32.50	700	50
23	06	67	19.8	SB	SHS5	37	00	74	57	46			18	01		24	W	7.6	R	32.50	700	50
23	06	67	19.8	SB	SHS5	37	00	74	57	46			18	01		30	W	7.5	R	32.50	700	50
23	06	67	19.8	SB	SHS5	37	00	74	57	46			18	01		36	W	7.4	R	32.50	700	50
23	06	67	19.8	SB	SHS5	37	00	74	57	46			18	01		42	W	7.4	R	32.51	700	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		0	D	17.28	R	32.09	650	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		3	W	16.7	R	32.13	650	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		6	W	13.8	R	32.34	650	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		9	W	11.1	R	32.49	650	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		12	W	9.0	R	32.51	650	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		15	W	7.8	R	32.55	650	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		18	W	7.1	R	32.54	650	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		21	W	6.7	R	32.53	650	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		24	W	6.5	R	32.56	650	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		27	W	6.2	R	32.54	650	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		30	W	6.7	R	32.59	650	50
23	06	67	20.5	SB	SHS5	36	50	74	57	35			00	00		33	W	6.7	R	32.56	650	50
24	06	67	05.5	SB	SHS5	36	50	75	10	26			18	01		0	D	18.15	R	31.53	650	40
24	06	67	05.5	SB	SHS5	36	50	75	10	26			18	01		3	W	17.1	R	31.58	650	40
24	06	67	05.5	SB	SHS5	36	50	75	10	26			18	01		6	W	16.6	R	31.66	650	40
24	06	67	05.5	SB	SHS5	36	50	75	10	26			18	01		9	W	15.3	R	31.88	650	40
24	06	67	05.5	SB	SHS5	36	50	75	10	26			18	01		12	W	13.4	R	31.99	650	40
24	06	67	05.5	SB	SHS5	36	50	75	10	26			18	01		15	W	12.1	R	32.08	650	40
24	06	67	05.5	SB	SHS5	36	50	75	10	26			18	01		18	W	11.1	R	32.19	650	40
24	06	67	05.5	SB	SHS5	36	50	75	10	26			18	01		21	W	10.9	R	32.27	650	40
24	06	67	05.5	SB	SHS5	36	50	75	10	26			18	01		24	W	10.7	R	32.32	650	40
24	06	67	07.0	SB	SHS5	36	50	75	22	26						0	D	19.28	R	31.20	650	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		STATION DESIGNATION				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰					
24	06	67	07.0	SB	SHS5	36	50	75	22	26								3	W	17.8	R	31.47			650	30	
24	06	67	07.0	SB	SHS5	36	50	75	22	26								6	W	16.1	R	31.52			650	30	
24	06	67	07.0	SB	SHS5	36	50	75	22	26								9	W	15.3	R	31.52			650	30	
24	06	67	07.0	SB	SHS5	36	50	75	22	26								12	W	14.0	R	31.70			650	30	
24	06	67	07.0	SB	SHS5	36	50	75	22	26								15	W	13.7	R	31.78			650	30	
24	06	67	07.0	SB	SHS5	36	50	75	22	26								18	W	13.7	R	31.80			650	30	
24	06	67	07.0	SB	SHS5	36	50	75	22	26								21	W	13.7	R	31.82			650	30	
24	06	67	07.0	SB	SHS5	36	50	75	22	26								24	W	13.7	R	31.81			650	30	
24	06	67	08.4	SB	SHS5	36	50	75	35	18				00	00			0	C	20.68	R	29.98			650	20	
24	06	67	08.4	SB	SHS5	36	50	75	35	18				00	00			3	W	20.3	R	30.14			650	20	
24	06	67	08.4	SB	SHS5	36	50	75	35	18				00	00			6	W	19.1	R	30.77			650	20	
24	06	67	08.4	SB	SHS5	36	50	75	35	18				00	00			9	W	17.8	R	31.12			650	20	
24	06	67	08.4	SB	SHS5	36	50	75	35	18				00	00			12	W	15.3	R	31.39			650	20	
24	06	67	08.4	SB	SHS5	36	50	75	35	18				00	00			15	W	16.1	R	31.51			650	20	
24	06	67	08.4	SB	SHS5	36	50	75	35	18				00	00			18	W	16.1	R	31.53			650	20	
24	06	67	09.5	SB	SHS5	36	50	75	47	20				00	00			0	C	22.20	R	27.16			650	10	
24	06	67	09.5	SB	SHS5	36	50	75	47	20				00	00			3	W	21.3	R	30.05			650	10	
24	06	67	09.5	SB	SHS5	36	50	75	47	20				00	00			6	W	20.8	R	30.29			650	10	
24	06	67	09.5	SB	SHS5	36	50	75	47	20				00	00			9	W	18.2	R	30.71			650	10	
24	06	67	09.5	SB	SHS5	36	50	75	47	20				00	00			12	W	17.7	R	31.34			650	10	
24	06	67	09.5	SB	SHS5	36	50	75	47	20				00	00			15	W	17.7	R	31.37			650	10	
24	06	67	09.5	SB	SHS5	36	50	75	47	20				00	00			18	W	17.7	R	31.43			650	10	
24	06	67	10.8	SB	SHS5	36	40	75	53	14				20	03			0	C	24.44	R	24.04			640	05	
24	06	67	10.8	SB	SHS5	36	40	75	53	14				20	03			3	W	23.7	R	27.41			640	05	
24	06	67	10.8	SB	SHS5	36	40	75	53	14				20	03			6	W	23.4	R	28.48			640	05	
24	06	67	10.8	SB	SHS5	36	40	75	53	14				20	03			9	W	21.5	R	30.15			640	05	
24	06	67	10.8	SB	SHS5	36	40	75	53	14				20	03			12	W	20.2	R	30.50			640	05	
24	06	67	11.5	SB	SHS5	36	45	75	54	13				09	03			0	C	25.21	R	23.62			645	05	
24	06	67	11.5	SB	SHS5	36	45	75	54	13				09	03			3	W	23.6	R	25.37			645	05	
24	06	67	11.5	SB	SHS5	36	45	75	54	13				09	03			6	W	22.0	R	26.75			645	05	
24	06	67	11.5	SB	SHS5	36	45	75	54	13				09	03			9	W	21.1	R	28.69			645	05	
24	06	67	11.5	SB	SHS5	36	45	75	54	13				09	03			12	W	19.3	R	30.53			645	05	
24	06	67	12.3	SB	SHS5	36	50	75	55	11				09	02			0	C	25.34	R	23.70			650	04	
24	06	67	12.3	SB	SHS5	36	50	75	55	11				09	02			3	W	25.0	R	24.89			650	04	
24	06	67	12.3	SB	SHS5	36	50	75	55	11				09	02			6	W	24.3	R	25.45			650	04	
24	06	67	12.3	SB	SHS5	36	50	75	55	11				09	02			9	W	21.7	R	28.49			650	04	
24	06	67	13.0	SB	SHS5	36	55	75	57	12				00	00			0	C	22.36	R	25.28			655	03	
24	06	67	13.0	SB	SHS5	36	55	75	57	12				00	00			3	W	20.6	R	25.90			655	03	
24	06	67	13.0	SB	SHS5	36	55	75	57	12				00	00			6	W	19.0	R	26.62			655	03	
24	06	67	13.0	SB	SHS5	36	55	75	57	12				00	00			9	W	18.2	R	28.64			655	03	
24	06	67	13.0	SB	SHS5	36	55	75	57	12				00	00			12			R	29.35			655	03	
24	06	67	14.1	SB	SHS5	37	00	76	00	11								0	C	22.80	R	25.92			C	B0	
24	06	67	14.1	SB	SHS5	37	00	76	00	11								3	W	21.9	R	26.95			C	B0	
24	06	67	14.1	SB	SHS5	37	00	76	00	11								6	W	21.9	R	27.55			C	B0	
24	06	67	14.1	SB	SHS5	37	00	76	00	11								9	W	21.6	R	27.97			C	B0	

SHS 6-67 18 to 20 July 1967

Stations Sampled

640-50	650-10	700-00(CBO)	710-10
640-60	650-20	700-05	710-15
640-63	650-30	700-10	710-20
	650-40	700-20	710-30
	650-50	700-30	710-40
	650-60	700-40	710-50
	650-65	700-50	710-60
		700-60	710-70
		700-66	
		705-08	

Sampling Sequence

Date	Time	Station	Date	Time	Station
18 July	06.9	640-50	19 July	11.9	705-08
	07.4	640-60		12.8	700-05
	08.5	640-63		13.6	700-10
	10.8	650-65		14.7	700-20
	12.7	650-60		16.1	700-30
	14.5	700-60		17.4	700-40
	16.1	700-66		18.8	700-50
	19.2	710-70		20.4	700-60
	21.6	710-60	20 July	07.5	700-66
19 July	05.5	710-50		09.2	650-60
	07.0	710-40		11.5	650-50
	08.3	710-30		13.0	650-40
	09.7	710-20		14.5	650-30
	10.5	710-15		16.2	650-20
	11.1	710-10		18.0	650-10
				19.1	700-00(CBO)

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
17	07	67	14.6	SB	SHS6	36	55	75	57	13				12	01			0	C	24.09	R	23.68		655	03
17	07	67	14.6	SB	SHS6	36	55	75	57	13				12	01			3	C	21.61	R	27.43		655	03
17	07	67	14.6	SB	SHS6	36	55	75	57	13				12	01			6	W	21.4	R	28.99		655	03
17	07	67	14.6	SB	SHS6	36	55	75	57	13				12	01			9	W	20.3	R	29.16		655	03
17	07	67	14.6	SB	SHS6	36	55	75	57	13				12	01			12	W	19.8	R	29.99		655	03
17	07	67	15.3	SB	SHS6	36	50	75	55	11			24	10	03			0	C	23.99	R	26.09		650	04
17	07	67	15.3	SB	SHS6	36	50	75	55	11			24	10	03			3	C	23.20	R	26.17		650	04
17	07	67	15.3	SB	SHS6	36	50	75	55	11			24	10	03			6	W	21.5	R	26.94		650	04
17	07	67	15.3	SB	SHS6	36	50	75	55	11			24	10	03			9	W	18.9	R	28.28		650	04
17	07	67	16.0	SB	SHS6	36	45	75	54	13			24	10	02			0	C	23.28	R	25.76		645	05
17	07	67	16.0	SB	SHS6	36	45	75	54	13			24	10	02			3	C	22.96	R	25.72		645	05
17	07	67	16.0	SB	SHS6	36	45	75	54	13			24	10	02			6	W	20.3	R	26.96		645	05
17	07	67	16.0	SB	SHS6	36	45	75	54	13			24	10	02			9	W	17.7	R	30.05		645	05
17	07	67	16.0	SB	SHS6	36	45	75	54	13			24	10	02			12	W	17.7	R	30.82		645	05
17	07	67	16.7	SB	SHS6	36	40	75	53	10			23	09	02			0	C	23.11	R	25.88		640	06
17	07	67	16.7	SB	SHS6	36	40	75	53	10			23	09	02			3	C	22.79	R	25.85		640	06
17	07	67	16.7	SB	SHS6	36	40	75	53	10			23	09	02			6	W	19.6	R	27.16		640	06
17	07	67	16.7	SB	SHS6	36	40	75	53	10			23	09	02			9	W	17.9	R	29.45		640	06
17	07	67	17.3	SB	SHS6	36	40	75	47	20			24	12	03			0	C	24.01	R	29.81		640	10
17	07	67	17.3	SB	SHS6	36	40	75	47	20			24	12	03			3	C	23.62	R	29.96		640	10
17	07	67	17.3	SB	SHS6	36	40	75	47	20			24	12	03			6	W	20.6	R	30.61		640	10
17	07	67	17.3	SB	SHS6	36	40	75	47	20			24	12	03			9	W	18.1	R	31.00		640	10
17	07	67	17.3	SB	SHS6	36	40	75	47	20			24	12	03			12	W	15.8	R	31.75		640	10
17	07	67	17.3	SB	SHS6	36	40	75	47	20			24	12	03			15	W	15.6	R	31.85		640	10
17	07	67	17.3	SB	SHS6	36	40	75	47	20			24	12	03			18	W	15.6	R	31.85		640	10
17	07	67	18.6	SB	SHS6	36	40	75	35	20			23	11	03			0	C	23.88	R	30.38		640	20
17	07	67	18.6	SB	SHS6	36	40	75	35	20			23	11	03			3	C	23.76	R	30.38		640	20
17	07	67	18.6	SB	SHS6	36	40	75	35	20			23	11	03			6	W	20.6	R	31.12		640	20
17	07	67	18.6	SB	SHS6	36	40	75	35	20			23	11	03			9	W	16.4	R	31.58		640	20
17	07	67	18.6	SB	SHS6	36	40	75	35	20			23	11	03			12	W	14.6	R	31.80		640	20
17	07	67	18.6	SB	SHS6	36	40	75	35	20			23	11	03			15	W	14.4	R	31.89		640	20
17	07	67	18.6	SB	SHS6	36	40	75	35	20			23	11	03			18	W	14.4	R	31.89		640	20
17	07	67	19.9	SB	SHS6	36	40	75	22	20			23	00	00			0	C	23.92	R	29.70		640	30
17	07	67	19.9	SB	SHS6	36	40	75	22	20			23	00	00			3	C	23.77	R	29.74		640	30
17	07	67	19.9	SB	SHS6	36	40	75	22	20			23	00	00			6	W	21.7	R	29.72		640	30
17	07	67	19.9	SB	SHS6	36	40	75	22	20			23	00	00			9	W	15.3	R	31.18		640	30
17	07	67	19.9	SB	SHS6	36	40	75	22	20			23	00	00			12	W	12.8	R	31.69		640	30
17	07	67	19.9	SB	SHS6	36	40	75	22	20			23	00	00			15	W	12.3	R	32.05		640	30
17	07	67	19.9	SB	SHS6	36	40	75	22	20			23	00	00			18	W	12.3	R	32.12		640	30
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			0	C	23.44	R	30.97		640	40
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			3	C	23.56	R	30.97		640	40
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			6	W	21.8	R	31.08		640	40
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			9	W	15.7	R	31.58		640	40
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			12	W	12.2	R	32.17		640	40
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			15	W	10.7	R	32.26		640	40
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			18	W	10.1	R	32.37		640	40
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			21	W	10.1	R	32.38		640	40
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			24	W	10.0	R	32.40		640	40
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			27	W	10.0	R	32.40		640	40
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			30	W	10.0	R	32.57		640	40
17	07	67	21.2	SB	SHS6	36	40	75	10	34			23	09	03			33	W	10.0	R	32.42		640	40
18	07	67	06.9	SB	SHS6	36	40	74	57	33			23	32	03			0	C	22.39	R	31.22		640	50
18	07	67	06.9	SB	SHS6	36	40	74	57	33			23	32	03			3	C	22.37	R	31.18		640	50
18	07	67	06.9	SB	SHS6	36	40	74	57	33			23	32	03			6	W	20.2	R	31.28		640	50
18	07	67	06.9	SB	SHS6	36	40	74	57	33			23	32	03			9	W	12.0	R	31.93		640	50
18	07	67	06.9	SB	SHS6	36	40	74	57	33			23	32	03			12	W	11.3	R	32.21		640	50
18	07	67	06.9	SB	SHS6	36	40	74	57	33			23	32	03			15	W	10.4	R	32.52		640	50
18	07	67	06.9	SB	SHS6	36	40	74	57	33			23	32	03			18	W	10.2	R	32.56		640	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
18	07	67	06.9	SB	SHS6	36	40	74	57	33			23	32	03			21	W	8.2	R	32.54			640	50
18	07	67	06.9	SB	SHS6	36	40	74	57	33			23	32	03			24	W	8.1	R	32.58			640	50
18	07	67	06.9	SB	SHS6	36	40	74	57	33			23	32	03			27	W	8.1	R	32.60			640	50
18	07	67	06.9	SB	SHS6	36	40	74	57	33			23	32	03			30	W	8.1	R	32.62			640	50
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			0	C	22.60	R	31.93			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			3	C	21.71	R	31.96			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			6	W	22.0	R	32.16			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			9	W	20.9	R	32.82			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			12	W	19.8	R	33.59			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			15	W	16.8	R	34.10			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			18	W	15.1	R	33.83			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			21	W	14.6	R	33.63			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			24	W	9.3	R	33.02			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			27	W	8.3	R	32.79			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			30	W	7.8	R	32.76			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			33	W	7.7	R	32.78			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			36	W	7.8	R	32.89			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			39	W	7.8	R	33.03			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			42	W	7.6	R	32.87			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			45	W	6.9	R	32.94			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			48	W	6.7	R	32.93			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			51	W	6.7	R	33.00			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			54	W	7.1	R	33.14			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			57	W	7.5	R	33.29			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			60	W	7.5	R	33.29			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			63	W	7.5	R	33.29			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			66	W	7.6	R	33.27			640	60
18	07	67	07.4	SB	SHS6	36	40	74	45	76			23		00			72	W	7.7	R	33.32			640	60
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			0	C	22.66	R	32.04			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			3	C	22.54	R	31.99			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			6	W	22.3	R	32.13			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			9	W	21.6	R	32.13			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			12	W	21.4	R	32.55			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			15	W	20.3	R	33.77			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			18	W	19.3	R	34.27			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			21	W	17.7	R	34.43			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			24	W	16.4	R	34.42			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			27	W	14.4	R	34.42			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			30	W	13.9	R	34.52			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			33	W	14.3	R	34.77			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			36	W	14.3	R	34.93			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			39	W	13.6					640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			43	W	13.5	R	34.86			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			49	W	13.1	R	34.97			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			55	W	12.0	R	34.96			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			76	W	11.2	R	34.94			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			91	W	10.8	R	34.77			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			108	W	10.8	R	34.89			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			122	W	11.1	R	35.09			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			138	W	11.5	R	35.23			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			152	W	11.6	R	35.29			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			165	W	11.6	R	35.39			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			183	W	10.8	R	35.41			640	63
18	07	67	08.5	SB	SHS6	36	40	74	41	190			25	12	03			190	W	10.6	R	35.50			640	63
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			0	C	24.03	R	31.55			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			3	C	22.32	R	31.54			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			5	W	22.1	R	32.05			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			9	W	14.7	R	31.53			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			12	W	13.4	R	32.17			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			15	W	12.3	R	32.52			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			18	W	11.1	R	32.54			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			21	W	5.5	R	32.68			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			24	W	5.4	R	32.62			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			27	W	5.4	R	32.37			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			30	W	5.2	R	32.60			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			38	W	5.1	R	32.79			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			46	W	5.2	R	32.86			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			55	W	5.6	R	33.02			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			61	W	8.8	R	33.05			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			67	W	11.7	R	33.36			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			70	W	11.6	R	34.22			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			73	W	10.8	R	34.55			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190			25		00			82	W	10.5	R	34.82			650	65

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
18	07	67	10.8	SB	SHS6	36	50	74	39	190		25		00		91	W	10.6	R	34.80	650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190		25		00		121	W	10.9	R	35.06	650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190		25		00		145	W	10.8	R	35.41	650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190		25		00		158	W	10.6			650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190		25		00		168	W	10.4	R	35.34	650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190		25		00		183	W	8.8	R	35.34	650	65
18	07	67	10.8	SB	SHS6	36	50	74	39	190		25		00		190	W	7.6	R	35.24	650	65
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		0	C	23.79	R	31.26	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		3	C	22.28	R	31.24	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		6	W	18.2	R	31.72	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		9	W	13.9	R	32.34	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		12	W	13.0	R	32.32	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		15	W	12.4	R	32.38	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		18	W	11.5	R	32.39	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		21	W	10.5	R	32.46	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		24	W	8.4	R	32.47	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		27	W	8.8	R	32.77	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		30	W	8.9	R	32.71	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		33	W	8.7	R	32.79	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		36	W	8.6	R	32.86	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		39	W	8.3	R	32.98	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		45	W	8.5	R	33.12	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		50	W	8.5	R	33.18	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		55	W	8.6	R	33.25	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		60	W	8.7	R	33.30	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		65	W	8.8	R	33.33	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		70	W	8.9	R	33.40	650	60
18	07	67	12.7	SB	SHS6	36	50	74	45	75		25	12	02		75	W	9.0	R	33.43	650	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		0	C	23.28	R	31.93	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		3	C	23.30	R	31.87	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		6	W	22.3	R	33.12	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		9	W	17.2	R	32.72	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		12	W	15.9	R	33.10	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		15	W	12.3	R	33.57	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		18	W	8.0	R	33.26	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		21	W	6.6	R	33.05	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		24	W	5.7	R	32.63	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		27	W	5.7	R	32.57	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		30	W	5.5	R	32.57	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		33	W	5.6	R	32.59	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		36	W	5.7	R	32.71	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		39	W	6.0	R	32.80	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		45	W	6.3	R	32.90	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		50	W	6.4	R	32.97	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		55	W	7.1	R	33.10	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		60	W	7.6	R	33.22	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		65	W	7.7	R	33.28	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		70	W	7.7	R	33.29	700	60
18	07	67	14.5	SB	SHS6	37	00	74	45	77		25	11	01		75	W	7.7	R	33.28	700	60
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		0	C	23.60	R	31.75	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		3	C	23.06	R	31.07	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		6	W	23.2	R	32.88	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		9	W	22.1	R	34.50	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		12	W	22.0	R	31.70	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		15	W	21.4	R	34.53	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		18	W	19.3	R	34.72	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		21	W	15.8	R	34.27	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		24	W	13.5	R	33.94	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		27	W	9.5	R	33.70	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		30	W	9.5	R	33.36	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		33	W	9.3	R	33.17	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		36	W	9.8	R	33.14	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		39	W	10.3	R	33.30	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		43	W	10.2	R	33.46	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		49	W	11.8	R	33.79	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		55	W	12.6	R	34.39	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		61	W	12.9	R	34.73	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		67	W	13.3	R	34.98	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		85	W	14.4	R	35.22	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		108	W	13.6	R	35.33	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		122	W	13.4	R	35.46	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		137	W	13.4	R	35.25	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		168	W	12.4	R	35.32	700	66

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH	TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY	SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M		°C	DIRECTION CODE	VELOCITY M/SEC.	M	M	INSTR.	°C	INSTR.	‰		
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		176	W	11.7	R	35.26	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		183	W	11.6	R	35.26	700	66
18	07	67	16.1	SB	SHS6	37	00	74	37	190		25	11	03		191	W	11.3	R	35.24	700	66
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		0	C	22.80	R	31.39	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		3	C	22.53	R	31.56	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		6	W	21.2	R	31.76	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		9	W	21.1	R	31.99	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		12	W	21.8	R	33.25	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		15	W	21.2	R	34.01	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		18	W	20.3	R	34.82	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		21	W	19.3	R	34.74	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		24	W	17.9	R	34.73	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		27	W	17.5	R	34.95	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		30	W	17.2	R	35.03	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		33	W	15.5	R	35.13	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		39	W	14.0	R	35.11	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		55	W	13.1	R	34.81	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		61	W	12.9	R	35.01	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		76	W	13.2	R	35.22	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		91	W	12.7	R	35.14	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		100	W	12.8	R	35.16	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		114	W	12.5	R	35.34	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		122	W	12.5	R	35.26	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		138	W	12.5	R	35.36	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		152	W	12.5	R	35.33	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		160	W	12.2	R	35.55	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		168	W	12.0	R	35.41	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		175	W	11.7	R	35.44	710	70
18	07	67	19.2	SB	SHS6	37	10	74	33	190		23	14	02		190	W	11.2	R	35.43	710	70
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		0	C	22.78	R	31.17	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		3	C	22.75	R	31.15	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		6	W	21.7	R	31.20	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		9	W	19.8	R	31.89	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		12	W	16.7	R	32.23	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		15	W	14.2	R	32.86	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		18	W	13.1	R	33.19	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		21	W	12.5	R	33.23	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		24	W	11.1	R	33.08	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		27	W	9.8	R	32.95	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		30	W	9.1	R	32.90	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		33	W	8.6	R	32.75	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		36	W	8.2	R	32.68	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		39	W	6.2	R	32.64	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		45	W	5.7	R	32.19	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		50	W	6.0	R	32.63	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		55	W	6.2	R	32.64	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		60	W	6.2	R	32.77	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		65	W	6.2	R	32.79	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		70	W	6.2	R	32.80	710	60
18	07	67	21.6	SB	SHS6	37	10	74	45	75		23	03	03		75	W	6.1	R	32.81	710	60
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		0	C	23.26	R	31.14	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		3	C	23.25	R	31.10	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		6	W	22.9	R	31.17	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		9	W	21.6	R	31.32	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		12	W	18.2	R	31.77	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		15	W	12.3	R	32.17	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		18	W	9.2	R	32.36	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		21	W	8.9	R	32.37	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		24	W	8.3	R	32.39	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		27	W	7.9	R	32.40	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		30	W	7.7	R	32.40	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		36	W	7.2	R	32.44	710	50
19	07	67	05.5	SB	SHS6	37	10	74	58	43		23	11	03		42	W	7.2	R	32.46	710	50
19	07	67	07.0	SB	SHS6	37	10	75	10	32		23	11	03		0	C	23.44	R	30.17	710	40
19	07	67	07.0	SB	SHS6	37	10	75	10	32		23	11	03		3	C	23.29	R	30.15	710	40
19	07	67	07.0	SB	SHS6	37	10	75	10	32		23	11	03		6	W	23.1	R	30.20	710	40
19	07	67	07.0	SB	SHS6	37	10	75	10	32		23	11	03		9	W	20.4	R	30.73	710	40
19	07	67	07.0	SB	SHS6	37	10	75	10	32		23	11	03		12	W	17.6	R	31.43	710	40
19	07	67	07.0	SB	SHS6	37	10	75	10	32		23	11	03		15	W	13.9	R	31.88	710	40
19	07	67	07.0	SB	SHS6	37	10	75	10	32		23	11	03		18	W	13.1	R	32.13	710	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		STATION DESIGNATION				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰					
19	07	67	07.0	SB	SHS6	37	10	75	10	32			23	11	03			21	W	11.5	R	32.04			710	40		
19	07	67	07.0	SB	SHS6	37	10	75	10	32			23	11	03			24	W	9.7	R	32.22			710	40		
19	07	67	07.0	SB	SHS6	37	10	75	10	32			23	11	03			27	W	9.2	R	32.34			710	40		
19	07	67	07.0	SB	SHS6	37	10	75	10	32			23	11	03			30	W	9.1	R	32.34			710	40		
19	07	67	08.3	SB	SHS6	37	10	75	23	29			24	11	03			0	O	23.81	R	29.43			710	30		
19	07	67	08.3	SB	SHS6	37	10	75	23	29			24	11	03			3	O	23.77	R	29.39			710	30		
19	07	67	08.3	SB	SHS6	37	10	75	23	29			24	11	03			6	W	22.8	R	29.55			710	30		
19	07	67	08.3	SB	SHS6	37	10	75	23	29			24	11	03			9	W	20.3	R	30.50			710	30		
19	07	67	08.3	SB	SHS6	37	10	75	23	29			24	11	03			12	W	18.7	R	31.44			710	30		
19	07	67	08.3	SB	SHS6	37	10	75	23	29			24	11	03			15	W	14.8	R	31.81			710	30		
19	07	67	08.3	SB	SHS6	37	10	75	23	29			24	11	03			18	W	12.9	R	31.90			710	30		
19	07	67	08.3	SB	SHS6	37	10	75	23	29			24	11	03			21	W	10.9	R	32.11			710	30		
19	07	67	08.3	SB	SHS6	37	10	75	23	29			24	11	03			24	W	10.5	R	32.20			710	30		
19	07	67	08.3	SB	SHS6	37	10	75	23	29			24	11	03			27	W	10.5	R	32.26			710	30		
19	07	67	09.7	SB	SHS6	37	10	75	35	18			24	11	02			0	O	23.78	R	29.50			710	20		
19	07	67	09.7	SB	SHS6	37	10	75	35	18			24	11	02			2	O	23.54	R	29.54			710	20		
19	07	67	09.7	SB	SHS6	37	10	75	35	18			24	11	02			5	W	23.3	R	29.55			710	20		
19	07	67	09.7	SB	SHS6	37	10	75	35	18			24	11	02			8	W	17.5	R	30.04			710	20		
19	07	67	09.7	SB	SHS6	37	10	75	35	18			24	11	02			11	W	13.1	R	31.35			710	20		
19	07	67	09.7	SB	SHS6	37	10	75	35	18			24	11	02			14	W	13.1	R	31.90			710	20		
19	07	67	09.7	SB	SHS6	37	10	75	35	18			24	11	02			17			R	31.93			710	20		
19	07	67	10.5	SB	SHS6	37	10	75	41	13			24	11	01			0	O	23.14	R	29.26			710	15		
19	07	67	10.5	SB	SHS6	37	10	75	41	13			24	11	01			3	O	21.97	R	29.37			710	15		
19	07	67	10.5	SB	SHS6	37	10	75	41	13			24	11	01			6	W	16.0	R	30.97			710	15		
19	07	67	10.5	SB	SHS6	37	10	75	41	13			24	11	01			9	W	15.3	R	31.69			710	15		
19	07	67	10.5	SB	SHS6	37	10	75	41	13			24	11	01			12	W	15.2	R	31.71			710	15		
19	07	67	11.1	SB	SHS6	37	10	75	47	08			24	11	01			0	O	22.50	R	29.45			710	10		
19	07	67	11.1	SB	SHS6	37	10	75	47	08			24	11	01			3	O	21.72	R	29.75			710	10		
19	07	67	11.1	SB	SHS6	37	10	75	47	08			24	11	01			6	W	19.0	R	30.50			710	10		
19	07	67	11.9	SB	SHS6	37	05	75	50	08			26		01			0	O	23.02	R	29.41			705	08		
19	07	67	11.9	SB	SHS6	37	05	75	50	08			26		01			3	O	22.54	R	29.62			705	08		
19	07	67	11.9	SB	SHS6	37	05	75	50	08			26		01			6	W	18.7	R	30.54			705	08		
19	07	67	11.9	SB	SHS6	37	05	75	50	08			26		01			8			R	30.77			705	08		
19	07	67	12.8	SB	SHS6	37	00	75	54	09			22	09	03			0	O	19.57	R	30.18			700	05		
19	07	67	12.8	SB	SHS6	37	00	75	54	09			22	09	03			3	O	19.34	R	30.16			700	05		
19	07	67	12.8	SB	SHS6	37	00	75	54	09			22	09	03			6	W	19.3	R	30.19			700	05		
19	07	67	13.6	SB	SHS6	37	00	75	47	14			23	09	02			0	O	22.72	R	27.66			700	10		
19	07	67	13.6	SB	SHS6	37	00	75	47	14			23	09	02			3	O	19.73	R	30.20			700	10		
19	07	67	13.6	SB	SHS6	37	00	75	47	14			23	09	02			6	W	17.4	R	31.07			700	10		
19	07	67	13.6	SB	SHS6	37	00	75	47	14			23	09	02			9	W	16.9	R	31.38			700	10		
19	07	67	13.6	SB	SHS6	37	00	75	47	14			23	09	02			12	W	16.3	R	31.55			700	10		
19	07	67	14.7	SB	SHS6	37	00	75	35	22			23	09	04			0	O	24.00	R	29.77			700	20		
19	07	67	14.7	SB	SHS6	37	00	75	35	22			23	09	04			3	O	23.89	R	29.62			700	20		
19	07	67	14.7	SB	SHS6	37	00	75	35	22			23	09	04			6	W	22.6	R	29.83			700	20		
19	07	67	14.7	SB	SHS6	37	00	75	35	22			23	09	04			9	W	19.3	R	31.16			700	20		
19	07	67	14.7	SB	SHS6	37	00	75	35	22			23	09	04			12	W	14.8	R	31.54			700	20		
19	07	67	14.7	SB	SHS6	37	00	75	35	22			23	09	04			15	W	12.2	R	31.90			700	20		
19	07	67	14.7	SB	SHS6	37	00	75	35	22			23	09	04			18	W	12.1	R	32.07			700	20		
19	07	67	14.7	SB	SHS6	37	00	75	35	22			23	09	04			21	W	12.1	R	32.08			700	20		
19	07	67	16.1	SB	SHS6	37	00	75	23	29			24	07	03			0	O	24.18	R	29.37			700	30		
19	07	67	16.1	SB	SHS6	37	00	75	23	29			24	07	03			3	O	24.26	R	29.34			700	30		
19	07	67	16.1	SB	SHS6	37	00	75	23	29			24	07	03			6	W	23.8	R	29.66			700	30		
19	07	67	16.1	SB	SHS6	37	00	75	23	29			24	07	03			9	W	20.5	R	30.78			700	30		
19	07	67	16.1	SB	SHS6	37	00	75	23	29			24	07	03			12	W	17.6	R	31.63			700	30		
19	07	67	16.1	SB	SHS6	37	00	75	23	29			24	07	03			15	W	15.6	R	31.78			700	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
19	07	67	16.1	SB	SHS6	37	00	75	23	29			24	07	03			18	W	13.0	R	32.09	700	30
19	07	67	16.1	SB	SHS6	37	00	75	23	29			24	07	03			21	W	9.8	R	32.28	700	30
19	07	67	16.1	SB	SHS6	37	00	75	23	29			24	07	03			24	W	9.6	R	32.36	700	30
19	07	67	16.1	SB	SHS6	37	00	75	23	29			24	07	03			27	W	9.6	R	32.17	700	30
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			0	C	23.78	R	30.53	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			3	C	23.68	R	30.43	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			6	W	23.4	R	30.68	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			9	W	23.3	R	30.94	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			12	W	21.1	R	31.12	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			15	W	18.3	R	31.49	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			18	W	15.6	R	31.87	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			21	W	11.8	R	32.02	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			24	W	9.7	R	32.25	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			27	W	9.1	R	32.36	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			30	W	9.0	R	32.35	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			36	W	8.8	R	32.39	700	40
19	07	67	17.4	SB	SHS6	37	00	75	10	38			23	07	04			38	W	8.8	R	32.40	700	40
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			0	C	23.46	R	31.12	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			3	C	23.46	R	31.16	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			6	W	23.0	R	31.09	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			9	W	19.5	R	31.24	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			12	W	15.5	R	31.69	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			15	W	9.8	R	32.22	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			18	W	8.2	R	32.34	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			21	W	7.6	R	32.42	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			24	W	7.7	R	32.43	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			27	W	7.7	R	32.43	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			33	W	7.6	R	32.45	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			39	W	7.7	R	32.43	700	50
19	07	67	18.8	SB	SHS6	37	00	74	58	45			23	06	07			45	W	7.6	R	32.45	700	50
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			0	C	22.62	R	31.49	700	60
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			3	C	22.62	R	31.47	700	60
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			6	W	21.9	R	31.54	700	60
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			9	W	19.4	R	31.70	700	60
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			12	W	12.5	R	32.45	700	60
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			15	W	9.2	R	32.54	700	60
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			24	W	6.7	R	32.70	700	60
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			42	W	5.7	R	32.85	700	60
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			45	W	6.0	R	32.87	700	60
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			48	W	6.1	R	32.87	700	60
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			60	W	6.4	R	32.87	700	60
19	07	67	20.4	SB	SHS6	37	00	74	45	75				09	04			72	W	6.7	R	32.93	700	60
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			0	C	22.38	R	31.66	700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			3	C	22.26			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			6	W	22.3			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			9	W	21.8			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			12	W	21.3			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			15	W	18.4			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			18	W	11.6			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			21	W	8.8			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			24	W	7.2			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			27	W	6.2			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			30	W	6.0			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			33	W	5.8			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			36	W	5.9			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			39	W	5.9			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			43	W	7.2			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			49	W	12.8			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			55	W	12.7			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			61	W	10.6			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			67	W	10.7			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			85	W	12.7			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			108	W	12.1			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			122	W	12.1			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			137	W	12.1			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			168	W	11.4			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			176	W	11.0			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			183	W	10.2			700	66
20	07	67	07.5	SB	SHS6	37	00	74	37	190				04	03			191	W	9.8			700	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		0	O	23.02	R	31.38	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		3	O	22.59	R	31.69	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		6	W	20.8	R	31.92	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		9	W	19.7	R	31.36	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		12	W	16.1	R	32.42	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		15	W	13.0	R	32.58	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		18	W	11.6			650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		21	W	8.3	R	32.65	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		24	W	7.6	R	32.68	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		27	W	7.6	R	32.70	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		30	W	7.0	R	32.68	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		33	W	6.3	R	32.68	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		36	W	6.3	R	32.67	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		40	W	6.7	R	32.70	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		45	W	6.8	R	32.91	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		50	W	6.8	R	32.89	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		55	W	6.8	R	32.89	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		60	W	6.8	R	32.89	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		65	W	6.8	R	32.89	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		70	W	6.8	R	32.88	650	60
20	07	67	09.2	SB	SHS6	36	50	74	45	78		23	04	01		75	W	6.8	R	32.90	650	60
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		0	O	24.13	R	31.18	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		3	O	23.52	R	31.15	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		6			R	31.20	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		9	O	23.2	R	31.54	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		12	O	20.4	R	32.09	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		15	O	15.1	R	32.36	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		18	O	11.3	R	32.43	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		21	O	9.1	R	32.44	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		24	O	8.8	R	32.44	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		27	O	8.5	R	32.44	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		30	O	8.4	R	32.44	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		33			R	32.44	650	50
20	07	67	11.5	SB	SHS6	36	50	74	58	37		24		01		36			R	32.44	650	50
20	07	67	13.0	SB	SHS6	36	50	75	10	25		24	04	01		0	O	24.98	R	29.47	650	40
20	07	67	13.0	SB	SHS6	36	50	75	10	25		24	04	01		3	O	24.47	R	29.38	650	40
20	07	67	13.0	SB	SHS6	36	50	75	10	25		24	04	01		6	W	24.4	R	29.54	650	40
20	07	67	13.0	SB	SHS6	36	50	75	10	25		24	04	01		9	W	21.5	R	31.42	650	40
20	07	67	13.0	SB	SHS6	36	50	75	10	25		24	04	01		12	W	17.5	R	31.85	650	40
20	07	67	13.0	SB	SHS6	36	50	75	10	25		24	04	01		15	W	13.7	R	32.07	650	40
20	07	67	13.0	SB	SHS6	36	50	75	10	25		24	04	01		18	W	12.4	R	32.18	650	40
20	07	67	13.0	SB	SHS6	36	50	75	10	25		24	04	01		21	W	11.2	R	32.30	650	40
20	07	67	13.0	SB	SHS6	36	50	75	10	25		24	04	01		24			R	32.26	650	40
20	07	67	14.5	SB	SHS6	36	50	75	23	27		24	04	01		0	O	25.13	R	30.78	650	30
20	07	67	14.5	SB	SHS6	36	50	75	23	27		24	04	01		3	O	24.58	R	30.73	650	30
20	07	67	14.5	SB	SHS6	36	50	75	23	27		24	04	01		6	W	23.5	R	30.68	650	30
20	07	67	14.5	SB	SHS6	36	50	75	23	27		24	04	01		9	W	22.3	R	30.89	650	30
20	07	67	14.5	SB	SHS6	36	50	75	23	27		24	04	01		12	W	16.5	R	31.75	650	30
20	07	67	14.5	SB	SHS6	36	50	75	23	27		24	04	01		15	W	10.6	R	32.25	650	30
20	07	67	14.5	SB	SHS6	36	50	75	23	27		24	04	01		18	W	10.3	R	32.26	650	30
20	07	67	14.5	SB	SHS6	36	50	75	23	27		24	04	01		21	W	10.3	R	32.27	650	30
20	07	67	14.5	SB	SHS6	36	50	75	23	27		24	04	01		24	W	10.3	R	32.27	650	30
20	07	67	14.5	SB	SHS6	36	50	75	23	27		24	04	01		27			R	32.27	650	30
20	07	67	16.2	SB	SHS6	36	50	75	35	19		24	09	06		0	O	25.12	R	29.46	650	20
20	07	67	16.2	SB	SHS6	36	50	75	35	19		24	09	06		3	O	24.51	R	29.62	650	20
20	07	67	16.2	SB	SHS6	36	50	75	35	19		24	09	06		6	W	23.2	R	30.06	650	20
20	07	67	16.2	SB	SHS6	36	50	75	35	19		24	09	06		9	W	20.7	R	31.26	650	20
20	07	67	16.2	SB	SHS6	36	50	75	35	19		24	09	06		12	W	16.3	R	31.31	650	20
20	07	67	16.2	SB	SHS6	36	50	75	35	19		24	09	06		15	W	13.6	R	31.81	650	20
20	07	67	16.2	SB	SHS6	36	50	75	35	19		24	09	06		18	W	13.4	R	31.88	650	20
20	07	67	18.0	SB	SHS6	36	50	75	47	17		24	11	03		0	O	23.79	R	25.74	650	10
20	07	67	18.0	SB	SHS6	36	50	75	47	17		24	11	03		3	O	22.06	R	28.14	650	10
20	07	67	18.0	SB	SHS6	36	50	75	47	17		24	11	03		6	W	18.2	R	30.12	650	10
20	07	67	18.0	SB	SHS6	36	50	75	47	17		24	11	03		9	W	16.6	R	31.40	650	10
20	07	67	18.0	SB	SHS6	36	50	75	47	17		24	11	03		12	W	16.5	R	31.71	650	10
20	07	67	18.0	SB	SHS6	36	50	75	47	17		24	11	03		15	W	16.5	R	31.76	650	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		STATION DESIGNATION						
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰						
20	07	67	19.1	SB	SHS6	37	00	76	00	12			24	12	04			0	0	21.17	R	29.55			C	B0		
20	07	67	19.1	SB	SHS6	37	00	76	00	12			24	12	04			3	0	21.17	R	29.55			C	B0		
20	07	67	19.1	SB	SHS6	37	00	76	00	12			24	12	04			6	W	21.2	R	29.55			C	B0		
20	07	67	19.1	SB	SHS6	37	00	76	00	12			24	12	04			9	W	21.2	R	29.58			C	B0		
20	07	67	19.1	SB	SHS6	37	00	76	00	12			24	12	04			11	W	21.1	R	29.58			C	B0		

SHS 7-67 16 to 20 August 1967

Stations Sampled

640-05	650-03	700-00(CBO)	702-67	710-10
640-10	650-10	700-05	704-68	710-15
640-15	650-20	700-10	704-65	710-20
640-20	650-30	700-20	705-08	710-30
640-30	650-40	700-30	705-66	710-35
640-40	650-50	700-35	705-68	710-40
640-50	650-53	700-40	706-61	710-45
640-60	650-60	700-45	706-69	710-50
640-63	650-65	700-50		710-55
		700-55		710-60
645-04	655-03	700-60		710-65
		700-66		710-70

Sampling Sequence

Date	Time	Station
16 Aug.	09.1	655-03
	10.2	650-03
	11.1	645-04
	11.5	640-05
	12.2	640-10
	13.5	640-15
	13.8	640-20
	15.5	640-30
	17.5	640-40
	19.2	640-50
	21.0	640-60
17 Aug.	06.5	640-63
	08.3	650-65
	09.8	650-60
	12.2	700-60
	13.5	700-66
	15.1	702-67
	17.9	704-68
	19.1	705-68
	20.8	700-66
18 Aug.	12.5	706-61
	13.5	704-65
	19.6	706-69
	20.5	710-70
	22.1	710-65
19 Aug.	05.8	710-60
	06.9	710-55
	07.6	710-50
	08.4	710-45
	09.0	710-40
19 Aug.	10.0	710-35
	10.6	710-30
	12.0	710-20
	12.6	710-15
	13.5	710-10
	14.5	705-08
	15.3	700-05
	16.0	700-10
	17.0	700-20
	18.5	700-30
	19.7	700-35
	20.3	700-40
20 Aug.	06.0	700-45
	06.7	700-50
	07.6	700-55
	08.6	700-60
	09.9	700-66
	10.8	705-66
	11.7	650-65
	12.5	650-60
	13.2	650-53
	14.8	650-50
	16.3	650-40
	17.7	650-30
	19.3	650-20
	20.6	650-10
	22.3	700-00(CBO)

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
16	08	67	09.1	SB	SHS7	36	55	75	57	13			22	09	04			0	W	21.7	R	26.65	655	03
16	08	67	09.1	SB	SHS7	36	55	75	57	13			22	09	04			3	C	21.17	R	27.91	655	03
16	08	67	09.1	SB	SHS7	36	55	75	57	13			22	09	04			6	C	20.5	R	29.19	655	03
16	08	67	09.1	SB	SHS7	36	55	75	57	13			22	09	04			9	C	19.4	R	29.27	655	03
16	08	67	09.1	SB	SHS7	36	55	75	57	13			22	09	04			11	C	19.2	R	29.29	655	03
16	08	67	10.2	SB	SHS7	36	50	75	56	11			23	09	04			0	C	21.65	R	26.75	650	03
16	08	67	10.2	SB	SHS7	36	50	75	56	11			23	09	04			3	C	21.37	R	26.77	650	03
16	08	67	10.2	SB	SHS7	36	50	75	56	11			23	09	04			6	C	20.68	R	29.24	650	03
16	08	67	10.2	SB	SHS7	36	50	75	56	11			23	09	04			9	C	20.72	R	29.99	650	03
16	08	67	10.2	SB	SHS7	36	50	75	56	11			23	09	04			11	C	21.95	R	30.05	650	03
16	08	66	11.1	SB	SHS7	36	45	75	55	12			23		04			0	C	22.1	R	28.35	645	04
16	08	66	11.1	SB	SHS7	36	45	75	55	12			23		04			3	W	22.0	R	29.02	645	04
16	08	66	11.1	SB	SHS7	36	45	75	55	12			23		04			6	W	21.7	R	29.54	645	04
16	08	66	11.1	SB	SHS7	36	45	75	55	12			23		04			9	C	20.71	R	30.23	645	04
16	08	66	11.1	SB	SHS7	36	45	75	55	12			23		04			11	W	20.6	R	30.09	645	04
16	08	67	11.5	SB	SHS7	36	40	75	53	11			22	00	05			0	C	21.74	R	27.34	640	05
16	08	67	11.5	SB	SHS7	36	40	75	53	11			22	00	05			3	W	21.5	R	28.52	640	05
16	08	67	11.5	SB	SHS7	36	40	75	53	11			22	00	05			6	W	21.0	R	29.92	640	05
16	08	67	11.5	SB	SHS7	36	40	75	53	11			22	00	05			9	C	20.81	R	29.96	640	05
16	08	67	11.5	SB	SHS7	36	40	75	53	11			22	00	05			11	W	19.5	R	27.69	640	05
16	08	67	12.2	SB	SHS7	36	40	75	47	17			22	00	06			0	C	20.85	R	30.48	640	10
16	08	67	12.2	SB	SHS7	36	40	75	47	17			22	00	06			3	W	20.7	R	30.37	640	10
16	08	67	12.2	SB	SHS7	36	40	75	47	17			22	00	06			6	W	20.6	R	30.51	640	10
16	08	67	12.2	SB	SHS7	36	40	75	47	17			22	00	06			9	C	20.58	R	30.57	640	10
16	08	67	12.2	SB	SHS7	36	40	75	47	17			22	00	06			12	W	20.5	R	30.52	640	10
16	08	67	12.2	SB	SHS7	36	40	75	47	17			22	00	06			15	W	19.7	R	30.47	640	10
16	08	67	12.2	SB	SHS7	36	40	75	47	17			22	00	06			17	W	19.5	R	26.93	640	10
16	08	67	13.5	SB	SHS7	36	40	75	41	18								0	C	20.85			640	15
16	08	67	13.5	SB	SHS7	36	40	75	41	18								3	W	20.8			640	15
16	08	67	13.5	SB	SHS7	36	40	75	41	18								6	W	20.5			640	15
16	08	67	13.5	SB	SHS7	36	40	75	41	18								9	W	20.3			640	15
16	08	67	13.5	SB	SHS7	36	40	75	41	18								12	W	20.2			640	15
16	08	67	13.5	SB	SHS7	36	40	75	41	18								15	W	18.5			640	15
16	08	67	13.5	SB	SHS7	36	40	75	41	18								17	W	17.2			640	15
16	08	67	13.8	SB	SHS7	36	40	75	35	20			23	00	04			0	C	20.74	R	30.93	640	20
16	08	67	13.8	SB	SHS7	36	40	75	35	20			23	00	04			3	W	20.6	R	31.02	640	20
16	08	67	13.8	SB	SHS7	36	40	75	35	20			23	00	04			6	W	19.9	R	31.12	640	20
16	08	67	13.8	SB	SHS7	36	40	75	35	20			23	00	04			9	C	19.74	R	31.39	640	20
16	08	67	13.8	SB	SHS7	36	40	75	35	20			23	00	04			12	W	18.5	R	31.44	640	20
16	08	67	13.8	SB	SHS7	36	40	75	35	20			23	00	04			15	W	18.0	R	31.53	640	20
16	08	67	13.8	SB	SHS7	36	40	75	35	20			23	00	04			18	W	15.6	R	30.51	640	20
16	08	67	15.5	SB	SHS7	36	40	75	23	22			23	02	06			0	C	20.78	R	31.23	640	30
16	08	67	15.5	SB	SHS7	36	40	75	23	22			23	02	06			3	W	20.9	R	31.22	640	30
16	08	67	15.5	SB	SHS7	36	40	75	23	22			23	02	06			6	W	20.8	R	31.23	640	30
16	08	67	15.5	SB	SHS7	36	40	75	23	22			23	02	06			9	C	20.49	R	31.43	640	30
16	08	67	15.5	SB	SHS7	36	40	75	23	22			23	02	06			12	W	16.5	R	31.82	640	30
16	08	67	15.5	SB	SHS7	36	40	75	23	22			23	02	06			15	W	15.0	R	31.83	640	30
16	08	67	15.5	SB	SHS7	36	40	75	23	22			23	02	06			18	W	14.6	R	31.84	640	30
16	08	67	15.5	SB	SHS7	36	40	75	23	22			23	02	06			21	W	14.3	R	30.94	640	30
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			0	C	20.26	R	31.50	640	40
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			3	W	20.2	R	31.66	640	40
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			6	W	20.2	R	31.63	640	40
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			9	C	19.86	R	31.55	640	40
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			12	W	17.2	R	32.18	640	40
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			15	W	11.2	R	32.20	640	40
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			18	W	11.0	R	32.25	640	40
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			21	W	10.8	R	32.23	640	40
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			24	W	10.6	R	32.23	640	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		STATION DESIGNATION				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			27	W	10.6	R	32.22			640	40
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			30	W	10.6	R	32.27			640	40
16	08	67	17.5	SB	SHS7	36	40	75	10	36			22	02	05			32	W	10.6	R	32.22			640	40
16	08	67	19.2	SB	SHS7	36	40	74	58	33			22	02	04			0	C	22.26	R	32.62			640	50
16	08	67	19.2	SB	SHS7	36	40	74	58	33			22	02	04			3	W	22.3	R	32.58			640	50
16	08	67	19.2	SB	SHS7	36	40	74	58	33			22	02	04			6	W	22.3	R	32.62			640	50
16	08	67	19.2	SB	SHS7	36	40	74	58	33			22	02	04			9	C	22.19	R	32.54			640	50
16	08	67	19.2	SB	SHS7	36	40	74	58	33			22	02	04			12	W	09.5	R	32.28			640	50
16	08	67	19.2	SB	SHS7	36	40	74	58	33			22	02	04			15	W	08.0	R	32.34			640	50
16	08	67	19.2	SB	SHS7	36	40	74	58	33			22	02	04			18	W	07.9	R	32.37			640	50
16	08	67	19.2	SB	SHS7	36	40	74	58	33			22	02	04			21	W	07.9	R	32.43			640	50
16	08	67	19.2	SB	SHS7	36	40	74	58	33			22	02	04			24	W	07.9	R	32.36			640	50
16	08	67	19.2	SB	SHS7	36	40	74	58	33			22	02	04			27	W	07.9	R	32.43			640	50
16	08	67	19.2	SB	SHS7	36	40	74	58	33			22	02	04			30			R	32.35			640	50
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			0	C	22.70	R	33.45			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			3	W	22.7	R	33.48			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			6	W	22.6	R	33.33			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			9	W	22.6	R	33.47			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			12	W	22.4	R	32.93			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			15	W	11.0	R	32.81			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			18	W	09.6	R	32.71			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			21	W	08.2	R	32.74			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			24	W	07.6	R	32.71			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			27	W	06.7	R	32.60			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			30	W	05.9	R	32.58			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			33	W	05.9	R	32.62			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			36	W	05.6	R	32.77			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			39	W	05.6	R	32.81			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			42	W	05.8	R	32.83			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			45	W	05.9	R	32.84			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			50	W	06.2	R	32.93			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			55	W	06.4	R	32.99			640	60
16	08	67	21.0	SB	SHS7	36	40	74	45	75			22	02	03			60	W	06.6	R	33.02			640	60
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			0	C	22.90	R	33.66			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			3	W	23.0	R	33.68			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			6	W	23.1	R	33.73			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			9	C	23.17	R	33.86			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			12	W	22.0	R	33.88			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			15	W	17.0	R	33.16			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			18	W	15.0	R	33.43			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			21	W	13.6	R	33.63			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			24	W	12.6	R	33.55			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			27	W	12.5	R	33.65			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			30	W	09.7	R	33.54			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			35	W	09.2	R	33.34			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			40	W	09.3	R	33.41			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			45	W	09.1	R	33.43			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			50	W	09.3	R	33.41			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			55	W	09.5	R	33.57			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			60	W	09.7	R	33.68			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			65	W	10.1	R	33.69			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			70	W	10.6	R	33.86			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			75	W	11.1	R	34.20			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			80	W	11.6	R	34.23			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			85	W	11.9	R	34.49			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			90	W	12.3	R	34.56			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			95	W	12.5	R	34.73			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			100	W	12.6	R	34.80			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			120	W	12.7	R	35.17			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			140	W	12.9	R	33.51			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			160	W	12.7	R	35.22			640	63
17	08	67	06.5	SB	SHS7	36	40	74	42	210			22	29	02			180	W	12.1	R	35.24			640	63
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			0	C	21.34	R	32.99			650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			3	W	21.3	R	32.93			650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			6	W	21.3	R	33.01			650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			9	W	20.5	R	33.09			650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			12	W	15.0	R	33.00			650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			15	W	11.2	R	33.09			650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			18	W	09.7	R	33.09			650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			21	W	05.9	R	32.93			650	65

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			24	W	04.7	R	32.78	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			27	W	04.9	R	32.79	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			30	W	04.7	R	32.74	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			35	W	06.1	R	32.91	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			40	W	07.3	R	33.27	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			45	W	08.2	R	33.53	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			50	W	08.2	R	33.04	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			55	W	08.3	R	33.83	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			60	W	08.8	R	34.17	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			65	W	09.6	R	34.23	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			70	W	09.6	R	34.50	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			75	W	09.6	R	34.54	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			80	W	10.2	R	34.51	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			85	W	10.2	R	34.62	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			90	W	10.3	R	34.88	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			95	W	11.8	R	35.15	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			100	W	12.0	R	35.25	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			120	W	11.5	R	35.25	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			140	W	11.7	R	35.45	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			160	W	11.2	R	35.51	650	65
17	08	67	08.3	SB	SHS7	36	50	74	39	180			22	32	05			180	W	10.9	R	35.35	650	65
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			0	C	22.87	R	33.53	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			3	W	22.9	R	33.45	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			6	W	22.9	R	33.50	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			9	C	22.81	R	33.48	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			12	W	10.8	R	33.26	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			15	W	07.0	R	32.86	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			18	W	06.2	R	32.60	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			21	W	06.3	R	32.50	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			24	W	06.6	R	32.56	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			27	W	06.8	R	32.79	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			30	W	06.9	R	32.73	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			33	W	06.9	R	32.86	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			36	W	06.9	R	32.85	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			39	W	06.9	R	32.86	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			42	W	06.9	R	32.86	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			45	W	06.9	R	32.87	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			48	W	06.9	R	32.83	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			51	W	06.9	R	32.87	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			54	W	06.7	R	32.87	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			57	W	06.5	R	32.85	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			60	W	06.5	R	32.86	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			63	W	06.5	R	32.83	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			66	W	06.4	R	32.83	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			69	W	06.4	R	32.83	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			72	W	06.4	R	32.81	650	60
17	08	67	09.8	SB	SHS7	36	50	74	45	78			23	31	04			75	W	06.4	R	32.82	650	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			0	C	23.90	R	33.56	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			3	W	23.7	R	32.71	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			6	W	23.4	R	32.78	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			9	C	22.73	R	32.77	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			12	W	11.2	R	32.77	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			15	W	09.7	R	32.76	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			18	W	07.5	R	32.76	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			21	W	07.2	R	32.86	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			24	W	07.1	R	32.86	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			27	W	07.0	R	32.89	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			30	W	07.0	R	32.88	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			33	W	07.1	R	32.90	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			36	W	07.1	R	32.98	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			39	W	07.3	R	33.02	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			42	W	07.3	R	33.20	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			45	W	07.1	R	33.51	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			48	W	07.0	R	33.54	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			51	W	07.1	R	33.57	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			54	W	07.0	R	32.91	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			57	W	06.7	R	32.65	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			60	W	06.5	R	32.58	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			63	W	06.7	R	32.56	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			66	W	06.9	R	32.56	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			69	W	06.9	R	32.37	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			72	W	07.0	R	32.59	700	60
17	08	67	12.2	SB	SHS7	37	00	74	45	77			24	27	03			75	W	07.6	R	32.66	700	60
17	08	67	13.5	SB	SHS7	37	00	74	37	180			25	31	03			0	C	23.13	R	33.53	700	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		3	W	23.1	R	33.57	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		6	W	13.6	R	33.60	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		9	O	06.91	R	33.18	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		12	W	06.6	R	32.78	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		15	W	06.6	R	32.55	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		18	W	06.6	R	32.59	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		21	W	06.6	R	32.61	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		24	W	06.6	R	32.62	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		27	W	06.6	R	32.64	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		30	W	06.6	R	32.67	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		35	W	06.7	R	32.68	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		40	W	06.6	R	32.69	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		45	W	06.6	R	32.71	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		50	W	06.6	R	32.74	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		55	W	07.0	R	32.90	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		60	W	07.5	R	33.05	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		65	W	07.8	R	33.18	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		70	W	08.2	R	33.34	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		75	W	08.2	R	33.41	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		80	W	09.1	R	33.72	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		85	W	09.9	R	34.06	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		90	W	10.9	R	34.74	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		95	W	12.5	R	35.28	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		100	W	13.1	R	35.30	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		120	W	12.6	R	35.39	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		140	W	11.9	R	35.38	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		160	W	10.7	R	35.37	700	66
17	08	67	13.5	SB	SHS7	37	00	74	37	180		25	31	03		180	W	10.6	R	35.32	700	66
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						0	O	23.90			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						3	W	23.8			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						6	W	23.5			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						9	O	19.0			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						12	W	15.8			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						15	W	12.0			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						18	W	08.3			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						21	W	07.3			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						24	W	06.5			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						27	W	06.2			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						30	W	06.2			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						35	W	06.2			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						40	W	06.2			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						45	W	06.2			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						50	W	06.4			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						55	W	06.5			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						60	W	06.7			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						65	W	06.9			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						70	W	07.0			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						75	W	07.2			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						80	W	09.5			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						85	W	09.9			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						90	W	10.8			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						95	W	11.0			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						100	W	11.8			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						120	W	11.7			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						140	W	10.9			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						160	W	10.4			702	67
17	08	67	15.1	SB	SHS7	37	02	74	36	1100						180	W	09.8			702	67
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		0	O	22.86	R	33.36	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		3	W	22.7	R	33.32	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		6	W	22.7	R	33.64	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		9	O	22.86	R	33.86	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		12	W	22.1	R	34.00	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		15	W	20.4	R	34.56	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		18	W	16.8	R	34.56	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		21	W	12.7	R	34.28	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		24	W	08.4	R	33.67	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		27	W	04.9	R	33.03	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		30	W	04.9	R	32.90	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		35	W	04.7	R	32.81	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		40	W	04.8	R	32.95	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		45	W	05.1	R	32.98	704	68
17	08	67	17.9	SB	SHS7	37	045	74	35	140		25	22	02		50	W	05.3	R	33.08	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		55	W	05.4	R	33.14	704	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		60	W	05.5	R	33.23	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		65	W	06.1	R	33.27	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		70	W	06.4	R	33.49	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		75	W	07.6	R	33.73	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		80	W	08.6	R	33.59	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		85	W	09.4	R	34.19	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		90	W	10.3	R	34.70	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		95	W	10.6	R	35.17	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		100	W	10.8	R	35.32	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		120	W	11.1	R	35.44	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		140	W	10.6	R	35.41	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		160	W	10.6	R	35.40	704	68
17	08	67	17.9	SB	SHS7	37	04	74	35	140		25	22	02		180	W	09.8	R	35.37	704	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		0	O	23.44	R	33.68	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		3	W	23.9	R	33.59	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		6	W	23.8	R	33.60	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		9	O	23.25	R	33.69	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		12	W	18.0	R	33.17	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		15	W	14.2	R	32.90	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		18	W	12.0	R	32.95	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		21	W	07.7	R	32.59	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		24	W	06.5	R	32.59	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		27	W	06.3	R	32.61	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		30	W	06.3	R	32.61	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		35	W	06.2	R	32.65	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		40	W	06.2	R	32.69	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		45	W	06.3	R	32.73	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		50	W	06.2	R	32.85	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		55	W	06.5	R	32.89	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		60	W	06.5	R	33.02	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		65	W	06.8	R	33.22	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		70	W	07.9	R	33.46	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		75	W	08.0	R	33.61	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		80	W	09.0	R	33.85	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		85	W	09.7	R	33.88	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		90	W	10.3	R	34.15	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		95	W	10.8	R	34.51	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		100	W	11.4	R	34.71	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		120	W	13.0	R	35.30	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		140	W	12.9	R	35.50	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		160	W	11.6	R	35.41	705	68
17	08	67	19.1	SB	SHS7	37	05	74	366	180		22	18	04		180	W	10.8	R	35.37	705	68
17	08	67	20.8	SB	SHS7	37	00	74	37	180						0	C	23.40			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						3	W	23.7			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						6	W	23.7			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						9	O	22.85			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						12	W	17.2			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						15	W	13.0			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						18	W	07.9			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						21	W	06.3			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						24	W	06.2			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						27	W	06.1			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						30	W	06.1			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						35	W	06.0			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						40	W	06.1			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						45	W	06.1			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						50	W	06.5			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						55	W	07.2			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						60	W	07.2			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						65	W	07.6			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						70	W	08.0			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						75	W	08.6			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						80	W	08.9			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						85	W	09.5			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						90	W	10.4			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						95	W	11.3			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						100	W	13.0			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						120	W	12.1			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						140	W	11.5			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						160	W	10.9			700	66
17	08	67	20.8	SB	SHS7	37	00	74	37	180						180	W	10.7			700	66
18	08	67	12.5	SB	SHS7	37	05	74	43	190		25	23	03		0	O	23.88	R	33.64	706	61
18	08	67	12.5	SB	SHS7	37	05	74	43	190		25	23	03		3	W	23.6			706	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
18	08	67	12.5	SB	SHS7	37	05	74	43	190		25	23	03		6	W	23.2			706	61
18	08	67	12.5	SB	SHS7	37	05	74	43	190		25	23	03		9	W	19.7			706	61
18	08	67	12.5	SB	SHS7	37	05	74	43	190		25	23	03		12	O	15.25			706	61
18	08	67	12.5	SB	SHS7	37	05	74	43	190		25	23	03		30	W	06.1	R	32.55	706	61
18	08	67	12.5	SB	SHS7	37	05	74	43	190		25	23	03		100	W	12.0	R	35.43	706	61
18	08	67	13.5	SB	SHS7	37	04	74	39	650		26	01	04		0	C	23.90	R	33.71	704	65
18	08	67	13.5	SB	SHS7	37	04	74	39	650		26	01	04		9	C	20.00	R	32.67	704	65
18	08	67	13.5	SB	SHS7	37	04	74	39	650		26	01	04		25	O	06.54	R	35.41	704	65
18	08	67	13.5	SB	SHS7	37	04	74	39	650		26	01	04		30	W	06.0			704	65
18	08	67	13.5	SB	SHS7	37	04	74	39	650		26	01	04		100	W	11.8			704	65
18	08	67	19.6	SB	SHS7	37	06	74	34	180		25	22	04		0	C	23.50	R	33.84	706	69
18	08	67	19.6	SB	SHS7	37	06	74	34	180		25	22	04		9	C	23.17	R	32.59	706	69
18	08	67	19.6	SB	SHS7	37	06	74	34	180		25	22	04		30	W	05.9	R	35.27	706	69
18	08	67	19.6	SB	SHS7	37	06	74	34	180		25	22	04		100	W	12.3			706	69
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		0	C	23.76	R	33.72	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		3	W	24.0	R	33.74	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		6	W	23.6	R	33.73	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		9	C	23.39	R	33.78	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		12	W	22.4	R	33.82	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		15	W	20.8	R	33.76	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		18	W	20.1	R	34.06	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		21	W	16.1	R	34.26	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		24	W	12.3	R	33.80	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		27	W	09.9	R	33.93	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		30	W	07.2	R	33.32	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		35	W	05.4	R	33.05	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		40	W	05.2	R	32.99	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		45	W	05.8	R	33.05	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		50	W	06.7	R	33.55	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		55	W	07.4	R	33.76	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		60	W	08.3	R	34.25	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		65	W	09.5	R	34.80	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		70	W	09.8	R	34.89	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		75	W	10.0	R	35.06	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		80	W	10.2	R	35.14	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		85	W	10.3			710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		90	W	10.6	R	35.28	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		95	W	10.6	R	35.33	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		100	W	10.5	R	35.34	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		120	W	10.4	R	35.44	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		140	W	10.1	R	34.04	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		160	W	09.9	R	35.09	710	70
18	08	67	20.5	SB	SHS7	37	10	74	33	180		24	22	04		180	W	09.1	R	35.29	710	70
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		0	C	23.27	R	33.87	710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		3	W	23.2			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		6	W	23.2			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		9	C	23.26			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		12	W	21.5			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		15	W	18.5			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		18	W	15.5			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		21	W	12.5			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		24	W	09.5			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		27	W	06.0			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		30	W	05.7			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		35	W	05.0			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		40	W	04.8			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		45	W	05.0			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		50	W	05.2			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		55	W	05.3			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		60	W	05.7			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		65	W	05.7			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		70	W	06.0			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		75	W	06.2			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		80	W	08.1			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		85	W	09.7			710	65
18	08	67	22.1	SB	SHS7	37	10	74	39	92		23	22	06		90	W	09.8			710	65
19	08	67	05.8	SB	SHS7	37	10	74	45	75		23	22	05		0	O	22.75	R	32.57	710	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			3	W	22.8	R	32.62	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			6	W	22.9	R	32.63	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			9	W	18.75	R	33.32	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			12	W	14.6	R	33.24	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			15	W	10.7	R	32.88	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			18	W	07.5	R	32.67	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			21	W	07.0	R	32.60	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			24	W	06.1	R	32.52	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			27	W	06.0	R	32.48	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			30	W	05.7	R	32.48	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			35	W	05.7	R	32.51	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			40	W	05.7	R	32.55	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			45	W	05.7	R	32.55	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			50	W	05.7	R	32.65	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			55	W	05.7	R	32.62	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			60	W	05.7	R	32.66	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			65	W	06.2	R	32.82	710	60
19	08	67	05.8	SB	SHS7	37	10	74	45	75			23	22	05			70	W	07.2	R	33.06	710	60
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			0	O	22.21	R	32.18	710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			3	W	22.2			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			6	W	22.2			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			9	W	22.7			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			12	W	19.5			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			15	W	15.2			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			18	W	10.0			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			21	W	05.7			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			24	W	05.5			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			27	W	05.4			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			30	W	05.3			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			35	W	05.2			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			40	W	05.1			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			45	W	05.1			710	55
19	08	67	06.9	SB	SHS7	37	10	74	52	51			24	22	05			50	W	05.1			710	55
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			0	O	22.81	R	32.40	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			3	W	22.8	R	32.26	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			6	W	23.5	R	32.97	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			9	W	23.2	R	33.41	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			12	W	23.1	R	33.72	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			15	W	18.4	R	33.11	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			18	W	14.0	R	32.31	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			21	W	09.0	R	32.18	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			24	W	08.3	R	32.18	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			27	W	07.8	R	32.21	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			30	W	07.8	R	32.22	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			33	W	07.7	R	33.14	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			36	W	07.3	R	32.23	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			39	W	06.5	R	32.21	710	50
19	08	67	07.6	SB	SHS7	37	10	74	58	43			24	22	05			42	W	06.3			710	50
19	08	67	08.4	SB	SHS7	37	10	75	04	33			24	22	06			0	O	22.20	R	31.38	710	45
19	08	67	08.4	SB	SHS7	37	10	75	04	33			24	22	06			3	W	22.2			710	45
19	08	67	08.4	SB	SHS7	37	10	75	04	33			24	22	06			6	W	22.2			710	45
19	08	67	08.4	SB	SHS7	37	10	75	04	33			24	22	06			9	W	21.1			710	45
19	08	67	08.4	SB	SHS7	37	10	75	04	33			24	22	06			12	W	20.4			710	45
19	08	67	08.4	SB	SHS7	37	10	75	04	33			24	22	06			15	W	16.0			710	45
19	08	67	08.4	SB	SHS7	37	10	75	04	33			24	22	06			18	W	12.4			710	45
19	08	67	08.4	SB	SHS7	37	10	75	04	33			24	22	06			21	W	09.4			710	45
19	08	67	08.4	SB	SHS7	37	10	75	04	33			24	22	06			24	W	09.3			710	45
19	08	67	08.4	SB	SHS7	37	10	75	04	33			24	22	06			28	W	09.2			710	45
19	08	67	09.0	SB	SHS7	37	10	75	10	31			24	22	06			0	O	22.17	R	31.42	710	40
19	08	67	09.0	SB	SHS7	37	10	75	10	31			24	22	06			3	W	22.4	R	31.39	710	40
19	08	67	09.0	SB	SHS7	37	10	75	10	31			24	22	06			6	W	22.2	R	31.44	710	40
19	08	67	09.0	SB	SHS7	37	10	75	10	31			24	22	06			9	O	21.85	R	31.55	710	40
19	08	67	09.0	SB	SHS7	37	10	75	10	31			24	22	06			12	W	20.2	R	31.63	710	40
19	08	67	09.0	SB	SHS7	37	10	75	10	31			24	22	06			15	W	17.3	R	31.63	710	40
19	08	67	09.0	SB	SHS7	37	10	75	10	31			24	22	06			18	W	11.6	R	31.95	710	40
19	08	67	09.0	SB	SHS7	37	10	75	10	31			24	22	06			21	W	10.6	R	32.08	710	40
19	08	67	09.0	SB	SHS7	37	10	75	10	31			24	22	06			24	W	10.2	R	32.19	710	40
19	08	67	09.0	SB	SHS7	37	10	75	10	31			24	22	06			27	W	10.2	R	32.24	710	40
19	08	67	09.0	SB	SHS7	37	10	75	10	31			24	22	06			28			R	32.21	710	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
19	08	67	10.0	SB	SHS7	37	10	75	16	25			24	22	04			0	C	22.21	R	31.68	710	35
19	08	67	10.0	SB	SHS7	37	10	75	16	25			24	22	04			3	W	22.1			710	35
19	08	67	10.0	SB	SHS7	37	10	75	16	25			24	22	04			6	W	22.0			710	35
19	08	67	10.0	SB	SHS7	37	10	75	16	25			24	22	04			9	C	21.84			710	35
19	08	67	10.0	SB	SHS7	37	10	75	16	25			24	22	04			12	W	20.0			710	35
19	08	67	10.0	SB	SHS7	37	10	75	16	25			24	22	04			15	W	20.0			710	35
19	08	67	10.0	SB	SHS7	37	10	75	16	25			24	22	04			18	W	17.0			710	35
19	08	67	10.0	SB	SHS7	37	10	75	16	25			24	22	04			21	W	11.1			710	35
19	08	67	10.0	SB	SHS7	37	10	75	16	25			24	22	04			24	W	10.9			710	35
19	08	67	10.0	SB	SHS7	37	10	75	16	25			24	22	04			25	W	10.9			710	35
19	08	67	10.6	SB	SHS7	37	10	75	23	27			25	22	06			0	C	21.87	R	31.27	710	30
19	08	67	10.6	SB	SHS7	37	10	75	23	27			25	22	06			3	W	22.1	R	31.28	710	30
19	08	67	10.6	SB	SHS7	37	10	75	23	27			25	22	06			6	W	21.9	R	31.38	710	30
19	08	67	10.6	SB	SHS7	37	10	75	23	27			25	22	06			9	C	21.87	R	31.65	710	30
19	08	67	10.6	SB	SHS7	37	10	75	23	27			25	22	06			12	W	21.3	R	31.63	710	30
19	08	67	10.6	SB	SHS7	37	10	75	23	27			25	22	06			15	W	20.2	R	31.58	710	30
19	08	67	10.6	SB	SHS7	37	10	75	23	27			25	22	06			18	W	16.4	R	31.63	710	30
19	08	67	10.6	SB	SHS7	37	10	75	23	27			25	22	06			21	W	13.7	R	31.85	710	30
19	08	67	10.6	SB	SHS7	37	10	75	23	27			25	22	06			24	W	12.1	R	31.99	710	30
19	08	67	10.6	SB	SHS7	37	10	75	23	27			25	22	06			26	W	11.8	R	32.13	710	30
19	08	67	12.0	SB	SHS7	37	10	75	35	16			25	21	04			0	C	22.43	R	30.81	710	20
19	08	67	12.0	SB	SHS7	37	10	75	35	16			25	21	04			3	W	22.5	R	30.78	710	20
19	08	67	12.0	SB	SHS7	37	10	75	35	16			25	21	04			6	W	21.8	R	30.94	710	20
19	08	67	12.0	SB	SHS7	37	10	75	35	16			25	21	04			9	C	21.36	R	31.19	710	20
19	08	67	12.0	SB	SHS7	37	10	75	35	16			25	21	04			12	W	19.8	R	31.26	710	20
19	08	67	12.0	SB	SHS7	37	10	75	35	16			25	21	04			15	W	19.7	R	31.40	710	20
19	08	67	12.6	SB	SHS7	37	10	75	41	14			25	20	04			0	C	21.80	R	30.92	710	15
19	08	67	12.6	SB	SHS7	37	10	75	41	14			25	20	04			3	W	21.6	R	30.86	710	15
19	08	67	12.6	SB	SHS7	37	10	75	41	14			25	20	04			6	W	20.0	R	30.99	710	15
19	08	67	12.6	SB	SHS7	37	10	75	41	14			25	20	04			9	C	20.05	R	31.11	710	15
19	08	67	12.6	SB	SHS7	37	10	75	41	14			25	20	04			12	W	19.9	R	31.33	710	15
19	08	67	13.5	SB	SHS7	37	10	75	47	09			26	18	05			0	C	21.93	R	31.31	710	10
19	08	67	13.5	SB	SHS7	37	10	75	47	09			26	18	05			3	W	21.8	R	31.31	710	10
19	08	67	13.5	SB	SHS7	37	10	75	47	09			26	18	05			6	W	20.7	R	31.30	710	10
19	08	67	13.5	SB	SHS7	37	10	75	47	09			26	18	05			8	C	20.99	R	31.31	710	10
19	08	67	14.5	SB	SHS7	37	05	75	50	08			25	18	06			0	C	21.59	R	30.78	705	08
19	08	67	14.5	SB	SHS7	37	05	75	50	08			25	18	06			3	W	21.6	R	30.78	705	08
19	08	67	14.5	SB	SHS7	37	05	75	50	08			25	18	06			6	W	20.5	R	30.95	705	08
19	08	67	14.5	SB	SHS7	37	05	75	50	08			25	18	06			7	C	20.32			705	08
19	08	67	15.3	SB	SHS7	37	00	75	54	09			25	18	05			0	C	22.94	R	28.32	700	05
19	08	67	15.3	SB	SHS7	37	00	75	54	09			25	18	05			3	W	22.7	R	28.39	700	05
19	08	67	15.3	SB	SHS7	37	00	75	54	09			25	18	05			6	W	21.9	R	28.84	700	05
19	08	67	15.3	SB	SHS7	37	00	75	54	09			25	18	05			8	W	21.4	R	29.19	700	05
19	08	67	15.3	SB	SHS7	37	00	75	54	09			25	18	05			9	C	21.41			700	05
19	08	67	16.0	SB	SHS7	37	00	75	47	14			25	18	07			0	C	22.68	R	28.36	700	10
19	08	67	16.0	SB	SHS7	37	00	75	47	14			25	18	07			3	W	22.3	R	28.69	700	10
19	08	67	16.0	SB	SHS7	37	00	75	47	14			25	18	07			6	W	20.0	R	30.45	700	10
19	08	67	16.0	SB	SHS7	37	00	75	47	14			25	18	07			9	C	19.64	R	30.89	700	10
19	08	67	16.0	SB	SHS7	37	00	75	47	14			25	18	07			12	W	19.5	R	31.10	700	10
19	08	67	17.0	SB	SHS7	37	00	75	35	20			24	18	07			0	C	23.45	R	28.13	700	20
19	08	67	17.0	SB	SHS7	37	00	75	35	20			24	18	07			3	W	22.1	R	30.60	700	20
19	08	67	17.0	SB	SHS7	37	00	75	35	20			24	18	07			6	W	21.4	R	30.87	700	20
19	08	67	17.0	SB	SHS7	37	00	75	35	20			24	18	07			9	C	21.15	R	31.14	700	20
19	08	67	17.0	SB	SHS7	37	00	75	35	20			24	18	07			12	W	20.7	R	31.19	700	20
19	08	67	17.0	SB	SHS7	37	00	75	35	20			24	18	07			15	W	19.8	R	31.24	700	20
19	08	67	17.0	SB	SHS7	37	00	75	35	20			24	18	07			18	W	19.0	R	31.31	700	20

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
19	08	67	18.5	SB	SHS7	37	00	75	23	27			24	18	08			0	C	22.32	R	31.30	700	30
19	08	67	18.5	SB	SHS7	37	00	75	23	27			24	18	08			3	W	22.7	R	30.94	700	30
19	08	67	18.5	SB	SHS7	37	00	75	23	27			24	18	08			6	W	22.3	R	31.33	700	30
19	08	67	18.5	SB	SHS7	37	00	75	23	27			24	18	08			9	C	21.94	R	31.39	700	30
19	08	67	18.5	SB	SHS7	37	00	75	23	27			24	18	08			12	W	21.5	R	31.46	700	30
19	08	67	18.5	SB	SHS7	37	00	75	23	27			24	18	08			15	W	20.9	R	31.41	700	30
19	08	67	18.5	SB	SHS7	37	00	75	23	27			24	18	08			18	W	18.2	R	31.51	700	30
19	08	67	18.5	SB	SHS7	37	00	75	23	27			24	18	08			21	W	12.9	R	31.99	700	30
19	08	67	18.5	SB	SHS7	37	00	75	23	27			24	18	08			24	W	12.8			700	30
19	08	67	18.5	SB	SHS7	37	00	75	23	27			24	18	08			26			R	32.06	700	30
19	08	67	19.7	SB	SHS7	37	00	75	16	34			23	18	08			0	C	21.96	R	31.34	700	35
19	08	67	19.7	SB	SHS7	37	00	75	16	34			23	18	08			3	W	21.8			700	35
19	08	67	19.7	SB	SHS7	37	00	75	16	34			23	18	08			6	W	21.8			700	35
19	08	67	19.7	SB	SHS7	37	00	75	16	34			23	18	08			9	C	21.01			700	35
19	08	67	19.7	SB	SHS7	37	00	75	16	34			23	18	08			12	W	20.0			700	35
19	08	67	19.7	SB	SHS7	37	00	75	16	34			23	18	08			15	W	21.5			700	35
19	08	67	19.7	SB	SHS7	37	00	75	16	34			23	18	08			18	W	19.7			700	35
19	08	67	19.7	SB	SHS7	37	00	75	16	34			23	18	08			21	W	10.6			700	35
19	08	67	19.7	SB	SHS7	37	00	75	16	34			23	18	08			24	W	09.3			700	35
19	08	67	19.7	SB	SHS7	37	00	75	16	34			23	18	08			27	W	09.3			700	35
19	08	67	19.7	SB	SHS7	37	00	75	16	34			23	18	08			29	W	09.3			700	35
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			0	C	22.29	R	31.51	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			3	W	22.3	R	31.48	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			6	W	22.3	R	31.50	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			9	C	22.29	R	31.58	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			12	W	22.3	R	32.13	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			15	W	22.2	R	32.47	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			18	W	15.4	R	32.45	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			21	W	08.1	R	32.11	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			24	W	07.2	R	32.26	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			27	W	07.2	R	32.27	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			30	W	07.2	R	32.27	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			33	W	07.1	R	32.27	700	40
19	08	67	20.3	SB	SHS7	37	00	75	10	36			23	18	08			36	W	07.1	R	32.28	700	40
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			0	C	22.63	R	31.77	700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			3	W	22.5			700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			6	W	22.4			700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			9	W	21.5			700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			12	W	19.1			700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			15	W	12.0			700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			18	W	08.4			700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			21	W	07.6			700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			24	W	07.6			700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			27	W	07.6			700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			30	W	07.5			700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			35	W	07.4			700	45
20	08	67	06.0	SB	SHS7	37	00	75	04	41			23	22	06			40	W	07.4			700	45
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			0	C	22.80	R	32.02	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			3	W	22.9	R	32.00	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			6	W	22.9	R	32.01	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			9	W	22.9	R	32.15	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			12	W	13.0	R	32.15	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			15	W	11.9	R	32.19	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			18	W	07.5	R	32.28	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			21	W	07.5	R	32.24	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			24	W	07.5	R	32.31	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			27	W	07.4	R	32.26	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			30	W	07.4	R	32.29	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			35	W	07.2	R	32.32	700	50
20	08	67	06.7	SB	SHS7	37	00	74	58	42			24	22	07			40	W	07.1	R	32.36	700	50
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			0	C	22.74	R	32.15	700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			3	W	22.7			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			6	W	22.7			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			9	W	20.0			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			12	W	11.0			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			15	W	07.9			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			18	W	06.7			700	55

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			21	W	06.7			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			24	W	06.7			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			27	W	06.2			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			30	W	05.8			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			35	W	05.7			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			40	W	05.7			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			45	W	05.6			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			50	W	05.6			700	55
20	08	67	07.6	SB	SHS7	37	00	74	52	55			25	22	06			55	W	05.6			700	55
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			0	C	22.62	R	32.43	700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			3	W	22.6			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			6	W	22.5			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			9	W	21.0			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			12	W	15.0			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			15	W	10.2			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			18	W	07.6			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			21	W	07.2			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			24	W	06.7			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			27	W	06.6			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			30	W	06.4			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			33	W	06.4			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			36	W	06.4			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			39	W	06.4			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			42	W	06.4			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			45	W	06.2			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			48	W	06.0			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			51	W	06.0			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			54	W	06.1			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			57	W	06.1			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			60	W	06.3			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			63	W	06.6			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			66	W	07.3			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			69	W	07.9			700	60
20	08	67	08.6	SB	SHS7	37	00	74	45	72			25	22	06			72	W	07.4			700	60
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			0	C	23.63	R	33.59	700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			3	W	23.6			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			6	W	23.5			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			9	C	23.43			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			12	W	15.3			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			15	W	07.3			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			18	W	06.2			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			21	W	06.1			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			24	W	06.0			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			27	W	06.1			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			30	W	06.0			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			35	W	06.0			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			40	W	06.0			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			45	W	06.0			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			50	W	05.9			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			55	W	06.0			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			60	W	06.0			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			65	W	06.0			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			70	W	06.2			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			75	W	07.2			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			80	W	08.1			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			85	W	08.8			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			90	W	10.5			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			95	W	11.6			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			100	W	11.9			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			120	W	11.5			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			140	W	11.2			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			160	W	10.6			700	66
20	08	67	09.9	SB	SHS7	37	00	74	37	180			25	22	07			180	W	10.4			700	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			0	O	23.47	R	33.38	705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			3	W	23.4			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			6	W	23.3			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			9	O	23.28			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			12	W	23.3			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			15	W	22.0			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			18	W	20.2			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			21	W	12.5			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			24	W	08.2			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			27	W	06.3			705	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			30	W	06.1			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			35	W	06.1			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			40	W	06.1			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			45	W	06.1			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			50	W	06.4			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			55	W	10.1			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			60	W	10.1			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			65	W	13.0			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			70	W	12.6			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			75	W	13.0			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			80	W	12.6			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			85	W	13.4			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			90	W	13.6			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			95	W	14.1			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			100	W	15.0			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			120	W	13.6			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			140	W	12.6			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			160	W	11.4			705	66
20	08	67	10.8	SB	SHS7	37	05	74	39	170			24	22	07			174	W	11.1			705	66
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			0	C	23.59	R	33.12	650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			3	W	23.8			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			6	W	23.8			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			9	C	23.38			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			12	W	23.2			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			15	W	21.0			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			18	W	16.4			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			21	W	12.0			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			24	W	11.4			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			27	W	09.4			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			30	W	09.5			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			35	W	10.0			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			40	W	09.8			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			45	W	09.2			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			50	W	09.4			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			55	W	10.0			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			60	W	10.6			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			65	W	10.7			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			70	W	17.4			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			75	W	11.6			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			80	W	11.8			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			85	W	13.5			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			90	W	13.3			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			95	W	13.2			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			100	W	11.8			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			120	W	11.5			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			140	W	11.5			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			160	W	11.4			650	65
20	08	67	11.7	SB	SHS7	36	50	74	38	180			24	22	06			180	W	11.1			650	65
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			0	C	23.21	R	32.67	650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			3	W	23.5			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			6	W	23.3			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			9	C	23.15			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			12	W	22.9			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			15	W	20.9			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			18	W	14.5			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			21	W	10.8			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			24	W	09.8			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			27	W	10.1			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			30	W	07.1			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			35	W	06.4			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			40	W	06.3			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			45	W	06.4			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			50	W	06.6			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			55	W	06.9			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			60	W	07.2			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			65	W	07.3			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			70	W	07.4			650	60
20	08	67	12.5	SB	SHS7	36	50	74	45	74			25	22	07			74	W	07.5			650	60
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			0	C	23.14	R	32.51	650	53
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			3	W	24.2			650	53
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			6	W	24.2			650	53
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			9	C	23.87			650	53
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			12	W	18.2			650	53

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION					
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰					
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			15	W	12.2					650	53	
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			18	W	06.8					650	53	
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			21	W	06.6					650	53	
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			24	W	06.6					650	53	
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			27	W	06.6					650	53	
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			30	W	06.6					650	53	
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			35	W	06.6					650	53	
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			40	W	06.6					650	53	
20	08	67	13.2	SB	SHS7	36	50	74	53	46			24	22	08			45	W	06.7					650	53	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			0	C	23.28	R	32.09			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			3	W	23.5	R	33.25			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			6	W	22.7	R	32.27			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			9	C	21.90	R	32.62			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			12	W	18.2	R	32.89			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			15	W	13.3	R	32.76			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			18	W	11.0	R	32.43			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			20	W	07.5	R	32.35			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			24	W	07.4	R	32.31			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			27	W	07.3	R	32.30			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			30	W	07.2	R	32.29			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			33	W	07.1	R	32.29			650	50	
20	08	67	14.8	SB	SHS7	36	50	74	58	39			24	22	06			36	W	06.9	R	32.30			650	50	
20	08	67	16.3	SB	SHS7	36	50	75	10	27			23	22	02			0	C	22.83	R	31.84			650	40	
20	08	67	16.3	SB	SHS7	36	50	75	10	27			23	22	02			3	W	23.0	R	31.78			650	40	
20	08	67	16.3	SB	SHS7	36	50	75	10	27			23	22	02			6	W	22.7	R	31.77			650	40	
20	08	67	16.3	SB	SHS7	36	50	75	10	27			23	22	02			9	C	22.40	R	31.89			650	40	
20	08	67	16.3	SB	SHS7	36	50	75	10	27			23	22	02			12	W	23.0	R	32.28			650	40	
20	08	67	16.3	SB	SHS7	36	50	75	10	27			23	22	02			15	W	21.0	R	32.64			650	40	
20	08	67	16.3	SB	SHS7	36	50	75	10	27			23	22	02			18	W	12.5	R	32.43			650	40	
20	08	67	16.3	SB	SHS7	36	50	75	10	27			23	22	02			21	W	12.0	R	32.19			650	40	
20	08	67	16.3	SB	SHS7	36	50	75	10	27			23	22	02			24	W	12.0	R	32.19			650	40	
20	08	67	17.7	SB	SHS7	36	50	75	23	27			22	22	03			0	C	23.90	R	31.00			650	30	
20	08	67	17.7	SB	SHS7	36	50	75	23	27			22	22	03			3	W	23.9	R	31.11			650	30	
20	08	67	17.7	SB	SHS7	36	50	75	23	27			22	22	03			6	W	22.8	R	31.09			650	30	
20	08	67	17.7	SB	SHS7	36	50	75	23	27			22	22	03			9	C	20.69	R	31.39			650	30	
20	08	67	17.7	SB	SHS7	36	50	75	23	27			22	22	03			12	W	20.2	R	31.44			650	30	
20	08	67	17.7	SB	SHS7	36	50	75	23	27			22	22	03			15	W	19.6	R	31.49			650	30	
20	08	67	17.7	SB	SHS7	36	50	75	23	27			22	22	03			18	W	18.8	R	31.63			650	30	
20	08	67	17.7	SB	SHS7	36	50	75	23	27			22	22	03			21	W	17.6	R	31.83			650	30	
20	08	67	17.7	SB	SHS7	36	50	75	23	27			22	22	03			24	W	15.4	R	31.94			650	30	
20	08	67	19.3	SB	SHS7	36	50	75	35	17			22	22	06			0	C	22.85	R	29.80			650	20	
20	08	67	19.3	SB	SHS7	36	50	75	35	17			22	22	06			3	W	23.1	R	29.79			650	20	
20	08	67	19.3	SB	SHS7	36	50	75	35	17			22	22	06			6	W	22.2	R	29.98			650	20	
20	08	67	19.3	SB	SHS7	36	50	75	35	17			22	22	06			9	C	20.85	R	30.90			650	20	
20	08	67	19.3	SB	SHS7	36	50	75	35	17			22	22	06			12	W	19.3	R	31.30			650	20	
20	08	67	19.3	SB	SHS7	36	50	75	35	17			22	22	06			15	W	18.2	R	31.41			650	20	
20	08	67	20.6	SB	SHS7	36	50	75	47	17			22	21	08			0	C	22.32	R	29.80			650	10	
20	08	67	20.6	SB	SHS7	36	50	75	47	17			22	21	08			3	W	23.1	R	29.80			650	10	
20	08	67	20.6	SB	SHS7	36	50	75	47	17			22	21	08			6	W	22.0	R	29.85			650	10	
20	08	67	20.6	SB	SHS7	36	50	75	47	17			22	21	08			9	C	20.44	R	30.40			650	10	
20	08	67	20.6	SB	SHS7	36	50	75	47	17			22	21	08			12	W	19.6	R	30.91			650	10	
20	08	67	20.6	SB	SHS7	36	50	75	47	17			22	21	08			15	W	19.4	R	31.14			650	10	
20	08	67	22.3	SB	SHS7	37	00	76	00	11			23	21	04			0	C	23.15	R	25.94			C	B0	
20	08	67	22.3	SB	SHS7	37	00	76	00	11			23	21	04			3	W	23.1	R	26.69			C	B0	
20	08	67	22.3	SB	SHS7	37	00	76	00	11			23	21	04			6	W	22.1	R	28.25			C	B0	
20	08	67	22.3	SB	SHS7	37	00	76	00	11			23	21	04			9	C	22.03	R	28.39			C	B0	

SHS 7A-67 28 and 29 August 1967

Stations Sampled

700-50	702-67	705-50	710-50
700-55		705-55	710-55
700-60		705-60	710-60
700-67		705-65	710-65
		705-69	710-70

Sampling Sequence

Date	Time	Station	Date	Time	Station
28 Aug.	18.2	710-50	29 Aug.	06.7	705-69
	19.4	710-55		08.2	705-65
	20.0	710-60		08.9	705-60
	21.3	710-65		10.2	705-55
	22.3	710-70		10.9	705-50
				11.9	700-50
				12.8	700-55
				13.3	700-60
				14.7	700-67
				16.5	702-67

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		0	O	24.03	R	30.94	710	50
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		3	W	24.00	R	30.92	710	50
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		6	W	23.80	R	30.91	710	50
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		9	O	23.42	R	31.36	710	50
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		12	W	20.50	R	31.08	710	50
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		15	W	15.20	R	31.64	710	50
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		18	W	11.70	R	31.46	710	50
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		21	W	09.40	R	31.94	710	50
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		24	W	08.30	R	32.10	710	50
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		27	W	07.80	R	32.21	710	50
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		30	W	07.80	R	32.30	710	50
28	08	67	18.2	RR	SH7A	37	100	74	575	42			28	04		35			R	32.36	710	50
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		0	O	23.90	R	31.04	710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		3	W	23.90			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		6	W	23.70			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		9	O	22.60			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		12	W	21.70			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		15	W	17.70			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		18	W	12.90			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		21	W	08.00			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		24	W	07.50			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		27	W	07.00			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		30	W	06.90			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		35	W	06.60			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		40	W	06.40			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		45	W	06.30			710	55
28	08	67	19.4	RR	SH7A	37	100	74	511	52			28	04		50	W	06.20			710	55
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		0	O	24.23	R	31.28	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		3	W	24.40	R	31.22	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		6	W	24.20	R	31.19	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		9	O	22.06	R	31.66	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		12	W	19.30	R	32.70	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		15	W	09.50	R	32.66	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		18	W	07.50	R	32.35	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		21	W	07.00	R	32.28	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		24	W	06.50	R	32.32	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		27	W	06.00	R	32.35	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		30	W	06.30	R	32.39	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		35	W	06.20	R	32.38	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		40	W	06.10			710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		45	W	06.10	R	32.45	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		50	W	06.00	R	32.47	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		55	W	05.90	R	32.49	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		60	W	06.00	R	32.51	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		65	W	06.60	R	32.55	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		70	W	07.80	R	33.03	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		75	W	10.00	R	33.69	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		80	W	10.30	R	34.44	710	60
28	08	67	20.0	RR	SH7A	37	100	74	450	87			28	05		85	W	10.70	R	34.82	710	60
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		0	W	24.3	R	30.95	710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		3	W	24.3			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		6	W	23.3			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		9	W	24.1			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		12	W	23.6			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		15	W	18.4			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		18	W	19.2			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		21	W	14.4			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		24	W	12.5			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		27	W	11.6			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		30	W	12.0			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		35	W	12.8			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		40	W	12.2			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		45	W	11.2			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		50	W	09.8			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		55	W	09.6			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		60	W	08.5			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		65	W	08.5			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		70	W	09.6			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		75	W	10.0			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		80	W	10.1			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		85	W	10.4			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		90	W	10.6			710	65
28	08	67	21.3	RR	SH7A	37	100	74	386	95			28	04		95	W	10.8			710	65

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		0	C	24.87	R	31.57	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		3	W	25.00	R	31.51	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		6	W	25.00	R	31.82	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		9	C	24.86	R	32.97	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		12	W	23.65	R	34.12	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		15	W	22.85	R	34.49	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		18	W	22.00	R	34.67	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		21	W	19.00	R	34.74	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		24	W	13.50	R	34.18	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		27	W	12.50	R	34.02	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		30	W	11.75	R	33.93	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		35	W	10.30	R	33.79	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		40	W	10.30	R	33.84	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		45	W	09.60	R	33.96	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		50	W	08.75			710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		55	W	08.70	R	34.00	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		60	W	09.20	R	34.14	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		65	W	09.70	R	34.34	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		70	W	10.00	R	34.50	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		75	W	10.10	R	31.57	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		80	W	10.40	R	34.63	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		90	W	10.60	R	34.78	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		100	W	11.40	R	34.97	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		115	W	12.50	R	35.54	710	70
28	08	67	22.3	RR	SH7A	37	100	74	321	190			28	03		130	W	12.00	R	35.48	710	70
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		0	C	24.53	R	31.63	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		3	W	24.65	R	31.67	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		6	W	24.85	R	31.65	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		9	C	24.72	R	32.80	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		12	W	24.35	R	33.78	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		15	W	23.90	R	34.10	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		18	W	21.30	R	34.15	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		21	W	18.10	R	34.06	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		24	W	15.65	R	34.06	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		27	W	13.30	R	33.89	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		30	W	13.50	R	33.91	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		35	W	11.30	R	33.73	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		40	W	10.00	R	33.68	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		45	W	08.80	R	33.60	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180			31	03		50	W	08.10	R	33.52	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180						55	W	08.50	R	33.57	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180						60	W	09.50	R	33.89	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180						65	W	10.50	R	34.18	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180						70	W	10.85	R	34.39	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180						75	W	11.20	R	34.69	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180						80	W	11.30	R	34.88	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180						90	W	11.80	R	35.11	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180						100	W	12.20	R	35.36	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180						115	W	12.30	R	35.45	705	69
29	08	67	06.7	RR	SH7A	37	050	74	339	180						130	W	12.30	R	35.48	705	69
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		0	C	24.06	R	31.05	705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		3	W	24.00			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		6	W	24.00			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		9	C	23.99			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		12	W	17.30			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		15	W	11.80			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		18	W	08.50			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		21	W	07.10			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		24	W	06.70			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		27	W	05.90			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		30	W	05.70			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		35	W	05.50			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		40	W	05.50			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		45	W	05.60			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		50	W	07.00			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		55	W	08.65			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		60	W	08.60			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		65	W	09.75			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		70	W	10.00			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		75	W	10.40			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		80	W	10.45			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		90	W	10.90			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180			31	02		100	W	11.30			705	65

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
29	08	67	08.2	RR	SH7A	37	050	74	386	180				31	02			115	W	12.20			705	65
29	08	67	08.2	RR	SH7A	37	050	74	386	180				31	02			130	W	12.20			705	65
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			0	O	24.52	R	31.05	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			3	W	24.50	R	31.07	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			6	W	24.50	R	31.09	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			9	O	23.32	R	31.19	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			12	W	21.50	R	31.98	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			15	W	14.20	R	32.40	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			18	W	11.20	R	32.54	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			21	W	07.80	R	32.61	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			24	W	07.00	R	32.39	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			27	W	06.90	R	32.35	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			30	W	06.80	R	32.36	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			35	W	06.60	R	32.42	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			40	W	06.50	R	32.44	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			45	W	06.30	R	32.51	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			50	W	06.20	R	32.55	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			55	W	06.50	R	32.60	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			60	W	06.50	R	32.62	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			65	W	08.50	R	32.95	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			70	W	10.40	R	33.91	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			75	W	11.20	R	34.72	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			80	W	11.40	R	34.96	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			90	W	11.80	R	35.28	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			100	W	12.40	R	35.33	705	60
29	08	67	08.9	RR	SH7A	37	050	74	450	180				29	02			115	W	12.40	R	35.37	705	60
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			0	O	24.31	R	31.12	705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			3	W	24.10			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			6	W	21.30			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			9	O	19.30			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			12	W	20.40			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			15	W	12.20			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			18	W	11.40			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			21	W	09.80			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			24	W	08.70			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			27	W	07.50			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			30	W	06.80			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			35	W	06.80			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			40	W	06.90			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			45	W	06.90			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			50	W	06.90			705	55
29	08	67	10.2	RR	SH7A	37	050	74	511	58				29	02			55	W	06.90			705	55
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			0	O	23.95	R	31.02	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			3	W	23.70	R	31.02	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			6	W	21.90	R	31.13	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			9	W	18.20	R	31.21	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			12	W	17.20	R	31.33	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			15	W	11.45	R	31.73	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			18	W	09.75	R	31.99	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			21	W	09.20	R	32.09	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			24	W	09.10	R	32.22	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			27	W	09.40	R	32.21	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			30	W	08.70	R	32.36	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			35	W	06.80	R	32.44	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			40	W	06.70	R	32.50	705	50
29	08	67	10.9	RR	SH7A	37	050	74	575	47				30	03			45	W	06.70	R	32.48	705	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			0	O	24.55	R	31.26	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			3	W	24.80	R	31.21	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			6	W	24.70	R	31.18	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			9	O	24.05	R	31.20	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			12	W	21.00	R	31.50	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			15	W	16.90	R	31.89	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			18	W	15.20	R	32.20	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			21	W	13.20	R	32.33	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			24	W	11.00	R	32.32	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			27	W	09.65	R	32.29	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			30	W	09.20	R	32.36	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			35	W	07.45	R	32.45	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			40	W	06.75	R	32.50	700	50
29	08	67	11.9	RR	SH7A	37	000	74	575	46				30	03			45	W	06.75	R	32.51	700	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			0	D	24.66	R	31.15	700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			3	W	24.50			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			6	W	22.00			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			9	D	22.25			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			12	W	20.70			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			15	W	14.20			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			18	W	11.10			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			21	W	09.70			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			24	W	08.90			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			27	W	07.40			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			30	W	07.80			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			35	W	06.45			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			40	W	05.90			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			45	W	05.80			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			50	W	05.70			700	55
29	08	67	12.8	RR	SH7A	37	000	74	511	57				30	03			55	W	05.60			700	55
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			0	D	24.76	R	31.14	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			3	W	24.79	R	31.12	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			6	W	24.75	R	31.12	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			9	D	22.00	R	31.16	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			12	W	16.75	R	31.25	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			15	W	10.95	R	32.34	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			18	W	07.55	R	32.47	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			21	W	07.25	R	32.42	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			24	W	07.10	R	32.35	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			27	W	07.00	R	32.40	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			30	W	07.00	R	32.42	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			35	W	06.95	R	32.42	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			40	W	06.90	R	32.47	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			45	W	06.80	R	31.12	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			50	W	06.75	R	32.52	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			55	W	06.50	R	32.57	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			60	W	06.40	R	32.64	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			65	W	06.50	R	32.69	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			70	W	06.60	R	32.75	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			75	W	07.25	R	32.83	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			80	W	09.00	R	33.41	700	60
29	08	67	13.3	RR	SH7A	37	000	74	450	89				31	03			85	W	10.75	R	34.13	700	60
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			0	D	25.10	R	31.16	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			3	W	24.50			700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			6	W	24.40	R	31.31	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			9	D	24.26	R	32.31	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			12	W	23.35	R	33.82	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			15	W	15.25	R	33.76	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			18	W	10.55	R	33.00	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			21	W	11.00	R	32.54	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			24	W	11.70	R	32.51	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			27	W	11.25	R	32.76	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			30	W	09.65	R	33.33	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			35	W	07.85	R	33.87	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			40	W	11.25	R	33.86	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			45	W	09.35	R	33.68	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			50	W	09.25	R	33.61	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			55	W	10.35	R	33.86	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			60	W	10.10	R	33.91	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			65	W	09.90	R	34.11	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			70	W	10.00	R	34.29	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			75	W	10.25	R	34.43	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			80	W	10.50	R	34.50	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			90	W	12.10	R	34.91	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			100	W	12.65	R	35.26	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			115	W	12.15	R	35.52	700	67
29	08	67	14.7	RR	SH7A	37	000	74	370	180				30	03			130	W	11.75	R	35.46	700	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			0	D	24.32	R	31.05	702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			3	W	24.75			702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			6	W	24.85			702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			9	D	24.75			702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			12	W	23.80			702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			15	W	21.10			702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			18	W	19.10			702	67

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			21	W	17.80				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			24	W	15.90				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			27	W	11.05				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			30	W	11.00				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			35	W	11.75				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			40	W	12.05				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			45	W	10.05				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			50	W	08.85				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			55	W	08.10				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			60	W	08.40				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			65	W	08.65				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			70	W	09.90				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			75	W	11.25				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			80	W	11.55				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			90	W	11.75				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			100	W	11.80				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			115	W	11.70				702	67
29	08	67	16.5	RR	SH7A	37	020	74	365	920				24	03			130	W	11.50				702	67

SHS 8-67 26, 27, 28 September 1967

and 2 & 3 October 1967

Stations Sampled

640-05	650-03	700-00(CBO)	710-10
640-10	650-10	700-05	710-15
640-20	650-20	700-10	710-20
640-30	650-30	700-20	710-30
640-40	650-40	700-30	710-40
640-50	650-50	700-40	710-48
640-62	650-60	700-50	710-50
	650-65	700-60	710-65
645-03		700-61	710-70
	655-03	700-66	
		705-08	

Sampling Sequence

Date	Time	Station
26 Sept.	15.8	655-03
	16.6	650-03
	17.3	645-03
	17.9	640-05
	18.6	640-10
	21.1	640-20
27 Sept.	05.7	640-30
	07.0	640-40
	08.4	640-50
	10.1	640-62
	12.3	650-65
	13.7	650-60
	15.2	650-50
	16.7	650-40
	18.0	650-30
	19.5	650-20
	20.7	650-10
28 Sept.	06.6	700-10

Date	Time	Station
2 Oct.	10.2	705-08
	10.6	710-10
	11.5	710-15
	12.0	710-20
	13.2	710-30
	14.6	710-40
	16.0	710-50
	17.5	710-48
	18.7	710-65
	19.2	710-70
3 Oct.	06.1	700-66
	07.5	700-61
	07.9	700-60
	09.0	700-50
	10.8	700-40
	12.2	700-30
	13.4	700-20
	15.0	700-10
	15.6	700-05
	16.3	700-00(CBO)

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
26	09	67	15.8	SB	SH08	36	55	75	57	11			21	16	05			0	C	20.12	R	25.40		655	03
26	09	67	15.8	SB	SH08	36	55	75	57	11			21	16	05			3	W	20.10	R	25.52		655	03
26	09	67	15.8	SB	SH08	36	55	75	57	11			21	16	05			6	W	19.90	R	27.95		655	03
26	09	67	15.8	SB	SH08	36	55	75	57	11			21	16	05			9	C	19.89	R	28.92		655	03
26	09	67	16.6	SB	SH08	36	50	75	56	12			19	16	07			0	C	20.27	R	25.77		650	03
26	09	67	16.6	SB	SH08	36	50	75	56	12			19	16	07			3	W	20.30	R	25.76		650	03
26	09	67	16.6	SB	SH08	36	50	75	56	12			19	16	07			6	W	19.90	R	26.22		650	03
26	09	67	16.6	SB	SH08	36	50	75	56	12			19	16	07			9	C	19.88	R	28.74		650	03
26	09	67	16.6	SB	SH08	36	50	75	56	12			19	16	07			12	W	19.90	R	29.41		650	03
26	09	67	17.3	SB	SH08	36	45	75	34	13			21	16	07			0	C	20.12	R	26.26		645	3
26	09	67	17.3	SB	SH08	36	45	75	34	13			21	16	07			3	W	20.00	R	26.21		645	3
26	09	67	17.3	SB	SH08	36	45	75	34	13			21	16	07			6	W	19.90	R	27.71		645	3
26	09	67	17.3	SB	SH08	36	45	75	34	13			21	16	07			9	C	19.86	R	28.29		645	3
26	09	67	17.3	SB	SH08	36	45	75	34	13			21	16	07			12	W	19.70	R	28.67		645	3
26	09	67	17.9	SB	SH08	36	40	75	53	13			20	17	05			0	C	20.12	R	26.21		640	05
26	09	67	17.9	SB	SH08	36	40	75	53	13			20	17	05			3	W	20.00	R	26.23		640	05
26	09	67	17.9	SB	SH08	36	40	75	53	13			20	17	05			6	W	19.90	R	26.78		640	05
26	09	67	17.9	SB	SH08	36	40	75	53	13			20	17	05			9	W	19.80	R	28.22		640	05
26	09	67	17.9	SB	SH08	36	40	75	53	13			20	17	05			12	C	19.81	R	28.57		640	05
26	09	67	18.6	SB	SH08	36	40	75	47	18			20	17	05			0	C	19.99	R	28.24		640	10
26	09	67	18.6	SB	SH08	36	40	75	47	18			20	17	05			3	W	20.00	R	28.24		640	10
26	09	67	18.6	SB	SH08	36	40	75	47	18			20	17	05			6	W	20.00	R	28.93		640	10
26	09	67	18.6	SB	SH08	36	40	75	47	18			20	17	05			9	C	19.98	R	29.22		640	10
26	09	67	18.6	SB	SH08	36	40	75	47	18			20	17	05			12	W	20.00	R	29.90		640	10
26	09	67	18.6	SB	SH08	36	40	75	47	18			20	17	05			15	W	20.00	R	30.21		640	10
26	09	67	18.6	SB	SH08	36	40	75	47	18			20	17	05			18	W	20.00	R	30.38		640	10
26	09	67	21.1	SB	SH08	36	40	75	35	19			20	17	05			0	C	20.02	R	30.41		640	20
26	09	67	21.1	SB	SH08	36	40	75	35	19			20	17	05			3	W	20.00	R	30.39		640	20
26	09	67	21.1	SB	SH08	36	40	75	35	19			20	17	05			6	W	20.00	R	30.40		640	20
26	09	67	21.1	SB	SH08	36	40	75	35	19			20	17	05			9	C	20.02	R	30.45		640	20
26	09	67	21.1	SB	SH08	36	40	75	35	19			20	17	05			12	W	19.90	R	30.46		640	20
26	09	67	21.1	SB	SH08	36	40	75	35	19			20	17	05			15	W	19.80	R	30.53		640	20
26	09	67	21.1	SB	SH08	36	40	75	35	19			20	17	05			18	W	19.70	R	30.58		640	20
27	09	67	05.7	SB	SH08	36	40	75	23	19			19	18	02			0	C	19.29	R	31.00		640	30
27	09	67	05.7	SB	SH08	36	40	75	23	19			19	18	02			3	W	19.30	R	30.97		640	30
27	09	67	05.7	SB	SH08	36	40	75	23	19			19	18	02			6	W	19.30	R	30.97		640	30
27	09	67	05.7	SB	SH08	36	40	75	23	19			19	18	02			9	C	19.29	R	30.98		640	30
27	09	67	05.7	SB	SH08	36	40	75	23	19			19	18	02			12	W	19.20	R	30.97		640	30
27	09	67	05.7	SB	SH08	36	40	75	23	19			19	18	02			15	W	19.10	R	30.98		640	30
27	09	67	05.7	SB	SH08	36	40	75	23	19			19	18	02			18	W	19.00	R	31.00		640	30
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			0	C	18.98	R	31.28		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			3	W	18.95	R	31.25		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			6	W	18.90	R	31.24		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			9	C	18.90	R	31.26		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			12	W	18.70	R	31.26		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			15	W	18.60	R	31.27		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			18	W	18.50	R	31.29		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			21	W	18.40	R	31.32		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			24	W	18.30	R	31.35		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			27	W	16.50	R	31.45		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			30	W	16.10	R	32.04		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			33	W	15.80	R	32.34		640	40
27	09	67	07.0	SB	SH08	36	40	75	10	37			20	18	01			36			R	32.39		640	40
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			0	C	19.33	R	30.98		640	50
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			3	W	18.60	R	30.95		640	50
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			6	W	18.00	R	31.12		640	50
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			9	C	18.44	R	31.77		640	50
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			12	W	17.00	R	32.08		640	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			15	W	16.90	R	32.24			640	50
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			18	W	16.00	R	32.34			640	50
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			21	W	15.10	R	32.34			640	50
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			24	W	15.10	R	32.51			640	50
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			27	W	15.10	R	32.90			640	50
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			30			R	33.13			640	50
27	09	67	08.4	SB	SH08	36	40	74	58	33			23	17	03			33			R	33.25			640	50
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			0	C	21.03	R	34.12			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			3	W	20.90	R	34.17			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			6	W	19.60	R	34.19			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			9	C	19.59	R	34.20			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			12	W	18.20	R	34.10			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			15	W	18.70	R	34.09			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			18	W	18.70	R	34.34			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			21	W	18.30	R	34.18			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			24	W	17.60	R	35.06			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			27	W	16.90	R	34.23			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			30	W	14.00	R	34.03			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			35	W	16.10	R	33.83			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			40	W	16.40	R	34.48			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			45	W	15.70	R	35.12			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			50	W	14.70	R	35.30			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			55	W	13.50	R	35.30			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			60	W	12.90	R	35.08			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			65	W	13.70	R	34.93			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			70	W	14.00	R	35.25			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			75	W	14.50	R	35.45			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			78	W	15.20	R	35.52			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			90	W	14.50	R	36.02			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			100	W	14.50	R	35.87			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			110	W	13.60	R	36.00			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			120	W	13.00	R	35.61			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			130	W	12.70	R	35.56			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			145	W	12.20	R	35.51			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			160	W	11.50	R	35.46			640	62
27	09	67	10.1	SB	SH08	36	40	74	42	210			24		03			180	W	10.70	R	35.42			640	62
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			0	C	17.50	R	33.04			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			3	W	17.30	R	33.01			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			6	W	16.70	R	32.98			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			9	C	16.03	R	33.03			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			12	W	16.00	R	33.05			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			15	W	16.50	R	32.99			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			18	W	16.70	R	33.03			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			21	W	16.70	R	33.42			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			24	W	16.40	R	33.64			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			27	W	16.30	R	33.66			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			30			R	33.67			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			35			R	33.53			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			40			R	33.42			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			45			R	33.17			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			50			R	33.37			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			55			R	33.09			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			60			R	33.01			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			65			R	32.95			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			70			R	32.96			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			75			R	33.08			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			80			R	33.56			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			90			R	34.81			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			100			R	35.56			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			111			R	35.84			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			120			R	35.60			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			130			R	35.59			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			145			R	35.48			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			158			R	35.41			650	65
27	09	67	12.3	SB	SH08	36	50	74	39	180			23	17	03			158			R	35.41			650	65
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			0	C	19.80	R	34.24			650	60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			3	W	18.80	R	34.22			650	60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			6	W	18.80	R	34.19			650	60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			9	C	18.88	R	34.26			650	60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			12	W	18.90	R	34.30			650	60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			15	W	18.90	R	34.34			650	60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			18	W	17.10	R	34.32			650	60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			21	W	15.50	R	34.15			650	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			24	W	14.90	R	33.86		650 60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			27	W	14.30	R	33.75		650 60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			30	W	12.60	R	33.67		650 60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			35	W	12.30	R	33.24		650 60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			40	W	10.90	R	33.28		650 60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			45	W	10.00	R	33.17		650 60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			50	W	09.20	R	33.07		650 60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			55	W	09.30	R	33.46		650 60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			60	W	10.10	R	33.46		650 60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			65	W	10.80	R	33.78		650 60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			70	W	11.40	R	33.96		650 60
27	09	67	13.7	SB	SH08	36	50	74	45	76			24	17	01			75	W	12.50	R	34.45		650 60
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			0	C	19.02	R	31.91		650 50
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			3	W	17.90	R	32.01		650 50
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			6	W	17.30	R	32.15		650 50
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			9	C	17.13	R	32.39		650 50
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			12	W	16.50	R	32.50		650 50
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			15	W	15.40	R	32.91		650 50
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			18	W	15.20	R	32.99		650 50
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			21	W	15.20	R	33.05		650 50
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			24	W	14.40	R	33.01		650 50
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			27	W	14.30	R	32.96		650 50
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			30	W	14.30	R	32.95		650 50
27	09	67	15.2	SB	SH08	36	50	74	58	35			23		00			35	W	14.20	R	32.96		650 50
27	09	67	16.7	SB	SH08	36	50	75	10	28			23	0	00			0	C	19.53	R	31.31		650 40
27	09	67	16.7	SB	SH08	36	50	75	10	28			23	0	00			3	W	19.50	R	31.56		650 40
27	09	67	16.7	SB	SH08	36	50	75	10	28			23	0	00			6	W	17.20	R	31.91		650 40
27	09	67	16.7	SB	SH08	36	50	75	10	28			23	0	00			9	C	17.15	R	31.96		650 40
27	09	67	16.7	SB	SH08	36	50	75	10	28			23	0	00			12	W	17.10	R	32.04		650 40
27	09	67	16.7	SB	SH08	36	50	75	10	28			23	0	00			15	W	17.10	R	32.10		650 40
27	09	67	16.7	SB	SH08	36	50	75	10	28			23	0	00			18	W	17.00	R	32.28		650 40
27	09	67	16.7	SB	SH08	36	50	75	10	28			23	0	00			21	W	15.60	R	32.62		650 40
27	09	67	16.7	SB	SH08	36	50	75	10	28			23	0	00			24	W	15.20	R	32.77		650 40
27	09	67	18.0	SB	SH08	36	50	75	23	26			21	13	06			0	C	20.00	R	30.95		650 30
27	09	67	18.0	SB	SH08	36	50	75	23	26			21	13	06			3	W	20.00	R	30.88		650 30
27	09	67	18.0	SB	SH08	36	50	75	23	26			21	13	06			6	W	19.90	R	30.88		650 30
27	09	67	18.0	SB	SH08	36	50	75	23	26			21	13	06			9	C	19.57	R	30.84		650 30
27	09	67	18.0	SB	SH08	36	50	75	23	26			21	13	06			12	W	19.50	R	30.83		650 30
27	09	67	18.0	SB	SH08	36	50	75	23	26			21	13	06			15	W	19.00	R	30.96		650 30
27	09	67	18.0	SB	SH08	36	50	75	23	26			21	13	06			18	W	18.30	R	31.45		650 30
27	09	67	18.0	SB	SH08	36	50	75	23	26			21	13	06			21	W	17.60	R	31.65		650 30
27	09	67	18.0	SB	SH08	36	50	75	23	26			21	13	06			24	W	15.90	R	31.86		650 30
27	09	67	19.5	SB	SH08	36	50	75	35	17			21	13	04			0	C	20.25	R	29.96		650 20
27	09	67	19.5	SB	SH08	36	50	75	35	17			21	13	04			3	W	20.25	R	29.95		650 20
27	09	67	19.5	SB	SH08	36	50	75	35	17			21	13	04			6	W	20.10	R	29.94		650 20
27	09	67	19.5	SB	SH08	36	50	75	35	17			21	13	04			9	C	19.97	R	30.11		650 20
27	09	67	19.5	SB	SH08	36	50	75	35	17			21	13	04			12	W	19.86	R	30.43		650 20
27	09	67	19.5	SB	SH08	36	50	75	35	17			21	13	04			15	W	19.60	R	30.61		650 20
27	09	67	20.7	SB	SH08	36	50	75	47	20			22	13	05			0	C	20.36	R	27.54		650 10
27	09	67	20.7	SB	SH08	36	50	75	47	20			22	13	05			3	W	20.30	R	27.47		650 10
27	09	67	20.7	SB	SH08	36	50	75	47	20			22	13	05			6	W	20.00	R	29.26		650 10
27	09	67	20.7	SB	SH08	36	50	75	47	20			22	13	05			9	C	19.97	R	29.16		650 10
27	09	67	20.7	SB	SH08	36	50	75	47	20			22	13	05			12	W	20.00	R	30.20		650 10
27	09	67	20.7	SB	SH08	36	50	75	47	20			22	13	05			15	W	19.80	R	30.43		650 10
27	09	67	20.7	SB	SH08	36	50	75	47	20			22	13	05			18	W	19.70	R	30.47		650 10
28	09	67	06.6	SB	SH08	37	00	75	47	14			21	13	07			0	C	20.16	R	28.40		700 10
28	09	67	06.6	SB	SH08	37	00	75	47	14			21	13	07			3	W	20.10	R	28.40		700 10
28	09	67	06.6	SB	SH08	37	00	75	47	14			21	13	07			6	W	20.00	R	28.40		700 10
28	09	67	06.6	SB	SH08	37	00	75	47	14			21	13	07			9	C	19.89	R	29.69		700 10
28	09	67	06.6	SB	SH08	37	00	75	47	14			21	13	07			12	W	19.80	R	30.02		700 10
02	10	67	10.2	SB	SH08	37	05	75	50	09			19	04	04			0	C	19.46	R	29.94		705 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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
02	10	67	10.2	SB	SH08	37	05	75	50	09			19	04	04			3	W	19.40	R	29.45	705	08
02	10	67	10.2	SB	SH08	37	05	75	50	09			19	04	04			6	W	19.40	R	29.95	705	08
02	10	67	10.2	SB	SH08	37	05	75	50	09			19	04	04			9	C	19.34			705	08
02	10	67	10.6	SB	SH08	37	10	75	47	09			19	05	01			0	C	19.10	R	30.54	710	10
02	10	67	10.6	SB	SH08	37	10	75	47	09			19	05	01			3	W	19.00	R	30.53	710	10
02	10	67	10.6	SB	SH08	37	10	75	47	09			19	05	01			6	W	18.90	R	30.54	710	10
02	10	67	10.6	SB	SH08	37	10	75	47	09			19	05	01			9	C	18.93			710	10
02	10	67	11.5	SB	SH08	37	10	75	41	13			19	04	03			0	C	19.38	R	29.94	710	15
02	10	67	11.5	SB	SH08	37	10	75	41	13			19	04	03			3	W	19.30	R	29.95	710	15
02	10	67	11.5	SB	SH08	37	10	75	41	13			19	04	03			6	W	19.20	R	30.01	710	15
02	10	67	11.5	SB	SH08	37	10	75	41	13			19	04	03			9	C	18.70	R	30.57	710	15
02	10	67	11.5	SB	SH08	37	10	75	41	13			19	04	03			12	W	18.70	R	30.82	710	15
02	10	67	12.0	SB	SH08	37	10	75	35	20			19	04	01			0	C	19.49	R	30.10	710	20
02	10	67	12.0	SB	SH08	37	10	75	35	20			19	04	01			3	W	19.50	R	30.08	710	20
02	10	67	12.0	SB	SH08	37	10	75	35	20			19	04	01			6	W	19.40	R	30.06	710	20
02	10	67	12.0	SB	SH08	37	10	75	35	20			19	04	01			9	C	19.32	R	30.30	710	20
02	10	67	12.0	SB	SH08	37	10	75	35	20			19	04	01			12	W	18.40	R	30.77	710	20
02	10	67	12.0	SB	SH08	37	10	75	35	20			19	04	01			15	W	18.40	R	31.13	710	20
02	10	67	12.0	SB	SH08	37	10	75	35	20			19	04	01			18	W	18.40	R	31.22	710	20
02	10	67	13.2	SB	SH08	37	10	75	23	28			2		00			0	C	19.81	R	30.56	710	30
02	10	67	13.2	SB	SH08	37	10	75	23	28			2		00			3	W	19.60	R	30.57	710	30
02	10	67	13.2	SB	SH08	37	10	75	23	28			2		00			6	W	19.40	R	30.61	710	30
02	10	67	13.2	SB	SH08	37	10	75	23	28			2		00			9	C	19.37	R	30.61	710	30
02	10	67	13.2	SB	SH08	37	10	75	23	28			2		00			12	W	19.40	R	30.65	710	30
02	10	67	13.2	SB	SH08	37	10	75	23	28			2		00			15	W	19.50	R	30.68	710	30
02	10	67	13.2	SB	SH08	37	10	75	23	28			2		00			18	W	17.70	R	31.03	710	30
02	10	67	13.2	SB	SH08	37	10	75	23	28			2		00			21	W	17.70	R	32.07	710	30
02	10	67	13.2	SB	SH08	37	10	75	23	28			2		00			24	W	16.80	R	32.62	710	30
02	10	67	13.2	SB	SH08	37	10	75	23	28			2		00			27	W	17.50	R	33.01	710	30
02	10	67	14.6	SB	SH08	37	10	75	10	33			20	20	00			0	C	19.23	R	31.13	710	40
02	10	67	14.6	SB	SH08	37	10	75	10	33			20	20	00			3	W	19.10	R	31.05	710	40
02	10	67	14.6	SB	SH08	37	10	75	10	33			20	20	00			6	W	19.10	R	31.05	710	40
02	10	67	14.6	SB	SH08	37	10	75	10	33			20	20	00			9	C	18.97	R	31.07	710	40
02	10	67	14.6	SB	SH08	37	10	75	10	33			20	20	00			12	W	18.50	R	31.33	710	40
02	10	67	14.6	SB	SH08	37	10	75	10	33			20	20	00			15	W	18.00	R	31.46	710	40
02	10	67	14.6	SB	SH08	37	10	75	10	33			20	20	00			18	W	17.60	R	31.69	710	40
02	10	67	14.6	SB	SH08	37	10	75	10	33			20	20	00			21	W	17.20	R	31.81	710	40
02	10	67	14.6	SB	SH08	37	10	75	10	33			20	20	00			24	W	17.80	R	32.19	710	40
02	10	67	14.6	SB	SH08	37	10	75	10	33			20	20	00			27	W	17.90	R	33.07	710	40
02	10	67	14.6	SB	SH08	37	10	75	10	33			20	20	00			30	W	17.90	R	33.68	710	40
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			0	C	18.92	R	31.33	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			3	W	18.60	R	31.30	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			6	W	18.20	R	31.33	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			9	C	18.43	R	31.43	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			12	W	18.10	R	31.43	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			15	W	17.80	R	31.45	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			18	W	17.00	R	31.09	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			21	W	16.10	R	32.09	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			24	W	15.40	R	32.29	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			27	W	11.10	R	32.51	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			30	W	10.70	R	33.13	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			35	W	10.50	R	33.29	710	50
02	10	67	16.0	SB	SH08	37	10	74	58	41			20		00			40	W	10.50	R	33.32	710	50
02	10	67	17.5	SB	SH08	37	10	75	00	78			17	20	01			0	C	18.43	R	32.34	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78			17	20	01			3	W	18.50	R	32.35	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78			17	20	01			6	W	18.40	R	32.36	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78			17	20	01			9	C	18.27	R	32.39	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78			17	20	01			12	W	16.60	R	32.51	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78			17	20	01			15	W	17.20	R	32.95	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78			17	20	01			18	W	18.00	R	33.51	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78			17	20	01			21	W	16.80	R	33.87	710	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		24	W	16.30	R	33.82	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		27	W	16.00	R	33.82	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		30	W	13.70	R	33.83	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		35	W	12.00	R	33.68	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		40	W	10.60	R	33.52	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		45	W	9.46	R	33.41	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		50	W	10.10	R	33.87	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		55	W	10.20	R	34.05	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		60	W	10.80	R	34.46	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		65	W	11.40	R	34.91	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		70	W	11.30	R	35.00	710	48
02	10	67	17.5	SB	SH08	37	10	75	00	78		17	20	01		75	W	11.10	R	35.00	710	48
02	10	67	18.7	SB	SH08	37	10	74	39	95						0	C	18.04			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						5	W	18.00			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						10	W	17.40			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						15	W	15.30			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						20	W	15.60			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						25	W	15.60			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						30	W	15.60			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						35	W	12.50			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						40	W	10.30			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						45	W	9.40			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						50	W	9.40			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						55	W	9.80			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						60	W	10.20			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						65	W	10.00			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						70	W	10.20			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						75	W	10.10			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						80	W	10.70			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						85	W	10.70			710	65
02	10	67	18.7	SB	SH08	37	10	74	39	95						90	W	10.80			710	65
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		0	C	17.10	R	32.54	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		3	W	18.56	R	32.67	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		6	W	18.90	R	33.29	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		9	C	19.04	R	33.80	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		12	W	19.10	R	34.03	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		15	W	19.20	R	34.10	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		18	W	19.20	R	34.18	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		21	W	19.00	R	34.26	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		24	W	16.60	R	34.38	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		27	W	17.60	R	34.03	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		30	W	17.00	R	34.19	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		35	W	13.20	R	33.75	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		40	W	16.40	R	34.14	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		45	W	15.40	R	34.74	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		50	W	9.75	R	35.01	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		55	W	8.70	R	34.66	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		60	W	9.00	R	33.80	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		65	W	9.30	R	33.88	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		70	W	10.20	R	33.99	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		75	W	10.30	R	34.18	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		80	W	10.70	R	34.36	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		90	W	13.00	R	34.66	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		100	W	13.00	R	35.32	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		110	W	12.25	R	35.32	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		120	W	12.00	R	35.48	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		130	W	11.75	R	35.45	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		145	W	11.10	R	35.44	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		160	W	10.70	R	35.37	710	70
02	10	67	19.2	SB	SH08	37	10	74	33	180		17	22	01		180	W	9.20	R	35.24	710	70
02	10	67	20.8	SB	SH08	37	05	74	35	130						0	C	17.85			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						5	W	17.85			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						10	W	17.85			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						15	W	17.40			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						20	W	17.90			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						25	W	17.00			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						30	W	16.90			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						35	W	12.90			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						40	W	11.40			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						45	W	9.20			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						50	W	8.70			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						55	W	9.80			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130						60	W	9.70			705	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
02	10	67	20.8	SB	SH08	37	05	74	35	130								65	W	9.20			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								70	W	9.20			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								75	W	10.50			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								80	W	12.00			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								85	W	12.50			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								90	W	12.50			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								95	W	12.70			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								100	W	12.90			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								110	W	12.70			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								120	W	12.50			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								130	W	12.10			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								140	W	11.90			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								150	W	11.60			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								160	W	11.40			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								170	W	10.80			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								180	W	10.20			705	68
02	10	67	20.8	SB	SH08	37	05	74	35	130								190	W	10.20			705	68
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			0	D	17.71	R	31.84	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			3	W	17.90	R	31.85	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			6	W	17.80	R	31.88	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			9	D	17.78	R	31.95	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			12	W	18.50	R	32.04	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			15	W	17.70	R	32.66	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			18	W	17.70	R	33.25	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			21	W	17.00	R	33.67	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			24	W	15.70	R	33.69	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			27	W	15.70	R	33.61	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			30	W	11.00	R	33.60	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			35	W	9.70	R	33.60	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			40	W	9.60	R	33.43	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			45	W	8.90	R	33.27	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			50	W	9.10	R	33.27	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			55	W	9.30	R	33.48	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			60	W	10.20	R	33.79	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			65	W	11.20	R	33.80	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			70	W	11.30	R	34.49	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			75	W	11.50	R	34.73	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			80	W	11.75	R	34.78	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			90	W	12.00	R	35.00	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			100	W	11.60	R	35.39	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			110	W	11.20	R	35.45	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			120	W	11.00	R	35.45	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			130	W	10.80	R	35.41	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			145	W	10.40	R	35.36	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			160	W	9.80	R	35.35	700	66
03	10	67	06.1	SB	SH08	37	00	74	37	180			17		00			180	W	09.30	R	35.24	700	66
03	10	67	07.5	SB	SH08	37	00	74	44	85								0	D	18.17			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								10	W	18.10			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								15	W	17.80			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								20	W	16.90			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								25	W	18.80			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								30	W	19.50			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								35	W	18.50			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								40	W	14.90			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								45	W	11.50			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								50	W	09.60			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								55	W	10.80			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								60	W	11.20			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								65	W	11.30			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								70	W	11.30			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								75	W	11.30			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								80	W	11.30			700	61
03	10	67	07.5	SB	SH08	37	00	74	44	85								85	W	11.30			700	61
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			0	D	18.16	R	31.66	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			3	W	18.00	R	31.77	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			6	W	17.80	R	31.94	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			9	D	17.88	R	32.07	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			12	W	17.70	R	32.12	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			15	W	17.60	R	32.18	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			18	W	17.30	R	32.25	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			21	W	17.80	R	32.44	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			24	W	18.20	R	32.71	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			27	W	20.40	R	33.18	700	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			30	W	19.00	R	34.79	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			35	W	10.60	R	33.93	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			40	W	9.30	R	33.35	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			45	W	9.10	R	33.44	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			50	W	10.00	R	33.82	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			55	W	10.50	R	34.18	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			60	W	10.60	R	34.39	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			65	W	10.70	R	34.65	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			70	W	10.80	R	34.77	700	60
03	10	67	07.9	SB	SH08	37	00	74	45	77			19		00			75	W	10.90	R	34.85	700	60
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			0	C	18.22	R	32.10	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			3	W	18.20	R	32.18	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			6	W	18.20	R	32.28	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			9	C	18.21	R	32.40	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			12	W	18.40	R	32.89	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			15	W	18.60	R	33.24	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			18	W	18.70	R	33.57	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			21	W	19.20	R	33.89	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			24	W	17.30	R	33.89	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			27	W	15.50	R	33.87	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			30	W	14.75	R	33.83	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			35	W	11.20	R	33.75	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			40	W	10.70	R	33.69	700	50
03	10	67	09.0	SB	SH08	37	00	74	58	47			21	27	01			45			R	33.71	700	50
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			0	C	18.40	R	30.88	700	40
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			3	W	18.20	R	30.88	700	40
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			6	W	18.20	R	30.85	700	40
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			9	C	18.17	R	30.83	700	40
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			12	W	18.80	R	30.96	700	40
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			15	W	19.00	R	31.45	700	40
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			18	W	18.70	R	31.65	700	40
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			21	W	15.80	R	31.86	700	40
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			24	W	15.40	R	29.96	700	40
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			27	W	13.50	R	29.95	700	40
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			30			R	29.94	700	40
03	10	67	10.8	SB	SH08	37	00	75	10	39			20	27	01			35			R	30.11	700	40
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			0	C	19.39	R	31.26	700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			3	W	18.50	R	31.17	700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			6	W	18.50	R	31.46	700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			9	C	18.47	R	31.58	700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			12	W	18.40	R	31.57	700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			15	W	18.40	R	31.57	700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			18	W	18.30	R	31.90	700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			21	W	18.70	R	32.51	700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			24	W	19.10	R	33.28	700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			27	W	18.20	R	33.24	700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			0	C	19.39			700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			3	W	19.00			700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			6	W	18.50			700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			9	C	18.47			700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			12	W	18.50			700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			15	W	18.50			700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			18	W	18.20			700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			21	W	18.70			700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			24	W	18.80			700	30
03	10	67	12.2	SB	SH08	37	00	75	23	30			21	27	03			27	W	18.20			700	30
03	10	67	13.4	SB	SH08	37	00	75	35	24			21	24	03			0	C	20.53	R	30.41	700	20
03	10	67	13.4	SB	SH08	37	00	75	35	24			21	24	03			3	W	20.40	R	30.35	700	20
03	10	67	13.4	SB	SH08	37	00	75	35	24			21	24	03			6	W	20.20	R	30.35	700	20
03	10	67	13.4	SB	SH08	37	00	75	35	24			21	24	03			9	C	19.99	R	30.35	700	20
03	10	67	13.4	SB	SH08	37	00	75	35	24			21	24	03			12	W	19.90	R	30.36	700	20
03	10	67	13.4	SB	SH08	37	00	75	35	24			21	24	03			15	W	17.50	R	30.88	700	20
03	10	67	13.4	SB	SH08	37	00	75	35	24			21	24	03			18	W	17.00	R	31.56	700	20
03	10	67	13.4	SB	SH08	37	00	75	35	24			21	24	03			21	W	16.80	R	32.23	700	20
03	10	67	13.4	SB	SH08	37	00	75	35	24			21	24	03			23	W	16.70	R	32.28	700	20
03	10	67	15.0	SB	SH08	37	00	75	47	14			21	18	04			0	C	20.69	R	32.28	700	10
03	10	67	15.0	SB	SH08	37	00	75	47	14			21	18	04			3	W	20.60	R	29.46	700	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		STATION DESIGNATION		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
03	10	67	15.0	SB	SH08	37	00	75	47	14			21	18	04			6	W	20.50	R	29.60		700	10
03	10	67	15.0	SB	SH08	37	00	75	47	14			21	18	04			9	C	20.25	R	29.77		700	10
03	10	67	15.0	SB	SH08	37	00	75	47	14			21	18	04			12	W	20.20	R	29.96		700	10
03	10	67	15.6	SB	SH08	37	00	75	54	10			26	14	06			0	C	20.05	R	28.60		700	05
03	10	67	15.6	SB	SH08	37	00	75	54	10			26	14	06			3	W	20.00	R	28.53		700	05
03	10	67	15.6	SB	SH08	37	00	75	54	10			26	14	06			6	W	20.00	R	28.69		700	05
03	10	67	15.6	SB	SH08	37	00	75	54	10			26	14	06			9	C	19.91	R	28.78		700	05
03	10	67	16.3	SB	SH08	37	00	76	00	11			21	13	06			0	C	19.85	R	26.53		C	B0
03	10	67	16.3	SB	SH08	37	00	76	00	11			21	13	06			3	W	19.85	R	26.48		C	B0
03	10	67	16.3	SB	SH08	37	00	76	00	11			21	13	06			6	W	20.00	R	26.53		C	B0
03	10	67	16.3	SB	SH08	37	00	76	00	11			21	13	06			9	C	20.08	R	26.81		C	B0

SHS 9-67 17 and 18 October 1967

Stations Sampled

640-05	645-05	650-03	700-60
640-10	645-74	650-74	700-66
640-20			700-73
640-30		655-03	
640-40		655-74	
640-50			
640-63			
640-68			
640-73			

Sampling Sequence

Date	Time	Station	Date	Time	Station
17 Oct.	12.2	650-03	18 Oct.	06.0	640-50
	12.6	655-03		08.0	640-63
	13.8	645-05		09.0	640-68
	14.7	640-05		09.9	640-73
	15.4	640-10		10.6	645-74
	16.7	640-20		11.4	650-74
	18.0	640-30		12.2	655-74
	19.7	640-40		13.0	700-73
				13.7	700-66
				15.2	700-60

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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
17	10	67	12.2	SB	SH09	36	50	75	56	11				07	05			0			R	27.41			650	03
17	10	67	12.2	SB	SH09	36	50	75	56	11				07	05			0	C	19.30					650	03
17	10	67	12.2	SB	SH09	36	50	75	56	11				07	05			1			R	27.42			650	03
17	10	67	12.2	SB	SH09	36	50	75	56	11				07	05			3	C	19.29					650	03
17	10	67	12.2	SB	SH09	36	50	75	56	11				07	05			4			R	27.38			650	03
17	10	67	12.2	SB	SH09	36	50	75	56	11				07	05			6	C	19.29					650	03
17	10	67	12.2	SB	SH09	36	50	75	56	11				07	05			7			R	27.55			650	03
17	10	67	12.2	SB	SH09	36	50	75	56	11				07	05			9	C	19.09					650	03
17	10	67	12.2	SB	SH09	36	50	75	56	11				07	05			10			R	28.50			650	03
17	10	67	12.6	SB	SH09	36	55	75	57	14				07	05			0	C	19.10	R	25.99			655	03
17	10	67	12.6	SB	SH09	36	55	75	57	14				07	05			3	C	19.19	R	25.86			655	03
17	10	67	12.6	SB	SH09	36	55	75	57	14				07	05			6	C	18.99	R	26.26			655	03
17	10	67	12.6	SB	SH09	36	55	75	57	14				07	05			9	C	18.96	R	28.67			655	03
17	10	67	12.6	SB	SH09	36	55	75	57	14				07	05			12	C	19.00	R	29.61			655	03
17	10	67	13.8	SB	SH09	36	45	75	54	14				06	03			0	W	19.36	R	27.82			645	05
17	10	67	13.8	SB	SH09	36	45	75	54	14				06	03			3	W	19.36	R	27.77			645	05
17	10	67	13.8	SB	SH09	36	45	75	54	14				06	03			6	W	19.30	R	27.81			645	05
17	10	67	13.8	SB	SH09	36	45	75	54	14				06	03			9	W	19.52	R	29.07			645	05
17	10	67	13.8	SB	SH09	36	45	75	54	14				06	03			12	W	19.42	R	29.92			645	05
17	10	67	14.7	SB	SH09	36	40	75	53	12				08	03			0	C	19.50	R	27.99			640	05
17	10	67	14.7	SB	SH09	36	40	75	53	12				08	03			3	C	19.50	R	27.94			640	05
17	10	67	14.7	SB	SH09	36	40	75	53	12				08	03			6	C	19.37	R	28.03			640	05
17	10	67	14.7	SB	SH09	36	40	75	53	12				08	03			9	C	19.36	R	28.15			640	05
17	10	67	14.7	SB	SH09	36	40	75	53	12				08	03			12	C	19.15	R	29.15			640	05
17	10	67	15.4	SB	SH09	37	40	75	47	19				09	03			0	C	19.52	R	27.86			640	10
17	10	67	15.4	SB	SH09	37	40	75	47	19				09	03			3	C	19.52	R	29.36			640	10
17	10	67	15.4	SB	SH09	37	40	75	47	19				09	03			6	C	19.39	R	30.08			640	10
17	10	67	15.4	SB	SH09	37	40	75	47	19				09	03			9	C	19.16	R	30.39			640	10
17	10	67	15.4	SB	SH09	37	40	75	47	19				09	03			12	C	18.65	R	30.92			640	10
17	10	67	15.4	SB	SH09	37	40	75	47	19				09	03			15	C	18.65	R	31.14			640	10
17	10	67	15.4	SB	SH09	37	40	75	47	19				09	03			18	W	18.65	R	31.14			640	10
17	10	67	16.7	SB	SH09	36	40	75	35	20					00			0	C	18.79	R	31.50			640	20
17	10	67	16.7	SB	SH09	36	40	75	35	20					00			3	C	18.79	R	31.53			640	20
17	10	67	16.7	SB	SH09	36	40	75	35	20					00			6	C	18.79	R	31.56			640	20
17	10	67	16.7	SB	SH09	36	40	75	35	20					00			9	C	18.67	R	31.54			640	20
17	10	67	16.7	SB	SH09	36	40	75	35	20					00			12	C	18.48	R	31.59			640	20
17	10	67	16.7	SB	SH09	36	40	75	35	20					00			15	C	18.33	R	31.63			640	20
17	10	67	16.7	SB	SH09	36	40	75	35	20					00			18	W	18.30	R	31.63			640	20
17	10	67	18.0	SB	SH09	36	40	75	220	21				02	02			0	C	18.65	R	31.31			640	30
17	10	67	18.0	SB	SH09	36	40	75	220	21				02	02			3	C	18.65	R	31.29			640	30
17	10	67	18.0	SB	SH09	36	40	75	220	21				02	02			6	C	18.65	R	31.30			640	30
17	10	67	18.0	SB	SH09	36	40	75	220	21				02	02			9	C	18.65	R	31.37			640	30
17	10	67	18.0	SB	SH09	36	40	75	220	21				02	02			12	C	18.36	R	31.34			640	30
17	10	67	18.0	SB	SH09	36	40	75	220	21				02	02			15	C	18.09	R	31.59			640	30
17	10	67	18.0	SB	SH09	36	40	75	220	21				02	02			18	W	18.10	R	31.75			640	30
17	10	67	18.0	SB	SH09	36	40	75	220	21				02	02			21	W	17.60	R	31.76			640	30
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			0	C	18.24	R	32.38			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			3	C	18.13	R	32.34			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			6	C	17.81	R	32.43			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			9	C	17.57	R	32.53			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			12	C	17.51	R	32.63			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			15	C	17.47	R	32.63			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			18	W	17.40	R	32.73			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			21	W	16.90	R	32.68			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			24	W	16.80	R	32.77			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			27	W	16.80	R	32.73			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			30	W	16.90	R	32.84			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			33	W	16.90	R	32.68			640	40
17	10	67	19.7	SB	SH09	36	40	75	10	36					00			36			R	32.86			640	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		0	C	17.98	R	32.24	640	50
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		3	C	17.98	R	32.17	640	50
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		6	C	17.98	R	32.16	640	50
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		9	C	17.94	R	32.28	640	50
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		12	C	17.89	R	32.42	640	50
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		15	C	17.68	R	32.55	640	50
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		18	W	17.60	R	32.72	640	50
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		21	W	17.30	R	32.93	640	50
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		24	W	17.00	R	33.02	640	50
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		27	W	17.00	R	33.18	640	50
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		30	W	16.80	R	33.40	640	50
18	10	67	06.0	SB	SH09	36	40	74	58	33			15	04		33	W	16.80	R	33.42	640	50
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		0	C	17.85	R	32.32	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		3	C	17.84	R	32.33	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		6	C	17.55	R	32.34	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		9	C	17.91	R	32.77	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		12	C	18.26	R	33.57	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		15	C	18.53	R	34.35	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		18	W	18.60	R	34.49	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		21	W	18.70	R	34.56	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		24	W	18.80	R	34.60	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		27	W	18.80	R	34.64	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		30	W	18.00	R	34.63	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		35	W	13.00	R	34.68	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		40	W	10.20	R	33.83	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		45	W	10.30	R	33.23	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		50	W	11.00	R	33.33	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		55	W	11.00	R	33.63	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		60	W	10.20	R	33.68	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		65	W	10.10	R	33.82	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		70	W	10.10	R	33.98	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		75	W	10.60	R	34.22	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		80	W	11.00	R	34.41	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		90	W	11.40	R	34.82	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		100	W	11.50	R	34.82	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		120	W	11.40	R	34.41	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		140	W	11.20	R	34.41	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		160	W	11.00	R	34.42	640	63
18	10	67	08.0	SB	SH09	36	40	74	42	210			16	05		180	W	10.80	R	35.39	640	63
18	10	67	09.0	SB	SH09	36	40	74	35	1100						0	C	17.54			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						5	W	17.50			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						10	W	18.40			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						15	W	18.60			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						20	W	19.20			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						25	W	19.30			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						30	W	19.30			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						35	W	16.50			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						40	W	12.60			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						45	W	11.40			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						50	W	10.70			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						60	W	11.20			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						70	W	10.70			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						80	W	11.40			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						90	W	11.60			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						100	W	12.10			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						120	W	11.70			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						140	W	11.70			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						160	W	10.90			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						180	W	10.20			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						200	W	09.60			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						220	W	09.00			640	68
18	10	67	09.0	SB	SH09	36	40	74	35	1100						240	W	08.60			640	68
18	10	67	09.9	SB	SH09	36	40	74	29	1700						0	C	17.51			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						5	W	17.50			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						10	W	19.20			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						15	W	19.20			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						20	W	19.20			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						25	W	19.20			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						30	W	19.20			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						35	W	18.40			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						40	W	17.70			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						45	W	13.00			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						50	W	11.00			640	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
18	10	67	09.9	SB	SH09	36	40	74	29	1700						60	W	12.60			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						70	W	13.40			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						80	W	13.40			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						90	W	13.30			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						100	W	13.00			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						120	W	12.50			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						140	W	11.90			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						160	W	11.00			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						180	W	10.30			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						200	W	09.60			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						220	W	09.20			640	73
18	10	67	09.9	SB	SH09	36	40	74	29	1700						240	W	08.50			640	73
18	10	67	10.6	SB	SH09	36	45	74	29	1400						0	W	19.38			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						5	W	19.40			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						10	W	19.40			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						15	W	19.40			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						20	W	19.40			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						25	W	19.40			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						30	W	19.00			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						35	W	16.50			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						40	W	13.50			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						45	W	12.80			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						50	W	12.70			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						60	W	13.50			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						70	W	13.60			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						80	W	13.30			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						90	W	13.10			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						100	W	12.90			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						120	W	12.20			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						140	W	11.40			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						160	W	10.80			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						180	W	10.40			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						200	W	09.90			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						220	W	09.30			645	74
18	10	67	10.6	SB	SH09	36	45	74	29	1400						240	W	08.70			645	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						0	C	10.50			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						5	W	10.50			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						10	W	10.50			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						15	W	10.50			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						20	W	10.50			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						25	W	10.60			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						30	W	10.50			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						35	W	10.40			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						40	W	16.20			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						45	W	14.50			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						50	W	13.70			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						60	W	13.50			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						70	W	13.40			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						80	W	12.90			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						90	W	12.70			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						100	W	12.30			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						120	W	12.20			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						140	W	11.90			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						160	W	11.50			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						180	W	10.70			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						200	W	09.80			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						220	W	09.30			650	74
18	10	67	11.4	SB	SH09	36	50	74	29	1400						240	W	08.60			650	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						0	W	19.59			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						5	W	19.60			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						10	W	19.60			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						15	W	19.60			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						20	W	19.50			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						25	W	19.40			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						30	W	19.25			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						35	W	19.40			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						40	W	18.80			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						45	W	16.20			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						50	W	14.00			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						60	W	12.70			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						70	W	13.20			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						80	W	13.30			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500						90	W	13.30			655	74

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
18	10	67	12.2	SB	SH09	36	55	74	29	1500								100	W	13.00			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500								120	W	12.50			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500								140	W	12.20			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500								160	W	11.60			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500								180	W	10.40			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500								200	W	10.20			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500								220	W	09.50			655	74
18	10	67	12.2	SB	SH09	36	55	74	29	1500								240	W	08.70			655	74
18	10	67	13.0	SB	SH09	37	00	74	29	1500								0	W	19.34			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								5	W	19.40			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								10	W	19.40			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								15	W	19.50			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								20	W	19.60			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								25	W	19.70			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								30	W	18.80			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								35	W	18.70			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								40	W	18.70			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								45	W	18.70			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								50	W	15.30			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								60	W	13.00			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								70	W	12.60			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								80	W	12.90			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								90	W	12.90			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								100	W	12.80			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								120	W	12.30			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								140	W	12.00			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								160	W	11.40			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								180	W	10.50			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								200	W	09.80			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								220	W	09.00			700	73
18	10	67	13.0	SB	SH09	37	00	74	29	1500								240	W	08.50			700	73
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			0	C	17.50	R	33.86	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			5	W	17.50	R	33.76	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			10	W	18.20	R	33.82	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			15	C	18.96	R	34.43	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			20	W	19.00	R	34.49	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			25	W	19.00	R	34.38	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			30	W	18.00	R	34.07	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			40	W	10.20	R	34.14	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			60	W	10.20	R	33.76	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			80	W	11.00	R	33.13	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			100	W	11.60	R	34.80	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			120	W	11.40	R	35.13	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			150	W	11.00	R	35.42	700	66
18	10	67	13.7	SB	SH09	37	00	74	37	180				18	09			180	W	10.90	R	35.31	700	66
18	10	67	15.2	SB	SH09	37	00	74	46	180				22	13			0	C	19.84	R	33.61	700	60
18	10	67	15.2	SB	SH09	37	00	74	46	180				22	13			15	C	17.84			700	60

SHS 10-67 16 to 19 November 1967

Stations Sampled

640-10	650-10	700-00(CBO)	710-15
640-20	650-20	700-10	710-20
640-30	650-30	700-20	710-30
640-40	650-40	700-30	710-40
640-50	650-50	700-40	710-50
640-60	650-60	700-50	710-60
640-63	650-70	700-60	710-70
		700-66	

Sampling Sequence

Date	Time	Station
16 Nov.	13.3	710-15
	14.2	710-20
	15.3	710-30
	16.6	710-40
	17.6	710-50
	19.4	710-60
	20.6	710-70
17 Nov.	07.0	700-66
	10.2	700-60
	11.8	700-50
	13.0	700-40
	14.3	700-30
	15.7	700-20
	17.2	700-10
	18.5	650-10
	19.5	650-20
	20.7	650-30
	22.0	650-40

Date	Time	Station
18 Nov.	07.0	650-50
	08.1	650-60
	09.0	650-70
	12.0	640-63
	13.0	640-60
	14.5	640-50
	15.8	640-40
	17.0	640-30
	18.2	640-20
	19.3	640-10
19 Nov.	08.9	700-00(CBO)

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰					
16	11	67	13.3	RR	SH10	37	10	75	41	14		03	30	08		0	C	12.51	R	31.86				710	15
16	11	67	13.3	RR	SH10	37	10	75	41	14		03	30	08		3	W	12.50	R	31.81				710	15
16	11	67	13.3	RR	SH10	37	10	75	41	14		03	30	08		6	W	12.50	R	31.79				710	15
16	11	67	13.3	RR	SH10	37	10	75	41	14		03	30	08		9	C	12.58	R	31.78				710	15
16	11	67	13.3	RR	SH10	37	10	75	41	14		03	30	08		12	W	12.60	R	31.80				710	15
16	11	67	14.2	RR	SH10	37	10	75	35	22		04	30	08		0	C	12.82	R	31.92				710	20
16	11	67	14.2	RR	SH10	37	10	75	35	22		04	30	08		3	W	12.80	R	31.90				710	20
16	11	67	14.2	RR	SH10	37	10	75	35	22		04	30	08		6	W	12.80	R	31.90				710	20
16	11	67	14.2	RR	SH10	37	10	75	35	22		04	30	08		9	C	12.81	R	31.91				710	20
16	11	67	14.2	RR	SH10	37	10	75	35	22		04	30	08		12	W	12.80	R	31.90				710	20
16	11	67	14.2	RR	SH10	37	10	75	35	22		04	30	08		15	W	12.80	R	31.93				710	20
16	11	67	14.2	RR	SH10	37	10	75	35	22		04	30	08		18	W	12.80	R	31.90				710	20
16	11	67	14.2	RR	SH10	37	10	75	35	22		04	30	08		21	W	12.80	R	31.90				710	20
16	11	67	15.3	RR	SH10	37	10	75	22	29		03	31	08		0	C	13.04	R	32.66				710	30
16	11	67	15.3	RR	SH10	37	10	75	22	29		03	31	08		3	W	13.10	R	32.62				710	30
16	11	67	15.3	RR	SH10	37	10	75	22	29		03	31	08		6	W	13.10	R	32.62				710	30
16	11	67	15.3	RR	SH10	37	10	75	22	29		03	31	08		9	C	13.13	R	32.62				710	30
16	11	67	15.3	RR	SH10	37	10	75	22	29		03	31	08		12	W	13.10	R	32.62				710	30
16	11	67	15.3	RR	SH10	37	10	75	22	29		03	31	08		15	W	13.10	R	32.62				710	30
16	11	67	15.3	RR	SH10	37	10	75	22	29		03	31	08		18	W	13.10	R	32.64				710	30
16	11	67	15.3	RR	SH10	37	10	75	22	29		03	31	08		21	W	13.10	R	32.65				710	30
16	11	67	15.3	RR	SH10	37	10	75	22	29		03	31	08		24	W	13.10	R	32.63				710	30
16	11	67	15.3	RR	SH10	37	10	75	22	29		03	31	08		27	W	13.10	R	32.64				710	30
16	11	67	16.6	RR	SH10	37	10	75	10	30		03	32	08		0	C	12.96	R	32.58				710	40
16	11	67	16.6	RR	SH10	37	10	75	10	30		03	32	08		3	W	12.90	R	32.58				710	40
16	11	67	16.6	RR	SH10	37	10	75	10	30		03	32	08		6	W	12.90	R	32.58				710	40
16	11	67	16.6	RR	SH10	37	10	75	10	30		03	32	08		9	C	12.93	R	32.58				710	40
16	11	67	16.6	RR	SH10	37	10	75	10	30		03	32	08		12	W	12.90	R	32.61				710	40
16	11	67	16.6	RR	SH10	37	10	75	10	30		03	32	08		15	W	12.90	R	32.63				710	40
16	11	67	16.6	RR	SH10	37	10	75	10	30		03	32	08		18	W	12.90	R	32.65				710	40
16	11	67	16.6	RR	SH10	37	10	75	10	30		03	32	08		21	W	12.90	R	32.66				710	40
16	11	67	16.6	RR	SH10	37	10	75	10	30		03	32	08		24	W	12.90	R	32.66				710	40
16	11	67	16.6	RR	SH10	37	10	75	10	30		03	32	08		27	W	12.90	R	32.70				710	40
16	11	67	16.6	RR	SH10	37	10	75	10	30		03	32	08		30	W	12.90	R	32.73				710	40
16	11	67	17.6	RR	SH10	37	10	74	58	44		04	32	06		0	C	12.80	R	33.04				710	50
16	11	67	17.6	RR	SH10	37	10	74	58	44		04	32	06		3	W	12.90	R	32.99				710	50
16	11	67	17.6	RR	SH10	37	10	74	58	44		04	32	06		6	W	12.90	R	32.99				710	50
16	11	67	17.6	RR	SH10	37	10	74	58	44		04	32	06		9	C	12.92	R	33.00				710	50
16	11	67	17.6	RR	SH10	37	10	74	58	44		04	32	06		15	W	12.90	R	33.05				710	50
16	11	67	17.6	RR	SH10	37	10	74	58	44		04	32	06		18	W	12.90	R	33.05				710	50
16	11	67	17.6	RR	SH10	37	10	74	58	44		04	32	06		21	W	12.90	R	33.10				710	50
16	11	67	17.6	RR	SH10	37	10	74	58	44		04	32	06		24	W	12.90	R	33.13				710	50
16	11	67	17.6	RR	SH10	37	10	74	58	44		04	32	06		27	W	12.90	R	33.19				710	50
16	11	67	17.6	RR	SH10	37	10	74	58	44		04	32	06		30	W	12.90	R	33.21				710	50
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		0	C	19.31	R	35.79				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		5	W	19.30	R	35.75				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		9	C	19.37						710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		10	W	19.30	R	35.76				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		15	W	19.30	R	35.43				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		20	W	19.30	R	35.74				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		25	W	19.30	R	35.75				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		30	W	19.30	R	35.74				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		35	W	19.30	R	35.74				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		40	W	19.30	R	35.77				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		45	W	19.30	R	35.72				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		50	W	19.30	R	35.74				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		55	W	19.30	R	35.75				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		60	W	19.30	R	35.55				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		65	W	19.30	R	35.78				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		70	W	19.30	R	35.78				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		75	W	17.10	R	35.75				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		80	W	16.70	R	35.61				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		85	W	15.00	R	35.67				710	60
16	11	67	19.4	RR	SH10	37	10	74	45	92		04	31	04		90	W	12.80	R	35.63				710	60
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		0	C	17.27	R	35.24				710	70

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH	TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY	SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M		°C	DIRECTION CODE	VELOCITY M/SEC.	M	M	INSTR.	°C	INSTR.	‰		
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		5	W	17.50	R	35.08	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		10	W	17.60	R	35.04	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		15	W	17.50	R	35.10	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		20	W	17.50	R	35.06	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		25	W	17.30	R	35.07	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		30	W	17.20	R	35.08	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		35	W	17.10	R	35.05	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		40	W	16.80	R	35.04	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		45	W	16.50	R	34.92	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		50	W	16.00	R	34.97	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		55	W	15.70	R	34.95	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		60	W	15.60	R	34.80	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		65	W	15.50	R	34.75	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		70	W	15.40	R	35.74	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		75	W	15.40	R	34.80	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		80	W	15.40	R	34.88	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		85	W	15.20	R	35.00	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		90	W	15.10	R	35.08	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		100	W	17.00	R	35.24	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		110	W	15.20	R	35.66	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		120	W	14.60	R	35.81	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		130	W	14.60	R	35.76	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		150			R	35.82	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		160			R	35.78	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		170			R	35.71	710	70
16	11	67	20.6	RR	SH10	37	10	74	32	190		05	31	06		180			R	35.59	710	70
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		0	C	16.98	R	35.21	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		5	W	17.00	R	34.37	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		9	C	17.11			700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		10	W	17.00	R	34.37	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		15	W	17.00	R	34.41	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		20	W	16.90	R	34.43	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		25	W	16.50	R	34.42	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		30	W	16.40	R	34.44	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		35	W	16.10	R	34.52	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		40	W	15.80	R	34.60	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		45	W	15.60	R	34.71	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		50	W	15.70	R	34.77	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		55	W	15.80	R	34.84	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		60	W	15.90	R	35.14	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		65	W	15.90	R	35.46	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		70	W	15.60	R	35.55	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		75	W	14.80	R	35.62	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		80	W	15.90	R	35.60	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		85	W	16.10	R	35.52	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		90	W	15.50	R	35.04	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		100	W	14.20	R	35.54	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		110	W	14.00	R	35.80	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		120	W	14.00	R	35.83	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		130	W	13.80	R	35.74	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		140	W	13.00	R	35.36	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		150			R	35.41	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		160			R	35.55	700	66
17	11	67	07.0	RR	SH10	37	00	74	37	180		09	24	06		180			R	34.62	700	66
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		0	C	18.77	R	35.67	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		5	W	18.90	R	35.61	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		9	C	18.88			700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		10	W	18.90	R	35.63	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		15	W	18.90	R	35.62	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		20	W	18.90	R	35.70	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		25	W	18.90	R	35.66	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		30	W	18.90	R	35.61	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		35	W	18.90	R	35.63	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		40	W	18.90	R	35.63	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		45	W	18.90	R	35.61	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		50	W	18.90	R	35.61	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		55	W	18.90	R	35.63	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		60	W	18.90	R	35.59	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		65	W	18.40	R	35.62	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		70	W	17.10	R	35.59	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		75	W	16.50	R	35.44	700	60
17	11	67	10.2	RR	SH10	37	00	74	45	86		10	24	08		80	W	15.40	R	35.43	700	60
17	11	67	11.8	RR	SH10	37	00	74	58	45		13	24	09		0	C	13.07	R	33.30	700	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
17	11	67	11.8	RR	SH10	37	00	74	58	45			13	24	09			5	W	13.10	R	33.27		700	50
17	11	67	11.8	RR	SH10	37	00	74	58	45			13	24	09			9	O	13.10				700	50
17	11	67	11.8	RR	SH10	37	00	74	58	45			13	24	09			10	W	13.10	R	33.21		700	50
17	11	67	11.8	RR	SH10	37	00	74	58	45			13	24	09			15	W	13.10	R	33.21		700	50
17	11	67	11.8	RR	SH10	37	00	74	58	45			13	24	09			20	W	13.10	R	33.21		700	50
17	11	67	11.8	RR	SH10	37	00	74	58	45			13	24	09			25	W	13.10	R	33.20		700	50
17	11	67	11.8	RR	SH10	37	00	74	58	45			13	24	09			30	W	13.10	R	33.22		700	50
17	11	67	11.8	RR	SH10	37	00	74	58	45			13	24	09			35	W	13.10	R	33.21		700	50
17	11	67	11.8	RR	SH10	37	00	74	58	45			13	24	09			40	W	13.10	R	33.21		700	50
17	11	67	11.8	RR	SH10	37	00	74	58	45			13	24	09			45	W	13.10	R	33.22		700	50
17	11	67	13.0	RR	SH10	37	00	75	10	30			10	22	12			0	O	12.94	R	32.79		700	40
17	11	67	13.0	RR	SH10	37	00	75	10	30			10	22	12			5	W	13.00	R	32.73		700	40
17	11	67	13.0	RR	SH10	37	00	75	10	30			10	22	12			9	O	13.03				700	40
17	11	67	13.0	RR	SH10	37	00	75	10	30			10	22	12			10	W	13.00	R	32.72		700	40
17	11	67	13.0	RR	SH10	37	00	75	10	30			10	22	12			15	W	13.00	R	32.72		700	40
17	11	67	13.0	RR	SH10	37	00	75	10	30			10	22	12			20	W	13.00	R	32.71		700	40
17	11	67	13.0	RR	SH10	37	00	75	10	30			10	22	12			25	W	13.00	R	33.72		700	40
17	11	67	13.0	RR	SH10	37	00	75	10	30			10	22	12			30	W	13.00	R	33.96		700	40
17	11	67	14.3	RR	SH10	37	00	75	22	29			10	21	14			0	O	12.59	R	32.99		700	30
17	11	67	14.3	RR	SH10	37	00	75	22	29			10	21	14			5	W	12.70	R	32.92		700	30
17	11	67	14.3	RR	SH10	37	00	75	22	29			10	21	14			9	O	12.70				700	30
17	11	67	14.3	RR	SH10	37	00	75	22	29			10	21	14			10	W	12.70	R	32.91		700	30
17	11	67	14.3	RR	SH10	37	00	75	22	29			10	21	14			15	W	12.70	R	32.98		700	30
17	11	67	14.3	RR	SH10	37	00	75	22	29			10	21	14			20	W	12.70	R	32.94		700	30
17	11	67	14.3	RR	SH10	37	00	75	22	29			10	21	14			25			R	32.94		700	30
17	11	67	15.7	RR	SH10	37	00	75	35	23			11	19	13			0	O	12.72	R	32.55		700	20
17	11	67	15.7	RR	SH10	37	00	75	35	23			11	19	13			5	W	12.80	R	32.53		700	20
17	11	67	15.7	RR	SH10	37	00	75	35	23			11	19	13			9	O	12.77				700	20
17	11	67	15.7	RR	SH10	37	00	75	35	23			11	19	13			10	W	12.80	R	35.54		700	20
17	11	67	15.7	RR	SH10	37	00	75	35	23			11	19	13			15	W	12.80	R	35.55		700	20
17	11	67	15.7	RR	SH10	37	00	75	35	23			11	19	13			20	W	12.80	R	35.71		700	20
17	11	67	17.2	RR	SH10	37	00	75	47	15			12	19	09			0	O	11.66	R	30.15		700	10
17	11	67	17.2	RR	SH10	37	00	75	47	15			12	19	09			5	W	11.70	R	30.14		700	10
17	11	67	17.2	RR	SH10	37	00	75	47	15			12	19	09			9	O	11.75				700	10
17	11	67	17.2	RR	SH10	37	00	75	47	15			12	19	09			10	W	11.60	R	30.82		700	10
17	11	67	17.2	RR	SH10	37	00	75	47	15			12	19	09			15			R	31.46		700	10
17	11	67	18.5	RR	SH10	36	50	75	47	21			12	19	07			0	O	12.15	R	29.46		650	10
17	11	67	18.5	RR	SH10	36	50	75	47	21			12	19	07			5	W	12.15	R	29.46		650	10
17	11	67	18.5	RR	SH10	36	50	75	47	21			12	19	07			9	O	12.18				650	10
17	11	67	18.5	RR	SH10	36	50	75	47	21			12	19	07			10	W	13.10	R	29.64		650	10
17	11	67	18.5	RR	SH10	36	50	75	47	21			12	19	07			15	W	13.10	R	31.54		650	10
17	11	67	18.5	RR	SH10	36	50	75	47	21			12	19	07			20			R	32.20		650	10
17	11	67	19.5	RR	SH10	36	50	75	35	21			12	20	08			0	O	12.64	R	31.97		650	20
17	11	67	19.5	RR	SH10	36	50	75	35	21			12	20	08			5	W	12.70	R	31.87		650	20
17	11	67	19.5	RR	SH10	36	50	75	35	21			12	20	08			9	O	12.68				650	20
17	11	67	19.5	RR	SH10	36	50	75	35	21			12	20	08			10	W	12.70	R	31.97		650	20
17	11	67	19.5	RR	SH10	36	50	75	35	21			12	20	08			15	W	12.90	R	32.35		650	20
17	11	67	19.5	RR	SH10	36	50	75	35	21			12	20	08			20			R	32.70		650	20
17	11	67	20.7	RR	SH10	36	50	75	22	25			15	20	08			0	O	12.99	R	33.01		650	30
17	11	67	20.7	RR	SH10	36	50	75	22	25			15	20	08			5	W	13.00	R	32.98		650	30
17	11	67	20.7	RR	SH10	36	50	75	22	25			15	20	08			9	O	13.01				650	30
17	11	67	20.7	RR	SH10	36	50	75	22	25			15	20	08			10	W	13.00	R	32.99		650	30
17	11	67	20.7	RR	SH10	36	50	75	22	25			15	20	08			15	W	13.00	R	32.98		650	30
17	11	67	20.7	RR	SH10	36	50	75	22	25			15	20	08			20	W	13.00	R	32.97		650	30
17	11	67	20.7	RR	SH10	36	50	75	22	25			15	20	08			25	W	13.00	R	32.98		650	30
17	11	67	22.0	RR	SH10	36	50	75	10	30			13	25	10			0	O	13.28	R	33.31		650	40
17	11	67	22.0	RR	SH10	36	50	75	10	30			13	25	10			5	W	13.30	R	33.32		650	40
17	11	67	22.0	RR	SH10	36	50	75	10	30			13	25	10			9	O	13.27				650	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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	°/oo		
17	11	67	22.0	RR	SH10	36	50	75	10	30		13	25	10		10	W	13.00	R	33.28	650	40
17	11	67	22.0	RR	SH10	36	50	75	10	30		13	25	10		15	W	13.00	R	33.32	650	40
17	11	67	22.0	RR	SH10	36	50	75	10	30		13	25	10		20	W	13.00	R	33.24	650	40
17	11	67	22.0	RR	SH10	36	50	75	10	30		13	25	10		25	W	13.00	R	33.25	650	40
17	11	67	22.0	RR	SH10	36	50	75	10	30		13	25	10		30	W	13.00	R	33.30	650	40
18	11	67	07.0	RR	SH10	36	50	74	58	36		13	22	02		0	C	13.50	R	33.33	650	50
18	11	67	07.0	RR	SH10	36	50	74	58	36		13	22	02		5	W	13.50	R	33.36	650	50
18	11	67	07.0	RR	SH10	36	50	74	58	36		13	22	02		9	C	13.57			650	50
18	11	67	07.0	RR	SH10	36	50	74	58	36		13	22	02		10	W	13.60	R	33.36	650	50
18	11	67	07.0	RR	SH10	36	50	74	58	36		13	22	02		15	W	13.80	R	33.32	650	50
18	11	67	07.0	RR	SH10	36	50	74	58	36		13	22	02		20	W	13.90	R	33.34	650	50
18	11	67	07.0	RR	SH10	36	50	74	58	36		13	22	02		25	W	14.60	R	33.46	650	50
18	11	67	07.0	RR	SH10	36	50	74	58	36		13	22	02		30	W	14.70	R	33.83	650	50
18	11	67	07.0	RR	SH10	36	50	74	58	36		13	22	02		35	W	14.80	R	33.98	650	50
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		0	C	18.17	R	35.53	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		5	W	18.20	R	35.50	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		9	C	18.30			650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		10	W	18.30	R	35.52	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		15	W	18.40	R	35.40	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		20	W	18.50	R	35.55	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		25	W	18.50	R	35.59	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		30	W	18.60	R	35.56	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		35	W	18.60	R	35.60	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		40	W	18.50	R	35.57	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		45	W	17.60	R	35.58	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		50	W	17.00	R	35.44	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		55	W	15.60	R	35.46	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		60	W	14.40	R	35.61	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		65	W	14.20	R	35.64	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		70	W	14.20	R	35.66	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		75	W	14.10	R	35.61	650	60
18	11	67	08.1	RR	SH10	36	50	74	45	80		16	23	02		80	W	14.10	R	35.59	650	60
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		0	C	15.69	R	34.61	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		5	W	15.70	R	34.61	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		9	C	15.70			650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		10	W	15.70	R	34.58	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		15	W	15.70	R	34.62	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		20	W	15.70	R	34.62	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		25	W	15.70	R	34.57	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		30	W	15.70	R	34.61	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		35	W	15.70	R	34.60	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		40	W	15.80	R	34.61	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		45	W	15.90	R	34.59	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		50	W	16.10	R	34.60	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		55	W	16.00	R	34.72	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		60	W	13.70	R	34.80	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		65	W	13.90	R	34.64	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		70	W	14.40	R	34.61	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		75	W	14.80	R	34.69	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		80	W	14.80	R	35.28	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		85	W	14.70	R	35.42	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		90	W	14.30	R	35.61	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		100	W	14.40	R	35.71	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		110	W	14.40	R	35.88	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		120	W	14.20	R	35.91	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		130	W	13.40	R	35.78	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		140			R	35.68	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		150			R	35.67	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		160			R	35.56	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		170			R	35.74	650	70
18	11	67	09.0	RR	SH10	36	50	74	330	1400		16	23	03		180			R	35.90	650	70
18	11	67	12.0	RR	SH10	36	40	74	42	210		16	23	08		0	C	15.53	R	35.12	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210		16	23	08		5	W	15.40	R	35.17	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210		16	23	08		9	C	15.49			640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210		16	23	08		10	W	15.50	R	35.22	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210		16	23	08		15	W	15.50	R	35.18	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210		16	23	08		20	W	15.50	R	35.19	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210		16	23	08		25	W	15.60	R	35.25	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210		16	23	08		30	W	16.10	R	35.35	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210		16	23	08		35	W	16.60	R	35.48	640	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			40	W	16.70	R	35.60	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			45	W	16.70	R	35.52	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			50	W	16.80	R	35.61	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			55	W	16.80	R	35.56	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			60	W	16.50	R	35.50	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			65	W	15.90	R	35.48	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			70	W	15.10	R	35.43	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			75	W	13.70	R	35.43	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			80	W	12.10	R	35.53	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			85	W	12.00	R	35.46	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			90	W	11.60	R	35.63	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			100	W	11.60	R	35.28	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			110	W	11.30	R	35.48	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			120	W	11.00	R	35.59	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			130	W	10.90	R	35.56	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			140			R	35.57	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			150			R	35.60	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			160			R	35.56	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			170			R	35.56	640	63
18	11	67	12.0	RR	SH10	36	40	74	42	210			16	23	08			180			R	35.58	640	63
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			0	C	18.12	R	35.49	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			5	W	18.10	R	35.44	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			9	C	18.16			640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			10	W	18.10	R	35.44	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			15	W	18.10	R	35.44	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			20	W	18.20	R	35.44	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			25	W	18.20	R	35.46	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			30	W	18.30	R	35.46	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			35	W	18.30	R	35.50	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			40	W	18.40	R	35.50	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			45	W	18.50	R	35.50	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			50	W	18.60	R	35.55	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			55	W	18.60	R	35.56	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			60	W	18.70	R	35.56	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			65	W	18.70	R	35.56	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			70	W	18.10	R	35.57	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			75	W	18.10	R	35.63	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			80	W	14.90	R	35.59	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			85	W	14.10	R	35.31	640	60
18	11	67	13.0	RR	SH10	36	40	74	45	95			16	23	08			90	W	13.30	R	35.55	640	60
18	11	67	14.5	RR	SH10	36	40	74	58	31			17	21	09			0	C	13.00	R	33.02	640	50
18	11	67	14.5	RR	SH10	36	40	74	58	31			17	21	09			5	W	13.00	R	33.00	640	50
18	11	67	14.5	RR	SH10	36	40	74	58	31			17	21	09			9	C	13.00			640	50
18	11	67	14.5	RR	SH10	36	40	74	58	31			17	21	09			10	W	13.00	R	32.98	640	50
18	11	67	14.5	RR	SH10	36	40	74	58	31			17	21	09			15	W	13.00	R	33.01	640	50
18	11	67	14.5	RR	SH10	36	40	74	58	31			17	21	09			20	W	15.30	R	33.12	640	50
18	11	67	14.5	RR	SH10	36	40	74	58	31			17	21	09			25	W	15.30	R	34.05	640	50
18	11	67	14.5	RR	SH10	36	40	74	58	31			17	21	09			30			R	34.20	640	50
18	11	67	15.8	RR	SH10	36	40	75	10	35			13	25	10			0	C	13.10	R	32.47	640	40
18	11	67	15.8	RR	SH10	36	40	75	10	35			13	25	10			5	W	13.10	R	32.40	640	40
18	11	67	15.8	RR	SH10	36	40	75	10	35			13	25	10			9	C	13.11			640	40
18	11	67	15.8	RR	SH10	36	40	75	10	35			13	25	10			10	W	13.10	R	32.43	640	40
18	11	67	15.8	RR	SH10	36	40	75	10	35			13	25	10			15	W	13.10	R	32.54	640	40
18	11	67	15.8	RR	SH10	36	40	75	10	35			13	25	10			20	W	13.10	R	32.72	640	40
18	11	67	15.8	RR	SH10	36	40	75	10	35			13	25	10			25	W	13.10	R	32.66	640	40
18	11	67	15.8	RR	SH10	36	40	75	10	35			13	25	10			30	W	13.10	R	32.44	640	40
18	11	67	15.8	RR	SH10	36	40	75	10	35			13	25	10			35	W	13.10	R	32.86	640	40
18	11	67	17.0	RR	SH10	36	40	75	22	20			15	20	08			0	C	13.27	R	31.88	640	30
18	11	67	17.0	RR	SH10	36	40	75	22	20			15	20	08			5	W	13.30	R	31.80	640	30
18	11	67	17.0	RR	SH10	36	40	75	22	20			15	20	08			9	C	13.29			640	30
18	11	67	17.0	RR	SH10	36	40	75	22	20			15	20	08			10	W	13.30	R	31.81	640	30
18	11	67	17.0	RR	SH10	36	40	75	22	20			15	20	08			15	W	13.30	R	32.10	640	30
18	11	67	17.0	RR	SH10	36	40	75	22	20			15	20	08			20	W	13.30	R	32.32	640	30
18	11	67	18.2	RR	SH10	36	40	75	35	19			16	27	05			0	C	12.96	R	31.02	640	20
18	11	67	18.2	RR	SH10	36	40	75	35	19			16	27	05			5	W	13.10	R	31.01	640	20
18	11	67	18.2	RR	SH10	36	40	75	35	19			16	27	05			9	C	13.17			640	20
18	11	67	18.2	RR	SH10	36	40	75	35	19			16	27	05			10	W	13.40	R	31.45	640	20

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
18	11	67	18.2	RR	SH10	36	40	75	35	19			16	27	05			15	W	13.40	R	31.85		640	20
18	11	67	18.2	RR	SH10	36	40	75	35	19			16	27	05			18	W	13.40	R	31.94		640	20
18	11	67	19.3	RR	SH10	36	40	75	47	22			16	27	09			0	O	12.84	R	30.30		640	10
18	11	67	19.3	RR	SH10	36	40	75	47	22			16	27	09			5	W	13.00	R	30.32		640	10
18	11	67	19.3	RR	SH10	36	40	75	47	22			16	27	09			9	O	13.22				640	10
18	11	67	19.3	RR	SH10	36	40	75	47	22			16	27	09			10	W	13.20	R	30.53		640	10
18	11	67	19.3	RR	SH10	36	40	75	47	22			16	27	09			15	W	13.20	R	31.28		640	10
18	11	67	19.3	RR	SH10	36	40	75	47	22			16	27	09			20	W	13.20	R	31.38		640	10
19	11	67	08.9	RR	SH10	37	00	76	00	10			10	29	09			0	O	10.19	R	27.67		C	B0
19	11	67	08.9	RR	SH10	37	00	76	00	10			10	29	09			3	W	10.20	R	27.60		C	B0
19	11	67	08.9	RR	SH10	37	00	76	00	10			10	29	09			6	W	10.10	R	27.60		C	B0
19	11	67	08.9	RR	SH10	37	00	76	00	10			10	29	09			9	O	10.09	R	27.63		C	B0

SHS 11-67 15 to 18 December 1967

Stations Sampled

650-10

700-10
700-30
700-50
700-60
700-66
700-68
700-73

710-17
710-30
710-50
710-60
710-65
710-70
710-73
710-88

Sampling Sequence

Date	Time	Station
15 Dec.	11.5	710-17
	13.5	710-30
	15.7	710-50
	17.2	710-60
	18.3	710-65
16 Dec.	07.2	710-65
	12.4	710-65
	13.2	710-70
	14.3	710-73
	15.0	710-88
	17.1	700-73

Date	Time	Station
17 Dec.	07.1	700-68
	08.0	700-66
	09.0	700-60
	10.4	700-50
	12.5	700-30
	14.7	700-10

NOTE: Station 650-10 was sampled once an hour from 16.5 hrs. on 17 Dec. to 5.3 hrs. on 18 Dec.

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
15	12	67	11.5	RR	SH11	37	10	75	38	16			06	35	09			0	C	09.24	R	31.94	710	17
15	12	67	11.5	RR	SH11	37	10	75	38	16			06	35	09			5	W	09.40	R	31.89	710	17
15	12	67	11.5	RR	SH11	37	10	75	38	16			06	35	09			6	C	09.39			710	17
15	12	67	11.5	RR	SH11	37	10	75	38	16			06	35	09			10	W	09.40	R	31.89	710	17
15	12	67	11.5	RR	SH11	37	10	75	38	16			06	35	09			15	W	09.40	R	31.87	710	17
15	12	67	13.5	RR	SH11	37	10	75	22	27			06	35	10			0	C	10.06	R	32.67	710	30
15	12	67	13.5	RR	SH11	37	10	75	22	27			06	35	10			3	C	10.13			710	30
15	12	67	13.5	RR	SH11	37	10	75	22	27			06	35	10			5	W	10.10	R	32.66	710	30
15	12	67	13.5	RR	SH11	37	10	75	22	27			06	35	10			6	C	10.14			710	30
15	12	67	13.5	RR	SH11	37	10	75	22	27			06	35	10			10	W	10.10	R	32.65	710	30
15	12	67	13.5	RR	SH11	37	10	75	22	27			06	35	10			15	W	10.10	R	32.64	710	30
15	12	67	13.5	RR	SH11	37	10	75	22	27			06	35	10			20	W	10.10	R	32.65	710	30
15	12	67	13.5	RR	SH11	37	10	75	22	27			06	35	10			25	W	10.10	R	32.71	710	30
15	12	67	15.7	RR	SH11	37	10	74	57	40			06	35	10			0	C	10.41	R	33.06	710	50
15	12	67	15.7	RR	SH11	37	10	74	57	40			06	35	10			3	C	10.46			710	50
15	12	67	15.7	RR	SH11	37	10	74	57	40			06	35	10			5	W	10.50	R	33.03	710	50
15	12	67	15.7	RR	SH11	37	10	74	57	40			06	35	10			6	C	10.50			710	50
15	12	67	15.7	RR	SH11	37	10	74	57	40			06	35	10			10	W	10.50	R	33.04	710	50
15	12	67	15.7	RR	SH11	37	10	74	57	40			06	35	10			15	C	10.51	R	33.09	710	50
15	12	67	15.7	RR	SH11	37	10	74	57	40			06	35	10			20	W	10.50	R	33.05	710	50
15	12	67	15.7	RR	SH11	37	10	74	57	40			06	35	10			25	W	10.50	R	33.03	710	50
15	12	67	15.7	RR	SH11	37	10	74	57	40			06	35	10			30	W	10.50	R	33.06	710	50
15	12	67	15.7	RR	SH11	37	10	74	57	40			06	35	10			35	W	10.50	R	33.04	710	50
15	12	67	15.7	RR	SH11	37	10	74	57	40			06	35	10			40	W	10.50	R	33.04	710	50
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			0	C	10.12	R	32.92	710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			3	W	10.10			710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			5	W	10.10	R	32.92	710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			6	W	10.10			710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			10	W	10.10	R	32.92	710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			15	C	10.13	R	32.90	710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			20	W	10.10	R	32.92	710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			25	W	10.10	R	32.92	710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			30	W	10.10	R	32.90	710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			40	W	10.10	R	32.92	710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			50	W	10.10	R	33.02	710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			60	W	10.20	R	33.03	710	60
15	12	67	17.2	RR	SH11	37	10	74	45	79			06	34	10			70	W	10.20	R	33.37	710	60
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			0	C	10.19	R	33.21	710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			5	W	10.20			710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			10	W	10.30			710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			15	C	10.31			710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			20	W	10.40			710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			25	W	10.40			710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			30	W	10.50			710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			40	W	10.50			710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			50	W	10.60			710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			60	W	10.90			710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			70	W	11.20			710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			80	W	11.60			710	65
15	12	67	18.3	RR	SH11	37	10	74	39	90			05	34	10			90	W	12.30	R	34.70	710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			0	W	09.70	R	33.18	710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			6	C	09.68			710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			10	W	09.70			710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			15	C	09.73			710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			25	W	09.70			710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			30	W	09.70			710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			40	W	09.70			710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			50	W	09.90			710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			60	W	10.10			710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			70	W	10.80			710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			80	W	12.00			710	65
16	12	67	07.2	RR	SH11	37	10	74	39	90			03	33	15			90	W	12.00	R	34.42	710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95			03	33	10			0	C	09.94	R	33.07	710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95			03	33	10			5	W	10.00			710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95			03	33	10			10	W	10.00			710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95			03	33	10			15	C	10.00			710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95			03	33	10			20	W	10.00			710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95			03	33	10			25	W	10.00			710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95			03	33	10			30	W	10.00			710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95			03	33	10			40	W	10.10			710	65

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH	TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY	SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M		°C	DIRECTION CODE	VELOCITY M/SEC.	M	M	INSTR.	°C	INSTR.	‰		
16	12	67	12.4	RR	SH11	37	10	74	39	95		03	33	10		50	W	10.30			710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95		03	33	10		60	W	10.80			710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95		03	33	10		70	W	11.30			710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95		03	33	10		80	W	11.70			710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95		03	33	10		90	W	12.40			710	65
16	12	67	12.4	RR	SH11	37	10	74	39	95		03	33	10		95	W	12.60	R	34.72	710	65
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		0	C	09.98	R	33.16	710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		5	W	10.00			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		10	W	10.00			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		15	C	09.94			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		20	W	10.00			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		25	W	10.00	R	33.14	710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		30	W	10.00			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		40	W	10.00			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		50	W	10.00	R	33.31	710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		60	W	11.00			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		75	W	11.60	R	34.08	710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		90	W	11.60			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		100	W	11.60	R	34.23	710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		110	W	11.60			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		125	W	12.30	R	34.55	710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		140	W	12.20			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		150	W	12.00			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		160	W	11.90			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		175	W	11.80			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		190	W	10.20			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		200	W	10.60			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		210	W	10.00			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		225	W	09.70			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		240	W	09.50			710	70
16	12	67	13.2	RR	SH11	37	10	74	32	190		04	32	08		250	W	09.40			710	70
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		0	C	09.98	R	33.16	710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		5	W	10.00			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		10	W	10.00			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		15	C	10.03			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		25	W	10.00			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		30	W	10.00			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		40	W	10.00			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		50	W	10.70			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		60	W	11.20			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		70	W	11.30			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		80	W	11.60			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		90	W	11.90			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		100	W	12.20			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		110	W	12.30			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		120	W	12.70			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		130	W	12.80			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		140	W	12.80			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		150	W	12.70			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		160	W	12.40			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		170	W	12.20			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		180	W	12.00			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		190	W	11.60			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		200	W	10.90			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		210	W	10.20			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		220	W	10.10			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		230	W	09.60			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		240	W	09.50			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		250	W	09.20			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		260	W	09.00			710	73
16	12	67	14.3	RR	SH11	37	10	74	29	940		04	31	08		275	W	07.80	R	35.15	710	73
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		0	C	10.03	R	33.26	710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		5	W	09.90			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		10	W	09.90			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		15	C	10.17			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		25	W	10.60	R	33.32	710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		40	W	11.30			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		50	W	11.40	R	33.98	710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		60	W	11.30			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		75	W	12.10	R	34.12	710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		90	W	12.00			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		100	W	12.50	R	34.34	710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800		04	31	10		110	W	12.70			710	88

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰		
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			125	W	12.80	R	34.91	710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			140	W	12.70			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			150	W	12.40	R	35.39	710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			160	W	12.00			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			175	W	11.60	R	35.50	710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			190	W	11.00			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			200	W	10.70	R	35.48	710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			210	W	10.20			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			225	W	10.00	R	35.42	710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			240	W	09.80			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			250	W	09.50	R	35.33	710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			260	W	09.10			710	88
16	12	67	15.0	RR	SH11	37	10	74	09	1800			04	31	10			275	W	08.80	R	35.26	710	88
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			0	C	10.83	R	33.73	700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			5	W	10.80			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			10	W	10.90			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			15	C	10.93			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			20	W	11.20			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			25	W	11.00	R	33.86	700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			40	W	11.50			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			50	W	11.20	R	34.03	700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			60	W	11.50			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			75	W	11.50	R	34.13	700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			90	W	11.90			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			100	W	12.20	R	34.47	700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			125	W	12.80	R	34.88	700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			140	W	12.80			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			150	W	12.50	R	35.23	700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			160	W	12.60			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			175	W	12.00	R	35.47	700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			190	W	11.60			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			200	W	11.10	R	35.47	700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			225	W	10.10	R	35.48	700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			240	W	09.70			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			250	W	09.10			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			260	W	09.00			700	73
16	12	67	17.1	RR	SH11	37	00	74	29	160			06	31	13			270	W	08.70	R	35.25	700	73
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			0	C	09.92	R	33.30	700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			15	C	09.92			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			20	W	09.90			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			30	W	09.90			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			40	W	10.10			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			50	W	10.90			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			60	W	11.50			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			70	W	11.50			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			80	W	11.60			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			90	W	12.00			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			100	W	12.10			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			110	W	12.20			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			120	W	12.60			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			130	W	12.70			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			140	W	12.60			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			150	W	12.50			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			160	W	12.20			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			170	W	11.80			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			175			R	35.11	700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			180	W	11.20			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			190	W	10.70			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			200	W	10.70			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			210	W	10.30			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			220	W	09.70			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			230	W	09.40			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			240	W	09.00			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			250	W	08.70			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			260	W	08.40			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			270	W	08.40			700	68
17	12	67	07.1	RR	SH11	37	00	74	350	540			07	34	08			280	W	08.40			700	68
17	12	67	08.0	RR	SH11	37	00	74	38	180			06	34	08			0	C	10.05	R	33.29	700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180			06	34	08			10	W	10.10			700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180			06	34	08			15	C	10.10			700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180			06	34	08			20	W	10.10			700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180			06	34	08			25	W	10.20	R	33.31	700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180			06	34	08			30	W	10.20			700	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		40	W	10.50			700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		50	W	10.40			700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		60	W	10.70			700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		75	W	11.10	R	33.83	700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		90	W	11.70			700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		100	W	12.00	R	34.16	700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		110	W	12.80			700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		125	W	12.90	R	34.89	700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		140	W	12.40			700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		150	W	12.70	R	35.44	700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		160	W	12.70			700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		175	W	12.20	R	35.48	700	66
17	12	67	08.0	RR	SH11	37	00	74	38	180		06	34	08		190	W	12.00			700	66
17	12	67	09.0	RR	SH11	37	00	74	45	87		07	34	08		0	C	10.18	R	33.28	700	60
17	12	67	09.0	RR	SH11	37	00	74	45	87		07	34	08		10	W	10.20	R	33.23	700	60
17	12	67	09.0	RR	SH11	37	00	74	45	87		07	34	08		15	C	10.23			700	60
17	12	67	09.0	RR	SH11	37	00	74	45	87		07	34	08		20	W	10.20	R	33.25	700	60
17	12	67	09.0	RR	SH11	37	00	74	45	87		07	34	08		30	W	10.20	R	33.23	700	60
17	12	67	09.0	RR	SH11	37	00	74	45	87		07	34	08		40	W	10.20	R	33.23	700	60
17	12	67	09.0	RR	SH11	37	00	74	45	87		07	34	08		50	W	10.20	R	33.23	700	60
17	12	67	09.0	RR	SH11	37	00	74	45	87		07	34	08		60	W	10.20	R	33.23	700	60
17	12	67	09.0	RR	SH11	37	00	74	45	87		07	34	08		70	W	10.20	R	33.23	700	60
17	12	67	09.0	RR	SH11	37	00	74	45	87		07	34	08		80	W	11.20	R	33.66	700	60
17	12	67	09.0	RR	SH11	37	00	74	45	87		07	34	08		87	W	12.00	R	34.59	700	60
17	12	67	10.4	RR	SH11	37	00	74	58	46		07	34	08		0	C	10.14	R	33.17	700	50
17	12	67	10.4	RR	SH11	37	00	74	58	46		07	34	08		10	W	10.20	R	33.12	700	50
17	12	67	10.4	RR	SH11	37	00	74	58	46		07	34	08		15	C	10.18			700	50
17	12	67	10.4	RR	SH11	37	00	74	58	46		07	34	08		20	W	10.20	R	33.12	700	50
17	12	67	10.4	RR	SH11	37	00	74	58	46		07	34	08		30	W	10.20	R	33.12	700	50
17	12	67	10.4	RR	SH11	37	00	74	58	46		07	34	08		40	W	10.20	R	33.13	700	50
17	12	67	10.4	RR	SH11	37	00	74	58	46		07	34	08		46	W	10.20	R	33.13	700	50
17	12	67	12.5	RR	SH11	37	00	75	22	30		07	34	05		0	C	10.05	R	32.95	700	30
17	12	67	12.5	RR	SH11	37	00	75	22	30		07	34	05		5	W	10.10	R	32.92	700	30
17	12	67	12.5	RR	SH11	37	00	75	22	30		07	34	05		10	W	10.10	R	32.88	700	30
17	12	67	12.5	RR	SH11	37	00	75	22	30		07	34	05		15	C	10.08	R	32.87	700	30
17	12	67	12.5	RR	SH11	37	00	75	22	30		07	34	05		20	W	10.10	R	32.87	700	30
17	12	67	12.5	RR	SH11	37	00	75	22	30		07	34	05		25	W	10.10	R	32.90	700	30
17	12	67	12.5	RR	SH11	37	00	75	22	30		07	34	05		30	W	10.10	R	32.94	700	30
17	12	67	14.7	RR	SH11	37	00	75	47	14		09	00	00		0	C	09.54	R	31.87	700	10
17	12	67	14.7	RR	SH11	37	00	75	47	14		09	00	00		3	W	09.20	R	31.81	700	10
17	12	67	14.7	RR	SH11	37	00	75	47	14		09	00	00		6	W	09.20	R	31.82	700	10
17	12	67	14.7	RR	SH11	37	00	75	47	14		09	00	00		9	W	09.20	R	31.82	700	10
17	12	67	14.7	RR	SH11	37	00	75	47	14		09	00	00		12	W	09.20	R	31.84	700	10
17	12	67	14.7	RR	SH11	37	00	75	47	14		09	00	00		15	C	09.23			700	10
17	12	67	16.5	RR	SH11	36	500	75	47	19		12	13	04		0	C	08.56	R	27.14	650	10
17	12	67	16.5	RR	SH11	36	500	75	47	19		12	13	04		3	C	09.03	R	31.31	650	10
17	12	67	16.5	RR	SH11	36	500	75	47	19		12	13	04		6	C	09.52	R	31.82	650	10
17	12	67	16.5	RR	SH11	36	500	75	47	19		12	13	04		9	C	09.88	R	31.94	650	10
17	12	67	16.5	RR	SH11	36	500	75	47	19		12	13	04		12	C	09.78	R	32.01	650	10
17	12	67	16.5	RR	SH11	36	500	75	47	19		12	13	04		15	C	10.05	R	32.24	650	10
17	12	67	16.5	RR	SH11	36	500	75	47	19		12	13	04		18	W	10.00	R	32.26	650	10
17	12	67	17.4	RR	SH11	36	500	75	47	18		08	13	05		0	C	08.50	R	26.72	650	10
17	12	67	17.4	RR	SH11	36	500	75	47	18		08	13	05		3	C	08.52	R	26.16	650	10
17	12	67	17.4	RR	SH11	36	500	75	47	18		08	13	05		6	C	09.48	R	29.14	650	10
17	12	67	17.4	RR	SH11	36	500	75	47	18		08	13	05		9	C	09.85	R	31.37	650	10
17	12	67	17.4	RR	SH11	36	500	75	47	18		08	13	05		12	C	09.89	R	31.92	650	10
17	12	67	17.4	RR	SH11	36	500	75	47	18		08	13	05		15	C	10.06	R	32.19	650	10
17	12	67	17.4	RR	SH11	36	500	75	47	18		08	13	05		18	W	10.00	R	32.24	650	10
17	12	67	18.3	RR	SH11	36	500	75	47	18		09	14	04		0	C	08.58	R	25.60	650	10
17	12	67	18.3	RR	SH11	36	500	75	47	18		09	14	04		3	C	09.07	R	26.24	650	10
17	12	67	18.3	RR	SH11	36	500	75	47	18		09	14	04		6	C	09.86	R	29.01	650	10
17	12	67	18.3	RR	SH11	36	500	75	47	18		09	14	04		9	C	09.86	R	31.12	650	10
17	12	67	18.3	RR	SH11	36	500	75	47	18		09	14	04		12	C	10.02	R	31.95	650	10
17	12	67	18.3	RR	SH11	36	500	75	47	18		09	14	04		15	C	10.04	R	32.24	650	10
17	12	67	18.3	RR	SH11	36	500	75	47	18		09	14	04		18	W	10.00	R	32.27	650	10
17	12	67	19.3	RR	SH11	36	500	75	47	18		09	17	04		0	C	08.36	R	27.19	650	10
17	12	67	19.3	RR	SH11	36	500	75	47	18		09	17	04		3	C	08.81	R	27.99	650	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
17	12	67	19.3	RR	SH11	36	500	75	47	18			09	17	04			6	C	08.91	R	29.88	650	10
17	12	67	19.3	RR	SH11	36	500	75	47	18			09	17	04			9	C	09.86	R	31.76	650	10
17	12	67	19.3	RR	SH11	36	500	75	47	18			09	17	04			12	C	10.00	R	32.14	650	10
17	12	67	19.3	RR	SH11	36	500	75	47	18			09	17	04			15	C	10.04	R	32.26	650	10
17	12	67	19.3	RR	SH11	36	500	75	47	18			09	17	04			18	W	10.00	R	32.26	650	10
17	12	67	20.3	RR	SH11	36	500	75	47	18			09	17	05			0	C	08.25	R	25.20	650	10
17	12	67	20.3	RR	SH11	36	500	75	47	18			09	17	05			3	C	08.65	R	26.54	650	10
17	12	67	20.3	RR	SH11	36	500	75	47	18			09	17	05			6	C	08.95	R	28.49	650	10
17	12	67	20.3	RR	SH11	36	500	75	47	18			09	17	05			9	C	09.92	R	31.12	650	10
17	12	67	20.3	RR	SH11	36	500	75	47	18			09	17	05			12	C	10.02	R	32.17	650	10
17	12	67	20.3	RR	SH11	36	500	75	47	18			09	17	05			15	C	10.03	R	32.28	650	10
17	12	67	20.3	RR	SH11	36	500	75	47	18			09	17	05			18	W	10.00	R	30.90	650	10
17	12	67	21.4	RR	SH11	36	500	75	47	18			09	17	05			0	C	08.28	R	25.32	650	10
17	12	67	21.4	RR	SH11	36	500	75	47	18			09	17	05			3	C	08.36	R	27.40	650	10
17	12	67	21.4	RR	SH11	36	500	75	47	18			09	17	05			6	C	09.36	R	30.39	650	10
17	12	67	21.4	RR	SH11	36	500	75	47	18			09	17	05			9	C	10.01	R	31.64	650	10
17	12	67	21.4	RR	SH11	36	500	75	47	18			09	17	05			12	C	10.02	R	32.20	650	10
17	12	67	21.4	RR	SH11	36	500	75	47	18			09	17	05			15	C	10.02	R	32.32	650	10
17	12	67	21.4	RR	SH11	36	500	75	47	18			09	17	05			18	W	10.00	R	32.33	650	10
17	12	67	22.3	RR	SH11	36	500	75	47	18			09	17	04			0	C	08.17	R	28.40	650	10
17	12	67	22.3	RR	SH11	36	500	75	47	18			09	17	04			3	C	08.53	R	25.86	650	10
17	12	67	22.3	RR	SH11	36	500	75	47	18			09	17	04			6	C	09.60	R	29.05	650	10
17	12	67	22.3	RR	SH11	36	500	75	47	18			09	17	04			9	C	10.01	R	30.97	650	10
17	12	67	22.3	RR	SH11	36	500	75	47	18			09	17	04			12	C	10.01	R	32.11	650	10
17	12	67	22.3	RR	SH11	36	500	75	47	18			09	17	04			15	C	10.04	R	32.34	650	10
17	12	67	22.3	RR	SH11	36	500	75	47	18			09	17	04			18	W	10.00	R	32.36	650	10
17	12	67	23.3	RR	SH11	36	500	75	47	18			09	17	04			0	C	08.09	R	28.58	650	10
17	12	67	23.3	RR	SH11	36	500	75	47	18			09	17	04			3	C	08.56	R	25.75	650	10
17	12	67	23.3	RR	SH11	36	500	75	47	18			09	17	04			6	C	09.65	R	27.96	650	10
17	12	67	23.3	RR	SH11	36	500	75	47	18			09	17	04			9	C	10.01	R	30.47	650	10
17	12	67	23.3	RR	SH11	36	500	75	47	18			09	17	04			12	C	10.03	R	32.13	650	10
17	12	67	23.3	RR	SH11	36	500	75	47	18			09	17	04			15	C	10.04	R	32.33	650	10
17	12	67	23.3	RR	SH11	36	500	75	47	18			09	17	04			18	W	10.00	R	32.35	650	10
18	12	67	00.4	RR	SH11	36	500	75	47	18			09	17	05			0	C	08.15	R	25.11	650	10
18	12	67	00.4	RR	SH11	36	500	75	47	18			09	17	05			3	C	08.28	R	25.57	650	10
18	12	67	00.4	RR	SH11	36	500	75	47	18			09	17	05			6	C	09.48	R	27.52	650	10
18	12	67	00.4	RR	SH11	36	500	75	47	18			09	17	05			9	C	09.97	R	30.35	650	10
18	12	67	00.4	RR	SH11	36	500	75	47	18			09	17	05			12	C	10.03	R	32.01	650	10
18	12	67	00.4	RR	SH11	36	500	75	47	18			09	17	05			15	C	10.06	R	32.30	650	10
18	12	67	00.4	RR	SH11	36	500	75	47	18			09	17	05			18	W	10.00	R	32.33	650	10
18	12	67	01.4	RR	SH11	36	500	75	47	18			09	17	08			0	C	08.07	R	25.19	650	10
18	12	67	01.4	RR	SH11	36	500	75	47	18			09	17	08			3	C	08.14	R	25.43	650	10
18	12	67	01.4	RR	SH11	36	500	75	47	18			09	17	08			6	C	09.35	R	27.99	650	10
18	12	67	01.4	RR	SH11	36	500	75	47	18			09	17	08			9	C	09.95	R	30.42	650	10
18	12	67	01.4	RR	SH11	36	500	75	47	18			09	17	08			12	C	10.00	R	31.88	650	10
18	12	67	01.4	RR	SH11	36	500	75	47	18			09	17	08			15	C	10.03	R	32.28	650	10
18	12	67	01.4	RR	SH11	36	500	75	47	18			09	17	08			18	W	10.00	R	32.32	650	10
18	12	67	02.5	RR	SH11	36	500	75	47	18			09	17	05			0	C	08.05	R	27.03	650	10
18	12	67	02.5	RR	SH11	36	500	75	47	18			09	17	05			3	C	08.55	R	27.73	650	10
18	12	67	02.5	RR	SH11	36	500	75	47	18			09	17	05			6	C	09.32	R	24.89	650	10
18	12	67	02.5	RR	SH11	36	500	75	47	18			09	17	05			9	C	09.92	R	30.42	650	10
18	12	67	02.5	RR	SH11	36	500	75	47	18			09	17	05			12	C	10.01	R	31.84	650	10
18	12	67	02.5	RR	SH11	36	500	75	47	18			09	17	05			15	C	10.03	R	32.27	650	10
18	12	67	02.5	RR	SH11	36	500	75	47	18			09	17	05			18	W	10.00	R	32.29	650	10
18	12	67	03.4	RR	SH11	36	500	75	47	18			09	18	04			0	C	07.88	R	24.45	650	10
18	12	67	03.4	RR	SH11	36	500	75	47	18			09	18	04			3	C	07.90	R	24.56	650	10
18	12	67	03.4	RR	SH11	36	500	75	47	18			09	18	04			6	C	08.12	R	27.71	650	10
18	12	67	03.4	RR	SH11	36	500	75	47	18			09	18	04			9	C	09.85	R	30.52	650	10
18	12	67	03.4	RR	SH11	36	500	75	47	18			09	18	04			12	C	09.99	R	31.91	650	10
18	12	67	03.4	RR	SH11	36	500	75	47	18			09	18	04			15	C	10.04	R	32.28	650	10
18	12	67	03.4	RR	SH11	36	500	75	47	18			09	18	04			18	W	10.00	R	32.30	650	10
18	12	67	04.4	RR	SH11	36	500	75	47	18			09	17	04			0	C	07.88	R	24.49	650	10
18	12	67	04.4	RR	SH11	36	500	75	47	18			09	17	04			3	C	07.89	R	24.44	650	10
18	12	67	04.4	RR	SH11	36	500	75	47	18			09	17	04			6	C	09.18	R	26.04	650	10
18	12	67	04.4	RR	SH11	36	500	75	47	18			09	17	04			9	C	09.88	R	30.11	650	10
18	12	67	04.4	RR	SH11	36	500	75	47	18			09	17	04			12	C	09.96	R	31.78	650	10
18	12	67	04.4	RR	SH11	36	500	75	47	18			09	17	04			15	C	10.11	R	32.19	650	10
18	12	67	04.4	RR	SH11	36	500	75	47	18			09	17	04			18	W	10.10	R	32.32	650	10
18	12	67	05.3	RR	SH11	36	500	75	47	18			09	17	04			0	C	07.89	R	24.34	650	10
18	12	67	05.3	RR	SH11	36	500	75	47	18			09	17	04			3	C	07.92	R	24.73	650	10
18	12	67	05.3	RR	SH11	36	500	75	47	18			09	17	04			6	C	08.23	R	28.17	650	10
18	12	67	05.3	RR	SH11	36	500	75	47	18			09	17	04			9	C	09.92	R	31.17	650	10
18	12	67	05.3	RR	SH11	36	500	75	47	18			09	17	04			12	C	10.04	R	32.06	650	10
18	12	67	05.3	RR	SH11	36	500	75	47	18			09	17	04			15	C	10.05	R	32.27	650	10
18	12	67	05.3	RR	SH11	36	500	75	47	18			09	17	04			18	W	10.00	R	32.32	650	10

SHS 1-68 15 to 18 January 1968

Stations Sampled

650-10	700-10	710-15
650-20	700-20	710-20
650-30	700-30	710-30
650-40	700-40	710-40
650-50	700-50	710-50
650-55	700-55	710-55
650-60	700-60	710-60
650-65	700-67	710-65
650-70	700-70	
650-75	700-75	

Sampling Sequence

Date	Time	Station
15 Jan.	11.5	710-15
	12.3	710-20
	13.3	710-30
	14.4	710-40
	15.7	710-50
	16.5	710-55
	17.3	710-60
16 Jan.	07.4	710-60
	08.2	710-65
17 Jan.	06.7	700-20
	08.2	700-30
	09.5	700-40
	10.7	700-50
	11.3	700-55
	12.2	700-60
	13.2	700-67
	14.3	700-70
	15.1	700-75
	17.2	650-75
	18.4	650-70
	19.3	650-65
	20.3	650-60
	21.2	650-55
	21.7	650-50
18 Jan.	07.0	650-40
	08.3	650-30
	09.9	650-20
	11.0	650-10
	12.5	700-10

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
15	01	68	11.5	RR	SH01	37	100	75	41	18			03	24	12			0	C	03.52	R	31.49	710	15
15	01	68	11.5	RR	SH01	37	100	75	41	18			03	24	12			5	W	03.50	R	31.48	710	15
15	01	68	11.5	RR	SH01	37	100	75	41	18			03	24	12			10	W	03.50	R	31.46	710	15
15	01	68	11.5	RR	SH01	37	100	75	41	18			03	24	12			15	C	03.50	R	31.47	710	15
15	01	68	12.3	RR	SH01	37	10	75	35	21			02	24	13			0	C	04.21	R	31.72	710	20
15	01	68	12.3	RR	SH01	37	10	75	35	21			02	24	13			5	W	04.20			710	20
15	01	68	12.3	RR	SH01	37	10	75	35	21			02	24	13			10	W	04.20			710	20
15	01	68	12.3	RR	SH01	37	10	75	35	21			02	24	13			15	C	04.19			710	20
15	01	68	12.3	RR	SH01	37	10	75	35	21			02	24	13			20	W	04.20	R	31.72	710	20
15	01	68	13.3	RR	SH01	37	10	75	22	30			02	24	13			0	C	05.20	R	32.18	710	30
15	01	68	13.3	RR	SH01	37	10	75	22	30			02	24	13			5	W	05.20	R	32.19	710	30
15	01	68	13.3	RR	SH01	37	10	75	22	30			02	24	13			10	W	05.20	R	32.18	710	30
15	01	68	13.3	RR	SH01	37	10	75	22	30			02	24	13			15	C	05.22	R	32.21	710	30
15	01	68	13.3	RR	SH01	37	10	75	22	30			02	24	13			20	W	05.20	R	32.16	710	30
15	01	68	13.3	RR	SH01	37	10	75	22	30			02	24	13			25	W	05.20	R	32.16	710	30
15	01	68	13.3	RR	SH01	37	10	75	22	30			02	24	13			30	W	05.20	R	32.20	710	30
15	01	68	14.4	RR	SH01	37	10	75	10	30			03	24	13			0	C	06.39	R	32.81	710	40
15	01	68	14.4	RR	SH01	37	10	75	10	30			03	24	13			5	W	06.40			710	40
15	01	68	14.4	RR	SH01	37	10	75	10	30			03	24	13			10	W	06.40			710	40
15	01	68	14.4	RR	SH01	37	10	75	10	30			03	24	13			15	C	06.43			710	40
15	01	68	14.4	RR	SH01	37	10	75	10	30			03	24	13			20	W	06.40			710	40
15	01	68	14.4	RR	SH01	37	10	75	10	30			03	24	13			25	W	06.40			710	40
15	01	68	14.4	RR	SH01	37	10	75	10	30			03	24	13			30	W	06.40	R	32.79	710	40
15	01	68	15.7	RR	SH01	37	10	74	57	44			04	25	17			0	C	07.34	R	33.20	710	50
15	01	68	15.7	RR	SH01	37	10	74	57	44			04	25	17			5	W	07.40	R	33.17	710	50
15	01	68	15.7	RR	SH01	37	10	74	57	44			04	25	17			10	W	07.40	R	33.19	710	50
15	01	68	15.7	RR	SH01	37	10	74	57	44			04	25	17			15	C	07.40	R	33.18	710	50
15	01	68	15.7	RR	SH01	37	10	74	57	44			04	25	17			20	W	07.40	R	33.22	710	50
15	01	68	15.7	RR	SH01	37	10	74	57	44			04	25	17			25	W	07.40	R	33.16	710	50
15	01	68	15.7	RR	SH01	37	10	74	57	44			04	25	17			30	W	07.40	R	33.16	710	50
15	01	68	15.7	RR	SH01	37	10	74	57	44			04	25	17			35	W	07.40	R	33.16	710	50
15	01	68	15.7	RR	SH01	37	10	74	57	44			04	25	17			40	W	07.40	R	33.20	710	50
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			0	C	07.69	R	33.33	710	55
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			5	W	07.70			710	55
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			10	W	07.70			710	55
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			15	C	07.73			710	55
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			20	W	07.70			710	55
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			25	W	07.70			710	55
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			30	W	07.70			710	55
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			35	W	07.70			710	55
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			40	W	07.70			710	55
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			45	W	07.70			710	55
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			50	W	07.70			710	55
15	01	68	16.5	RR	SH01	37	10	74	51	57			03	24	13			57	W	07.70	R	33.32	710	55
15	01	68	17.3	RR	SH01	37	10	74	45	75			04	26	14			0	C	07.79	R	33.48	710	60
15	01	68	17.3	RR	SH01	37	10	74	45	75			04	26	14			5	W	07.80			710	60
15	01	68	17.3	RR	SH01	37	10	74	45	75			04	26	14			10	W	07.80			710	60
15	01	68	17.3	RR	SH01	37	10	74	45	75			04	26	14			15	C	07.86			710	60
15	01	68	17.3	RR	SH01	37	10	74	45	75			04	26	14			20	W	07.90			710	60
15	01	68	17.3	RR	SH01	37	10	74	45	75			04	26	14			25	W	07.90			710	60
15	01	68	17.3	RR	SH01	37	10	74	45	75			04	26	14			30	W	07.90			710	60
15	01	68	17.3	RR	SH01	37	10	74	45	75			04	26	14			40	W	08.00			710	60
15	01	68	17.3	RR	SH01	37	10	74	45	75			04	26	14			50	W	08.40			710	60
15	01	68	17.3	RR	SH01	37	10	74	45	75			04	26	14			60	W	08.60			710	60
15	01	68	17.3	RR	SH01	37	10	74	45	75			04	26	14			70	W	08.70			710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			0	C	07.84	R	34.48	710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			5	W	07.90			710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			10	W	07.90			710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			15	C	07.91			710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			20	W	07.90			710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			25	W	07.90			710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			30	W	07.90			710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			35	W	07.90			710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			40	W	07.90			710	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		STATION DESIGNATION				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			45	W	08.20					710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			50	W	08.30					710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			60	W	09.40	R	33.51			710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			70	W	09.80					710	60
16	01	68	07.4	RR	SH01	37	10	74	45	75			03	31	14			75	W	10.00	R	34.05			710	60
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			0	C	08.75	R	33.87			710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			5	W	08.80					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			10	W	08.80					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			15	C	08.79					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			20	W	08.80					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			25	W	08.80					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			30	W	08.80					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			35	W	08.80					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			40	W	09.00					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			45	W	09.30					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			50	W	10.00					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			60	W	10.10					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			70	W	10.20					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			80	W	10.30					710	65
16	01	68	08.2	RR	SH01	37	10	74	39	95			02	33	10			95	W	11.50	R	34.72			710	65
17	01	68	06.7	RR	SH01	37	00	75	35	27			02	32	02			0	C	04.98	R	32.28			700	20
17	01	68	06.7	RR	SH01	37	00	75	35	27			02	32	02			5	W	05.00					700	20
17	01	68	06.7	RR	SH01	37	00	75	35	27			02	32	02			10	W	05.00	R	32.22			700	20
17	01	68	06.7	RR	SH01	37	00	75	35	27			02	32	02			15	C	05.03					700	20
17	01	68	06.7	RR	SH01	37	00	75	35	27			02	32	02			20	W	05.00					700	20
17	01	68	06.7	RR	SH01	37	00	75	35	27			02	32	02			25	W	05.00	R	32.23			700	20
17	01	68	08.2	RR	SH01	37	00	75	23	31			03	02	03			0	C	05.61	R	32.50			700	30
17	01	68	08.2	RR	SH01	37	00	75	23	31			03	02	03			5	W	05.60	R	32.46			700	30
17	01	68	08.2	RR	SH01	37	00	75	23	31			03	02	03			10	W	05.60	R	32.46			700	30
17	01	68	08.2	RR	SH01	37	00	75	23	31			03	02	03			15	C	05.62	R	32.46			700	30
17	01	68	08.2	RR	SH01	37	00	75	23	31			03	02	03			20	W	05.60	R	32.45			700	30
17	01	68	08.2	RR	SH01	37	00	75	23	31			03	02	03			25	W	05.60	R	32.46			700	30
17	01	68	08.2	RR	SH01	37	00	75	23	31			03	02	03			30	W	05.60	R	32.44			700	30
17	01	68	09.5	RR	SH01	37	00	75	10	40			05	02	03			0	C	07.50	R	33.31			700	40
17	01	68	09.5	RR	SH01	37	00	75	10	40			05	02	03			5	W	07.50					700	40
17	01	68	09.5	RR	SH01	37	00	75	10	40			05	02	03			10	W	07.50					700	40
17	01	68	09.5	RR	SH01	37	00	75	10	40			05	02	03			15	C	07.53					700	40
17	01	68	09.5	RR	SH01	37	00	75	10	40			05	02	03			20	W	07.50					700	40
17	01	68	09.5	RR	SH01	37	00	75	10	40			05	02	03			25	W	07.50	R	33.29			700	40
17	01	68	09.5	RR	SH01	37	00	75	10	40			05	02	03			30	W	07.50					700	40
17	01	68	09.5	RR	SH01	37	00	75	10	40			05	02	03			35	W	07.50					700	40
17	01	68	09.5	RR	SH01	37	00	75	10	40			05	02	03			40	W	07.50	R	33.32			700	40
17	01	68	10.7	RR	SH01	37	00	74	57	46			05	02	03			0	C	07.73	R	33.40			700	50
17	01	68	10.7	RR	SH01	37	00	74	57	46			05	02	03			5	W	07.70	R	33.37			700	50
17	01	68	10.7	RR	SH01	37	00	74	57	46			05	02	03			10	W	07.70	R	33.36			700	50
17	01	68	10.7	RR	SH01	37	00	74	57	46			05	02	03			15	C	07.72	R	33.35			700	50
17	01	68	10.7	RR	SH01	37	00	74	57	46			05	02	03			20	W	07.70	R	33.35			700	50
17	01	68	10.7	RR	SH01	37	00	74	57	46			05	02	03			25	W	07.70	R	33.35			700	50
17	01	68	10.7	RR	SH01	37	00	74	57	46			05	02	03			30	W	07.70	R	33.35			700	50
17	01	68	10.7	RR	SH01	37	00	74	57	46			05	02	03			35	W	07.70	R	33.35			700	50
17	01	68	10.7	RR	SH01	37	00	74	57	46			05	02	03			40	W	07.70	R	33.35			700	50
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			0	C	07.95	R	33.57			700	55
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			5	W	08.00					700	55
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			10	W	08.00					700	55
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			15	C	07.98					700	55
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			20	W	08.00					700	55
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			25	W	08.00					700	55
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			30	W	08.00	R	33.50			700	55
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			35	W	08.00					700	55
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			40	W	08.00					700	55
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			45	W	08.00					700	55
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			50	W	08.00					700	55
17	01	68	11.3	RR	SH01	37	00	74	51	58			05	02	03			58	W	08.00	R	33.51			700	55

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			0	C	08.42	R	33.64	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			5	W	08.40	R	33.63	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			10	W	08.40	R	33.63	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			15	C	08.40	R	33.24	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			20	W	08.40	R	33.66	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			25	W	08.40	R	33.64	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			30	W	08.40	R	33.64	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			35	W	08.40	R	33.66	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			40	W	08.40	R	33.64	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			50	W	08.40	R	33.65	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			60	W	08.40	R	33.65	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			70	W	08.40	R	33.66	700	60
17	01	68	12.2	RR	SH01	37	00	74	45	86			04	01	04			80	W	08.40	R	34.57	700	60
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			0	C	09.16	R	33.91	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			5	W	09.20	R	33.87	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			10	W	09.20	R	33.87	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			15	C	09.17	R	33.87	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			20	W	09.20	R	33.89	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			25	W	09.20	R	33.88	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			30	W	09.20	R	33.89	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			40	W	09.20	R	33.91	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			50	W	09.20	R	33.96	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			60	W	09.30	R	34.02	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			70	W	09.50	R	34.04	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			80	W	10.10	R	34.11	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			90	W	10.30	R	34.23	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			100	W	10.70	R	34.36	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			120	W	11.50	R	35.30	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			140	W	11.00	R	35.34	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			160	W	10.70	R	35.30	700	67
17	01	68	13.2	RR	SH01	37	00	74	37	180			03	01	04			180	W	10.50	R	35.28	700	67
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			0	C	10.83	R	34.39	700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			5	W	10.90			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			10	W	10.90			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			15	C	10.89			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			20	W	10.90			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			25	W	11.10			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			30	W	11.20			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			35	W	11.20			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			40	W	11.40			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			45	W	11.60			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			50	W	11.80			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			60	W	11.90			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			70	W	11.90			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			80	W	11.50			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			90	W	11.40			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			100	W	11.60			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			120	W	12.80			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			140	W	13.10	R	35.43	700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			160	W	11.50			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			180	W	11.10			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			200	W	10.00			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			220	W	09.10			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			240	W	08.40			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			260	W	08.10			700	70
17	01	68	14.3	RR	SH01	37	00	74	47	200			04	36	05			275	W	07.80	R	35.06	700	70
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			0	C	11.82	R	34.74	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			5	W	11.80	R	34.58	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			10	W	11.90	R	34.57	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			15	C	11.89	R	34.61	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			20	W	11.90	R	34.60	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			25	W	11.90	R	34.60	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			30	W	11.90	R	34.62	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			40	W	11.90	R	34.62	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			50	W	11.90	R	34.63	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			60	W	11.90	R	34.61	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			70	W	11.90	R	34.64	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			80	W	11.90	R	34.62	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			90	W	11.90	R	34.64	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			100	W	12.00	R	35.02	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			120	W	12.20	R	35.11	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			140	W	11.90	R	35.32	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			160	W	11.80	R	35.38	700	75

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰		
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			180	W	10.70	R	35.34	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			200	W	09.90	R	35.27	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			220	W	09.20	R	35.20	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			240	W	08.70	R	35.16	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			260	W	08.30	R	35.12	700	75
17	01	68	15.1	RR	SH01	37	00	74	27	1800			05	36	04			275	W	07.50			700	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			0	C	09.78	R	34.17	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			5	W	09.80	R	34.12	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			10	W	09.80	R	34.12	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			15	C	09.82	R	34.12	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			20	W	09.80	R	34.11	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			25	W	09.80	R	34.11	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			30	W	09.80	R	34.13	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			40	W	09.80	R	34.16	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			50	W	09.80	R	34.13	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			60	W	09.80	R	34.14	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			70	W	09.80	R	34.16	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			80	W	09.90	R	34.16	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			90	W	10.40	R	34.83	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			100	W	11.60	R	34.42	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			120	W	13.00	R	35.25	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			140	W	13.20	R	35.43	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			160	W	13.00	R	35.47	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			180	W	12.00	R	35.37	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			200	W	11.50	R	35.39	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			220	W	11.10	R	35.36	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			240	W	10.30	R	35.30	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			260	W	09.40	R	35.23	650	75
17	01	68	17.2	RR	SH01	36	50	74	27	890			06	36	03			270	W	08.90	R	35.18	650	75
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			0	C	13.15	R	35.07	650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			10	W	13.20			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			20	C	13.30			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			30	W	13.30			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			40	W	13.30			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			50	W	13.30			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			60	W	13.30			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			70	W	13.30			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			80	W	13.30			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			90	W	12.80			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			100	W	12.80			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			120	W	13.00			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			140	W	13.00	R	35.44	650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			160	W	12.50			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			180	W	11.40			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			200	W	10.70			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			220	W	10.10			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			240	W	09.50			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			260	W	09.10			650	70
17	01	68	18.4	RR	SH01	36	50	74	39	1400			05	00	00			275	W	08.40	R	35.16	650	70
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			0	C	08.90	R	33.90	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			5	W	08.90	R	33.82	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			10	W	08.90	R	33.81	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			15	C	09.00	R	33.82	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			20	W	09.00	R	33.81	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			25	W	09.10	R	33.80	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			30	W	09.10	R	33.83	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			40	W	09.10	R	33.87	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			50	W	09.20	R	33.89	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			60	W	09.30	R	33.92	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			70	W	09.50	R	34.00	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			80	W	09.70	R	34.05	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			90	W	09.90	R	34.12	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			100	W	10.10	R	34.18	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			120	W	11.40	R	34.93	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			140	W	10.00	R	35.28	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			160	W	10.05	R	35.24	650	65
17	01	68	19.3	RR	SH01	36	50	74	38	180			05	00	00			180	W	10.00	R	35.24	650	65
17	01	68	20.3	RR	SH01	36	50	74	45	73			04	00	00			0	C	08.30	R	33.59	650	60
17	01	68	20.3	RR	SH01	36	50	74	45	73			04	00	00			5	W	08.30	R	33.57	650	60
17	01	68	20.3	RR	SH01	36	50	74	45	73			04	00	00			10	W	08.30	R	33.56	650	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
17	01	68	20.3	RR	SH01	36	50	74	45	73			04	00	00			15	C	08.35	R	33.60	650	60
17	01	68	20.3	RR	SH01	36	50	74	45	73			04	00	00			20	W	08.35	R	33.56	650	60
17	01	68	20.3	RR	SH01	36	50	74	45	73			04	00	00			25	W	08.40	R	33.57	650	60
17	01	68	20.3	RR	SH01	36	50	74	45	73			04	00	00			30	W	08.40	R	33.57	650	60
17	01	68	20.3	RR	SH01	36	50	74	45	73			04	00	00			40	W	08.40	R	33.57	650	60
17	01	68	20.3	RR	SH01	36	50	74	45	73			04	00	00			50	W	08.45	R	33.59	650	60
17	01	68	20.3	RR	SH01	36	50	74	45	73			04	00	00			60	W	08.70	R	33.70	650	60
17	01	68	20.3	RR	SH01	36	50	74	45	73			04	00	00			70	W	09.30	R	33.91	650	60
17	01	68	21.2	RR	SH01	36	50	74	51	50			06	00	00			0	C	07.67	R	33.43	650	55
17	01	68	21.2	RR	SH01	36	50	74	51	50			06	00	00			5	W	07.70			650	55
17	01	68	21.2	RR	SH01	36	50	74	51	50			06	00	00			10	W	07.70			650	55
17	01	68	21.2	RR	SH01	36	50	74	51	50			06	00	00			15	C	07.80			650	55
17	01	68	21.2	RR	SH01	36	50	74	51	50			06	00	00			20	W	07.80			650	55
17	01	68	21.2	RR	SH01	36	50	74	51	50			06	00	00			25	W	07.80			650	55
17	01	68	21.2	RR	SH01	36	50	74	51	50			06	00	00			30	W	07.80	R	33.40	650	55
17	01	68	21.2	RR	SH01	36	50	74	51	50			06	00	00			35	W	07.80			650	55
17	01	68	21.2	RR	SH01	36	50	74	51	50			06	00	00			40	W	07.80			650	55
17	01	68	21.2	RR	SH01	36	50	74	51	50			06	00	00			45	W	07.80	R	33.39	650	55
17	01	68	21.2	RR	SH01	36	50	74	51	50			06	00	00			50	W	07.80			650	55
17	01	68	21.7	RR	SH01	36	50	74	58	36			06	00	00			0	C	07.07	R	33.12	650	50
17	01	68	21.7	RR	SH01	36	50	74	58	36			06	00	00			5	W	07.30	R	33.03	650	50
17	01	68	21.7	RR	SH01	36	50	74	58	36			06	00	00			10	W	07.30	R	33.10	650	50
17	01	68	21.7	RR	SH01	36	50	74	58	36			06	00	00			15	C	07.35	R	33.14	650	50
17	01	68	21.7	RR	SH01	36	50	74	58	36			06	00	00			20	W	07.30	R	33.14	650	50
17	01	68	21.7	RR	SH01	36	50	74	58	36			06	00	00			25	W	07.30	R	33.16	650	50
17	01	68	21.7	RR	SH01	36	50	74	58	36			06	00	00			30	W	07.30	R	33.20	650	50
17	01	68	21.7	RR	SH01	36	50	74	58	36			06	00	00			35	W	07.30	R	33.23	650	50
18	01	68	07.0	RR	SH01	36	50	75	10	27			07	00	00			0	C	06.27	R	32.83	650	40
18	01	68	07.0	RR	SH01	36	50	75	10	27			07	00	00			5	W	06.50			650	40
18	01	68	07.0	RR	SH01	36	50	75	10	27			07	00	00			10	W	06.50			650	40
18	01	68	07.0	RR	SH01	36	50	75	10	27			07	00	00			15	C	06.49			650	40
18	01	68	07.0	RR	SH01	36	50	75	10	27			07	00	00			20	W	06.50			650	40
18	01	68	07.0	RR	SH01	36	50	75	10	27			07	00	00			25			R	32.81	650	40
18	01	68	08.3	RR	SH01	36	50	75	23	25			07	00	00			0	C	05.53	R	32.40	650	30
18	01	68	08.3	RR	SH01	36	50	75	23	25			07	00	00			5	W	05.50	R	32.38	650	30
18	01	68	08.3	RR	SH01	36	50	75	23	25			07	00	00			10	W	05.50	R	32.37	650	30
18	01	68	08.3	RR	SH01	36	50	75	23	25			07	00	00			15	C	05.54	R	32.40	650	30
18	01	68	08.3	RR	SH01	36	50	75	23	25			07	00	00			20	W	05.50	R	32.37	650	30
18	01	68	09.9	RR	SH01	36	50	75	35	15			09	23	02			0	C	04.86	R	32.08	650	20
18	01	68	09.9	RR	SH01	36	50	75	35	15			09	23	02			15	C	05.14	R	32.19	650	20
18	01	68	11.0	RR	SH01	36	50	75	47	19			09	00	00			0	C	02.34	R	25.27	650	10
18	01	68	11.0	RR	SH01	36	50	75	47	19			09	00	00			5	W	04.30	R	30.07	650	10
18	01	68	11.0	RR	SH01	36	50	75	47	19			09	00	00			10	W	04.67	R	31.30	650	10
18	01	68	11.0	RR	SH01	36	50	75	47	19			09	00	00			15	C	04.67	R	31.64	650	10
18	01	68	12.5	RR	SH01	37	01	75	47	13			09	00	00			0	C	03.63	R	31.72	700	10
18	01	68	12.5	RR	SH01	37	01	75	47	13			09	00	00			5	W	03.60	R	32.18	700	10
18	01	68	12.5	RR	SH01	37	01	75	47	13			09	00	00			10	W	03.60	R	32.19	700	10
18	01	68	12.5	RR	SH01	37	01	75	47	13			09	00	00			13	C	03.60	R	32.18	700	10

SHS 2-68 20 and 22 February 1968

Stations Sampled

700-66	710-15
700-70	710-20
700-75	710-30
	710-40
	710-50
	710-55
	710-60
	710-65
	710-70
	710-75
	710-80

Sampling Sequence

Date	Time	Station	Date	Time	Station
20 Feb.	12.0	710-15	22 Feb.	08.6	700-75
	12.5	710-20		09.5	700-70
	13.4	710-30		10.9	700-66
	14.2	710-40		17.9	710-65
	15.5	710-50		18.7	710-70
	16.3	710-55		19.0	710-80
	17.0	710-60		20.1	710-75

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
20	02	68	12.0	RR	SH02	37	100	75	410	16			10	24	06			0	C	03.72	R	30.24	710	15
20	02	68	12.0	RR	SH02	37	100	75	410	16			10	24	06			5	W	03.70	R	30.28	710	15
20	02	68	12.0	RR	SH02	37	100	75	410	16			10	24	06			10	W	03.90	R	30.94	710	15
20	02	68	12.0	RR	SH02	37	100	75	410	16			10	24	06			15	C	03.92	R	31.75	710	15
20	02	68	12.5	RR	SH02	37	10	75	35	22			05	24	05			0	C	03.42	R	28.32	710	20
20	02	68	12.5	RR	SH02	37	10	75	35	22			05	24	05			5	W	03.90			710	20
20	02	68	12.5	RR	SH02	37	10	75	35	22			05	24	05			10	W	04.50			710	20
20	02	68	12.5	RR	SH02	37	10	75	35	22			05	24	05			15	C	04.48	R	32.24	710	20
20	02	68	12.5	RR	SH02	37	10	75	35	22			05	24	05			22	W	04.50			710	20
20	02	68	13.4	RR	SH02	37	10	75	22	29			06	24	05			0	C	03.75	R	29.63	710	30
20	02	68	13.4	RR	SH02	37	10	75	22	29			06	24	05			5	W	04.60	R	29.85	710	30
20	02	68	13.4	RR	SH02	37	10	75	22	29			06	24	05			10	W	04.60	R	32.00	710	30
20	02	68	13.4	RR	SH02	37	10	75	22	29			06	24	05			15	W	05.80	R	32.36	710	30
20	02	68	13.4	RR	SH02	37	10	75	22	29			06	24	05			20	W	06.10	R	32.78	710	30
20	02	68	13.4	RR	SH02	37	10	75	22	29			06	24	05			25	W	06.10	R	33.15	710	30
20	02	68	14.2	RR	SH02	37	10	75	10	31			06	24	05			0	C	05.70	R	33.14	710	40
20	02	68	14.2	RR	SH02	37	10	75	10	31			06	24	05			5	W	05.70			710	40
20	02	68	14.2	RR	SH02	37	10	75	10	31			06	24	05			10	W	05.70			710	40
20	02	68	14.2	RR	SH02	37	10	75	10	31			06	24	05			15	C	05.57	R	33.15	710	40
20	02	68	14.2	RR	SH02	37	10	75	10	31			06	24	05			20	W	09.00			710	40
20	02	68	14.2	RR	SH02	37	10	75	10	31			06	24	05			25	W	09.60			710	40
20	02	68	14.2	RR	SH02	37	10	75	10	31			06	24	05			30	W	09.60	R	34.59	710	40
20	02	68	15.5	RR	SH02	37	10	74	57	45			07	24	05			0	C	07.07	R	33.76	710	50
20	02	68	15.5	RR	SH02	37	10	74	57	45			07	24	05			5	W	07.1	R	33.22	710	50
20	02	68	15.5	RR	SH02	37	10	74	57	45			07	24	05			10	W	07.1	R	33.74	710	50
20	02	68	15.5	RR	SH02	37	10	74	57	45			07	24	05			15	C	07.06	R	33.72	710	50
20	02	68	15.5	RR	SH02	37	10	74	57	45			07	24	05			20	W	07.5	R	33.78	710	50
20	02	68	15.5	RR	SH02	37	10	74	57	45			07	24	05			25	W	11.5	R	34.76	710	50
20	02	68	15.5	RR	SH02	37	10	74	57	45			07	24	05			30	W	11.9	R	35.18	710	50
20	02	68	15.5	RR	SH02	37	10	74	57	45			07	24	05			35	W	11.6	R	35.21	710	50
20	02	68	15.5	RR	SH02	37	10	74	57	45			07	24	05			40	W	11.6	R	35.30	710	50
20	02	68	15.5	RR	SH02	37	10	74	57	45			07	24	05			45	W	11.6	R	35.30	710	50
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			0	C	12.33	R	34.97	710	55
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			5	W	12.30			710	55
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			10	W	12.30			710	55
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			15	C	12.34	R	35.06	710	55
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			20	W	12.40			710	55
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			25	W	12.40			710	55
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			30	W	12.20			710	55
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			35	W	12.00			710	55
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			40	W	11.00			710	55
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			45	W	10.80			710	55
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			50	W	10.80	R	35.33	710	55
20	02	68	16.3	RR	SH02	37	10	74	51	57			09	20	03			57	W	10.80			710	55
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			0	C	12.20	R	34.94	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			5	W	12.2	R	34.90	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			10	W	12.2	R	35.02	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			15	C	12.27	R	35.00	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			20	W	12.3	R	35.00	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			25	W	12.3	R	34.99	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			30	W	12.4	R	35.00	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			40	W	12.0	R	35.09	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			50	W	12.0	R	35.13	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			60	W	11.5	R	35.18	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			70	W	11.3	R	35.20	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			80	W	11.2	R	35.40	710	60
20	02	68	17.0	RR	SH02	37	10	74	45	93			07	21	04			90	W	10.8	R	35.35	710	60
22	02	68	08.6	RR	SH02	37	00	74	26	1600			-04	32	07			0	C	09.0	R	34.53	700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600			-04	32	07			5	W	09.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600			-04	32	07			10	W	09.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600			-04	32	07			15	C	09.1			700	75

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		20	W	09.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		25	W	09.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		30	W	09.1	R	34.50	700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		40	W	09.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		50	W	09.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		60	W	09.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		70	W	09.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		80	W	09.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		90	W	09.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		100	W	09.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		110	W	10.0			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		120	W	11.5			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		130	W	12.0			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		140	W	12.1	R	35.27	700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		150	W	12.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		160	W	12.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		170	W	12.1	R	35.25	700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		180	W	12.1			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		190	W	11.5			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		200	W	10.7			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		210	W	10.5			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		220	W	10.5			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		230	W	10.4			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		240	W	10.3			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		250	W	10.2			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		260	W	10.0			700	75
22	02	68	08.6	RR	SH02	37	00	74	26	1600		-04	32	07		270	W	09.5			700	75
22	02	68	09.5	RR	SH02	37	00	74	37	810						0	C	08.60	R	34.46	700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						5	W	08.60			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						10	W	08.60			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						15	C	08.60			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						20	W	08.80			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						25	W	08.90			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						30	W	09.20	R	34.44	700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						40	W	09.50			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						50	W	09.60			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						60	W	09.70			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						70	W	09.70			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						80	W	09.90			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						90	W	10.00			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						100	W	10.20			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						120	W	10.30			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						140	W	10.50	R	34.90	700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						160	W	11.60			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						180	W	11.10			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						200	W	10.05			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						220	W	10.00			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						240	W	09.30			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						260	W	08.80			700	70
22	02	68	09.5	RR	SH02	37	00	74	37	810						275	W	08.60	R	35.15	700	70
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		0	C	10.3			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		5	W	10.3			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		10	W	10.3			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		15	C	10.4			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		20	W	10.3			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		25	W	10.2			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		30	W	10.2			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		40	W	10.2			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		50	W	10.2			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		60	W	10.3			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		70	W	10.3			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		80	W	10.4			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		90	W	10.4			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		100	W	10.3			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		110	W	10.6			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		120	W	10.6			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		130	W	11.5			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		140	W	11.7			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		150	W	11.6			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		160	W	11.6			700	66
22	02	68	10.5	RR	SH02	37	00	74	45	180		-04	32	07		170	W	11.2			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180		-04	32	07		0	W	10.04			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180		-04	32	07		5	W	10.04			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180		-04	32	07		10	W	10.04			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180		-04	32	07		15	W	10.04			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180		-04	32	07		20	W	10.03			700	66

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰		
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			25	W	10.02			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			30	W	10.02			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			40	W	10.02			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			50	W	10.02			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			60	W	10.03			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			70	W	10.03			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			80	W	10.04			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			90	W	10.05			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			100	W	10.04			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			120	W	10.06			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			140	W	10.17			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			160	W	10.15			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			175	W	10.00			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			0	W	10.03			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			5	W	10.03			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			10	W	10.03			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			15	W	10.03			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			20	W	10.03			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			25	W	10.03			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			30	W	10.02			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			40	W	10.02			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			50	W	10.02			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			60	W	10.02			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			70	W	10.03			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			80	W	10.04			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			90	W	10.04			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			100	W	10.03			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			120	W	10.05			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			140	W	10.23			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			160	W	10.23			700	66
22	02	68	10.9	RR	SH02	37	00	74	45	180			-04	32	07			175	W	10.07			700	66
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			0	C	11.94	R	34.93	710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			5	W	12.00			710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			10	W	12.00			710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			15	C	12.03			710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			20	W	11.00			710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			25	W	10.40			710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			30	W	10.20	R	34.58	710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			40	W	09.70			710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			50	W	09.30			710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			60	W	09.20			710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			70	W	09.30			710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			80	W	10.00			710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			90	W	10.30			710	65
22	02	68	17.9	RR	SH02	37	10	74	38	97			08	20	05			97	W	10.30	R	34.94	710	65
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			0	C	08.97	R	34.35	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			5	W	08.9	R	34.23	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			10	W	08.9	R	34.26	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			15	C	09.06	R	34.25	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			20	W	09.1	R	34.25	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			25	W	09.3	R	34.25	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			30	W	09.5	R	34.36	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			40	W	10.2	R	34.54	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			50	W	10.3	R	34.70	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			60	W	10.3	R	34.74	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			70	W	10.3	R	34.71	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			80	W	10.2	R	34.70	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			90	W	10.2	R	34.76	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			100	W	10.0	R	34.70	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			110	W	10.0	R	34.70	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			120	W	10.0	R	34.75	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			130	W	10.5	R	35.00	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			140	W	10.8	R	35.0	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			150	W	10.9	R	34.2	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			160	W	10.7	R	35.3	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			170	W	10.4	R	35.3	710	70
22	02	68	18.7	RR	SH02	37	10	74	33	180			09	20	07			180	W	10.2	R	35.3	710	70
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			0	C	08.71	R	33.52	710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			5	W	08.70			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			10	W	08.70	R	32.93	710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			15	C	08.72	R	33.18	710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			20	W	08.70	R	33.41	710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			25	W	08.70			710	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			30	W	08.75			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			35	W	08.75			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			40	W	08.75			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			45	W	08.75			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			50	W	08.75			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			55	W	08.80			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			60	W	08.80			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			65	W	09.20			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			70	W	09.20			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			75	W	09.20			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			80	W	09.20			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			85	W	09.20			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			90	W	09.20			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			95	W	09.20			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			100	W	09.40			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			110	W	09.60			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			120	W	10.10			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			130	W	11.30			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			140	W	11.70			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			150	W	12.50			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			160	W	12.20			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			170	W	11.80			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			180	W	11.35			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			190	W	11.00			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			200	W	10.00			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			220	W	09.50			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			240	W	09.00			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			260	W	08.50			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	15			275	W	08.30			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			0	C	08.71	R	34.47	710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			5	C	08.72			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			10	W	08.72			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			15	W	08.72			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			20	W	08.72			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			25	W	08.72			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			30	W	08.72	R	34.44	710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			40	W	08.72			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			50	W	08.72			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			60	W	08.72			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			70	W	08.72			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			80	W	08.72			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			90	W	09.1			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			100	W	09.1			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			125	W	09.9			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			140	W	11.1	R	35.03	710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			150	W	13.0			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			175	W	12.0			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			200	W	10.2			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			225	W	09.7			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			250	W	08.6			710	80
22	02	68	19.0	RR	SH02	37	10	74	19	1600			-03	32	07			275	W	08.2	R	35.08	710	80
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					0	D	08.96	R	34.43	710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					5	W	08.80			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					10	W	08.80			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					15	D	08.90			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					20	W	08.90			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					25	W	08.90			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					30	W	08.90	R	34.42	710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					40	W	08.90			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					50	W	08.90			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					60	W	08.90			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					70	W	08.90			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					80	W	09.10			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					90	W	09.40			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					100	W	10.00			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					120	W	11.10			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					140	W	11.90	R	35.20	710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					160	W	12.40			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					180	W	11.20			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					200	W	10.70			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					220	W	10.10			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					240	W	09.50			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					260	W	09.00			710	75
22	02	68	20.1	RR	SH02	37	10	74	36	1600			-01					275			R	35.20	710	75

SHS 3-68 11 and 12 April 1968

Stations Sampled

700-10	710-10
700-20	710-15
700-30	710-20
700-40	710-25
700-50	710-30
700-55	710-35
700-60	710-40
700-70	710-45
	710-50
	710-55
	710-60
	710-65
	710-70

Sampling Sequence

Date	Time	Station	Date	Time	Station
11 Apr.	08.9	710-10	12 Apr.	01.1	700-40
	09.7	710-15		02.7	700-30
	10.3	710-20		04.1	700-20
	11.1	710-25		05.6	700-10
	11.9	710-30			
	12.7	710-35			
	13.3	710-40			
	14.1	710-45			
	14.9	710-50			
	15.8	710-55			
	16.4	710-60			
	17.5	710-65			
	18.2	710-70			
	20.0	700-70			
	20.6	700-60			
	21.0	700-55			
	23.8	700-50			

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
11	04	68	08.9	PA	SH03	37	100	75	410	09			36	05		0	C	09.21	R	30.08	710	10
11	04	68	08.9	PA	SH03	37	100	75	410	09			36	05		3	W	09.00	R	30.00	710	10
11	04	68	08.9	PA	SH03	37	100	75	410	09			36	05		6	C	09.12	R	30.01	710	10
11	04	68	08.9	PA	SH03	37	100	75	410	09			36	05		9	C	09.09	R	30.11	710	10
11	04	68	09.7	PA	SH03	37	100	75	440	15						0	C	09.42	R	30.02	710	15
11	04	68	09.7	PA	SH03	37	100	75	440	15						3	C	09.31			710	15
11	04	68	09.7	PA	SH03	37	100	75	440	15						6	C	09.04			710	15
11	04	68	09.7	PA	SH03	37	100	75	440	15						9	C	08.48			710	15
11	04	68	09.7	PA	SH03	37	100	75	440	15						12	C	07.32			710	15
11	04	68	10.3	PA	SH03	37	100	75	350	18			36	05		0	C	09.30	R	31.73	710	20
11	04	68	10.3	PA	SH03	37	100	75	350	18			36	05		3	C	09.17	R	31.27	710	20
11	04	68	10.3	PA	SH03	37	100	75	350	18			36	05		6	C	08.82	R	31.37	710	20
11	04	68	10.3	PA	SH03	37	100	75	350	18			36	05		9	C	08.77	R	31.53	710	20
11	04	68	10.3	PA	SH03	37	100	75	350	18			36	05		12	C	08.71	R	31.79	710	20
11	04	68	10.3	PA	SH03	37	100	75	350	18			36	05		15	C	06.40	R	32.15	710	20
11	04	68	10.3	PA	SH03	37	100	75	350	18			36	05		18	W	06.40	R	32.37	710	20
11	04	68	11.1	PA	SH03	37	100	75	28	87						0	C	08.80	R	31.60	710	25
11	04	68	11.1	PA	SH03	37	100	75	28	87						3	W	08.80			710	25
11	04	68	11.1	PA	SH03	37	100	75	28	87						6	W	08.70			710	25
11	04	68	11.1	PA	SH03	37	100	75	28	87						9	W	08.60			710	25
11	04	68	11.1	PA	SH03	37	100	75	28	87						12	W	06.20			710	25
11	04	68	11.1	PA	SH03	37	100	75	28	87						15	C	06.00			710	25
11	04	68	11.1	PA	SH03	37	100	75	28	87						20	W	06.00			710	25
11	04	68	11.1	PA	SH03	37	100	75	28	87						25	W	06.00			710	25
11	04	68	11.9	PA	SH03	37	100	75	225	25						0	C	08.84	R	32.24	710	30
11	04	68	11.9	PA	SH03	37	100	75	225	25						5	W	08.80	R	32.03	710	30
11	04	68	11.9	PA	SH03	37	100	75	225	25						10	W	07.50	R	32.39	710	30
11	04	68	11.9	PA	SH03	37	100	75	225	25						15	C	07.17	R	32.75	710	30
11	04	68	11.9	PA	SH03	37	100	75	225	25						20	W	06.00	R	32.99	710	30
11	04	68	11.9	PA	SH03	37	100	75	225	25						25	W	06.00	R	32.97	710	30
11	04	68	12.7	PA	SH03	37	100	75	16	31						0	C	08.82	R	32.88	710	35
11	04	68	12.7	PA	SH03	37	100	75	16	31						3	W	08.60			710	35
11	04	68	12.7	PA	SH03	37	100	75	16	31						6	W	08.00			710	35
11	04	68	12.7	PA	SH03	37	100	75	16	31						9	W	07.50			710	35
11	04	68	12.7	PA	SH03	37	100	75	16	31						12	W	07.00			710	35
11	04	68	12.7	PA	SH03	37	100	75	16	31						15	C	06.61			710	35
11	04	68	12.7	PA	SH03	37	100	75	16	31						20	W	06.40			710	35
11	04	68	12.7	PA	SH03	37	100	75	16	31						25	W	06.40			710	35
11	04	68	12.7	PA	SH03	37	100	75	16	31						30	W	06.40			710	35
11	04	68	13.3	PA	SH03	37	100	75	10	31						0	C	08.48	R	32.78	710	40
11	04	68	13.3	PA	SH03	37	100	75	10	31						5	W	08.40	R	32.76	710	40
11	04	68	13.3	PA	SH03	37	100	75	10	31						10	W	08.30	R	32.84	710	40
11	04	68	13.3	PA	SH03	37	100	75	10	31						15	C	08.10	R	32.93	710	40
11	04	68	13.3	PA	SH03	37	100	75	10	31						20	W	06.40	R	33.18	710	40
11	04	68	13.3	PA	SH03	37	100	75	10	31						25	W	06.40	R	33.41	710	40
11	04	68	13.3	PA	SH03	37	100	75	10	31						30	W	06.40	R	33.52	710	40
11	04	68	14.1	PA	SH03	37	10	75	06	36						0	C	09.40	R	32.88	710	45
11	04	68	14.1	PA	SH03	37	10	75	06	36						5	W	09.20			710	45
11	04	68	14.1	PA	SH03	37	10	75	06	36						10	W	09.00			710	45
11	04	68	14.1	PA	SH03	37	10	75	06	36						15	C	07.95			710	45
11	04	68	14.1	PA	SH03	37	10	75	06	36						20	W	06.70			710	45
11	04	68	14.1	PA	SH03	37	10	75	06	36						25	W	06.70			710	45
11	04	68	14.1	PA	SH03	37	10	75	06	36						30	W	06.30			710	45
11	04	68	14.9	PA	SH03	37	100	74	570	45						0	C	08.75	R	33.25	710	50
11	04	68	14.9	PA	SH03	37	100	74	570	45						5	W	08.75	R	33.25	710	50
11	04	68	14.9	PA	SH03	37	100	74	570	45						10	W	08.75	R	33.33	710	50
11	04	68	14.9	PA	SH03	37	100	74	570	45						15	C	08.75	R	33.39	710	50
11	04	68	14.9	PA	SH03	37	100	74	570	45						20	W	08.75	R	33.46	710	50

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			DIRECTION CODE	VELOCITY M/SEC.	M	M	INSTR.	°C	INSTR.	‰		
11	04	68	14.9	PA	SH03	37	100	74	570	45						25	W	08.25	R	33.60	710	50
11	04	68	14.9	PA	SH03	37	100	74	570	45						30	W	07.25	R	33.75	710	50
11	04	68	14.9	PA	SH03	37	100	74	570	45						35	W	07.25	R	33.84	710	50
11	04	68	14.9	PA	SH03	37	100	74	570	45						40	W	07.25	R	33.86	710	50
11	04	68	14.9	PA	SH03	37	100	74	570	45						45	W	07.25	R	33.85	710	50
11	04	68	15.8	PA	SH03	37	10	74	51	57						0	C	08.38	R	33.05	710	55
11	04	68	15.8	PA	SH03	37	10	74	51	57						3	W	08.30			710	55
11	04	68	15.8	PA	SH03	37	10	74	51	57						6	W	08.30			710	55
11	04	68	15.8	PA	SH03	37	10	74	51	57						9	W	08.30			710	55
11	04	68	15.8	PA	SH03	37	10	74	51	57						12	W	08.30			710	55
11	04	68	15.8	PA	SH03	37	10	74	51	57						15	C	07.88			710	55
11	04	68	15.8	PA	SH03	37	10	74	51	57						20	W	07.80			710	55
11	04	68	15.8	PA	SH03	37	10	74	51	57						30	W	07.80			710	55
11	04	68	15.8	PA	SH03	37	10	74	51	57						40	W	07.80			710	55
11	04	68	15.8	PA	SH03	37	10	74	51	57						50	W	07.80			710	55
11	04	68	15.8	PA	SH03	37	10	74	51	57						57	W	07.70			710	55
11	04	68	16.4	PA	SH03	37	10	74	45	88						0	C	08.09	R	32.94	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						5	W	07.60	R	32.95	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						10	W	07.50	R	33.09	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						15	C	10.93	R	33.43	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						20	W	11.40	R	34.13	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						25	W	11.80	R	34.15	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						30	W	12.90	R	34.73	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						35	W	10.00	R	34.75	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						40	W	08.30	R	34.44	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						45	W	08.70	R	34.22	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						50	W	09.00	R	34.98	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						60	W	10.30	R	34.98	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						70	W	10.60	R	34.86	710	60
11	04	68	16.4	PA	SH03	37	10	74	45	88						80			R	34.40	710	60
11	04	68	17.5	PA	SH03	37	100	74	390	95						0	C	09.38	R	33.74	710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						5	W	09.80			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						10	W	10.50			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						15	C	12.88			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						20	W	13.20			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						25	W	12.60			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						30	W	11.00			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						35	W	10.20			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						40	W	08.60			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						45	W	08.70			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						50	W	09.20			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						60	W	10.70			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						70	W	10.40			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						80	W	10.70			710	65
11	04	68	17.5	PA	SH03	37	100	74	390	95						90	W	10.80			710	65
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		0	C	13.36	R	34.95	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		5	W	13.30	R	34.84	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		10	W	13.30	R	34.85	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		15	C	13.35	R	34.98	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		20	W	13.70	R	35.04	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		25	W	13.70	R	35.06	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		30	W	13.60	R	35.02	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		40	W	12.80	R	34.89	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		50	W	11.00	R	34.74	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		60	W	10.40	R	34.76	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		70	W	10.50	R	34.79	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		80	W	10.60	R	34.85	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		90	W	10.50	R	34.89	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		100	W	10.30	R	34.87	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		120	W	10.30	R	34.91	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		140	W	10.40	R	34.99	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		160	W	10.70	R	34.93	710	70
11	04	68	18.2	PA	SH03	37	10	74	32	190			04	06		180	W	10.60	R	35.15	710	70
11	04	68	20.0	PA	SH03	37	00	74	37	180						0	C	15.47	R	35.37	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180						5	W	15.50	R	35.08	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180						10	W	15.50	R	35.00	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180						15	C	14.43	R	34.86	700	70

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
11	04	68	20.0	PA	SH03	37	00	74	37	180								20	W	14.40	R	35.03	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								25	W	13.80	R	35.05	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								30	W	12.90	R	35.12	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								40	W	11.50	R	35.35	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								50	W	10.70	R	35.37	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								60	W	10.40	R	35.36	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								70	W	10.40	R	34.84	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								80	W	10.50	R	34.93	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								90	W	10.50	R	35.00	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								100	W	10.50	R	34.96	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								120	W	10.70	R	34.99	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								140	W	10.70	R	35.08	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								160	W	11.00	R	35.15	700	70
11	04	68	20.0	PA	SH03	37	00	74	37	180								180	W	11.00	R	35.22	700	70
11	04	68	20.6	PA	SH03	37	00	74	45	85								0	C	09.07	R	33.79	700	60
11	04	68	20.6	PA	SH03	37	00	74	45	85								5	W	09.00	R	33.77	700	60
11	04	68	20.6	PA	SH03	37	00	74	45	85								10	W	08.50	R	33.75	700	60
11	04	68	20.6	PA	SH03	37	00	74	45	85								15	C	10.47	R	34.24	700	60
11	04	68	20.6	PA	SH03	37	00	74	45	85								20	W	12.30	R	34.55	700	60
11	04	68	20.6	PA	SH03	37	00	74	45	85								25	W	11.30	R	34.75	700	60
11	04	68	20.6	PA	SH03	37	00	74	45	85								30	W	09.50	R	34.24	700	60
11	04	68	20.6	PA	SH03	37	00	74	45	85								40	W	11.40	R	35.03	700	60
11	04	68	20.6	PA	SH03	37	00	74	45	85								50	W	11.00	R	34.83	700	60
11	04	68	20.6	PA	SH03	37	00	74	45	85								60	W	09.80	R	34.73	700	60
11	04	68	20.6	PA	SH03	37	00	74	45	85								70	W	09.70	R	34.71	700	60
11	04	68	20.6	PA	SH03	37	00	74	45	85								80	W	09.70	R	34.75	700	60
11	04	68	21.0	PA	SH03	37	00	74	49	56								0	C	08.58	R	33.46	700	55
11	04	68	21.0	PA	SH03	37	00	74	49	56								15	C	08.65			700	55
11	04	68	23.8	PA	SH03	37	00	74	57	42								0	C	08.48	R	32.81	700	50
11	04	68	23.8	PA	SH03	37	00	74	57	42								5	W	08.80	R	32.80	700	50
11	04	68	23.8	PA	SH03	37	00	74	57	42								10	W	08.50	R	32.92	700	50
11	04	68	23.8	PA	SH03	37	00	74	57	42								15	C	07.52	R	33.20	700	50
11	04	68	23.8	PA	SH03	37	00	74	57	42								20	W	07.50	R	33.27	700	50
11	04	68	23.8	PA	SH03	37	00	74	57	42								25	W	07.50	R	33.36	700	50
11	04	68	23.8	PA	SH03	37	00	74	57	42								30	W	07.50	R	33.75	700	50
11	04	68	23.8	PA	SH03	37	00	74	57	42								35	W	07.50	R	33.77	700	50
12	04	68	01.1	PA	SH03	37	00	75	10	36								0	C	08.60	R	32.59	700	40
12	04	68	01.1	PA	SH03	37	00	75	10	36								5	W	06.00	R	32.61	700	40
12	04	68	01.1	PA	SH03	37	00	75	10	36								10	W	06.60	R	32.74	700	40
12	04	68	01.1	PA	SH03	37	00	75	10	36								15	C	06.62	R	32.99	700	40
12	04	68	01.1	PA	SH03	37	00	75	10	36								20	W	06.60	R	33.15	700	40
12	04	68	01.1	PA	SH03	37	00	75	10	36								25	W	06.60	R	33.17	700	40
12	04	68	01.1	PA	SH03	37	00	75	10	36								30	W	06.60	R	33.17	700	40
12	04	68	02.7	PA	SH03	37	00	75	22	27								0	C	08.84	R	31.97	700	30
12	04	68	02.7	PA	SH03	37	00	75	22	27								5	W	08.50	R	31.98	700	30
12	04	68	02.7	PA	SH03	37	00	75	22	27								10	W	06.30	R	31.96	700	30
12	04	68	02.7	PA	SH03	37	00	75	22	27								15	C	06.39	R	32.34	700	30
12	04	68	02.7	PA	SH03	37	00	75	22	27								20	W	06.40	R	32.65	700	30
12	04	68	02.7	PA	SH03	37	00	75	22	27								25	W	06.40	R	32.80	700	30
12	04	68	04.1	PA	SH03	37	00	75	35	20								0	C	09.45	R	32.31	700	20
12	04	68	04.1	PA	SH03	37	00	75	35	20								5	W	09.30	R	27.74	700	20
12	04	68	04.1	PA	SH03	37	00	75	35	20								10	W	06.80	R	30.41	700	20
12	04	68	04.1	PA	SH03	37	00	75	35	20								15	C	06.65	R	30.73	700	20
12	04	68	04.1	PA	SH03	37	00	75	35	20								20	W	06.60	R	31.93	700	20
12	04	68	05.6	PA	SH03	37	00	75	35	15								0	C	09.89	R	27.74	700	10
12	04	68	05.6	PA	SH03	37	00	75	35	15								5	W	07.80	R	29.06	700	10
12	04	68	05.6	PA	SH03	37	00	75	35	15								10	W	07.70	R	30.93	700	10
12	04	68	05.6	PA	SH03	37	00	75	35	15								15	C	07.65	R	31.06	700	10

SHS 4-68 24 April 1968

Stations Sampled

710-15
710-20

Sampling Sequence

Date	Time	Station
24 Apr.	10.0	710-15
	11.0	710-20

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
24	04	68	10.0	PA	SH04	37	10	75	38	15								0	W	10.80	R	31.61		710 15
24	04	68	10.0	PA	SH04	37	10	75	38	15								5	W	10.80	R	31.60		710 15
24	04	68	10.0	PA	SH04	37	10	75	38	15								10	W	10.80	R	31.59		710 15
24	04	68	10.0	PA	SH04	37	10	75	38	15								15	W	10.80	R	31.58		710 15
24	04	68	11.0	PA	SH04	37	10	75	35	15								0	C	10.39	R	31.66		710 20
24	04	68	11.0	PA	SH04	37	10	75	35	15								5	W	10.20	R	31.64		710 20
24	04	68	11.0	PA	SH04	37	10	75	35	15								10	W	10.10	R	31.68		710 20
24	04	68	11.0	PA	SH04	37	10	75	35	15								15	C	10.10	R	31.69		710 20

SHS 5-68 6 to 8 May 1968

Stations Sampled

650-10	701-10	700-20
650-15	701-15	700-25
650-20		700-30
650-25		700-35
650-30		700-40
650-35		700-50
650-40		700-55
650-45		700-60
650-50		700-65
650-55		700-70
650-60		
650-65		
650-70		

Sampling Sequence

Date	Time	Station	Date	Time	Station
6 May	10.0	650-10	7 May	12.8	700-25
	11.0	650-15		13.5	700-20
	11.9	650-20		14.2	701-15
	12.8	650-25		14.7	701-10
	13.4	650-30		16.0	650-10
	14.1	650-35		16.6	650-15
	15.8	650-40		17.3	650-20
	16.4	650-45		18.0	650-25
	16.8	650-50		18.7	650-30
	17.3	650-55		19.4	650-35
	18.0	650-60		20.0	650-40
	19.1	650-65		20.8	650-45
	20.0	650-70		21.4	650-50
7 May	04.7	700-70	8 May	07.0	650-70
	06.4	700-65		08.3	650-65
	07.0	700-60		08.9	650-60
	08.0	700-55			
	09.0	700-50			
	10.4	700-40			
	11.4	700-35			
	12.0	700-30			

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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
06	05	68	10.0	RR	SH05	36	50	75	47	18		13	34	08		0	C	12.59	R	30.60	650	10
06	05	68	10.0	RR	SH05	36	50	75	47	18		13	34	08		3	W	12.40	R	30.61	650	10
06	05	68	10.0	RR	SH05	36	50	75	47	18		13	34	08		6	W	11.40	R	30.68	650	10
06	05	68	10.0	RR	SH05	36	50	75	47	18		13	34	08		9	W	11.10	R	30.75	650	10
06	05	68	10.0	RR	SH05	36	50	75	47	18		13	34	08		12	W	11.00	R	31.43	650	10
06	05	68	10.0	RR	SH05	36	50	75	47	18		13	34	08		15	C	11.11	R	31.60	650	10
06	05	68	10.0	RR	SH05	36	50	75	47	18		13	34	08		18	W	11.11	R	31.62	650	10
06	05	68	11.0	RR	SH05	36	50	75	41	19		13	34	09		0	C	12.20	R	31.04	650	15
06	05	68	11.0	RR	SH05	36	50	75	41	19		13	34	09		3	W	12.20			650	15
06	05	68	11.0	RR	SH05	36	50	75	41	19		13	34	09		6	W	12.10			650	15
06	05	68	11.0	RR	SH05	36	50	75	41	19		13	34	09		9	W	11.20			650	15
06	05	68	11.0	RR	SH05	36	50	75	41	19		13	34	09		12	W	10.40			650	15
06	05	68	11.0	RR	SH05	36	50	75	41	19		13	34	09		15	C	10.78			650	15
06	05	68	11.0	RR	SH05	36	50	75	41	19		13	34	09		18	W	10.60	R	31.92	650	15
06	05	68	11.9	RR	SH05	36	50	75	35	21		13	33	09		0	C	12.00	R	31.83	650	20
06	05	68	11.9	RR	SH05	36	50	75	35	21		13	33	09		3	W	12.00	R	31.80	650	20
06	05	68	11.9	RR	SH05	36	50	75	35	21		13	33	09		6	W	11.80	R	31.80	650	20
06	05	68	11.9	RR	SH05	36	50	75	35	21		13	33	09		9	W	11.40	R	31.77	650	20
06	05	68	11.9	RR	SH05	36	50	75	35	21		13	33	09		12	W	10.70	R	31.83	650	20
06	05	68	11.9	RR	SH05	36	50	75	35	21		13	33	09		15	C	10.50	R	32.11	650	20
06	05	68	11.9	RR	SH05	36	50	75	35	21		13	33	09		18	W	10.50	R	32.23	650	20
06	05	68	11.9	RR	SH05	36	50	75	35	21		13	33	09		21	W	10.50	R	32.23	650	20
06	05	68	12.8	RR	SH05	36	50	75	29	25		13	33	09		0	C	11.90	R	32.26	650	25
06	05	68	12.8	RR	SH05	36	50	75	29	25		13	33	09		3	W	11.90			650	25
06	05	68	12.8	RR	SH05	36	50	75	29	25		13	33	09		6	W	11.90			650	25
06	05	68	12.8	RR	SH05	36	50	75	29	25		13	33	09		9	W	11.00			650	25
06	05	68	12.8	RR	SH05	36	50	75	29	25		13	33	09		12	W	10.70			650	25
06	05	68	12.8	RR	SH05	36	50	75	29	25		13	33	09		15	C	10.15			650	25
06	05	68	12.8	RR	SH05	36	50	75	29	25		13	33	09		18	W	10.10			650	25
06	05	68	12.8	RR	SH05	36	50	75	29	25		13	33	09		21	W	10.00			650	25
06	05	68	12.8	RR	SH05	36	50	75	29	25		13	33	09		24			R	32.36	650	25
06	05	68	13.4	RR	SH05	36	50	75	22	27		13	23	10		0	C	11.29	R	32.37	650	30
06	05	68	13.4	RR	SH05	36	50	75	22	27		13	23	10		3	W	11.30	R	32.34	650	30
06	05	68	13.4	RR	SH05	36	50	75	22	27		13	23	10		6	W	10.90	R	32.39	650	30
06	05	68	13.4	RR	SH05	36	50	75	22	27		13	23	10		9	W	10.00	R	32.34	650	30
06	05	68	13.4	RR	SH05	36	50	75	22	27		13	23	10		12	W	09.70	R	32.34	650	30
06	05	68	13.4	RR	SH05	36	50	75	22	27		13	23	10		15	C	09.72	R	32.34	650	30
06	05	68	13.4	RR	SH05	36	50	75	22	27		13	23	10		18	W	09.70	R	32.37	650	30
06	05	68	13.4	RR	SH05	36	50	75	22	27		13	23	10		21	W	09.70	R	32.43	650	30
06	05	68	13.4	RR	SH05	36	50	75	22	27		13	23	10		24			R	32.77	650	30
06	05	68	14.1	RR	SH05	36	50	75	16	24		13	34	09		0	C	11.11	R	32.59	650	35
06	05	68	14.1	RR	SH05	36	50	75	16	24		13	34	09		3	W	11.10			650	35
06	05	68	14.1	RR	SH05	36	50	75	16	24		13	34	09		6	W	11.10			650	35
06	05	68	14.1	RR	SH05	36	50	75	16	24		13	34	09		9	W	11.00			650	35
06	05	68	14.1	RR	SH05	36	50	75	16	24		13	34	09		12	W	10.70			650	35
06	05	68	14.1	RR	SH05	36	50	75	16	24		13	34	09		15	C	10.38			650	35
06	05	68	14.1	RR	SH05	36	50	75	16	24		13	34	09		18	W	09.40			650	35
06	05	68	14.1	RR	SH05	36	50	75	16	24		13	34	09		21	W	09.40			650	35
06	05	68	14.1	RR	SH05	36	50	75	16	24		13	34	09		24	W	09.40	R	32.68	650	35
06	05	68	15.8	RR	SH05	36	50	75	10	24		12	34	08		0	C	11.00	R	32.52	650	40
06	05	68	15.8	RR	SH05	36	50	75	10	24		12	34	08		3	W	10.90	R	32.45	650	40
06	05	68	15.8	RR	SH05	36	50	75	10	24		12	34	08		6	W	10.70	R	32.44	650	40
06	05	68	15.8	RR	SH05	36	50	75	10	24		12	34	08		9	W	09.30	R	32.45	650	40
06	05	68	15.8	RR	SH05	36	50	75	10	24		12	34	08		12	W	09.30	R	32.50	650	40
06	05	68	15.8	RR	SH05	36	50	75	10	24		12	34	08		15	C	09.23	R	32.53	650	40
06	05	68	15.8	RR	SH05	36	50	75	10	24		12	34	08		18	W	09.20	R	32.59	650	40
06	05	68	15.8	RR	SH05	36	50	75	10	24		12	34	08		21	W	09.20	R	32.65	650	40
06	05	68	15.8	RR	SH05	36	50	75	10	24		12	34	08		24	W	09.20	R	32.71	650	40
06	05	68	16.4	RR	SH05	36	50	75	04	32		13	34	08		0	C	10.88	R	32.59	650	45
06	05	68	16.4	RR	SH05	36	50	75	04	32		13	34	08		3	W	10.80			650	45
06	05	68	16.4	RR	SH05	36	50	75	04	32		13	34	08		6	W	10.80			650	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
06	05	68	16.4	RR	SH05	36	50	75	04	32			13	34	08			9	W	10.70			650	45
06	05	68	16.4	RR	SH05	36	50	75	04	32			13	34	08			12	W	10.70			650	45
06	05	68	16.4	RR	SH05	36	50	75	04	32			13	34	08			15	C	10.72			650	45
06	05	68	16.4	RR	SH05	36	50	75	04	32			13	34	08			18	W	08.50			650	45
06	05	68	16.4	RR	SH05	36	50	75	04	32			13	34	08			21	W	08.00			650	45
06	05	68	16.4	RR	SH05	36	50	75	04	32			13	34	08			24	W	07.80			650	45
06	05	68	16.4	RR	SH05	36	50	75	04	32			13	34	08			30			R	32.82	650	45
06	05	68	16.8	RR	SH05	36	50	74	57	33			16	33	05			0	6	10.70	9	32.49	650	50
06	05	68	16.8	RR	SH05	36	50	74	57	33			16	33	05			3	W	10.70	R	32.53	650	50
06	05	68	16.8	RR	SH05	36	50	74	57	33			16	33	05			6	W	10.50	R	32.50	650	50
06	05	68	16.8	RR	SH05	36	50	74	57	33			16	33	05			9	W	09.00	R	32.54	650	50
06	05	68	16.8	RR	SH05	36	50	74	57	33			16	33	05			12	W	08.70	R	32.54	650	50
06	05	68	16.8	RR	SH05	36	50	74	57	33			16	33	05			15	C	08.94	R	32.67	650	50
06	05	68	16.8	RR	SH05	36	50	74	57	33			16	33	05			18	W	07.70	R	32.77	650	50
06	05	68	16.8	RR	SH05	36	50	74	57	33			16	33	05			21	W	07.70	R	32.83	650	50
06	05	68	16.8	RR	SH05	36	50	74	57	33			16	33	05			24	W	07.70	R	32.92	650	50
06	05	68	16.8	RR	SH05	36	50	74	57	33			16	33	05			27	W	07.60	R	32.97	650	50
06	05	68	16.8	RR	SH05	36	50	74	57	33			16	33	05			30			R	32.96	650	50
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			0	C	10.49	R	32.88	650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			3	W	10.40			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			6	W	10.30			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			9	W	10.25			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			12	W	10.20			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			15	C	09.00			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			18	W	09.00			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			21	W	08.20			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			24	W	08.00			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			27	W	08.00			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			30	W	07.50			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			35	W	07.00			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			40	W	06.50			650	55
06	05	68	17.3	RR	SH05	36	50	74	51	46			14	33	05			45	W	06.50	R	33.48	650	55
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			0	C	09.93	R	32.99	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			3	W	09.90	R	32.99	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			6	W	09.90	R	33.02	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			9	W	09.85	R	33.00	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			12	W	09.80			650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			15	C	09.72	R	33.01	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			18	W	09.50	R	33.13	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			21	W	09.30	R	33.22	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			24	W	08.40	R	33.47	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			27	W	08.60	R	33.59	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			30	W	08.00	R	33.50	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			35	W	07.50	R	33.56	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			40	W	07.00	R	33.59	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			45	W	07.40	R	33.54	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			50	W	07.70	R	33.64	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			55	W	08.00	R	33.79	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			60	W	09.70	R	34.24	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			65	W	08.00	R	34.01	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			70	W	08.50	R	34.25	650	60
06	05	68	18.0	RR	SH05	36	50	74	45	79			14	32	05			75	W	08.70	R	34.29	650	60
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			0	C	10.76	R	33.65	650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			3	W	10.40			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			6	W	09.30			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			9	W	09.30			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			12	W	09.30			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			15	C	09.35			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			18	W	09.70			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			21	W	09.70			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			24	W	08.90			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			27	W	10.00			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			30	W	10.25	R	34.31	650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			35	W	10.60			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			40	W	12.00			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			45	W	12.70			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			50	W	12.60			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			55	W	12.30			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			60	W	12.30			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			65	W	11.90			650	65

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			70	W	11.80			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			75	W	11.80			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			80	W	11.80			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			85	W	11.80			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			90	W	11.80			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			95	W	11.80			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			100	W	11.80			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			110	W	11.75			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			120	W	11.75			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			130	W	11.30			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			140	W	11.30			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			150	W	11.00			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			160	W	11.00			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			170	W	11.00			650	65
06	05	68	19.1	RR	SH05	36	50	74	39	180			12	32	05			180	W	11.00	R	35.32	650	65
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			0	C	11.73	R	33.94	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			3	W	12.10	R	33.93	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			6	W	12.30	R	33.95	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			9	W	12.30	R	34.51	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			12	W	12.90	R	34.66	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			15	C	12.31	R	34.74	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			18	W	13.00	R	35.11	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			21	W	13.00	R	35.26	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			24	W	12.70	R	35.28	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			27	W	12.40	R	35.25	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			30	W	12.00	R	35.19	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			35	W	11.35	R	35.17	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			40	W	10.85	R	35.17	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			45	W	11.70	R	35.05	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			50	W	11.70	R	34.96	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			55	W	11.15	R	34.92	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			60	W	11.20	R	34.90	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			65	W	11.30	R	34.93	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			70	W	11.20	R	35.00	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			75	W	11.30	R	35.04	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			80	W	11.30	R	35.09	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			85	W	11.30	R	35.13	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			90	W	11.30	R	35.17	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			95	W	11.30	R	35.16	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			100	W	11.30	R	35.19	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			110	W	11.30	R	35.22	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			120	W	11.30	R	35.29	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			130	W	11.30	R	35.36	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			140	W	11.30	R	35.35	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			150	W	10.70	R	35.30	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			160	W	10.70	R	35.28	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			170	W	10.70	R	35.28	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			180	W	10.50	R	35.38	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			190	W	10.30	R	35.31	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			200	W	10.00	R	35.35	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			210	W	09.70	R	35.27	650	70
06	05	68	20.0	RR	SH05	36	50	74	32	1400			12	32	02			220	W	09.40	R	35.30	650	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			0	C	09.64	R	33.01	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			3	W	09.40	R	33.02	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			6	W	09.30	R	33.03	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			9	W	09.30	R	33.02	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			12	W	09.50	R	33.11	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			15	C	10.05	R	33.52	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			18	W	07.05	R	34.00	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			21	W	07.00	R	34.18	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			24	W	08.00	R	34.27	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			27	W	10.00	R	34.19	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			30	W	10.70	R	34.11	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			35	W	11.90	R	33.91	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			40	W	11.90	R	34.21	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			45	W	12.00	R	34.55	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			50	W	11.80	R	34.92	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			55	W	11.50	R	34.98	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			60	W	11.50	R	35.00	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			65	W	11.70	R	35.00	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			70	W	12.20	R	35.05	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			75	W	12.20	R	35.09	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			80	W	12.70	R	35.18	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			85	W	12.70	R	35.16	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			90	W	12.70	R	35.20	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			95	W	12.00	R	35.28	700	70

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			100	W	11.70	R	35.25	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			110	W	11.50	R	35.22	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			120	W	11.50	R	35.24	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			130	W	11.80	R	35.27	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			140	W	11.30	R	35.29	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			150	W	11.00	R	35.30	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			160	W	10.80	R	35.29	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			170	W	10.80	R	35.30	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			180	W	10.80	R	35.29	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			190	W	11.20	R	35.28	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			200	W	10.70	R	35.23	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			210	W	10.70	R	35.32	700	70
07	05	68	04.7	RR	SH05	37	00	74	26	1100			11	32	05			220	W	10.30	R	35.35	700	70
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			0	D	09.22	R	32.88	700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			3	W	09.20			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			6	W	09.20			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			9	W	09.20			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			12	W	09.10			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			15	D	09.01			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			18	W	08.70			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			21	W	08.70			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			24	W	08.70			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			27	W	11.70			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			30	W	11.70	R	34.41	700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			35	W	12.50			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			40	W	12.50			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			45	W	12.30			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			50	W	11.50			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			55	W	10.00			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			60	W	10.30			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			65	W	11.30			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			70	W	11.30			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			75	W	11.30			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			85	W	12.00			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			80	W	11.60			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			90	W	11.50			700	65
07	05	68	06.4	RR	SH05	37	00	74	39	110			11	35	05			100	W	11.50	R	35.13	700	65
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			0	C	09.58	R	33.01	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			3	W	09.40	R	32.99	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			6	W	09.40	R	32.98	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			9	W	09.30	R	33.01	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			12	W	09.20	R	33.00	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			15	C	08.58	R	33.00	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			18	W	07.50	R	33.00	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			21	W	06.50	R	33.06	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			24	W	06.30	R	33.07	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			27	W	06.20	R	33.13	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			30	W	06.10	R	33.17	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			35	W	06.10	R	33.23	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			40	W	06.20	R	33.19	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			45	W	06.30	R	33.33	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			50	W	07.70	R	33.70	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			55	W	08.00	R	33.88	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			60	W	08.10	R	33.95	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			65	W	08.20	R	33.99	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			70	W	01.30	R	34.11	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			75	W	08.50	R	34.26	700	60
07	05	68	07.0	RR	SH05	37	00	74	45	91			12	01	05			80	W	08.70	R	34.38	700	60
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			0	C	10.14	R	32.90	700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			3	W	10.10			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			6	W	10.10			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			9	W	09.70			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			12	W	09.70			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			15	D	09.64			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			18	W	07.30			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			21	W	07.20			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			24	W	07.10			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			27	W	07.00			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			30	W	06.80			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			35	W	06.80			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			40	W	06.80			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			45	W	06.10			700	55
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			50	W	06.10			700	55

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
07	05	68	08.0	RR	SH05	37	00	74	51	58			11	01	07			57	W	06.90	R	33.72			700	55
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			0	C	10.57	R	32.70			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			3	W	10.50	R	32.67			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			6	W	10.50	R	32.66			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			9	W	10.40	R	32.66			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			12	W	10.40	R	32.65			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			15	C	10.31	R	32.71			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			18	W	08.50	R	32.84			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			21	W	08.50	R	32.90			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			24	W	08.50	R	33.02			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			27	W	07.25	R	33.02			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			30	W	06.50	R	33.06			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			35	W	06.50	R	33.15			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			40	W	06.50	R	33.18			700	50
07	05	68	09.0	RR	SH05	37	00	74	57	45			11	01	07			45	W	06.50	R	33.17			700	50
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			0	C	11.09	R	32.45			700	40
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			3	W	11.10	R	32.44			700	40
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			6	W	11.00	R	32.41			700	40
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			9	W	11.00	R	32.43			700	40
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			12	W	10.90	R	32.42			700	40
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			15	C	10.91	R	32.42			700	40
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			18	W	09.00	R	32.52			700	40
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			21	W	07.50	R	32.60			700	40
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			24	W	07.50	R	32.69			700	40
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			27	W	07.50	R	32.75			700	40
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			30	W	07.50	R	32.76			700	40
07	05	68	10.4	RR	SH05	37	00	75	10	39			11	02	07			35	W	07.56	R	32.75			700	40
07	05	68	11.4	RR	SH05	37	00	75	16	31			12	02	06			0	C	10.97	R	32.39			700	35
07	05	68	11.4	RR	SH05	37	00	75	16	31			12	02	06			3	W	10.90					700	35
07	05	68	11.4	RR	SH05	37	00	75	16	31			12	02	06			6	W	10.90					700	35
07	05	68	11.4	RR	SH05	37	00	75	16	31			12	02	06			9	W	10.90					700	35
07	05	68	11.4	RR	SH05	37	00	75	16	31			12	02	06			12	W	10.80					700	35
07	05	68	11.4	RR	SH05	37	00	75	16	31			12	02	06			15	C	10.68					700	35
07	05	68	11.4	RR	SH05	37	00	75	16	31			12	02	06			18	W	09.00					700	35
07	05	68	11.4	RR	SH05	37	00	75	16	31			12	02	06			21	W	08.30					700	35
07	05	68	11.4	RR	SH05	37	00	75	16	31			12	02	06			24	W	08.30					700	35
07	05	68	11.4	RR	SH05	37	00	75	16	31			12	02	06			27	W	08.30					700	35
07	05	68	11.4	RR	SH05	37	00	75	16	31			12	02	06			30	W	08.30	R	32.62			700	35
07	05	68	12.0	RR	SH05	37	00	75	22	31			12	02	06			0	C	11.08	R	32.39			700	30
07	05	68	12.0	RR	SH05	37	00	75	22	31			12	02	06			3	W	11.00	R	32.34			700	30
07	05	68	12.0	RR	SH05	37	00	75	22	31			12	02	06			6	W	10.90	R	32.33			700	30
07	05	68	12.0	RR	SH05	37	00	75	22	31			12	02	06			9	W	10.90	R	32.34			700	30
07	05	68	12.0	RR	SH05	37	00	75	22	31			12	02	06			12	W	10.80	R	32.37			700	30
07	05	68	12.0	RR	SH05	37	00	75	22	31			12	02	06			15	C	10.77	R	32.36			700	30
07	05	68	12.0	RR	SH05	37	00	75	22	31			12	02	06			18	W	08.70	R	32.46			700	30
07	05	68	12.0	RR	SH05	37	00	75	22	31			12	02	06			21	W	08.70	R	32.51			700	30
07	05	68	12.0	RR	SH05	37	00	75	22	31			12	02	06			24	W	08.70	R	32.53			700	30
07	05	68	12.0	RR	SH05	37	00	75	22	31			12	02	06			27	W	08.70	R	32.54			700	30
07	05	68	12.0	RR	SH05	37	00	75	22	31			12	02	06			30			R	32.56			700	30
07	05	68	12.8	RR	SH05	37	00	75	29	25			12	02	05			0	C	11.55	R	32.35			700	25
07	05	68	12.8	RR	SH05	37	00	75	29	25			12	02	05			3	W	11.50					700	25
07	05	68	12.8	RR	SH05	37	00	75	29	25			12	02	05			6	W	10.70					700	25
07	05	68	12.8	RR	SH05	37	00	75	29	25			12	02	05			9	W	09.40					700	25
07	05	68	12.8	RR	SH05	37	00	75	29	25			12	02	05			12	W	09.20					700	25
07	05	68	12.8	RR	SH05	37	00	75	29	25			12	02	05			15	C	09.29					700	25
07	05	68	12.8	RR	SH05	37	00	75	29	25			12	02	05			18	W	09.20					700	25
07	05	68	12.8	RR	SH05	37	00	75	29	25			12	02	05			21	W	09.20					700	25
07	05	68	12.8	RR	SH05	37	00	75	29	25			12	02	05			24	W	09.20	R	32.35			700	25
07	05	68	13.5	RR	SH05	37	00	75	35	25			13	02	05			0	C	11.98	R	32.15			700	20
07	05	68	13.5	RR	SH05	37	00	75	35	25			13	02	05			3	W	11.90	R	32.10			700	20
07	05	68	13.5	RR	SH05	37	00	75	35	25			13	02	05			6	W	11.90	R	32.13			700	20
07	05	68	13.5	RR	SH05	37	00	75	35	25			13	02	05			9	W	11.50	R	32.12			700	20
07	05	68	13.5	RR	SH05	37	00	75	35	25			13	02	05			12	W	11.40	R	32.11			700	20
07	05	68	13.5	RR	SH05	37	00	75	35	25			13	02	05			15	C	11.32	R	32.17			700	20

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
07	05	68	13.5	RR	SH05	37	00	75	35	25		13	02	05		18	W	11.30	R	32.12	700	20
07	05	68	13.5	RR	SH05	37	00	75	35	25		13	02	05		21	W	11.30	R	32.15	700	20
07	05	68	13.5	RR	SH05	37	00	75	35	25		13	02	05		24	W	11.30	R	32.19	700	20
07	05	68	14.2	RR	SH05	37	01	75	41	21		13	02	04		0	C	12.67	R	31.83	701	15
07	05	68	14.2	RR	SH05	37	01	75	41	21		13	02	04		3	W	12.50			701	15
07	05	68	14.2	RR	SH05	37	01	75	41	21		13	02	04		6	W	12.40			701	15
07	05	68	14.2	RR	SH05	37	01	75	41	21		13	02	04		9	W	12.30			701	15
07	05	68	14.2	RR	SH05	37	01	75	41	21		13	02	04		12	W	12.20			701	15
07	05	68	14.2	RR	SH05	37	01	75	41	21		13	02	04		15	C	12.10			701	15
07	05	68	14.2	RR	SH05	37	01	75	41	21		13	02	04		21			R	31.79	701	15
07	05	68	14.7	RR	SH05	37	01	75	47	15		13	04	04		0	C	13.70	R	31.68	701	10
07	05	68	14.7	RR	SH05	37	01	75	47	15		13	04	04		3	W	13.50	R	31.68	701	10
07	05	68	14.7	RR	SH05	37	01	75	47	15		13	04	04		6	W	13.30	R	31.68	701	10
07	05	68	14.7	RR	SH05	37	01	75	47	15		13	04	04		9	W	13.10	R	31.68	701	10
07	05	68	14.7	RR	SH05	37	01	75	47	15		13	04	04		12	W	12.90	R	31.69	701	10
07	05	68	14.7	RR	SH05	37	01	75	47	15		13	04	04		15	C	12.84	R	31.68	701	10
07	05	68	16.0	RR	SH05	36	50	75	47	19		13	07	03		0	C	12.64	R	31.69	650	10
07	05	68	16.0	RR	SH05	36	50	75	47	19		13	07	03		3	W	12.53	R	31.72	650	10
07	05	68	16.0	RR	SH05	36	50	75	47	19		13	07	03		6	W	12.40	R	31.65	650	10
07	05	68	16.0	RR	SH05	36	50	75	47	19		13	07	03		9	W	12.20	R	31.62	650	10
07	05	68	16.0	RR	SH05	36	50	75	47	19		13	07	03		12	W	12.10	R	31.63	650	10
07	05	68	16.0	RR	SH05	36	50	75	47	19		13	07	03		15	C	11.80	R	31.62	650	10
07	05	68	16.0	RR	SH05	36	50	75	47	19		13	07	03		18	W	11.80	R	31.62	650	10
07	05	68	16.6	RR	SH05	36	50	75	41	19		15	07	01		0	C	12.08	R	31.99	650	15
07	05	68	16.6	RR	SH05	36	50	75	41	19		15	07	01		3	W	11.90			650	15
07	05	68	16.6	RR	SH05	36	50	75	41	19		15	07	01		6	W	11.70			650	15
07	05	68	16.6	RR	SH05	36	50	75	41	19		15	07	01		9	W	11.40			650	15
07	05	68	16.6	RR	SH05	36	50	75	41	19		15	07	01		12	W	11.20			650	15
07	05	68	16.6	RR	SH05	36	50	75	41	19		15	07	01		15	C	11.06			650	15
07	05	68	16.6	RR	SH05	36	50	75	41	19		15	07	01		18			R	31.97	650	15
07	05	68	17.3	RR	SH05	36	50	75	35	19		15	99	00		0	C	11.40	R	32.18	650	20
07	05	68	17.3	RR	SH05	36	50	75	35	19		15	99	00		3	W	11.40	R	32.19	650	20
07	05	68	17.3	RR	SH05	36	50	75	35	19		15	99	00		6	W	10.80	R	32.17	650	20
07	05	68	17.3	RR	SH05	36	50	75	35	19		15	99	00		9	W	10.40	R	32.13	650	20
07	05	68	17.3	RR	SH05	36	50	75	35	19		15	99	00		12	W	10.40	R	32.09	650	20
07	05	68	17.3	RR	SH05	36	50	75	35	19		15	99	00		15	C	10.37	R	32.08	650	20
07	05	68	17.3	RR	SH05	36	50	75	35	19		15	99	00		18	W	10.40	R	32.09	650	20
07	05	68	18.0	RR	SH05	36	50	75	29	22		14	99	00		0	C	12.20	R	32.41	650	25
07	05	68	18.0	RR	SH05	36	50	75	29	22		14	99	00		3	W	11.80			650	25
07	05	68	18.0	RR	SH05	36	50	75	29	22		14	99	00		6	W	11.40			650	25
07	05	68	18.0	RR	SH05	36	50	75	29	22		14	99	00		9	W	10.90			650	25
07	05	68	18.0	RR	SH05	36	50	75	29	22		14	99	00		12	W	10.80			650	25
07	05	68	18.0	RR	SH05	36	50	75	29	22		14	99	00		15	C	10.01			650	25
07	05	68	18.0	RR	SH05	36	50	75	29	22		14	99	00		18	W	09.80			650	25
07	05	68	18.0	RR	SH05	36	50	75	29	22		14	99	00		21			R	32.36	650	25
07	05	68	18.7	RR	SH05	36	50	75	22	26		14	99	00		0	C	11.54	R	32.32	650	30
07	05	68	18.7	RR	SH05	36	50	75	22	26		14	99	00		3	W	11.50	R	32.33	650	30
07	05	68	18.7	RR	SH05	36	50	75	22	26		14	99	00		6	W	11.60	R	32.40	650	30
07	05	68	18.7	RR	SH05	36	50	75	22	26		14	99	00		9	W	10.80	R	32.42	650	30
07	05	68	18.7	RR	SH05	36	50	75	22	26		14	99	00		12	W	10.20	R	32.43	650	30
07	05	68	18.7	RR	SH05	36	50	75	22	26		14	99	00		15	C	10.21	R	32.39	650	30
07	05	68	18.7	RR	SH05	36	50	75	22	26		14	99	00		18	W	10.20	R	32.47	650	30
07	05	68	18.7	RR	SH05	36	50	75	22	26		14	99	00		21	W	10.20	R	32.50	650	30
07	05	68	18.7	RR	SH05	36	50	75	22	26		14	99	00		24			R	32.50	650	30
07	05	68	19.4	RR	SH05	36	50	75	16	21		13	99	00		0	C	11.59	R	32.56	650	35
07	05	68	19.4	RR	SH05	36	50	75	16	21		13	99	00		3	W	11.30			650	35
07	05	68	19.4	RR	SH05	36	50	75	16	21		13	99	00		6	W	11.10			650	35
07	05	68	19.4	RR	SH05	36	50	75	16	21		13	99	00		9	W	10.90			650	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
07	05	68	19.4	RR	SH05	36	50	75	16	21		13	99	00		12	W	10.80			650	35
07	05	68	19.4	RR	SH05	36	50	75	16	21		13	99	00		15	O	10.77			650	35
07	05	68	19.4	RR	SH05	36	50	75	16	21		13	99	00		18	W	09.00			650	35
07	05	68	19.4	RR	SH05	36	50	75	16	21		13	99	00		21	W	09.00	R	32.59	650	35
07	05	68	20.0	RR	SH05	36	50	75	10	29		12	99	00		0	C	11.08	R	32.51	650	40
07	05	68	20.0	RR	SH05	36	50	75	10	29		12	99	00		3	W	11.00	R	32.50	650	40
07	05	68	20.0	RR	SH05	36	50	75	10	29		12	99	00		6	W	10.90	R	32.48	650	40
07	05	68	20.0	RR	SH05	36	50	75	10	29		12	99	00		9	W	10.90	R	32.48	650	40
07	05	68	20.0	RR	SH05	36	50	75	10	29		12	99	00		12	W	10.90	R	32.47	650	40
07	05	68	20.0	RR	SH05	36	50	75	10	29		12	99	00		15	C	10.91	R	32.48	650	40
07	05	68	20.0	RR	SH05	36	50	75	10	29		12	99	00		18	W	08.30	R	32.48	650	40
07	05	68	20.0	RR	SH05	36	50	75	10	29		12	99	00		21	W	08.30	R	32.48	650	40
07	05	68	20.0	RR	SH05	36	50	75	10	29		12	99	00		24	W	08.30	R	32.56	650	40
07	05	68	20.0	RR	SH05	36	50	75	10	29		12	99	00		27	W	08.30	R	32.64	650	40
07	05	68	20.8	RR	SH05	36	50	75	04	31		12	99	00		0	C	10.87	R	32.57	650	45
07	05	68	20.8	RR	SH05	36	50	75	04	31		12	99	00		3	W	10.70			650	45
07	05	68	20.8	RR	SH05	36	50	75	04	31		12	99	00		6	W	10.70			650	45
07	05	68	20.8	RR	SH05	36	50	75	04	31		12	99	00		9	W	10.70			650	45
07	05	68	20.8	RR	SH05	36	50	75	04	31		12	99	00		12	W	10.70			650	45
07	05	68	20.8	RR	SH05	36	50	75	04	31		12	99	00		15	C	10.70			650	45
07	05	68	20.8	RR	SH05	36	50	75	04	31		12	99	00		18	W	08.40			650	45
07	05	68	20.8	RR	SH05	36	50	75	04	31		12	99	00		21	W	07.60			650	45
07	05	68	20.8	RR	SH05	36	50	75	04	31		12	99	00		24	W	07.60			650	45
07	05	68	20.8	RR	SH05	36	50	75	04	31		12	99	00		27	W	07.60			650	45
07	05	68	20.8	RR	SH05	36	50	75	04	31		12	99	00		30	W	07.60	R	32.99	650	45
07	05	68	21.4	RR	SH05	36	50	74	57	32		12	99	00		0	C	10.74	R	32.80	650	50
07	05	68	21.4	RR	SH05	36	50	74	57	32		12	99	00		3	W	10.70	R	32.79	650	50
07	05	68	21.4	RR	SH05	36	50	74	57	32		12	99	00		6	W	10.70	R	32.78	650	50
07	05	68	21.4	RR	SH05	36	50	74	57	32		12	99	00		9	W	10.00	R	32.79	650	50
07	05	68	21.4	RR	SH05	36	50	74	57	32		12	99	00		12	W	09.50	R	32.78	650	50
07	05	68	21.4	RR	SH05	36	50	74	57	32		12	99	00		15	C	08.99	R	32.86	650	50
07	05	68	21.4	RR	SH05	36	50	74	57	32		12	99	00		18	W	08.00	R	33.01	650	50
07	05	68	21.4	RR	SH05	36	50	74	57	32		12	99	00		21	W	07.00	R	33.07	650	50
07	05	68	21.4	RR	SH05	36	50	74	57	32		12	99	00		24	W	07.00	R	33.13	650	50
07	05	68	21.4	RR	SH05	36	50	74	57	32		12	99	00		27	W	07.00	R	33.17	650	50
07	05	68	21.4	RR	SH05	36	50	74	57	32		12	99	00		30	W	07.00	R	32.40	650	50
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		0	C	11.57	R	33.84	650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		3	W	11.70			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		6	W	11.90			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		9	W	11.90			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		12	W	12.00			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		15	C	12.20			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		18	W	09.50			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		21	W	08.00			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		24	W	07.50			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		27	W	07.30			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		30	W	07.30			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		35	W	08.00			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		40	W	10.00			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		45	W	10.50			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		50	W	11.50			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		55	W	11.60			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		60	W	12.20	R	35.15	650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		65	W	12.30			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		70	W	12.40			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		75	W	12.50			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		80	W	12.70			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		85	W	12.50			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		90	W	11.50			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		95	W	10.70			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		100	W	10.90			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		110	W	11.40			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		120	W	11.30			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		130	W	11.20			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		140	W	11.00			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		150	W	10.70			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		160	W	10.70			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		170	W	10.70			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		180	W	10.70			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400		14	00	00		190	W	10.70			650	70

DATE			STATION TIME E.S.T.	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰		
08	05	68	07.0	RR	SH05	36	50	74	32	1400			14	00	00			200	W	10.70			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400			14	00	00			210	W	10.70			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400			14	00	00			220	W	10.50			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400			14	00	00			230	W	09.70			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400			14	00	00			240	W	09.00			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400			14	00	00			250	W	08.90			650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400			14	00	00			260	W	08.70	R	35.15	650	70
08	05	68	07.0	RR	SH05	36	50	74	32	1400			14	00	00			270	W	08.70			650	70
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			0	C	09.81	R	32.94	650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			3	W	09.30			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			6	W	08.70			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			9	W	08.60			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			12	W	08.80			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			15	C	09.50			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			18	W	08.70			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			21	W	08.10			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			24	W	09.00			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			27	W	12.00			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			30	W	12.50	R	34.89	650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			35	W	13.30			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			40	W	13.30			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			45	W	13.30			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			50	W	11.50			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			55	W	11.50			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			60	W	12.00			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			65	W	12.00			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			70	W	12.50			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			75	W	12.50			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			80	W	11.50			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			85	W	11.20			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			90	W	11.20			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			95	W	11.20			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			100	W	11.20			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			110	W	11.20			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			120	W	11.20			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			130	W	11.30			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			140	W	11.30			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			150	W	11.30			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			160	W	11.30	R	35.26	650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			170	W	11.30			650	65
08	05	68	08.3	RR	SH05	36	50	74	39	180			13	99	00			180	W	11.30			650	65
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			0	C	10.53	R	32.95	650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			3	W	10.25			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			6	W	10.00			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			9	W	10.00			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			12	W	10.00			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			15	C	10.01			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			18	W	09.95			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			21	W	09.95			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			24	W	09.70			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			27	W	09.30			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			30	W	09.30			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			35	W	09.00			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			40	W	08.70			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			45	W	08.70			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			50	W	07.70			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			55	W	07.70			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			60	W	07.70	R	33.87	650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			65	W	07.70			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			70	W	07.70			650	60
08	05	68	08.9	RR	SH05	36	50	74	45	73			15	99	00			72	W	07.70	R	34.11	650	60

SHS 6-68 10 and 11 June 1968

Stations Sampled

640-10	650-75	700-10
640-15		700-15
640-20		700-20
640-25		700-25
640-30		700-30
640-35		700-35
640-40		700-40
640-45		700-45
640-50		700-50
640-55		700-55
640-60		700-60
640-65		700-67
640-70		
640-75		

Sampling Sequence

Date	Time	Station	Date	Time	Station
10 June	08.4	640-10	11 June	00.2	700-67
	09.2	640-15		01.9	700-60
	09.8	640-20		03.1	700-55
	10.5	640-25		03.7	700-50
	11.0	640-30		05.0	700-45
	11.6	640-35		05.7	700-40
	12.1	640-40		06.4	700-35
	12.9	640-45		07.0	700-30
	13.7	640-50		07.8	700-25
	14.3	640-55		08.4	700-20
	15.0	640-60		09.0	700-15
	16.0	640-65		09.6	700-10
	18.1	640-70			
	19.0	640-75			
	21.3	650-75			

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰		
10	06	68	08.4	RR	SH06	36	40	75	47	18			22	15	04			0	O	17.53	R	31.67	640	10
10	06	68	08.4	RR	SH06	36	40	75	47	18			22	15	04			3	W	17.20	R	31.60	640	10
10	06	68	08.4	RR	SH06	36	40	75	47	18			22	15	04			6	W	16.00	R	31.64	640	10
10	06	68	08.4	RR	SH06	36	40	75	47	18			22	15	04			9	W	14.50	R	31.69	640	10
10	06	68	08.4	RR	SH06	36	40	75	47	18			22	15	04			12	W	13.10	R	31.75	640	10
10	06	68	08.4	RR	SH06	36	40	75	47	18			22	15	04			15	O	13.09	R	32.14	640	10
10	06	68	08.4	RR	SH06	36	40	75	47	18			22	15	04			18	W	13.10	R	32.22	640	10
10	06	68	09.2	RR	SH06	36	40	75	41	18			22	15	05			0	O	18.87	R	30.62	640	15
10	06	68	09.2	RR	SH06	36	40	75	41	18			22	15	05			3	W	18.00			640	15
10	06	68	09.2	RR	SH06	36	40	75	41	18			22	15	05			6	W	16.00			640	15
10	06	68	09.2	RR	SH06	36	40	75	41	18			22	15	05			9	W	15.00			640	15
10	06	68	09.2	RR	SH06	36	40	75	41	18			22	15	05			12	W	13.60			640	15
10	06	68	09.2	RR	SH06	36	40	75	41	18			22	15	05			15	O	13.66			640	15
10	06	68	09.2	RR	SH06	36	40	75	41	18			22	15	05			18	W	13.70	R	32.15	640	15
10	06	68	09.8	RR	SH06	36	40	75	35	18			23	15	06			0	O	19.43	R	30.37	640	20
10	06	68	09.8	RR	SH06	36	40	75	35	18			23	15	06			3	W	18.00	R	30.33	640	20
10	06	68	09.8	RR	SH06	36	40	75	35	18			23	15	06			6	W	16.00	R	30.54	640	20
10	06	68	09.8	RR	SH06	36	40	75	35	18			23	15	06			9	W	14.50	R	31.35	640	20
10	06	68	09.8	RR	SH06	36	40	75	35	18			23	15	06			12	W	13.70	R	31.94	640	20
10	06	68	09.8	RR	SH06	36	40	75	35	18			23	15	06			15	O	13.70	R	32.16	640	20
10	06	68	09.8	RR	SH06	36	40	75	35	18			23	15	06			18	W	13.70	R	32.16	640	20
10	06	68	10.5	RR	SH06	36	40	75	29	18			23	15	06			0	O	20.47	R	30.14	640	25
10	06	68	10.5	RR	SH06	36	40	75	29	18			23	15	06			3	W	18.00			640	25
10	06	68	10.5	RR	SH06	36	40	75	29	18			23	15	06			6	W	17.00			640	25
10	06	68	10.5	RR	SH06	36	40	75	29	18			23	15	06			9	W	16.00			640	25
10	06	68	10.5	RR	SH06	36	40	75	29	18			23	15	06			12	W	15.00			640	25
10	06	68	10.5	RR	SH06	36	40	75	29	18			23	15	06			15	O	14.50			640	25
10	06	68	10.5	RR	SH06	36	40	75	29	18			23	15	06			18	W	14.50	R	32.12	640	25
10	06	68	11.0	RR	SH06	36	40	75	22	20			23	15	06			0	O	21.61	R	29.70	640	30
10	06	68	11.0	RR	SH06	36	40	75	22	20			23	15	06			3	W	18.00	R	29.64	640	30
10	06	68	11.0	RR	SH06	36	40	75	22	20			23	15	06			6	W	17.00	R	30.56	640	30
10	06	68	11.0	RR	SH06	36	40	75	22	20			23	15	06			9	W	16.00	R	31.27	640	30
10	06	68	11.0	RR	SH06	36	40	75	22	20			23	15	06			12	W	15.00	R	31.82	640	30
10	06	68	11.0	RR	SH06	36	40	75	22	20			23	15	06			15	C	13.53	R	32.05	640	30
10	06	68	11.0	RR	SH06	36	40	75	22	20			23	15	06			18	W	13.50	R	32.13	640	30
10	06	68	11.6	RR	SH06	36	40	75	16	32			23	14	06			0	C	22.16	R	29.69	640	35
10	06	68	11.6	RR	SH06	36	40	75	16	32			23	14	06			3	W	19.00			640	35
10	06	68	11.6	RR	SH06	36	40	75	16	32			23	14	06			6	W	17.00			640	35
10	06	68	11.6	RR	SH06	36	40	75	16	32			23	14	06			9	W	15.00			640	35
10	06	68	11.6	RR	SH06	36	40	75	16	32			23	14	06			12	W	13.00			640	35
10	06	68	11.6	RR	SH06	36	40	75	16	32			23	14	06			15	C	13.23			640	35
10	06	68	11.6	RR	SH06	36	40	75	16	32			23	14	06			18	W	13.20			640	35
10	06	68	11.6	RR	SH06	36	40	75	16	32			23	14	06			21	W	12.00			640	35
10	06	68	11.6	RR	SH06	36	40	75	16	32			23	14	06			24	W	11.00			640	35
10	06	68	11.6	RR	SH06	36	40	75	16	32			23	14	06			27	W	11.40			640	35
10	06	68	11.6	RR	SH06	36	40	75	16	32			23	14	06			30	W	11.60	R	32.65	640	35
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			0	O	21.62	R	29.92	640	40
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			3	W	19.00	R	29.95	640	40
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			6	W	17.00	R	29.89	640	40
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			9	W	16.00	R	31.15	640	40
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			12	W	15.00	R	32.05	640	40
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			15	O	13.58	R	32.49	640	40
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			18	W	13.25	R	32.55	640	40
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			21	W	13.00	R	32.63	640	40
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			24	W	12.70	R	32.66	640	40
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			27	W	12.30	R	32.74	640	40
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			30	W	11.80	R	32.78	640	40
10	06	68	12.1	RR	SH06	36	40	75	10	36			24	14	06			35	W	11.50	R	32.78	640	40
10	06	68	12.9	RR	SH06	36	40	75	04	27			24	14	07			0	O	21.68	R	30.37	640	45
10	06	68	12.9	RR	SH06	36	40	75	04	27			24	14	07			3	W	20.00			640	45
10	06	68	12.9	RR	SH06	36	40	75	04	27			24	14	07			6	W	18.00			640	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
10	06	68	12.9	RR	SH06	36	40	75	04	27		24	14	07		9	W	16.00			640	45
10	06	68	12.9	RR	SH06	36	40	75	04	27		24	14	07		12	W	14.00			640	45
10	06	68	12.9	RR	SH06	36	40	75	04	27		24	14	07		15	C	13.09	R	32.69	640	45
10	06	68	12.9	RR	SH06	36	40	75	04	27		24	14	07		18	W	13.10			640	45
10	06	68	12.9	RR	SH06	36	40	75	04	27		24	14	07		21	W	13.10			640	45
10	06	68	12.9	RR	SH06	36	40	75	04	27		24	14	07		24	W	12.25			640	45
10	06	68	12.9	RR	SH06	36	40	75	04	27		24	14	07		27	W	11.50			640	45
10	06	68	13.7	RR	SH06	36	40	74	57	30		23	14	07		0	C	20.93	R	31.58	640	50
10	06	68	13.7	RR	SH06	36	40	74	57	30		23	14	07		3	W	18.00	R	31.62	640	50
10	06	68	13.7	RR	SH06	36	40	74	57	30		23	14	07		6	W	17.00	R	31.68	640	50
10	06	68	13.7	RR	SH06	36	40	74	57	30		23	14	07		9	W	16.00	R	31.93	640	50
10	06	68	13.7	RR	SH06	36	40	74	57	30		23	14	07		12	W	14.00	R	32.36	640	50
10	06	68	13.7	RR	SH06	36	40	74	57	30		23	14	07		15	C	13.39	R	32.42	640	50
10	06	68	13.7	RR	SH06	36	40	74	57	30		23	14	07		18	W	13.00	R	32.49	640	50
10	06	68	13.7	RR	SH06	36	40	74	57	30		23	14	07		21	W	10.50	R	32.59	640	50
10	06	68	13.7	RR	SH06	36	40	74	57	30		23	14	07		24	W	10.00	R	32.65	640	50
10	06	68	13.7	RR	SH06	36	40	74	57	30		23	14	07		27	W	09.50	R	32.65	640	50
10	06	68	13.7	RR	SH06	36	40	74	57	30		23	14	07		30	W	09.00	R	32.65	640	50
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		0	C	20.13	R	31.99	640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		3	W	18.00			640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		6	W	16.00			640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		9	W	14.00			640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		12	W	13.00			640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		15	C	12.14	R	34.29	640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		18	W	10.00			640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		21	W	09.00			640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		24	W	09.00			640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		27	W	11.00			640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		30	W	11.00			640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		35	W	11.50			640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		40	W	12.00			640	55
10	06	68	14.3	RR	SH06	36	40	74	51	49		23	14	07		45	W	12.00			640	55
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		0	C	18.77	R	32.25	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		3	W	17.40	R	32.24	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		6	W	13.00	R	32.93	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		9	W	10.00	R	33.13	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		12	W	07.80	R	33.06	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		15	C	08.54	R	33.03	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		18	W	07.40	R	33.08	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		21	W	07.50	R	33.14	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		24	W	07.60	R	33.34	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		27	W	07.80	R	33.81	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		30	W	08.40	R	33.74	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		35	W	10.40	R	33.93	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		40	W	10.50	R	33.80	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		45	W	10.50	R	33.96	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		50	W	10.40	R	33.90	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		55	W	09.60	R	33.27	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		60	W	10.00	R	34.40	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		65	W	11.00	R	34.45	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		70	W	11.30	R	34.73	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		75	W	11.50	R	34.88	640	60
10	06	68	15.0	RR	SH06	36	40	74	45	83		23	14	05		80	W	12.00	R	34.89	640	60
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		0	C	21.21	R	34.19	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		3	W	21.80	R	34.28	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		6	W	18.90	R	34.13	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		9	W	18.40	R	34.90	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		12	W	17.80	R	34.18	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		15	C	17.71	R	34.60	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		18	W	17.60	R	34.85	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		21	W	17.50	R	35.14	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		24	W	17.40	R	35.24	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		27	W	17.30	R	35.28	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		30	W	17.00	R	35.29	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		35	W	16.50	R	35.32	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		40	W	14.70	R	35.32	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		45	W	14.40	R	35.12	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		50	W	13.80	R	35.12	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		55	W	13.60	R	35.23	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280		23	13	03		60	W	13.50	R	35.35	640	65

DATE			STATION TIME E.S.T.	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰		
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			65	W	13.50	R	35.31	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			70	W	13.50	R	35.36	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			75	W	13.60	R	35.38	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			80	W	13.70	R	35.41	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			85	W	13.70	R	35.45	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			90	W	13.70	R	35.46	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			95	W	13.70	R	35.54	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			100	W	13.70	R	35.64	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			110	W	13.50	R	35.61	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			120	W	13.20	R	35.54	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			130	W	12.50	R	35.52	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			140	W	12.30	R	35.47	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			150	W	12.00	R	35.42	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			160	W	12.30	R	35.53	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			170	W	11.40	R	35.45	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			180	W	11.30	R	35.47	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			190	W	11.30	R	35.35	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			200	W	11.30	R	35.37	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			210	W	11.15	R	35.45	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			220	W	11.00	R	35.45	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			230	W	10.70	R	35.39	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			240	W	10.40	R	35.43	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			250	W	10.30	R	35.35	640	65
10	06	68	16.0	RR	SH06	36	40	74	39	280			23	13	03			260	W	10.00	R	35.31	640	65
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			0	C	20.89	R	34.26	640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			3	W	18.30			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			6	W	16.80			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			9	W	16.50			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			12	W	16.35			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			15	C	16.58			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			18	W	15.50			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			21	W	14.50			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			24	W	11.50			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			27	W	10.30			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			30	W	10.00			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			35	W	09.70			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			40	W	09.70			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			45	W	09.80			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			50	W	11.50			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			55	W	13.00			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			60	W	13.40			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			65	W	13.50			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			70	W	14.50			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			75	W	14.40			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			80	W	14.30			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			85	W	14.30			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			90	W	14.30			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			95	W	14.30			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			100	W	14.30			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			110	W	14.40			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			120	W	14.00			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			130	W	13.40			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			140	W	13.00			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			150	W	12.80			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			160	W	12.60			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			170	W	12.60			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			180	W	12.50			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			190	W	12.50			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			200	W	12.30			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			210	W	12.00			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			220	W	11.50			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			230	W	11.00			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			240	W	10.80			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			250	W	10.50			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			260	W	10.30			640	70
10	06	68	18.1	RR	SH06	36	40	74	33	1400			23	12	04			270	W	10.00	R	35.24	640	70
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			0	C	20.31	R	33.77	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			3	W	16.50	R	33.90	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			6	W	16.30	R	34.32	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			9	W	16.00	R	34.63	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			12	W	15.90	R	34.77	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			15	C	15.90	R	34.88	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			18	W	15.00	R	34.87	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			21	W	11.30	R	35.02	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			24	W	11.50	R	35.62	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			27	W	12.30	R	35.65	640	75

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰		
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			30	W	12.50	R	35.61	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			35	W	14.00	R	35.57	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			40	W	14.80	R	35.59	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			45	W	15.00	R	35.59	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			50	W	14.80	R	35.63	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			55	W	14.70	R	35.66	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			60	W	14.70	R	35.71	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			65	W	14.50	R	35.71	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			70	W	14.50	R	35.73	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			75	W	14.40	R	35.76	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			80	W	14.30	R	35.76	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			85	W	14.25	R	35.77	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			90	W	14.20	R	35.82	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			95	W	14.10	R	35.80	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			100	W	14.00	R	35.78	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			110	W	13.75	R	35.75	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			120	W	13.30	R	35.66	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			130	W	13.00	R	35.60	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			140	W	12.70	R	35.55	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			150	W	12.70	R	35.56	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			160	W	12.60	R	35.54	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			170	W	12.50	R	35.56	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			180	W	12.40	R	35.56	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			190	W	12.10	R	35.52	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			200	W	11.70	R	35.55	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			220	W	11.20	R	35.46	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			240	W	10.60	R	35.43	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			260	W	09.90	R	35.36	640	75
10	06	68	19.0	RR	SH06	36	40	74	26	1700			23	12	03			275	W	09.70	R	35.19	640	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			0	C	19.39	R	33.62	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			3	W	17.00	R	33.69	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			6	W	16.30	R	34.06	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			9	W	16.30	R	34.35	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			12	C	16.79	R	34.61	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			15	W	17.10	R	34.85	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			18	W	17.00	R	35.06	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			21	W	16.80	R	35.27	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			24	W	16.50	R	35.66	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			27	W	16.30	R	35.71	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			30	W	15.80	R	35.73	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			35	W	15.20	R	35.67	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			40	W	15.00	R	35.63	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			45	W	14.60	R	35.73	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			50	W	14.40	R	35.69	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			55	W	14.30	R	35.71	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			60	W	14.30	R	35.74	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			65	W	14.30	R	35.78	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			70	W	14.30	R	35.81	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			75	W	14.30	R	35.82	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			80	W	14.30	R	35.82	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			85	W	14.30	R	35.85	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			90	W	14.30	R	35.86	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			95	W	14.30	R	35.88	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			100	W	14.30	R	35.87	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			110	W	14.20	R	35.85	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			120	W	13.50	R	35.71	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			130	W	13.00	R	35.65	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			140	W	12.70	R	35.61	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			150	W	12.60	R	35.57	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			160	W	12.50	R	35.59	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			170	W	12.50	R	35.60	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			180	W	12.40	R	35.63	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			190	W	12.30	R	35.59	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			200	W	12.20	R	35.56	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			220	W	11.30	R	35.46	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			240	W	11.00	R	35.39	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			260	W	10.50	R	35.34	650	75
10	06	68	21.3	RR	SH06	36	50	74	26	1600			22	12	05			275	W	09.70	R	35.24	650	75
11	06	68	00.2	RR	SH06	37	00	74	36	330			21	12	05			0	C	17.92	R	32.18	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330			21	12	05			3	W	15.60	R	32.16	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330			21	12	05			6	W	15.00	R	32.45	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330			21	12	05			9	W	14.70	R	32.81	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330			21	12	05			12	W	15.20	R	33.45	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330			21	12	05			15	C	15.60	R	33.97	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330			21	12	05			18	W	13.50	R	34.15	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330			21	12	05			21	W	13.50	R	34.30	700	67

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		24	W	13.10	R	34.27	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		27	W	13.30	R	34.38	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		30	W	13.50	R	34.53	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		35	W	13.10	R	34.46	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		40	W	13.70	R	34.31	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		45	W	13.00	R	34.65	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		50	W	10.40	R	34.32	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		55	W	09.80	R	34.26	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		60	W	09.90	R	34.30	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		65	W	10.10	R	34.31	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		70	W	10.10	R	34.55	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		75	W	10.50	R	34.43	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		80	W	10.80	R	34.50	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		85	W	10.90	R	34.54	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		90	W	10.90	R	34.77	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		95	W	11.00	R	34.87	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		100	W	12.20	R	35.00	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		110	W	12.70	R	35.20	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		120	W	13.00	R	35.28	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		130	W	13.10	R	35.43	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		140	W	13.10	R	35.52	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		150	W	13.10	R	35.45	700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		150	W	12.80			700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		160	W	12.80			700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		170	W	12.50			700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		180	W	12.40			700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		190	W	12.40			700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		200	W	12.40			700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		220	W	12.20			700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		240	W	12.00			700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		260	W	11.80			700	67
11	06	68	00.2	RR	SH06	37	00	74	36	330		21	12	05		280	W	11.00			700	67
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		0	W	17.00	R	31.02	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		0	W	17.06	R	31.97	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		3	C	16.63	R	32.15	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		6	W	13.80	R	32.24	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		9	W	12.60	R	32.35	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		12	W	11.80	R	32.40	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		15	C	10.60	R	32.56	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		18	W	09.90	R	32.69	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		21	W	09.60	R	32.80	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		24	W	08.90	R	32.87	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		27	W	08.00	R	32.31	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		30	W	08.00	R	32.92	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		35	W	07.37	R	32.89	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		40	W	06.70	R	32.90	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		45	W	06.50	R	32.86	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		50	W	07.30	R	32.11	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		55	W	08.00	R	33.28	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		60	W	08.30	R	33.37	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		65	W	09.00	R	33.82	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		70	W	10.30	R	34.16	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		75	W	10.30	R	34.12	700	60
11	06	68	01.9	RR	SH06	37	00	74	45	88		21	12	05		80	W	10.30	R	34.20	700	60
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		0	C	18.96	R	31.79	700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		3	W	17.00			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		6	W	15.00			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		9	W	14.00			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		12	W	13.00			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		15	C	12.79			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		18	W	12.50			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		21	W	12.00			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		24	W	11.50			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		27	W	11.00			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		30	W	11.00			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		35	W	11.00			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		40	W	11.00			700	55
11	06	68	03.1	RR	SH06	37	00	74	51	43		21	10	02		42	W	11.00	R	33.09	700	55
11	06	68	03.7	RR	SH06	37	00	74	57	35		21	10	03		0	C	18.96	R	31.64	700	50
11	06	68	03.7	RR	SH06	37	00	74	57	35		21	10	03		3	W	16.00	R	31.68	700	50
11	06	68	03.7	RR	SH06	37	00	74	57	35		21	10	03		6	W	15.00	R	31.73	700	50
11	06	68	03.7	RR	SH06	37	00	74	57	35		21	10	03		9	W	14.50	R	31.84	700	50
11	06	68	03.7	RR	SH06	37	00	74	57	35		21	10	03		12	W	14.00	R	32.04	700	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
11	06	68	03.7	RR	SH06	37	00	74	57	35			21	10	03			15	C	13.41	R	32.25	700	50
11	06	68	03.7	RR	SH06	37	00	74	57	35			21	10	03			18	W	13.00	R	32.44	700	50
11	06	68	03.7	RR	SH06	37	00	74	57	35			21	10	03			21	W	13.00	R	32.50	700	50
11	06	68	03.7	RR	SH06	37	00	74	57	35			21	10	03			24	W	11.50	R	32.52	700	50
11	06	68	03.7	RR	SH06	37	00	74	57	35			21	10	03			27	W	11.50	R	32.53	700	50
11	06	68	03.7	RR	SH06	37	00	74	57	35			21	10	03			30	W	11.50	R	32.56	700	50
11	06	68	03.7	RR	SH06	37	00	74	57	35			21	10	03			35	W	11.50	R	32.61	700	50
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			0	C	22.12	R	30.50	700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			3	W	21.00			700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			6	W	19.00			700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			9	W	17.00			700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			12	W	15.00			700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			15	C	13.41	R	32.62	700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			18	W	12.00			700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			21	W	11.50			700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			24	W	11.50			700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			27	W	11.50			700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			30	W	11.50			700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			35	W	11.50			700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			40	W	11.50			700	45
11	06	68	05.0	RR	SH06	37	00	75	04	42			21	10	03			41	W	11.50			700	45
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			0	C	22.86	R	27.95	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			3	W	21.00	R	29.37	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			6	W	19.00	R	31.32	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			9	W	18.00	R	31.86	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			12	W	16.00	R	32.00	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			15	C	14.62	R	32.26	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			18	W	13.00	R	32.46	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			21	W	12.00	R	32.62	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			24	W	12.00	R	32.58	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			27	W	12.00	R	32.58	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			30	W	12.00	R	32.58	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			35	W	12.00	R	32.59	700	40
11	06	68	05.7	RR	SH06	37	00	75	10	40			22	11	05			40	W	12.00	R	32.59	700	40
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			0	C	22.81	R	27.62	700	35
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			3	W	21.00			700	35
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			6	W	19.00			700	35
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			9	W	17.00			700	35
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			12	W	16.00			700	35
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			15	C	14.07	R	32.58	700	35
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			18	W	13.00			700	35
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			21	W	13.00			700	35
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			24	W	13.00			700	35
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			27	W	13.00			700	35
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			30	W	13.00			700	35
11	06	68	06.4	RR	SH06	37	00	75	16	33			24	11	05			33	W	13.00			700	35
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			0	C	22.83	R	27.45	700	30
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			3	W	20.50	R	28.24	700	30
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			6	W	19.00	R	29.20	700	30
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			9	W	17.00	R	31.47	700	30
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			12	W	15.00	R	32.15	700	30
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			15	C	14.92	R	32.30	700	30
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			18	W	13.00	R	32.46	700	30
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			21	W	13.00	R	32.50	700	30
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			24	W	13.00	R	32.53	700	30
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			27	W	13.00	R	32.54	700	30
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			30	W	13.00	R	32.54	700	30
11	06	68	07.0	RR	SH06	37	00	75	22	33			24	11	05			33	W	13.00	R	32.56	700	30
11	06	68	07.8	RR	SH06	37	00	75	29	29			24	14	05			0	C	22.50	R	27.81	700	25
11	06	68	07.8	RR	SH06	37	00	75	29	29			24	14	05			3	W	19.00			700	25
11	06	68	07.8	RR	SH06	37	00	75	29	29			24	14	05			6	W	16.00			700	25
11	06	68	07.8	RR	SH06	37	00	75	29	29			24	14	05			9	W	15.00			700	25
11	06	68	07.8	RR	SH06	37	00	75	29	29			24	14	05			12	W	14.00			700	25
11	06	68	07.8	RR	SH06	37	00	75	29	29			24	14	05			15	C	13.08	R	32.43	700	25
11	06	68	07.8	RR	SH06	37	00	75	29	29			24	14	05			18	W	13.10			700	25
11	06	68	07.8	RR	SH06	37	00	75	29	29			24	14	05			21	W	13.10			700	25
11	06	68	07.8	RR	SH06	37	00	75	29	29			24	14	05			24	W	13.10			700	25

DATE			STATION TIME E.S.T.	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT	AIR	WIND		SECCHI DISC		SAMPLE	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M		CODE	TEMPERATURE C	DIRECTION CODE	VELOCITY M/SEC.	VISIBILITY M		DEPTH M	INSTR.	°C	INSTR.	‰		
11	06	68	07.8	RR	SH06	37	00	75	29	29			24	14	05			27	W	13.10			700	25
11	06	68	07.8	RR	SH06	37	00	75	29	29			24	14	05			29	W	13.10			700	25
11	06	68	08.4	RR	SH06	37	00	75	35	24			24	14	05			0	C	20.50	R	30.28	700	20
11	06	68	08.4	RR	SH06	37	00	75	35	24			24	14	05			3	W	17.00	R	30.39	700	20
11	06	68	08.4	RR	SH06	37	00	75	35	24			24	14	05			6	W	15.00	R	31.10	700	20
11	06	68	08.4	RR	SH06	37	00	75	35	24			24	14	05			9	W	14.00	R	31.64	700	20
11	06	68	08.4	RR	SH06	37	00	75	35	24			24	14	05			12	W	13.10	R	31.86	700	20
11	06	68	08.4	RR	SH06	37	00	75	35	24			24	14	05			15	C	13.08	R	32.00	700	20
11	06	68	08.4	RR	SH06	37	00	75	35	24			24	14	05			18	W	13.10	R	32.12	700	20
11	06	68	08.4	RR	SH06	37	00	75	35	24			24	14	05			21	W	13.10	R	32.18	700	20
11	06	68	09.0	RR	SH06	37	00	75	41	19			24	14	05			0	C	22.05	R	27.80	700	15
11	06	68	09.0	RR	SH06	37	00	75	41	19			24	14	05			3	W	16.00			700	15
11	06	68	09.0	RR	SH06	37	00	75	41	19			24	14	05			6	W	15.00			700	15
11	06	68	09.0	RR	SH06	37	00	75	41	19			24	14	05			9	W	14.00			700	15
11	06	68	09.0	RR	SH06	37	00	75	41	19			24	14	05			12	W	13.50			700	15
11	06	68	09.0	RR	SH06	37	00	75	41	19			24	14	05			15	C	13.65			700	15
11	06	68	09.0	RR	SH06	37	00	75	41	19			24	14	05			19	W	13.65	R	32.01	700	15
11	06	68	09.6	RR	SH06	37	00	75	47	15			24	14	04			0	C	21.11	R	26.37	700	10
11	06	68	09.6	RR	SH06	37	00	75	47	15			24	14	04			3	W	16.00	R	29.22	700	10
11	06	68	09.6	RR	SH06	37	00	75	47	15			24	14	04			6	W	14.50	R	30.64	700	10
11	06	68	09.6	RR	SH06	37	00	75	47	15			24	14	04			9	W	14.90	R	31.77	700	10
11	06	68	09.6	RR	SH06	37	00	75	47	15			24	14	04			12	W	14.90	R	31.81	700	10
11	06	68	09.6	RR	SH06	37	00	75	47	15			24	14	04			15	C	14.91			700	10

SHS 7-68 15 to 18 July 1968

Stations Sampled

640-10	650-10	700-10
640-15	650-15	700-15
640-20	650-20	700-20
640-25	650-25	700-25
640-30	650-30	700-30
640-35	650-35	700-35
640-40	650-40	700-40
640-45	650-45	700-45
640-50	650-50	700-50
640-55	650-55	700-55
640-60	650-60	700-60
640-65	650-65	700-65
640-80	650-80	700-70
		700-75

Sampling Sequence

Date	Time	Station
15 July	11.3	640-10
	11.9	640-15
	13.0	640-20
	13.4	640-25
	14.0	640-30
	15.0	640-35
	15.5	640-40
	16.3	640-45
	16.9	640-50
	17.5	640-55
	18.4	640-60
	19.2	640-65
	21.7	640-80
	22.9	650-80
16 July	05.0	700-75
	06.0	700-70
	07.9	700-65
	08.9	700-60
	09.9	700-55
	10.8	700-50
	11.5	700-45
	12.3	700-40
	13.1	700-35
	13.6	700-30

Date	Time	Station
16 July	14.5	700-25
	15.3	700-20
	16.0	700-15
	16.6	700-10
17 July	05.0	650-10
	05.6	650-15
	06.1	650-20
	14.0	650-45
	14.5	650-40
	15.2	650-35
	15.9	650-30
	16.4	650-25
18 July	05.0	650-65
	05.7	650-60
	06.7	650-55
	07.4	650-50

DATE			STATION TIME E.S.T. HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
15	07	68	11.3	RR	SH07	36	40	75	47	18			27	10	07			0	C	25.31	R	26.08	640	10
15	07	68	11.3	RR	SH07	36	40	75	47	18			27	10	07			3	W	16.56	R	26.94	640	10
15	07	68	11.3	RR	SH07	36	40	75	47	18			27	10	07			6	W	15.30	R	28.24	640	10
15	07	68	11.3	RR	SH07	36	40	75	47	18			27	10	07			9	C	15.16	R	30.93	640	10
15	07	68	11.3	RR	SH07	36	40	75	47	18			27	10	07			12	W	14.90	R	31.96	640	10
15	07	68	11.3	RR	SH07	36	40	75	47	18			27	10	07			15	C	15.01	R	27.40	640	10
15	07	68	11.3	RR	SH07	36	40	75	47	18			27	10	07			18			R	32.14	640	10
15	07	68	11.9	RR	SH07	36	40	75	41	20			27	10	07			0	C	26.11	R	28.38	640	15
15	07	68	11.9	RR	SH07	36	40	75	41	20			27	10	07			3	W	24.00			640	15
15	07	68	11.9	RR	SH07	36	40	75	41	20			27	10	07			6	C	21.86			640	15
15	07	68	11.9	RR	SH07	36	40	75	41	20			27	10	07			9	C	16.50			640	15
15	07	68	11.9	RR	SH07	36	40	75	41	20			27	10	07			12	W	14.50			640	15
15	07	68	11.9	RR	SH07	36	40	75	41	20			27	10	07			15	C	14.15			640	15
15	07	68	11.9	RR	SH07	36	40	75	41	20			27	10	07			18	W	14.00			640	15
15	07	68	11.9	RR	SH07	36	40	75	41	20			27	10	07			20			R	32.35	640	15
15	07	68	13.0	RR	SH07	36	40	75	35	20			27	00	00			0	C	24.89	R	28.05	640	20
15	07	68	13.0	RR	SH07	36	40	75	35	20			27	00	00			3	W	24.30	R	28.68	640	20
15	07	68	13.0	RR	SH07	36	40	75	35	20			27	00	00			6	C	24.10	R	28.91	640	20
15	07	68	13.0	RR	SH07	36	40	75	35	20			27	00	00			9	C	21.24	R	29.80	640	20
15	07	68	13.0	RR	SH07	36	40	75	35	20			27	00	00			12	W	13.50	R	31.19	640	20
15	07	68	13.0	RR	SH07	36	40	75	35	20			27	00	00			15	C	13.44	R	32.03	640	20
15	07	68	13.0	RR	SH07	36	40	75	35	20			27	00	00			18			R	32.42	640	20
15	07	68	13.4	RR	SH07	36	40	75	29	22			28	00	00			0	C	24.92	R	28.97	640	25
15	07	68	13.4	RR	SH07	36	40	75	29	22			28	00	00			3	W	24.30			640	25
15	07	68	13.4	RR	SH07	36	40	75	29	22			28	00	00			6	W	23.50			640	25
15	07	68	13.4	RR	SH07	36	40	75	29	22			28	00	00			9	C	16.33			640	25
15	07	68	13.4	RR	SH07	36	40	75	29	22			28	00	00			12	C	12.85			640	25
15	07	68	13.4	RR	SH07	36	40	75	29	22			28	00	00			15	C	12.74			640	25
15	07	68	13.4	RR	SH07	36	40	75	29	22			28	00	00			18	W	12.50			640	25
15	07	68	13.4	RR	SH07	36	40	75	29	22			28	00	00			21	W	12.50	R	32.40	640	25
15	07	68	14.0	RR	SH07	36	40	75	23	22			29	00	00			0	C	25.39	R	30.25	640	30
15	07	68	14.0	RR	SH07	36	40	75	23	22			29	00	00			3	W	24.70	R	30.23	640	30
15	07	68	14.0	RR	SH07	36	40	75	23	22			29	00	00			6	C	24.45	R	30.40	640	30
15	07	68	14.0	RR	SH07	36	40	75	23	22			29	00	00			9	C	15.00	R	31.53	640	30
15	07	68	14.0	RR	SH07	36	40	75	23	22			29	00	00			12	W	12.50	R	32.23	640	30
15	07	68	14.0	RR	SH07	36	40	75	23	22			29	00	00			15	C	12.89	R	32.48	640	30
15	07	68	14.0	RR	SH07	36	40	75	23	22			29	00	00			18	W	12.50	R	32.51	640	30
15	07	68	14.0	RR	SH07	36	40	75	23	22			29	00	00			21	W	12.50			640	30
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			0	C	27.26	R	30.56	640	35
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			3	W	25.50			640	35
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			6	C	24.87			640	35
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			9	W	16.00			640	35
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			12	C	16.62			640	35
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			15	C	13.13			640	35
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			18	W	11.30			640	35
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			21	W	11.30			640	35
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			24	W	11.20			640	35
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			27	W	11.20			640	35
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			30	W	11.20			640	35
15	07	68	15.0	RR	SH07	36	40	75	16	35			30	00	00			35			R	32.56	640	35
15	07	68	15.5	RR	SH07	36	40	75	16	35			30	00	00			0	C	26.88	R	30.63	640	40
15	07	68	15.5	RR	SH07	36	40	75	16	35			30	00	00			3	W	24.00	R	30.59	640	40
15	07	68	15.5	RR	SH07	36	40	75	16	35			30	00	00			6	C	24.56	R	30.59	640	40
15	07	68	15.5	RR	SH07	36	40	75	16	35			30	00	00			9	C	17.02	R	31.23	640	40
15	07	68	15.5	RR	SH07	36	40	75	16	35			30	00	00			12	W	17.00	R	31.88	640	40
15	07	68	15.5	RR	SH07	36	40	75	16	35			30	00	00			15	C	13.02	R	32.19	640	40
15	07	68	15.5	RR	SH07	36	40	75	16	35			30	00	00			18	W	12.00	R	32.33	640	40
15	07	68	15.5	RR	SH07	36	40	75	16	35			30	00	00			21	W	11.50	R	32.51	640	40
15	07	68	15.5	RR	SH07	36	40	75	16	35			30	00	00			24	W	10.00	R	32.54	640	40
15	07	68	15.5	RR	SH07	36	40	75	16	35			30	00	00			27	W	10.00	R	32.51	640	40
15	07	68	15.5	RR	SH07	36	40	75	16	35			30	00	00			30	W	10.00	R	32.53	640	40
15	07	68	16.3	RR	SH07	36	40	75	04	28			31	00	00			0	C	27.19	R	30.09	640	45
15	07	68	16.3	RR	SH07	36	40	75	04	28			31	00	00			3	W	26.70			640	45
15	07	68	16.3	RR	SH07	36	40	75	04	28			31	00	00			6	C	24.95			640	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
15	07	68	16.3	RR	SH07	36	40	75	04	28		31	00	00		9	C	18.25			640	45
15	07	68	16.3	RR	SH07	36	40	75	04	28		31	00	00		12	W	14.00			640	45
15	07	68	16.3	RR	SH07	36	40	75	04	28		31	00	00		15	C	12.01			640	45
15	07	68	16.3	RR	SH07	36	40	75	04	28		31	00	00		18	W	12.00			640	45
15	07	68	16.3	RR	SH07	36	40	75	04	28		31	00	00		21	W	12.00			640	45
15	07	68	16.3	RR	SH07	36	40	75	04	28		31	00	00		24	W	12.00	R	32.53	640	45
15	07	68	16.9	RR	SH07	36	40	74	58	32		30	00	00		0	C	26.99	R	30.58	640	50
15	07	68	16.9	RR	SH07	36	40	74	58	32		30	00	00		3	W	24.90	R	30.78	640	50
15	07	68	16.9	RR	SH07	36	40	74	58	32		30	00	00		6	C	24.24	R	31.01	640	50
15	07	68	16.9	RR	SH07	36	40	74	58	32		30	00	00		9	C	18.91	R	31.49	640	50
15	07	68	16.9	RR	SH07	36	40	74	58	32		30	00	00		12	W	11.50	R	31.79	640	50
15	07	68	16.9	RR	SH07	36	40	74	58	32		30	00	00		15	C	11.07	R	32.18	640	50
15	07	68	16.9	RR	SH07	36	40	74	58	32		30	00	00		18	W	09.90	R	32.46	640	50
15	07	68	16.9	RR	SH07	36	40	74	58	32		30	00	00		21	W	09.80	R	32.61	640	50
15	07	68	16.9	RR	SH07	36	40	74	58	32		30	00	00		24	W	09.50	R	32.67	640	50
15	07	68	16.9	RR	SH07	36	40	74	58	32		30	00	00		27	W	09.50	R	32.65	640	50
15	07	68	16.9	RR	SH07	36	40	74	58	32		30	00	00		30			R	32.66	640	50
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		0	C	25.52	R	31.05	640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		3	W	25.00			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		6	C	23.69			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		9	C	22.90			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		12	W	14.50			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		15	C	13.04			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		18	W	08.00			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		21	W	08.00			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		24	W	08.00			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		27	W	08.00			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		30	W	08.00			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		35	W	08.00			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		40	W	08.00			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		45	W	09.00			640	55
15	07	68	17.5	RR	SH07	36	40	74	51	51		30	00	00		50	W	10.00	R	33.10	640	55
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		0	C	27.16	R	30.98	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		3	W	25.00	R	31.34	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		6	C	23.32	R	31.46	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		9	C	21.86	R	31.82	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		12	W	18.70	R	32.48	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		15	C	17.65	R	33.90	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		18	W	11.00	R	34.57	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		21	W	10.90	R	34.63	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		24	W	10.50	R	34.95	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		27	W	10.20	R	34.57	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		30	W	10.20	R	34.20	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		35	W	10.50	R	33.82	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		40	W	10.30	R	33.62	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		45	W	10.00	R	33.62	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		50	W	10.00	R	33.58	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		55	W	10.20	R	33.70	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		60	W	10.30	R	33.76	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		65	W	10.50	R	33.83	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		70	W	10.70	R	33.94	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		75	W	10.90	R	33.99	640	60
15	07	68	18.4	RR	SH07	36	40	74	45	81		29	00	00		80	W	11.00	R	34.18	640	60
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		0	C	26.54	R	31.35	640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		3	W	24.50			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		6	C	23.73			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		9	C	23.07			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		12	W	20.50			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		15	C	20.64			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		18	W	18.50			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		21	W	18.30			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		24	W	18.00			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		27	W	15.00			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		30	W	13.30	R	35.21	640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		35	W	11.80			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		40	W	11.00			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		45	W	11.30			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		50	W	12.00			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		55	W	14.00			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		60	W	14.30	R	35.22	640	65

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH	TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY	SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M		°C	DIRECTION CODE	VELOCITY M/SEC.	M	M	INSTR.	°C	INSTR.	‰		
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		65	W	14.10			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		70	W	14.30			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		75	W	14.30			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		80	W	14.50			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		85	W	14.70			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		90	W	14.70			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		95	W	14.70			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		100	W	14.00			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		110	W	13.50			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		120	W	13.25			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		130	W	13.00			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		135	W	13.00	R	35.43	640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		140	W	12.90			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		150	W	12.80			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		160	W	12.70			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		170	W	12.50			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		180	W	12.30			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		190	W	11.70			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		200	W	11.70			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		220	W	11.00			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		240	W	10.50			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		260	W	10.00			640	65
15	07	68	19.2	RR	SH07	36	40	74	39	540		27	00	00		275	W	09.70	R	35.16	640	65
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		0	C	26.68	R	31.56	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		3	W	25.00	R	35.84	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		6	C	24.84	R	35.73	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		9	C	20.74	R	35.62	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		12	W	20.00	R	35.21	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		15	C	19.30	R	34.47	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		18	W	19.00	R	33.25	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		21	W	18.70	R	31.77	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		24	W	18.50	R	31.59	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		27	W	17.80	R	31.54	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		30	W	17.50	R	35.60	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		35	W	16.00	R	35.56	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		40	W	14.50	R	35.46	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		45	W	14.00	R	35.46	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		50	W	13.90	R	35.47	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		55	W	13.80	R	35.60	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		60	W	13.70	R	35.87	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		65	W	13.80	R	36.03	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		70	W	13.90	R	35.99	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		75	W	13.50	R	35.60	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		80	W	13.50	R	35.58	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		85	W	13.40	R	35.58	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		90	W	13.40	R	35.60	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		95	W	13.30	R	35.61	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		100	W	13.00	R	35.61	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		110	W	12.80	R	35.56	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		120	W	12.70	R	35.52	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		130	W	12.70	R	35.50	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		140	W	12.50	R	35.50	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		150	W	12.70	R	35.46	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		160	W	11.70	R	35.48	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		170	W	11.70	R	35.44	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		180	W	11.50	R	35.43	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		190	W	11.30	R	35.41	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		200	W	11.00	R	35.41	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		220	W	10.50	R	35.36	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		240	W	10.00	R	35.31	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		260	W	09.70	R	35.24	640	80
15	07	68	21.7	RR	SH07	36	40	74	29	1700		26	00	00		275	W	09.20	R	35.16	640	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		0	C	26.64	R	32.05	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		3	W	25.10	R	32.08	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		6	C	24.44	R	32.35	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		9	C	21.74	R	33.47	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		12	W	21.30	R	34.38	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		15	C	20.47	R	34.91	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		18	W	19.70	R	35.33	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		21	W	19.40	R	35.60	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		24	W	18.19	R	35.69	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		27	W	17.30	R	35.69	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		30	W	17.00	R	35.55	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		35	W	16.00	R	35.36	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		40	W	15.00	R	35.28	650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700		26	00	00		45	W	14.76	R	35.24	650	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		STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			50	W	14.70	R	35.37		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			55	W	14.00	R	34.39		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			60	W	14.00	R	35.35		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			65	W	13.90	R	35.35		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			70	W	13.90	R	35.39		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			75	W	14.00	R	35.39		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			80	W	14.00	R	35.46		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			85	W	13.90	R	35.53		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			90	W	13.70	R	35.56		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			95	W	13.60	R	35.54		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			100	W	13.50	R	35.27		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			110	W	13.00	R	35.47		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			120	W	12.80	R	35.45		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			130	W	12.70	R	35.73		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			140	W	12.50	R	35.43		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			150	W	12.50	R	35.60		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			160	W	12.50	R	35.39		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			170	W	12.00	R	35.28		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			180	W	12.00	R	35.26		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			190	W	11.80	R	35.35		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			200	W	11.70	R	35.32		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			220	W	11.50	R	35.47		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			240	W	10.70	R	35.52		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			260	W	10.40	R	35.45		650	80
15	07	68	22.9	RR	SH07	36	50	74	20	1700			26	00	00			275	W	09.60	R	35.44		650	80
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			0	C	25.50	R	31.62		700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			3	W	25.30				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			6	C	24.57				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			9	C	23.37				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			12	W	22.50				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			15	C	20.80				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			18	W	20.00				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			21	W	19.80				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			24	W	18.00				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			27	W	16.00				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			30	W	15.50	R	35.28		700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			35	W	15.70				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			40	W	14.50				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			45	W	14.30				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			50	W	14.30				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			55	W	14.50				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			60	W	14.70	R	35.63		700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			65	W	14.60				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			70	W	14.70				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			75	W	14.50				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			80	W	14.30				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			85	W	14.00				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			90	W	13.70				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			95	W	13.50				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			100	W	13.20				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			110	W	13.00				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			120	W	12.70				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			130	W	12.60				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			140	W	12.50	R	35.37		700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			150	W	12.30				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			160	W	12.30				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			170	W	12.20				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			180	W	12.00				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			190	W	11.70				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			200	W	11.50				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			220	W	10.90				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			240	W	10.40				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			260	W	09.70				700	75
16	07	68	05.0	RR	SH07	37	00	74	26	1600			25	00	00			275	W	09.30	R	35.13		700	75
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			0	C	25.39	R	31.92		700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			3	W	24.80	R	32.07		700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			6	C	23.55	R	32.31		700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			9	C	20.03	R	32.71		700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			12	W	19.00	R	33.35		700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			15	C	16.67	R	34.29		700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			18	W	16.50	R	34.59		700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			21	W	15.50	R	34.67		700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			24	W	15.10	R	34.68		700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			27	W	15.10	R	34.68		700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			30	W	15.00	R	34.79		700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			35	W	13.40	R	34.80		700	70

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			40	W	13.80	R	34.88	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			45	W	12.40	R	34.76	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			50	W	12.40	R	34.66	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			55	W	12.50	R	34.80	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			60	W	12.50	R	34.92	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			65	W	12.70	R	34.92	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			70	W	13.00	R	35.02	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			75	W	13.00	R	35.06	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			80	W	13.30	R	35.13	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			85	W	14.00	R	35.19	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			90	W	14.00	R	35.51	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			95	W	14.00	R	35.57	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			100	W	13.70	R	35.47	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			110	W	13.70	R	35.54	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			120	W	13.40	R	35.54	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			130	W	13.00	R	35.45	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			140	W	13.00	R	35.45	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			150	W	13.00	R	35.44	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			160	W	12.70	R	35.44	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			170	W	12.60	R	35.45	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			180	W	12.50	R	35.42	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			190	W	11.80	R	35.43	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			200	W	12.10	R	35.41	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			220	W	11.70	R	35.36	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			240	W	11.30	R	35.28	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			260	W	10.50	R	35.12	700	70
16	07	68	06.0	RR	SH07	37	00	74	32	1300			27	01	04			280	W	10.30	R	35.16	700	70
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					0	C	25.31	R	31.58	700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					3	W	23.50			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					6	C	23.94			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					9	C	23.16			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					12	W	16.70			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					15	C	16.91			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					18	W	15.40			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					21	W	14.90			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					24	W	14.00			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					27	W	11.90			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					30	W	10.30	R	34.35	700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					35	W	09.00			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					40	W	08.80			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					45	W	08.90			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					50	W	09.80			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					55	W	10.30			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					60	W	11.30	R	34.57	700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					65	W	11.70			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					70	W	11.70			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					75	W	11.30			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					80	W	11.30			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					85	W	11.40			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					90	W	11.50			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					95	W	11.60			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					100	W	11.70			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					110	W	12.10			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					120	W	12.20			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					130	W	12.20			700	65
16	07	68	07.9	RR	SH07	37	00	74	39	140			27					135	W	11.90	R	35.03	700	65
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			0	C	26.09	R	31.32	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			3	W	24.20	R	31.05	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			6	C	23.34	R	31.26	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			9	C	18.71	R	31.27	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			12	W	15.40	R	31.80	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			15	C	13.76	R	32.77	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			18	W	12.10	R	33.48	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			21	W	11.70	R	33.61	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			24	W	09.70	R	33.62	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			27	W	09.30	R	33.48	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			30	W	08.30	R	33.33	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			35	W	08.40	R	33.34	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			40	W	08.40	R	33.39	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			45	W	08.60	R	33.43	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			50	W	08.50	R	33.47	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			55	W	08.50	R	33.50	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			60	W	09.00	R	33.61	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			65	W	09.00	R	33.65	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			70	W	09.30	R	33.72	700	60
16	07	68	08.9	RR	SH07	37	00	74	45	80			27	00	00			75	W	09.30	R	33.76	700	60

DATE DAY	MONTH	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 ‰	STATION DESIGNATION
16	07	68	08.9	RR	SH07	37	00	74	45	80		27	00	00		80	W	09.20	R	33.78	700 60
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		0	C	25.68	R	31.05	700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		3	W	23.40			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		6	C	22.62			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		9	C	22.21			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		12	W	13.70			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		15	C	12.53			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		18	W	08.30			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		21	W	07.00			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		24	W	07.00			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		27	W	06.80			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		30	W	06.60			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		35	W	06.50			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		40	W	06.80			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		45	W	07.00			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		50	W	07.20			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		55	C	07.20			700 55
16	07	68	09.9	RR	SH07	37	00	74	51	58		28	00	00		58			R	33.56	700 55
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		0	C	26.02	R	31.06	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		3	W	24.50	R	30.98	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		6	C	23.57	R	30.95	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		9	C	19.01	R	31.06	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		12	W	13.20	R	31.43	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		15	C	11.83	R	31.69	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		18	W	11.00	R	32.04	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		21	W	09.00	R	32.20	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		24	W	08.30	R	32.34	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		27	W	08.00	R	32.43	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		30	W	07.80	R	32.51	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		35	W	07.70	R	32.63	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		40	W	07.40	R	32.73	700 50
16	07	68	10.8	RR	SH07	37	00	74	57	46		29	00	00		43			R	32.81	700 50
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		0	C	28.53	R	30.69	700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		3	W	27.70			700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		6	C	24.47			700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		9	C	23.88			700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		12	W	16.20			700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		15	C	13.69			700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		18	W	12.70			700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		21	W	12.30			700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		24	W	12.30			700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		27	W	12.00			700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		30	W	11.70	R	32.64	700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		35	W	11.70			700 45
16	07	68	11.5	RR	SH07	37	00	75	04	42		29	00	00		40	W	11.70	R	32.71	700 45
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		0	C	26.32	R	30.34	700 40
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		3	W	25.50	R	30.26	700 40
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		6	C	24.81	R	30.25	700 40
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		9	C	23.40	R	30.34	700 40
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		12	W	14.40	R	31.51	700 40
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		15	C	12.12	R	32.11	700 40
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		18	W	11.10	R	32.35	700 40
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		21	W	10.90	R	32.44	700 40
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		24	W	11.00	R	32.46	700 40
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		27	W	10.30	R	32.41	700 40
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		30	W	10.10	R	32.49	700 40
16	07	68	12.3	RR	SH07	37	00	75	10	35		29	00	00		35	W	10.00	R	32.54	700 40
16	07	68	13.1	RR	SH07	37	00	75	16	31		29	00	00		0	C	26.30	R	30.21	700 35
16	07	68	13.1	RR	SH07	37	00	75	16	31		29	00	00		3	W	25.30			700 35
16	07	68	13.1	RR	SH07	37	00	75	16	31		29	00	00		6	C	24.41			700 35
16	07	68	13.1	RR	SH07	37	00	75	16	31		29	00	00		9	C	21.43			700 35
16	07	68	13.1	RR	SH07	37	00	75	16	31		29	00	00		12	W	13.00			700 35
16	07	68	13.1	RR	SH07	37	00	75	16	31		29	00	00		15	C	12.64			700 35
16	07	68	13.1	RR	SH07	37	00	75	16	31		29	00	00		18	W	12.50			700 35
16	07	68	13.1	RR	SH07	37	00	75	16	31		29	00	00		21	W	12.40			700 35
16	07	68	13.1	RR	SH07	37	00	75	16	31		29	00	00		24	W	12.20			700 35
16	07	68	13.1	RR	SH07	37	00	75	16	31		29	00	00		27	W	12.00			700 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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
16	07	68	13.1	RR	SH07	37	00	75	16	31			29	00	00			30	W	12.00	R	32.45	700	35
16	07	68	13.6	RR	SH07	37	00	75	22	30			30	00	00			0	O	26.37	R	28.90	700	30
16	07	68	13.6	RR	SH07	37	00	75	22	30			30	00	00			3	W	24.60	R	28.74	700	30
16	07	68	13.6	RR	SH07	37	00	75	22	30			30	00	00			6	C	23.65	R	29.00	700	30
16	07	68	13.6	RR	SH07	37	00	75	22	30			30	00	00			9	C	18.46	R	30.38	700	30
16	07	68	13.6	RR	SH07	37	00	75	22	30			30	00	00			12	W	13.00	R	31.77	700	30
16	07	68	13.6	RR	SH07	37	00	75	22	30			30	00	00			15	O	12.77	R	32.25	700	30
16	07	68	13.6	RR	SH07	37	00	75	22	30			30	00	00			18	W	12.70	R	32.32	700	30
16	07	68	13.6	RR	SH07	37	00	75	22	30			30	00	00			21	W	12.60	R	32.36	700	30
16	07	68	13.6	RR	SH07	37	00	75	22	30			30	00	00			24	W	12.30	R	32.39	700	30
16	07	68	13.6	RR	SH07	37	00	75	22	30			30	00	00			27	W	12.30	R	32.38	700	30
16	07	68	13.6	RR	SH07	37	00	75	22	30			30	00	00			30			R	32.40	700	30
16	07	68	14.5	RR	SH07	37	00	75	29	24			30	00	00			0	C	25.84	R	28.53	700	25
16	07	68	14.5	RR	SH07	37	00	75	29	24			30	00	00			3	W	24.30			700	25
16	07	68	14.5	RR	SH07	37	00	75	29	24			30	00	00			6	C	23.40			700	25
16	07	68	14.5	RR	SH07	37	00	75	29	24			30	00	00			9	C	18.63			700	25
16	07	68	14.5	RR	SH07	37	00	75	29	24			30	00	00			12	W	12.90			700	25
16	07	68	14.5	RR	SH07	37	00	75	29	24			30	00	00			15	C	13.19			700	25
16	07	68	14.5	RR	SH07	37	00	75	29	24			30	00	00			18	W	13.90			700	25
16	07	68	14.5	RR	SH07	37	00	75	29	24			30	00	00			21	W	14.00			700	25
16	07	68	14.5	RR	SH07	37	00	75	29	24			30	00	00			24			R	32.28	700	25
16	07	68	15.3	RR	SH07	37	00	75	35	23			31	00	00			0	C	28.17	R	29.08	700	20
16	07	68	15.3	RR	SH07	37	00	75	35	23			31	00	00			3	W	26.40	R	29.22	700	20
16	07	68	15.3	RR	SH07	37	00	75	35	23			31	00	00			6	C	23.86	R	30.22	700	20
16	07	68	15.3	RR	SH07	37	00	75	35	23			31	00	00			9	O	17.92	R	31.43	700	20
16	07	68	15.3	RR	SH07	37	00	75	35	23			31	00	00			12	W	16.00	R	31.96	700	20
16	07	68	15.3	RR	SH07	37	00	75	35	23			31	00	00			15	C	13.87	R	32.15	700	20
16	07	68	15.3	RR	SH07	37	00	75	35	23			31	00	00			18	W	15.70	R	32.18	700	20
16	07	68	15.3	RR	SH07	37	00	75	35	23			31	00	00			21	W	15.70	R	32.20	700	20
16	07	68	16.0	RR	SH07	37	00	75	41	23			30	00	00			0	C	26.62	R	31.33	700	15
16	07	68	16.0	RR	SH07	37	00	75	41	23			30	00	00			3	W	25.70			700	15
16	07	68	16.0	RR	SH07	37	00	75	41	23			30	00	00			6	C	23.88			700	15
16	07	68	16.0	RR	SH07	37	00	75	41	23			30	00	00			9	C	18.46			700	15
16	07	68	16.0	RR	SH07	37	00	75	41	23			30	00	00			12	W	16.30			700	15
16	07	68	16.0	RR	SH07	37	00	75	41	23			30	00	00			15	O	15.26			700	15
16	07	68	16.0	RR	SH07	37	00	75	41	23			30	00	00			18	W	16.20			700	15
16	07	68	16.0	RR	SH07	37	00	75	41	23			30	00	00			21			R	31.97	700	15
16	07	68	16.6	RR	SH07	37	00	75	47	18			30	00	00			0	O	27.88	R	29.98	700	10
16	07	68	16.6	RR	SH07	37	00	75	47	18			30	00	00			3	W	26.80	R	30.23	700	10
16	07	68	16.6	RR	SH07	37	00	75	47	18			30	00	00			6	O	24.86	R	30.55	700	10
16	07	68	16.6	RR	SH07	37	00	75	47	18			30	00	00			9	O	21.47	R	31.02	700	10
16	07	68	16.6	RR	SH07	37	00	75	47	18			30	00	00			12	C	18.50	R	31.48	700	10
16	07	68	16.6	RR	SH07	37	00	75	47	18			30	00	00			15			R	31.66	700	10
16	07	68	16.6	RR	SH07	37	00	75	47	18			30	00	00			18			R	31.65	700	10
17	07	68	05.0	RR	SH07	36	50	75	47	18			25	30	04			0	C	25.42	R	26.27	650	10
17	07	68	05.0	RR	SH07	36	50	75	47	18			25	30	04			3	W	24.00	R	26.38	650	10
17	07	68	05.0	RR	SH07	36	50	75	47	18			25	30	04			6	O	23.50	R	27.99	650	10
17	07	68	05.0	RR	SH07	36	50	75	47	18			25	30	04			9	C	16.73	R	30.20	650	10
17	07	68	05.0	RR	SH07	36	50	75	47	18			25	30	04			12	W	14.60	R	31.84	650	10
17	07	68	05.0	RR	SH07	36	50	75	47	18			25	30	04			15	C	14.53	R	30.73	650	10
17	07	68	05.0	RR	SH07	36	50	75	47	18			25	30	04			18	W	14.30	R	32.11	650	10
17	07	68	05.6	RR	SH07	36	50	75	41	21			26	30	04			0	O	25.73	R	27.99	650	15
17	07	68	05.6	RR	SH07	36	50	75	41	21			26	30	04			3	W	24.00			650	15
17	07	68	05.6	RR	SH07	36	50	75	41	21			26	30	04			6	C	23.93			650	15
17	07	68	05.6	RR	SH07	36	50	75	41	21			26	30	04			9	O	19.72			650	15
17	07	68	05.6	RR	SH07	36	50	75	41	21			26	30	04			12	W	13.70			650	15
17	07	68	05.6	RR	SH07	36	50	75	41	21			26	30	04			15	O	14.00			650	15
17	07	68	05.6	RR	SH07	36	50	75	41	21			26	30	04			18	W	13.70	R	32.29	650	15
17	07	68	06.1	RR	SH07	36	50	75	35	20			26	30	04			0	C	26.39	R	28.44	650	20

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
17	07	68	06.1	RR	SH07	36	50	75	35	20		26	30	04		3	W	25.00	R	28.39	650	20
17	07	68	06.1	RR	SH07	36	50	75	35	20		26	30	04		6	C	24.66	R	28.95	650	20
17	07	68	06.1	RR	SH07	36	50	75	35	20		26	30	04		9	C	19.99	R	30.21	650	20
17	07	68	06.1	RR	SH07	36	50	75	35	20		26	30	04		12	W	13.40	R	31.59	650	20
17	07	68	06.1	RR	SH07	36	50	75	35	20		26	30	04		15	C	13.65	R	32.13	650	20
17	07	68	06.1	RR	SH07	36	50	75	35	20		26	30	04		18			R	32.32	650	20
17	07	68	14.0	RR	SH07	36	50	75	04	32		29	23	05		0	C	26.97	R	30.35	650	45
17	07	68	14.0	RR	SH07	36	50	75	04	32		29	23	05		3					650	45
17	07	68	14.0	RR	SH07	36	50	75	04	32		29	23	05		6	C	24.66			650	45
17	07	68	14.0	RR	SH07	36	50	75	04	32		29	23	05		9	C	18.81			650	45
17	07	68	14.0	RR	SH07	36	50	75	04	32		29	23	05		12					650	45
17	07	68	14.0	RR	SH07	36	50	75	04	32		29	23	05		15	C	12.52			650	45
17	07	68	14.0	RR	SH07	36	50	75	04	32		29	23	05		18					650	45
17	07	68	14.0	RR	SH07	36	50	75	04	32		29	23	05		21					650	45
17	07	68	14.0	RR	SH07	36	50	75	04	32		29	23	05		24			R	32.59	650	45
17	07	68	14.5	RR	SH07	36	50	75	10	32		29	23	05		0	C	27.82	R	32.59	650	40
17	07	68	14.5	RR	SH07	36	50	75	10	32		29	23	05		3	W	26.50	R	30.26	650	40
17	07	68	14.5	RR	SH07	36	50	75	10	32		29	23	05		6	C	25.70	R	30.16	650	40
17	07	68	14.5	RR	SH07	36	50	75	10	32		29	23	05		9	C	22.85	R	30.19	650	40
17	07	68	14.5	RR	SH07	36	50	75	10	32		29	23	05		12	W	14.00	R	30.50	650	40
17	07	68	14.5	RR	SH07	36	50	75	10	32		29	23	05		15	C	13.69	R	31.61	650	40
17	07	68	14.5	RR	SH07	36	50	75	10	32		29	23	05		18	W	11.20	R	32.00	650	40
17	07	68	15.2	RR	SH07	36	50	75	16	29		30	00	00		0	C	28.39	R	30.26	650	35
17	07	68	15.2	RR	SH07	36	50	75	16	29		30	00	00		3	W	26.30			650	35
17	07	68	15.2	RR	SH07	36	50	75	16	29		30	00	00		6	C	25.78			650	35
17	07	68	15.2	RR	SH07	36	50	75	16	29		30	00	00		9	C	23.33			650	35
17	07	68	15.2	RR	SH07	36	50	75	16	29		30	00	00		12	W	12.40			650	35
17	07	68	15.2	RR	SH07	36	50	75	16	29		30	00	00		15	C	12.35			650	35
17	07	68	15.2	RR	SH07	36	50	75	16	29		30	00	00		18	W	11.70			650	35
17	07	68	15.2	RR	SH07	36	50	75	16	29		30	00	00		21	W	11.60			650	35
17	07	68	15.2	RR	SH07	36	50	75	16	29		30	00	00		24	W	11.50			650	35
17	07	68	15.2	RR	SH07	36	50	75	16	29		30	00	00		27	W	11.50			650	35
17	07	68	15.2	RR	SH07	36	50	75	16	29		30	00	00		29	W	11.50	R	32.50	650	35
17	07	68	15.9	RR	SH07	36	50	75	21	28		30	00	00		0	C	28.67	R	29.37	650	30
17	07	68	15.9	RR	SH07	36	50	75	21	28		30	00	00		3	W	27.00	R	30.03	650	30
17	07	68	15.9	RR	SH07	36	50	75	21	28		30	00	00		6	C	25.15	R	30.11	650	30
17	07	68	15.9	RR	SH07	36	50	75	21	28		30	00	00		9	C	23.79	R	30.31	650	30
17	07	68	15.9	RR	SH07	36	50	75	21	28		30	00	00		12	W	14.70	R	31.30	650	30
17	07	68	15.9	RR	SH07	36	50	75	21	28		30	00	00		15	C	13.38	R	32.03	650	30
17	07	68	15.9	RR	SH07	36	50	75	21	28		30	00	00		18	W	14.30	R	32.30	650	30
17	07	68	15.9	RR	SH07	36	50	75	21	28		30	00	00		21	W	14.50	R	32.31	650	30
17	07	68	15.9	RR	SH07	36	50	75	21	28		30	00	00		24	W	14.30	R	32.33	650	30
17	07	68	16.4	RR	SH07	36	50	75	29	20		31	14	05		0	C	27.12	R	27.97	650	25
17	07	68	16.4	RR	SH07	36	50	75	29	20		31	14	05		3	W	25.30			650	25
17	07	68	16.4	RR	SH07	36	50	75	29	20		31	14	05		6	C	24.76			650	25
17	07	68	16.4	RR	SH07	36	50	75	29	20		31	14	05		9	C	23.29			650	25
17	07	68	16.4	RR	SH07	36	50	75	29	20		31	14	05		12	W	14.30			650	25
17	07	68	16.4	RR	SH07	36	50	75	29	20		31	14	05		15	C	14.49			650	25
17	07	68	16.4	RR	SH07	36	50	75	29	20		31	14	05		18			R	32.22	650	25
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		0	C	26.26	R	31.42	650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		3	W	24.00			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		6	C	22.43			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		9	C	20.13			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		12	W	18.50			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		15	C	17.34			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		18	W	18.50			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		21	W	16.00			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		24	W	14.50			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		27	W	12.50			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		30	W	10.50	R	34.67	650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		35	W	10.00			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		40	W	09.00			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		45	W	09.20			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190		26	18	06		50	W	10.00			650	65

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			55	W	10.50			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			60	W	11.50	R	33.91	650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			65	W	11.30			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			70	W	11.50			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			75	W	11.70			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			80	W	12.30			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			85	W	12.50			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			90	W	12.70			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			95	W	12.90			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			100	W	12.90			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			110	W	12.90			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			120	W	12.90			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			130	W	12.80			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			140	W	12.50	R	35.45	650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			150	W	12.20			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			160	W	12.00			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			170	W	11.60			650	65
18	07	68	05.0	RR	SH07	36	50	74	39	190			26	18	06			183	W	11.00	R	35.28	650	65
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			0	C	26.26	R	31.03	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			3	W	25.70	R	31.18	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			6	C	24.29	R	31.29	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			9	C	22.83	R	31.42	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			12	W	16.70	R	31.99	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			15	C	14.49	R	32.47	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			18	W	13.70	R	32.94	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			21	W	13.00	R	33.28	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			24	W	11.00	R	33.48	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			27	W	10.00	R	33.45	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			30	W	10.20	R	33.39	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			35	W	10.00	R	33.41	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			40	W	10.50	R	33.55	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			45	W	11.00	R	33.62	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			50	W	11.00	R	33.66	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			55	W	11.10	R	33.77	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			60	W	11.30	R	33.80	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			65	W	10.80	R	33.76	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			70	W	10.50	R	33.75	650	60
18	07	68	05.7	RR	SH07	36	50	74	45	75			28	18	06			75			R	33.74	650	60
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			0	C	26.64	R	31.02	650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			3	W	24.40			650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			6	C	22.89			650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			9	C	25.38			650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			12	W	14.30			650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			15	C	12.29			650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			18	W	09.90			650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			21	W	08.80			650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			24	W	07.70			650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			27	W	07.40			650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			30	W	07.20	R	32.43	650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			35	W	07.00			650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			40	W	07.10			650	55
18	07	68	06.7	RR	SH07	36	50	74	51	46			27	18	06			46	W	07.20	R	33.16	650	55
18	07	68	07.4	RR	SH07	36	50	74	57	35			27	18	06			0	C	26.55	R	30.80	650	50
18	07	68	07.4	RR	SH07	36	50	74	57	35			27	18	06			3	W	25.00	R	30.79	650	50
18	07	68	07.4	RR	SH07	36	50	74	57	35			27	18	06			6	C	24.73	R	30.85	650	50
18	07	68	07.4	RR	SH07	36	50	74	57	35			27	18	06			9	C	14.51	R	31.09	650	50
18	07	68	07.4	RR	SH07	36	50	74	57	35			27	18	06			12	W	12.00	R	31.72	650	50
18	07	68	07.4	RR	SH07	36	50	74	57	35			27	18	06			15	C	12.41	R	32.15	650	50
18	07	68	07.4	RR	SH07	36	50	74	57	35			27	18	06			18	W	10.70	R	32.43	650	50
18	07	68	07.4	RR	SH07	36	50	74	57	35			27	18	06			21	W	10.30	R	32.55	650	50
18	07	68	07.4	RR	SH07	36	50	74	57	35			27	18	06			24	W	09.90	R	32.58	650	50
18	07	68	07.4	RR	SH07	36	50	74	57	35			27	18	06			27	W	09.80	R	32.59	650	50
18	07	68	07.4	RR	SH07	36	50	74	57	35			27	18	06			30	W	09.30	R	32.62	650	50

SHS 8-68 6 and 7 August 1968

Stations Sampled

658-13	701-70	710-15
658-18	706-55	710-20
658-23	706-61	710-25
658-27	707-45	710-60
658-32	707-50	710-65
658-37	708-40	710-72
658-42	709-30	
658-47	709-35	
658-52		
658-56		
658-61		
658-65		

Sampling Sequence

Date	Time	Station
6 Aug.	07.0	710-20
	07.3	710-15
	08.9	710-25
	09.5	709-30
	10.3	709-35
	11.0	708-40
	12.4	707-45
	13.0	707-50
	14.1	706-55
	14.7	706-61
	15.4	710-60
	16.5	710-65
	17.5	710-72
	20.1	701-70
	20.5	658-65
	23.0	658-61

Date	Time	Station
7 Aug.	00.6	658-56
	01.2	658-52
	02.3	658-47
	03.1	658-42
	04.2	658-37
	05.0	658-32
	05.9	658-27
	06.6	658-23
	08.0	658-18
	08.8	658-13

DATE			STATION TIME E.S.T.	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰		
06	08	68	07.0	PA	SH08	37	10	75	35	22					00			0	J	25.74	R	28.26	710	20
06	08	68	07.0	PA	SH08	37	10	75	35	22					00			3	J	25.03	R	28.24	710	20
06	08	68	07.0	PA	SH08	37	10	75	35	22					00			6			R	30.23	710	20
06	08	68	07.0	PA	SH08	37	10	75	35	22					00			9	J	12.82	R	31.95	710	20
06	08	68	07.0	PA	SH08	37	10	75	35	22					00			12			R	32.22	710	20
06	08	68	07.0	PA	SH08	37	10	75	35	22					00			15	J	12.36	R	32.28	710	20
06	08	68	07.0	PA	SH08	37	10	75	35	22					00			18			R	32.28	710	20
06	08	68	07.0	PA	SH08	37	10	75	35	22					00			21			R	32.30	710	20
06	08	68	07.3	PA	SH08	37	10	75	41	16								0	J	24.90	R	28.45	710	15
06	08	68	08.9	PA	SH08	37	10	75	29	22								0	J	28.00			710	25
06	08	68	08.9	PA	SH08	37	10	75	29	22								3	J	25.06			710	25
06	08	68	08.9	PA	SH08	37	10	75	29	22								9	J	15.01			710	25
06	08	68	08.9	PA	SH08	37	10	75	29	22								15	J	12.42			710	25
06	08	68	09.5	PA	SH08	37	09	75	22	30								0	J	26.80	R	28.43	709	30
06	08	68	09.5	PA	SH08	37	09	75	22	30								3	J	25.90	R	28.45	709	30
06	08	68	09.5	PA	SH08	37	09	75	22	30								6	W	18.9	R	29.42	709	30
06	08	68	09.5	PA	SH08	37	09	75	22	30								9	J	17.10	R	30.77	709	30
06	08	68	09.5	PA	SH08	37	09	75	22	30								12	W	12.3	R	31.90	709	30
06	08	68	09.5	PA	SH08	37	09	75	22	30								15	J	11.50	R	32.17	709	30
06	08	68	09.5	PA	SH08	37	09	75	22	30								18	W	10.2	R	32.38	709	30
06	08	68	09.5	PA	SH08	37	09	75	22	30								21	W	09.3	R	32.50	709	30
06	08	68	09.5	PA	SH08	37	09	75	22	30								24	W	09.2	R	32.63	709	30
06	08	68	09.5	PA	SH08	37	09	75	22	30								27	W	09.2	R	32.64	709	30
06	08	68	09.5	PA	SH08	37	09	75	22	30								30	W	09.2	R	32.64	709	30
06	08	68	10.3	PA	SH08	37	09	75	16	25								0	J	26.78	R	29.33	709	35
06	08	68	10.3	PA	SH08	37	09	75	16	25								3	J	26.50			709	35
06	08	68	10.3	PA	SH08	37	09	75	16	25								6	J	26.02			709	35
06	08	68	10.3	PA	SH08	37	09	75	16	25								9	J	19.93			709	35
06	08	68	10.3	PA	SH08	37	09	75	16	25								15	J	10.84			709	35
06	08	68	11.0	PA	SH08	37	08	75	10	31			27					0	J	26.2	R	29.63	708	40
06	08	68	11.0	PA	SH08	37	08	75	10	31			27					3	J	26.1	R	29.54	708	40
06	08	68	11.0	PA	SH08	37	08	75	10	31			27					6	J	26.1	R	29.55	708	40
06	08	68	11.0	PA	SH08	37	08	75	10	31			27					9	J	24.8	R	30.07	708	40
06	08	68	11.0	PA	SH08	37	08	75	10	31			27					12	J	19.4	R	31.25	708	40
06	08	68	11.0	PA	SH08	37	08	75	10	31			27					15	J	13.5	R	32.07	708	40
06	08	68	11.0	PA	SH08	37	08	75	10	31			27					18	W	10.1	R	32.46	708	40
06	08	68	11.0	PA	SH08	37	08	75	10	31			27					21	W	08.9	R	32.58	708	40
06	08	68	11.0	PA	SH08	37	08	75	10	31			27					24	W	08.7	R	32.72	708	40
06	08	68	11.0	PA	SH08	37	08	75	10	31			27					27	W	08.6	R	32.73	708	40
06	08	68	11.0	PA	SH08	37	08	75	10	31			27					30	W	08.6	R	32.76	708	40
06	08	68	12.4	PA	SH08	37	07	75	04	32			29					0	J	27.38	R	30.25	707	45
06	08	68	12.4	PA	SH08	37	07	75	04	32			29					3	J	26.33			707	45
06	08	68	12.4	PA	SH08	37	07	75	04	32			29					6	J	26.00			707	45
06	08	68	12.4	PA	SH08	37	07	75	04	32			29					9	J	25.59			707	45
06	08	68	12.4	PA	SH08	37	07	75	04	32			29					12	J	23.61			707	45
06	08	68	12.4	PA	SH08	37	07	75	04	32			29					15	J	20.62			707	45
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					0	J	29.7	R	30.71	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					3	J	26.6	R	30.64	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					6	J	26.2	R	30.66	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					9	J	26.1	R	30.80	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					12	J	25.3	R	31.65	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					15	J	22.6	R	32.88	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					18	W	19.8	R	33.45	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					21	W	11.5	R	33.07	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					24	W	10.3	R	32.74	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					27	W	08.5	R	32.62	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					30	W	08.4	R	32.73	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					35	W	08.6	R	32.89	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					40	W	08.6	R	33.06	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					45	W	08.5	R	33.11	707	50
06	08	68	13.0	PA	SH08	37	07	74	57	50			28					50	W	08.5	R	33.13	707	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
06	08	68	14.1	PA	SH08	37	06	74	57	51													706	55
06	08	68	14.1	PA	SH08	37	06	74	57	51								0	J	26.73	R	30.78	706	55
06	08	68	14.1	PA	SH08	37	06	74	57	51								3	J	26.00			706	55
06	08	68	14.1	PA	SH08	37	06	74	57	51								6	J	26.03			706	55
06	08	68	14.1	PA	SH08	37	06	74	57	51								9	J	25.65			706	55
06	08	68	14.1	PA	SH08	37	06	74	57	51								12	J	25.00			706	55
06	08	68	14.1	PA	SH08	37	06	74	57	51								15	J	28.89			706	55
06	08	68	14.7	PA	SH08	37	06	74	43	130			30											
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					0	J	29.10	R	31.15	706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					3	J	26.26			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					6	J	26.20			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					9	J	26.12			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					12	J	25.70			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					15	J	25.29			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					18	W	21.9			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					21	W	19.8			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					24	W	17.7			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					27	W	17.6			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					30	W	17.0			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					35	W	16.9			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					40	W	15.0			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					45	W	14.7			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					50	W	12.9			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					55	W	13.0			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					60	W	13.1			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					65	W	13.7			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					70	W	13.7			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					75	W	13.8			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					80	W	13.8			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					85	W	13.7			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					90	W	13.5			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					95	W	13.3			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					100	W	13.2			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					110	W	13.1			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					120	W	12.9			706	61
06	08	68	14.7	PA	SH08	37	06	74	43	130			30					130	W	12.9			706	61
06	08	68	15.4	PA	SH08	37	10	74	45	73			29											
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					0	J	27.35	R	31.06	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					3	J	26.05	R	31.05	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					6	J	26.00	R	31.12	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					9	J	24.90	R	31.91	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					12	J	24.57	R	33.18	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					15	J	21.90	R	33.75	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					18	W	19.2	R	34.07	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					21	W	19.0	R	34.79	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					24	W	18.2	R	35.11	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					27	W	17.3	R	35.08	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					30	W	17.0	R	35.02	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					35	W	13.3	R	34.31	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					40	W	11.6	R	34.02	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					45	W	09.3	R	33.81	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					50	W	08.1	R	33.63	710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					55	W	07.6			710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					60	W	08.2			710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					65	W	08.8			710	60
06	08	68	15.4	PA	SH08	37	10	74	45	73			29					70	W	08.8			710	60
06	08	68	16.5	PA	SH08	37	10	74	39	88														
06	08	68	16.5	PA	SH08	37	10	74	39	88								0	J	27.38	R	31.34	710	65
06	08	68	16.5	PA	SH08	37	10	74	39	88								3	J	26.13			710	65
06	08	68	16.5	PA	SH08	37	10	74	39	88								6	J	25.70			710	65
06	08	68	16.5	PA	SH08	37	10	74	39	88								9	J	25.48			710	65
06	08	68	16.5	PA	SH08	37	10	74	39	88								12	J	25.39			710	65
06	08	68	16.5	PA	SH08	37	10	74	39	88								15	J	23.25			710	65
06	08	68	17.5	PA	SH08	37	00	74	30	720														
06	08	68	17.5	PA	SH08	37	00	74	30	720								0	J	27.68	R	32.26	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								3	W	26.9	R	34.02	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								6	J	26.63	R	33.81	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								9	W	26.1	R	33.63	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								12	W	25.8	R	33.56	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								15	J	25.59	R	34.63	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								18	W	24.8	R	34.90	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								21	W	21.0	R	34.97	710	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
06	08	68	17.5	PA	SH08	37	00	74	30	720								24	W	19.8	R	34.98	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								27	W	17.6	R	34.89	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								30	W	16.2	R	34.78	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								35	W	16.1	R	34.88	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								40	W	14.1	R	35.15	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								45	W	14.1	R	35.09	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								50	W	14.6	R	34.97	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								55	W	14.6	R	35.53	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								60	W	14.4	R	35.56	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								65	W	14.3	R	35.55	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								70	W	14.2	R	35.55	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								75	W	14.1	R	35.55	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								80	W	13.9	R	35.64	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								85	W	13.8	R	35.52	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								90	W	13.6	R	35.51	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								95	W	13.4	R	35.55	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								100	W	13.3	R	35.29	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								110	W	12.8	R	35.51	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								120	W	12.5	R	35.45	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								130	W	12.4	R	35.46	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								140	W	12.4	R	35.55	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								150	W	12.1	R	35.46	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								160	W	12.0	R	35.45	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								170	W	11.7	R	35.44	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								180	W	11.4	R	35.40	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								190	W	11.4	R	35.38	710	72
06	08	68	17.5	PA	SH08	37	00	74	30	720								200	W	11.3	R	35.37	710	72
06	08	68	20.1	PA	SH08	37	015	74	295	910								0	J	27.58	R	32.44	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								3	W	27.1	R	34.20	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								6	J	26.66	R	34.51	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								9	W	26.4	R	34.70	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								12	W	26.2			701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								15	J	25.41	R	34.82	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								18	W	24.2	R	32.62	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								21	W	21.7	R	35.35	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								24	W	20.2	R	35.37	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								27	W	19.6	R	35.56	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								30	W	19.2	R	35.28	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								35	W	18.3	R	35.12	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								40	W	16.7	R	34.97	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								45	W	15.0	R	34.97	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								50	W	13.8	R	35.19	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								55	W	13.9	R	35.14	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								60	W	13.9	R	35.23	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								65	W	13.4	R	35.34	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								70	W	13.4	R	35.35	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								75	W	13.5	R	35.40	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								80	W	13.5	R	35.01	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								85	W	13.6	R	35.55	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								90	W	13.7	R	35.61	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								95	W	13.6	R	35.60	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								100	W	13.5	R	35.60	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								110	W	13.2	R	35.50	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								120	W	12.7	R	35.48	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								130	W	12.4	R	35.49	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								140	W	12.2	R	35.46	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								150			R	35.45	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								160			R	35.46	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								170			R	35.48	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								180			R	35.39	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								190			R	35.36	701	70
06	08	68	20.1	PA	SH08	37	015	74	295	910								200			R	35.32	701	70
06	08	68	20.5	PA	SH08	36	58	74	38	110								0	J	26.80	R	31.70	658	65
06	08	68	20.5	PA	SH08	36	58	74	38	110								3	J	26.57			658	65
06	08	68	20.5	PA	SH08	36	58	74	38	110								9	J	26.30			658	65
06	08	68	20.5	PA	SH08	36	58	74	38	110								15	J	25.53			658	65
06	08	68	23.0	PA	SH08	36	58	74	44	79								0	J	26.60	R	31.30	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								3	J	26.60	R	31.27	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								6	J	26.18	R	31.28	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								9	J	25.90	R	31.82	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								12	J	25.48	R	32.33	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								15	J	23.93	R	33.43	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								18	W	23.3	R	34.53	658	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
06	08	68	23.0	PA	SH08	36	58	74	44	79								21	W	22.1	R	34.86	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								24	W	19.2	R	34.55	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								27	W	18.0	R	34.89	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								30	W	17.5	R	34.99	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								35	W	09.4	R	33.52	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								40	W	07.2	R	33.27	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								45	W	06.9	R	33.05	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								50	W	07.1	R	33.05	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								55	W	09.3	R	34.06	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								60	W	11.0	R	34.37	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								65	W	12.9	R	34.83	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								70	W	13.8	R	35.28	658	61
06	08	68	23.0	PA	SH08	36	58	74	44	79								75	W	13.2			658	61
07	08	68	00.6	PA	SH08	36	58	74	50	57								0	J	26.55	R	30.83	658	56
07	08	68	00.6	PA	SH08	36	58	74	50	57								3	J	26.55			658	56
07	08	68	00.6	PA	SH08	36	58	74	50	57								6	J	26.36			658	56
07	08	68	00.6	PA	SH08	36	58	74	50	57								9	J	25.90			658	56
07	08	68	00.6	PA	SH08	36	58	74	50	57								12	J	25.49			658	56
07	08	68	00.6	PA	SH08	36	58	74	50	57								15	J	24.83			658	56
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			0	J	26.56	R	30.16	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			3	J	26.56	R	30.14	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			6	J	26.50	R	30.14	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			9	J	26.36	R	30.78	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			12	W	25.3	R	31.92	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			15	W	15.4	R	32.66	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			18	W	13.1	R	33.00	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			21	W	08.3	R	33.03	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			24	W	07.5	R	33.00	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			27	W	07.2	R	33.06	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			30	W	07.0	R	33.09	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			35	W	07.0	R	33.20	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			40	W	07.1	R	33.25	658	52
07	08	68	01.2	PA	SH08	36	58	74	55	48			27	24	05			45	W	07.1	R	33.32	658	52
07	08	68	02.3	PA	SH08	36	58	75	02	36								0	J	26.40	R	29.96	658	47
07	08	68	02.3	PA	SH08	36	58	75	02	36								3	J	26.40			658	47
07	08	68	02.3	PA	SH08	36	58	75	02	36								6	J	26.36			658	47
07	08	68	02.3	PA	SH08	36	58	75	02	36								9	J	26.26			658	47
07	08	68	02.3	PA	SH08	36	58	75	02	36								12	J	25.32			658	47
07	08	68	02.3	PA	SH08	36	58	75	02	36								15	J	15.97			658	47
07	08	68	03.1	PA	SH08	36	58	75	08	36								0	J	26.83	R	29.91	658	42
07	08	68	03.1	PA	SH08	36	58	75	08	36								3	J	26.83	R	29.84	658	42
07	08	68	03.1	PA	SH08	36	58	75	08	36								6	J	26.70	R	29.89	658	42
07	08	68	03.1	PA	SH08	36	58	75	08	36								9	J	25.83	R	30.11	658	42
07	08	68	03.1	PA	SH08	36	58	75	08	36								12	J	24.83	R	30.55	658	42
07	08	68	03.1	PA	SH08	36	58	75	08	36								15	W	12.5	R	31.80	658	42
07	08	68	03.1	PA	SH08	36	58	75	08	36								18	W	10.9	R	32.25	658	42
07	08	68	03.1	PA	SH08	36	58	75	08	36								21	W	10.6	R	32.50	658	42
07	08	68	03.1	PA	SH08	36	58	75	08	36								24	W	09.0	R	32.51	658	42
07	08	68	03.1	PA	SH08	36	58	75	08	36								27	W	07.8	R	32.66	658	42
07	08	68	03.1	PA	SH08	36	58	75	08	36								30	W	07.4	R	32.90	658	42
07	08	68	03.1	PA	SH08	36	58	75	08	36								35	W	07.5	R	33.02	658	42
07	08	68	04.2	PA	SH08	36	58	75	14	31								0	J	26.83	R	29.52	658	37
07	08	68	04.2	PA	SH08	36	58	75	14	31								3	J	26.83			658	37
07	08	68	04.2	PA	SH08	36	58	75	14	31								6	J	26.83			658	37
07	08	68	04.2	PA	SH08	36	58	75	14	31								9	J	22.71			658	37
07	08	68	04.2	PA	SH08	36	58	75	14	31								12	J	14.69			658	37
07	08	68	04.2	PA	SH08	36	58	75	14	31								15	J	13.12			658	37
07	08	68	05.0	PA	SH08	36	58	75	20	30								0	J	26.32	R	29.27	658	32
07	08	68	05.0	PA	SH08	36	58	75	20	30								3	J	26.40	R	31.90	658	32
07	08	68	05.0	PA	SH08	36	58	75	20	30								6	W	23.6	R	29.47	658	32
07	08	68	05.0	PA	SH08	36	58	75	20	30								9	J	14.99	R	29.22	658	32
07	08	68	05.0	PA	SH08	36	58	75	20	30								12	W	13.5	R	28.22	658	32
07	08	68	05.0	PA	SH08	36	58	75	20	30								15	J	13.01	R	32.38	658	32
07	08	68	05.0	PA	SH08	36	58	75	20	30								18	W	11.3	R	32.46	658	32

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M				DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰		
07	08	68	05.0	PA	SH08	36	58	75	20	30								21	W	10.3	R	32.50	658	32
07	08	68	05.0	PA	SH08	36	58	75	20	30								24	W	10.2	R	32.53	658	32
07	08	68	05.0	PA	SH08	36	58	75	20	30								27	W	10.2	R	32.64	658	32
07	08	68	05.0	PA	SH08	36	58	75	20	30								30	W	10.1	R	32.64	658	32
07	08	68	05.9	PA	SH08	36	58	75	26	28								0	J	26.40	R	28.22	658	27
07	08	68	05.9	PA	SH08	36	58	75	26	28								3	J	26.38			658	27
07	08	68	05.9	PA	SH08	36	58	75	26	28								9	J	15.42			658	27
07	08	68	05.9	PA	SH08	36	58	75	26	28								15	J	12.21			658	27
07	08	68	06.6	PA	SH08	36	58	75	32	23				22	05			0	J	25.49	R	27.23	658	23
07	08	68	06.6	PA	SH08	36	58	75	32	23				22	05			3	J	25.51	R	27.26	658	23
07	08	68	06.6	PA	SH08	36	58	75	32	23				22	05			6	W	14.4	R	30.29	658	23
07	08	68	06.6	PA	SH08	36	58	75	32	23				22	05			9	J	13.33	R	32.10	658	23
07	08	68	06.6	PA	SH08	36	58	75	32	23				22	05			12	W	12.5	R	32.36	658	23
07	08	68	06.6	PA	SH08	36	58	75	32	23				22	05			15	J	12.42	R	32.37	658	23
07	08	68	06.6	PA	SH08	36	58	75	32	23				22	05			18	W	12.4	R	32.43	658	23
07	08	68	06.6	PA	SH08	36	58	75	32	23				22	05			21	W	12.3	R	32.34	658	23
07	08	68	08.0	PA	SH08	36	58	75	38	16								0	J	28.81	R	27.34	658	18
07	08	68	08.0	PA	SH08	36	58	75	38	16								6	J	15.29			658	18
07	08	68	08.0	PA	SH08	36	58	75	38	16								15	J	12.64			658	18
07	08	68	08.8	PA	SH08	36	58	75	44	12								0	J	21.90	R	28.36	658	13
07	08	68	08.8	PA	SH08	36	58	75	44	12								3	J	17.83	R	29.15	658	13
07	08	68	08.8	PA	SH08	36	58	75	44	12								6	J	14.25	R	31.30	658	13
07	08	68	08.8	PA	SH08	36	58	75	44	12								9	J	14.20	R	32.09	658	13
07	08	68	08.8	PA	SH08	36	58	75	44	12								12	J	14.18			658	13

SHS 9-68 19 to 21 September 1968

Stations Sampled

640-10	650-10	700-10	710-15
640-15	650-15	700-15	710-20
640-20	650-20	700-20	710-30
640-25	650-25	700-25	710-35
640-30	650-30	700-30	710-40
640-35	650-35	700-35	710-45
640-40	650-40	700-40	710-50
640-45	650-45	700-45	710-55
640-50	650-50	700-50	710-60
640-55	650-55	700-55	710-65
640-60	650-60	700-60	710-70
640-65	650-65	700-65	
640-70	650-70	700-70	

Sampling Sequence

Date	Time	Station
19 Sept.	11.1	710-15
	11.9	710-20
	13.5	710-30
	14.1	710-35
	14.7	710-40
	15.6	710-45
	16.3	710-50
	18.9	710-55
	19.6	710-60
	21.2	710-65
	22.2	710-70
20 Sept.	05.2	700-75
	05.5	700-70
	07.2	700-65
	08.0	700-60
	09.0	700-55
	09.5	700-50
	10.3	700-45
	12.1	700-40
	12.9	700-35
	13.5	700-30
	14.0	700-25
	14.5	700-20
	15.5	700-15
	16.0	700-10

Date	Time	Station
20 Sept.	17.4	640-10
	18.1	640-15
	18.9	640-20
	19.4	640-25
	20.2	640-30
	20.7	640-35
	21.4	640-40
	22.0	640-45
	22.6	640-50
21 Sept.	00.6	640-55
	01.4	640-60
	02.5	640-65
	03.2	640-70
	06.0	650-70
	06.3	650-65
	07.0	650-60
	08.0	650-55
	08.5	650-50
	09.1	650-45
	09.6	650-40
	10.4	650-35
	11.1	650-30
	12.7	650-25
	13.2	650-20
	14.0	650-15
	16.2	650-10

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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
19	09	68	11.1	RR	SH09	37	10	75	41	15			23	06	06			0	J	22.4	R	31.73	710	15
19	09	68	11.1	RR	SH09	37	10	75	41	15			23	06	06			3	W	22.4	R	31.70	710	15
19	09	68	11.1	RR	SH09	37	10	75	41	15			23	06	06			6	W	22.4	R	31.71	710	15
19	09	68	11.1	RR	SH09	37	10	75	41	15			23	06	06			9	J	22.4	R	31.70	710	15
19	09	68	11.1	RR	SH09	37	10	75	41	15			23	06	06			12	W	22.2	R	31.72	710	15
19	09	68	11.1	RR	SH09	37	10	75	41	15			23	06	06			15	W	22.1	R	31.69	710	15
19	09	68	11.9	RR	SH09	37	10	75	35	19			21	04	06			0	J	22.4	R	31.75	710	20
19	09	68	11.9	RR	SH09	37	10	75	35	19			21	04	06			3	W	22.4	R	31.70	710	20
19	09	68	11.9	RR	SH09	37	10	75	35	19			21	04	06			6	W	22.4	R	31.73	710	20
19	09	68	11.9	RR	SH09	37	10	75	35	19			21	04	06			9	J	22.4	R	31.73	710	20
19	09	68	11.9	RR	SH09	37	10	75	35	19			21	04	06			12	W	22.3	R	31.72	710	20
19	09	68	11.9	RR	SH09	37	10	75	35	19			21	04	06			15	W	22.2	R	31.72	710	20
19	09	68	11.9	RR	SH09	37	10	75	35	19			21	04	06			18	W	22.1	R	31.87	710	20
19	09	68	13.5	RR	SH09	37	10	75	22	28			22	05	07			0	J	22.3	R	31.77	710	30
19	09	68	13.5	RR	SH09	37	10	75	22	28			22	05	07			3	W	22.3	R	31.70	710	30
19	09	68	13.5	RR	SH09	37	10	75	22	28			22	05	07			6	W	22.3	R	31.70	710	30
19	09	68	13.5	RR	SH09	37	10	75	22	28			22	05	07			9	J	22.3	R	31.73	710	30
19	09	68	13.5	RR	SH09	37	10	75	22	28			22	05	07			12	W	22.2	R	31.72	710	30
19	09	68	13.5	RR	SH09	37	10	75	22	28			22	05	07			15	W	22.2	R	31.70	710	30
19	09	68	13.5	RR	SH09	37	10	75	22	28			22	05	07			18	W	22.1	R	31.70	710	30
19	09	68	13.5	RR	SH09	37	10	75	22	28			22	05	07			21	W	22.0	R	31.70	710	30
19	09	68	13.5	RR	SH09	37	10	75	22	28			22	05	07			24	W	21.7	R	31.80	710	30
19	09	68	13.5	RR	SH09	37	10	75	22	28			22	05	07			27	W	20.1	R	31.70	710	30
19	09	68	14.1	RR	SH09	37	10	75	16	28			21	05	07			0	J	22.1	R	31.74	710	35
19	09	68	14.1	RR	SH09	37	10	75	16	28			21	05	07			3	W	22.1			710	35
19	09	68	14.1	RR	SH09	37	10	75	16	28			21	05	07			6	W	22.1			710	35
19	09	68	14.1	RR	SH09	37	10	75	16	28			21	05	07			9	J	22.0			710	35
19	09	68	14.1	RR	SH09	37	10	75	16	28			21	05	07			12	W	22.0			710	35
19	09	68	14.1	RR	SH09	37	10	75	16	28			21	05	07			15	W	21.9			710	35
19	09	68	14.1	RR	SH09	37	10	75	16	28			21	05	07			18	W	21.8			710	35
19	09	68	14.1	RR	SH09	37	10	75	16	28			21	05	07			21	W	21.7			710	35
19	09	68	14.1	RR	SH09	37	10	75	16	28			21	05	07			24	W	21.7			710	35
19	09	68	14.1	RR	SH09	37	10	75	16	28			21	05	07			27	W	18.3			710	35
19	09	68	14.7	RR	SH09	37	10	75	10	31			22	05	07			0	J	21.8	R	31.73	710	40
19	09	68	14.7	RR	SH09	37	10	75	10	31			22	05	07			3	W	21.8	R	31.74	710	40
19	09	68	14.7	RR	SH09	37	10	75	10	31			22	05	07			6	W	21.8	R	31.76	710	40
19	09	68	14.7	RR	SH09	37	10	75	10	31			22	05	07			9	J	21.8	R	31.75	710	40
19	09	68	14.7	RR	SH09	37	10	75	10	31			22	05	07			12	W	21.8	R	31.80	710	40
19	09	68	14.7	RR	SH09	37	10	75	10	31			22	05	07			15	W	21.7	R	31.80	710	40
19	09	68	14.7	RR	SH09	37	10	75	10	31			22	05	07			18	W	20.7	R	31.82	710	40
19	09	68	14.7	RR	SH09	37	10	75	10	31			22	05	07			21	W	21.2	R	31.14	710	40
19	09	68	14.7	RR	SH09	37	10	75	10	31			22	05	07			24	W	19.4	R	32.15	710	40
19	09	68	14.7	RR	SH09	37	10	75	10	31			22	05	07			27	W	16.3	R	32.15	710	40
19	09	68	14.7	RR	SH09	37	10	75	10	31			22	05	07			30	W	15.6	R	32.11	710	40
19	09	68	15.6	RR	SH09	37	10	75	04	30			22	05	07			0	J	21.7	R	33.43	710	45
19	09	68	15.6	RR	SH09	37	10	75	04	30			22	05	07			3	W	21.7			710	45
19	09	68	15.6	RR	SH09	37	10	75	04	30			22	05	07			6	W	21.7			710	45
19	09	68	15.6	RR	SH09	37	10	75	04	30			22	05	07			9	J	21.7			710	45
19	09	68	15.6	RR	SH09	37	10	75	04	30			22	05	07			12	W	21.5			710	45
19	09	68	15.6	RR	SH09	37	10	75	04	30			22	05	07			15	J	21.5			710	45
19	09	68	15.6	RR	SH09	37	10	75	04	30			22	05	07			18	J	20.7			710	45
19	09	68	15.6	RR	SH09	37	10	75	04	30			22	05	07			20	J	14.9			710	45
19	09	68	15.6	RR	SH09	37	10	75	04	30			22	05	07			24	J	14.6			710	45
19	09	68	15.6	RR	SH09	37	10	75	04	30			22	05	07			27	J	14.5			710	45
19	09	68	15.6	RR	SH09	37	10	75	04	30			22	05	07			30	J	14.5			710	45
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			0	J	22.3	R	33.10	710	50
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			3	W	22.4	R	33.36	710	50
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			6	W	22.5	R	33.42	710	50
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			9	J	22.6	R	33.65	710	50
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			12	J	22.6	R	34.00	710	50
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			15	J	22.4	R	34.20	710	50
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			18	J	22.4	R	34.21	710	50
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			21	J	22.3	R	34.18	710	50
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			24	J	22.3	R	34.20	710	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			27	J	16.0	R	34.01			710	50
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			30	J	13.7	R	33.36			710	50
19	09	68	16.3	RR	SH09	37	10	74	57	37			22	05	07			35	J	12.3	R	32.98			710	50
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			0	J	21.7	R	31.58			710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			3	W	21.7					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			6	W	21.7					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			9	J	21.7					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			12	W	22.1					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			15	W	22.3					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			18	W	22.5					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			21	W	22.7					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			24	W	21.3					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			27	W	18.8					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			30	W	12.7					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			35	W	10.0					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			40	W	9.5					710	55
19	09	68	18.9	RR	SH09	37	10	74	51	47			22	04	06			45	W	9.4					710	55
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			0	J	21.7	R	31.49			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			3	W	21.7	R	31.36			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			6	W	21.7	R	31.37			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			9	J	21.7	R	31.37			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			12	W	21.7	R	31.38			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			15	W	21.6	R	31.44			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			18	W	16.8	R	31.65			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			21	W	13.1	R	31.72			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			24	W	9.7	R	32.60			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			27	W	8.5	R	32.44			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			30	W	8.0	R	33.41			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			35	W	7.0	R	32.76			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			40	W	7.2	R	32.72			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			45	W	7.2	R	32.79			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			50	W	7.1	R	32.74			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			55	W	7.0	R	32.70			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			60	W	6.9	R	32.67			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			65	W	6.9	R	32.66			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			70	W	6.9	R	32.67			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			75	W	6.8	R	32.71			710	60
19	09	68	19.6	RR	SH09	37	10	74	45	80			22	05	08			80	W	8.0					710	60
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			0	J	21.6	R	33.53			710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			3	W	21.6					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			6	W	21.8					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			9	J	21.9					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			12	J	22.8					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			15	J	23.1					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			18	J	23.1					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			21	J	22.6					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			24	J	22.5					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			27	J	21.6					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			30	J	21.0					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			35	J	18.0					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			40	J	7.8					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			45	J	6.7					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			50	J	6.8					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			55	W	8.0					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			60	W	9.1					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			65	W	10.0					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			70	W	10.4					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			75	W	10.6					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			80	W	10.6					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			85	W	10.6					710	65
19	09	68	21.2	RR	SH09	37	10	74	39	94			22	05	08			90	W	10.7					710	65
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			0	J	22.4	R	34.05			710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			3	W	22.4	R	34.01			710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			6	W	22.5	R	34.02			710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			9	J	22.5	R	34.26			710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			12	W	22.8	R	34.52			710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			15	W	22.9	R	34.63			710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			18	W	23.0	R	34.78			710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			21	W	23.0	R	34.89			710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			24	W	22.9	R	35.01			710	70

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			27	W	22.5	R	35.02	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			30	W	21.5	R	35.08	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			35	W	11.5	R	35.15	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			40	W	8.0	R	33.24	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			45	W	11.5	R	32.91	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			50	W	12.5	R	33.89	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			55	W	12.0	R	33.96	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			60	W	11.0	R	34.95	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			65	W	13.0	R	34.70	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			70	W	12.1	R	34.60	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			75	W	11.9	R	34.62	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			80	W	11.5	R	34.66	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			85	W	11.5	R	34.70	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			90	W	11.6	R	34.66	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			95	W	11.7	R	34.69	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			100	W	11.7	R	34.70	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			110	W	11.8	R	34.73	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			120	W	11.9	R	34.80	710	70
19	09	68	22.2	RR	SH09	37	10	74	32	130			22	05	09			130	W	12.0			710	70
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			0	J	22.0			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			3	W	22.0			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			6	W	22.0			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			9	J	22.0			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			12	W	22.0			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			15	W	22.0			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			18	W	22.3			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			21	W	21.2			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			24	W	20.0			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			27	W	16.5			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			30	W	14.5			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			35	W	12.0			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			40	W	11.1			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			45	W	10.9			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			50	W	9.7			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			55	W	11.1			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			60	W	12.0			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			65	W	13.3			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			70	W	13.7			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			75	W	14.8			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			80	W	14.7			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			85	W	13.5			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			90	W	13.2			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			95	W	13.0			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			100	W	12.9			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			120	W	12.0			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			140	W	11.8			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			160	W	11.5			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			180	W	10.8			700	75
20	09	68	05.2	RR	SH09	37	00	74	26	1600			21	05	08			200	W	10.5			700	75
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			0	J	22.0	R	33.31	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			3	W	22.0	R	33.59	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			6	W	22.0	R	33.58	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			9	J	22.0	R	33.60	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			12	W	22.5	R	33.59	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			15	W	23.9	R	33.64	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			18	W	23.5	R	34.48	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			21	W	20.8	R	35.55	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			24	W	19.6	R	35.54	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			27	W	19.2	R	35.38	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			30	W	18.9	R	35.27	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			35	W	14.8	R	35.14	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			40	W	13.8	R	34.88	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			45	W	12.0	R	34.75	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			50	W	11.3	R	34.63	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			55	W	12.0	R	34.61	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			60	W	12.0	R	34.90	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			65	W	11.8	R	34.99	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			70	W	12.2	R	35.30	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			75	W	12.3	R	35.25	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			80	W	12.5	R	35.51	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			85	W	12.7	R	35.55	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			90	W	12.8	R	35.58	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			95	W	13.0	R	35.65	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			100	W	13.0	R	35.62	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			120	W	13.1	R	35.72	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			140	W	12.8	R	35.95	700	70

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			160	W	12.3	R	35.85	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			180	W	11.9	R	35.79	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			200	W	11.3	R	35.77	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			220	W	10.5	R	35.66	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			240	W	9.9	R	35.60	700	70
20	09	68	05.5	RR	SH09	37	00	74	37	280			21	04	06			260	W	9.2			700	70
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			0	J	21.8	R	33.55	700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			3	W	21.8			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			6	W	21.8			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			9	J	22.4			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			12	W	22.5			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			15	W	22.6			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			18	W	22.6			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			21	W	22.6			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			24	W	22.6			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			27	W	22.4			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			30	W	22.1			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			35	W	20.5			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			40	W	19.0			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			45	W	12.5			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			50	W	12.2			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			55	W	11.7			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			60	W	11.8			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			65	W	11.9			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			70	W	11.9			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			75	W	11.8			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			80	W	11.6			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			85	W	11.6			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			90	W	11.6			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			95	W	11.5			700	65
20	09	68	07.2	RR	SH09	37	00	74	39	110			22	04	05			100	W	11.5			700	65
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			0	J	21.4	R	33.18	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			3	W	21.4	R	33.04	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			6	W	21.4	R	33.07	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			9	J	22.0	R	33.78	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			12	W	22.1	R	33.38	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			15	W	22.1	R	34.45	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			18	W	21.7	R	34.46	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			21	W	22.6	R	34.74	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			24	W	8.1	R	33.94	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			27	W	7.6	R	32.71	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			30	W	7.1	R	33.01	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			35	W	6.6	R	33.00	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			40	W	5.7	R	33.04	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			45	W	5.3	R	32.87	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			50	W	5.2	R	32.90	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			55	W	5.2	R	33.03	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			60	W	5.8	R	33.08	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			65	W	5.9	R	33.13	700	60
20	09	68	08.0	RR	SH09	37	00	74	45	70			22	04	05			70	W	6.0	R	33.16	700	60
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			0	J	21.5			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			3	W	21.5			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			6	W	21.5			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			9	J	21.5			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			12	W	21.6			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			15	W	21.7			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			18	W	20.6			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			21	W	20.6			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			24	W	18.0			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			27	W	10.6			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			30	W	10.5			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			35	W	10.4			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			40	W	10.3			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			45	W	10.2			700	55
20	09	68	09.0	RR	SH09	37	00	74	51	52			21	04	05			50	W	10.1			700	55
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			0	J	21.4	R	32.71	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			3	W	21.4	R	31.74	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			6	W	21.5	R	31.77	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			9	J	21.7	R	31.93	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			12	W	22.3	R	32.99	700	50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			15	W	22.3	R	33.46	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			18	W	22.4	R	33.78	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			21	W	22.4	R	33.88	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			24	W	22.4	R	34.15	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			27	W	22.3	R	34.22	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			30	W	20.0	R	34.24	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			35	W	12.6	R	33.46	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			40	W	12.1	R	33.12	700	50
20	09	68	09.5	RR	SH09	37	00	74	57	49			22	04	06			45	W	12.0	R	33.06	700	50
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			0	J	21.5	R	32.23	700	45
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			3	W	21.5			700	45
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			6	W	21.4			700	45
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			9	J	21.2			700	45
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			12	W	21.6			700	45
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			15	W	21.0			700	45
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			18	W	20.0			700	45
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			21	W	15.2			700	45
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			24	W	14.8			700	45
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			27	W	14.7			700	45
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			30	W	14.6			700	45
20	09	68	10.3	RR	SH09	37	00	75	04	37			21	04	06			35	W	14.0			700	45
20	09	68	12.1	RR	SH09	37	00	75	10	35			22	03	06			3	J	21.7	R	31.78	700	40
20	09	68	12.1	RR	SH09	37	00	75	10	35			22	03	06			6	W	21.7	R	31.77	700	40
20	09	68	12.1	RR	SH09	37	00	75	10	35			22	03	06			9	J	21.7	R	31.76	700	40
20	09	68	12.1	RR	SH09	37	00	75	10	35			22	03	06			12	W	21.7	R	31.81	700	40
20	09	68	12.1	RR	SH09	37	00	75	10	35			22	03	06			15	W	21.3	R	31.84	700	40
20	09	68	12.1	RR	SH09	37	00	75	10	35			22	03	06			18	W	21.5	R	31.83	700	40
20	09	68	12.1	RR	SH09	37	00	75	10	35			22	03	06			21	W	21.6	R	32.27	700	40
20	09	68	12.1	RR	SH09	37	00	75	10	35			22	03	06			24	W	21.3	R	32.76	700	40
20	09	68	12.1	RR	SH09	37	00	75	10	35			22	03	06			27	W	18.8	R	32.96	700	40
20	09	68	12.1	RR	SH09	37	00	75	10	35			22	03	06			30	W	15.7	R	32.39	700	40
20	09	68	12.1	RR	SH09	37	00	75	10	35			22	03	06			35	W	14.9	R	32.33	700	40
20	09	68	12.9	RR	SH09	37	00	75	22	31			22	03	06			0	J	22.3	R	31.85	700	35
20	09	68	12.9	RR	SH09	37	00	75	22	31			22	03	06			3	W	22.3			700	35
20	09	68	12.9	RR	SH09	37	00	75	22	31			22	03	06			6	W	22.3			700	35
20	09	68	12.9	RR	SH09	37	00	75	22	31			22	03	06			9	J	22.3			700	35
20	09	68	12.9	RR	SH09	37	00	75	22	31			22	03	06			12	W	22.2			700	35
20	09	68	12.9	RR	SH09	37	00	75	22	31			22	03	06			15	W	22.2			700	35
20	09	68	12.9	RR	SH09	37	00	75	22	31			22	03	06			18	W	22.1			700	35
20	09	68	12.9	RR	SH09	37	00	75	22	31			22	03	06			21	W	19.5			700	35
20	09	68	12.9	RR	SH09	37	00	75	22	31			22	03	06			24	W	18.6			700	35
20	09	68	12.9	RR	SH09	37	00	75	22	31			22	03	06			27	W	18.4			700	35
20	09	68	12.9	RR	SH09	37	00	75	22	31			22	03	06			30	W	18.2			700	35
20	09	68	13.5	RR	SH09	37	00	75	16	30			22	03	06			0	J	22.4	R	31.85	700	30
20	09	68	13.5	RR	SH09	37	00	75	16	30			22	03	06			3	W	22.4	R	31.80	700	30
20	09	68	13.5	RR	SH09	37	00	75	16	30			22	03	06			6	W	22.3	R	31.84	700	30
20	09	68	13.5	RR	SH09	37	00	75	16	30			22	03	06			9	J	22.2	R	31.79	700	30
20	09	68	13.5	RR	SH09	37	00	75	16	30			22	03	06			12	W	22.2	R	31.80	700	30
20	09	68	13.5	RR	SH09	37	00	75	16	30			22	03	06			15	W	22.2	R	31.79	700	30
20	09	68	13.5	RR	SH09	37	00	75	16	30			22	03	06			18	W	22.1	R	31.81	700	30
20	09	68	13.5	RR	SH09	37	00	75	16	30			22	03	06			21	W	22.0	R	31.80	700	30
20	09	68	13.5	RR	SH09	37	00	75	16	30			22	03	06			24	W	21.9	R	31.80	700	30
20	09	68	13.5	RR	SH09	37	00	75	16	30			22	03	06			27	W	21.5	R	31.78	700	30
20	09	68	14.0	RR	SH09	37	00	75	28	27			22	04	06			0	J	22.4	R	31.79	700	25
20	09	68	14.0	RR	SH09	37	00	75	28	27			22	04	06			3	W	22.4			700	25
20	09	68	14.0	RR	SH09	37	00	75	28	27			22	04	06			6	W	22.3			700	25
20	09	68	14.0	RR	SH09	37	00	75	28	27			22	04	06			9	J	22.2			700	25
20	09	68	14.0	RR	SH09	37	00	75	28	27			22	04	06			12	W	22.2			700	25
20	09	68	14.0	RR	SH09	37	00	75	28	27			22	04	06			15	W	22.2			700	25
20	09	68	14.0	RR	SH09	37	00	75	28	27			22	04	06			18	W	22.1			700	25
20	09	68	14.0	RR	SH09	37	00	75	28	27			22	04	06			21	W	22.0			700	25
20	09	68	14.0	RR	SH09	37	00	75	28	27			22	04	06			24	W	21.9			700	25
20	09	68	14.0	RR	SH09	37	00	75	28	27			22	04	06			27	W	21.8			700	25
20	09	68	14.5	RR	SH09	37	00	75	35	21			22	04	06			0	J	22.5	R	31.81	700	20

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
20	09	68	14.5	RR	SH09	37	00	75	35	21			22	04	06			3	W	22.5	R	31.87	700	20
20	09	68	14.5	RR	SH09	37	00	75	35	21			22	04	06			6	W	22.4	R	31.80	700	20
20	09	68	14.5	RR	SH09	37	00	75	35	21			22	04	06			9	J	22.3	R	31.99	700	20
20	09	68	14.5	RR	SH09	37	00	75	35	21			22	04	06			12	W	22.2	R	31.76	700	20
20	09	68	14.5	RR	SH09	37	00	75	35	21			22	04	06			15	W	22.2	R	31.76	700	20
20	09	68	14.5	RR	SH09	37	00	75	35	21			22	04	06			18	W	22.2	R	31.76	700	20
20	09	68	14.5	RR	SH09	37	00	75	35	21			22	04	06			21	W	22.2	R	31.72	700	20
20	09	68	15.5	RR	SH09	37	00	75	41	17			22	04	05			0	J	22.9	R	31.50	700	15
20	09	68	15.5	RR	SH09	37	00	75	41	17			22	04	05			3	W	22.9			700	15
20	09	68	15.5	RR	SH09	37	00	75	41	17			22	04	05			6	W	22.6			700	15
20	09	68	15.5	RR	SH09	37	00	75	41	17			22	04	05			9	J	22.4			700	15
20	09	68	15.5	RR	SH09	37	00	75	41	17			22	04	05			12	W	22.4			700	15
20	09	68	15.5	RR	SH09	37	00	75	41	17			22	04	05			15	W	22.4			700	15
20	09	68	16.0	RR	SH09	37	00	75	47	15			22	04	05			0	J	22.3	R	31.20	700	10
20	09	68	16.0	RR	SH09	37	00	75	47	15			22	04	05			3	W	22.3	R	31.27	700	10
20	09	68	16.0	RR	SH09	37	00	75	47	15			22	04	05			6	W	22.2	R	31.23	700	10
20	09	68	16.0	RR	SH09	37	00	75	47	15			22	04	05			9	J	22.2	R	31.18	700	10
20	09	68	16.0	RR	SH09	37	00	75	47	15			22	04	05			12	W	22.1	R	31.22	700	10
20	09	68	16.0	RR	SH09	37	00	75	47	15			22	04	05			15	W	22.1	R	31.21	700	10
20	09	68	17.4	RR	SH09	36	40	75	47	18			23	04	06			0	J	22.9	R	30.79	640	10
20	09	68	17.4	RR	SH09	36	40	75	47	18			23	04	06			3	W	22.9	R	30.58	640	10
20	09	68	17.4	RR	SH09	36	40	75	47	18			23	04	06			6	W	22.9	R	30.57	640	10
20	09	68	17.4	RR	SH09	36	40	75	47	18			23	04	06			9	J	22.8	R	30.65	640	10
20	09	68	17.4	RR	SH09	36	40	75	47	18			23	04	06			12	W	22.8	R	31.29	640	10
20	09	68	17.4	RR	SH09	36	40	75	47	18			23	04	06			15	W	22.8	R	31.52	640	10
20	09	68	18.1	RR	SH09	36	40	75	41	17			21	05	06			0	J	22.6	R	31.61	640	15
20	09	68	18.1	RR	SH09	36	40	75	41	17			21	05	06			3	W	22.6			640	15
20	09	68	18.1	RR	SH09	36	40	75	41	17			21	05	06			6	W	22.6			640	15
20	09	68	18.1	RR	SH09	36	40	75	41	17			21	05	06			9	J	22.6			640	15
20	09	68	18.1	RR	SH09	36	40	75	41	17			21	05	06			12	W	22.5			640	15
20	09	68	18.1	RR	SH09	36	40	75	41	17			21	05	06			15	W	22.5			640	15
20	09	68	18.9	RR	SH09	36	40	75	35	18			22	05	06			0	J	22.4	R	31.64	640	20
20	09	68	18.9	RR	SH09	36	40	75	35	18			22	05	06			3	W	22.4	R	31.68	640	20
20	09	68	18.9	RR	SH09	36	40	75	35	18			22	05	06			6	W	22.4	R	31.64	640	20
20	09	68	18.9	RR	SH09	36	40	75	35	18			22	05	06			9	J	22.4	R	31.61	640	20
20	09	68	18.9	RR	SH09	36	40	75	35	18			22	05	06			12	W	22.4	R	31.66	640	20
20	09	68	18.9	RR	SH09	36	40	75	35	18			22	05	06			15	W	22.3	R	31.69	640	20
20	09	68	18.9	RR	SH09	36	40	75	35	18			22	05	06			18	W	22.3	R	31.66	640	20
20	09	68	19.4	RR	SH09	36	40	75	29	21			21	05	06			0	J	22.3	R	32.01	640	25
20	09	68	19.4	RR	SH09	36	40	75	29	21			21	05	06			3	W	22.3			640	25
20	09	68	19.4	RR	SH09	36	40	75	29	21			21	05	06			6	W	22.3			640	25
20	09	68	19.4	RR	SH09	36	40	75	29	21			21	05	06			9	J	22.3			640	25
20	09	68	19.4	RR	SH09	36	40	75	29	21			21	05	06			12	W	22.2			640	25
20	09	68	19.4	RR	SH09	36	40	75	29	21			21	05	06			15	W	22.2			640	25
20	09	68	19.4	RR	SH09	36	40	75	29	21			21	05	06			18	W	22.2			640	25
20	09	68	19.4	RR	SH09	36	40	75	29	21			21	05	06			21	W	22.2			640	25
20	09	68	20.2	RR	SH09	36	40	75	22	20			23	05	06			0	J	22.3	R	31.79	640	30
20	09	68	20.2	RR	SH09	36	40	75	22	20			23	05	06			3	W	22.3	R	31.74	640	30
20	09	68	20.2	RR	SH09	36	40	75	22	20			23	05	06			6	W	22.3	R	31.76	640	30
20	09	68	20.2	RR	SH09	36	40	75	22	20			23	05	06			9	J	22.3	R	31.74	640	30
20	09	68	20.2	RR	SH09	36	40	75	22	20			23	05	06			12	W	22.2	R	31.73	640	30
20	09	68	20.2	RR	SH09	36	40	75	22	20			23	05	06			15	W	21.8	R	31.77	640	30
20	09	68	20.2	RR	SH09	36	40	75	22	20			23	05	06			18	W	21.6	R	31.85	640	30
20	09	68	20.7	RR	SH09	36	40	75	16	23			22	06	06			0	J	22.2	R	31.74	640	35
20	09	68	20.7	RR	SH09	36	40	75	16	23			22	06	06			3	W	22.2			640	35
20	09	68	20.7	RR	SH09	36	40	75	16	23			22	06	06			6	W	22.2			640	35
20	09	68	20.7	RR	SH09	36	40	75	16	23			22	06	06			9	J	22.2			640	35
20	09	68	20.7	RR	SH09	36	40	75	16	23			22	06	06			12	W	22.1			640	35

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰		
20	09	68	20.7	RR	SH09	36	40	75	16	23			22	06	06			15	W	21.8			640	35
20	09	68	20.7	RR	SH09	36	40	75	16	23			22	06	06			18	W	21.5			640	35
20	09	68	20.7	RR	SH09	36	40	75	16	23			22	06	06			21	W	21.3			640	35
20	09	68	21.4	RR	SH09	36	40	75	10	27			22	07	05			0	J	21.9	R	31.88	640	40
20	09	68	21.4	RR	SH09	36	40	75	10	27			22	07	05			3	W	21.9	R	31.89	640	40
20	09	68	21.4	RR	SH09	36	40	75	10	27			22	07	05			6	W	21.9	R	31.89	640	40
20	09	68	21.4	RR	SH09	36	40	75	10	27			22	07	05			9	J	21.9	R	31.86	640	40
20	09	68	21.4	RR	SH09	36	40	75	10	27			22	07	05			12	W	21.8	R	31.96	640	40
20	09	68	21.4	RR	SH09	36	40	75	10	27			22	07	05			15	W	21.2	R	31.86	640	40
20	09	68	21.4	RR	SH09	36	40	75	10	27			22	07	05			18	W	20.8	R	31.93	640	40
20	09	68	21.4	RR	SH09	36	40	75	10	27			22	07	05			21	W	19.6	R	31.16	640	40
20	09	68	21.4	RR	SH09	36	40	75	10	27			22	07	05			24	W	19.5	R	31.19	640	40
20	09	68	21.4	RR	SH09	36	40	75	10	27			22	07	05			27	W	19.5	R	32.06	640	40
20	09	68	22.0	RR	SH09	36	40	75	04	27			22	06	06			0	J	21.6	R	32.21	640	45
20	09	68	22.0	RR	SH09	36	40	75	04	27			22	06	06			3	W	21.6			640	45
20	09	68	22.0	RR	SH09	36	40	75	04	27			22	06	06			6	W	21.6			640	45
20	09	68	22.0	RR	SH09	36	40	75	04	27			22	06	06			9	J	21.6			640	45
20	09	68	22.0	RR	SH09	36	40	75	04	27			22	06	06			12	W	21.5			640	45
20	09	68	22.0	RR	SH09	36	40	75	04	27			22	06	06			15	W	21.5			640	45
20	09	68	22.0	RR	SH09	36	40	75	04	27			22	06	06			18	W	20.9			640	45
20	09	68	22.0	RR	SH09	36	40	75	04	27			22	06	06			21	W	18.6			640	45
20	09	68	22.0	RR	SH09	36	40	75	04	27			22	06	06			24	W	16.9			640	45
20	09	68	22.0	RR	SH09	36	40	75	04	27			22	06	06			27	W	16.8			640	45
20	09	68	22.6	RR	SH09	36	40	74	57	27			22	06	06			0	J	21.4	R	32.97	640	50
20	09	68	22.6	RR	SH09	36	40	74	57	27			22	06	06			3	W	21.4	R	33.06	640	50
20	09	68	22.6	RR	SH09	36	40	74	57	27			22	06	06			6	W	21.4	R	32.94	640	50
20	09	68	22.6	RR	SH09	36	40	74	57	27			22	06	06			9	J	21.3	R	32.97	640	50
20	09	68	22.6	RR	SH09	36	40	74	57	27			22	06	06			12	W	19.0	R	32.97	640	50
20	09	68	22.6	RR	SH09	36	40	74	57	27			22	06	06			15	W	16.5	R	32.94	640	50
20	09	68	22.6	RR	SH09	36	40	74	57	27			22	06	06			18	W	16.5	R	32.61	640	50
20	09	68	22.6	RR	SH09	36	40	74	57	27			22	06	06			21	W	16.6	R	32.58	640	50
20	09	68	22.6	RR	SH09	36	40	74	57	27			22	06	06			24	W	16.6	R	32.60	640	50
20	09	68	22.6	RR	SH09	36	40	74	57	27			22	06	06			27	W	16.6			640	50
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			0	J	21.4	R	31.96	640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			3	W	21.5			640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			6	W	21.9			640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			9	J	22.1			640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			12	W	22.1			640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			15	W	22.1			640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			18	W	21.5			640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			21	W	14.1			640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			24	W	13.7			640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			27	W	13.6			640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			30	W	13.5			640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			35	W	13.4			640	55
21	09	68	00.6	RR	SH09	36	40	74	51	43			22	06	05			40	W	10.4			640	55
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			0	J	20.9	R	32.58	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			3	W	21.0	R	32.65	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			6	W	21.4	R	32.64	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			9	J	20.3	R	33.01	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			12	W	23.2	R	33.41	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			15	W	22.8	R	34.57	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			18	W	16.7	R	34.80	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			21	W	14.0	R	34.39	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			24	W	12.2	R	33.77	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			27	W	10.7	R	33.34	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			30	W	9.2	R	33.11	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			35	W	9.0	R	33.01	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			40	W	8.9	R	33.10	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			45	W	8.8	R	33.00	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			50	W	8.3	R	33.02	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			55	W	8.3	R	33.99	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			60	W	8.1	R	33.00	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			65	W	8.0	R	33.02	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			70	W	8.0	R	32.98	640	60
21	09	68	01.4	RR	SH09	36	40	74	45	75			22	06	06			75	W	8.1	R	32.97	640	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		0	J	22.2	R	33.74	640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		3	W	22.2			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		6	W	22.2			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		9	J	22.2			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		12	W	22.2			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		15	W	22.2			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		18	W	17.2			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		21	W	13.2			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		24	W	16.7			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		27	W	17.7			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		30	W	17.7			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		35	W	15.2			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		40	W	12.7			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		45	W	12.9			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		50	W	9.7			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		55	W	9.9			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		60	W	10.4			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		65	W	11.6			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		70	W	10.8			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		75	W	10.9			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		80	W	11.1			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		85	W	11.6			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		90	W	11.6			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		95	W	11.8			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		100	W	12.0			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		120	W	12.6			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		140	W	12.6			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		160	W	12.5			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		180	W	11.6			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		200	W	11.4			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		220	W	10.8			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		240	W	10.2			640	65
21	09	68	02.5	RR	SH09	36	40	74	44	280		22	05	06		260	W	9.7			640	65
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		0	J	22.0	R	33.53	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		3	W	22.0	R	33.54	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		6	W	22.1	R	33.55	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		9	J	22.3	R	33.56	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		12	W	22.6	R	34.06	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		15	W	22.9	R	34.42	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		18	W	22.8	R	34.69	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		21	W	22.6	R	34.88	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		24	W	22.5	R	34.92	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		27	W	20.9	R	35.00	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		30	W	18.8	R	35.20	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		35	W	17.5	R	35.21	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		40	W	15.0	R	35.01	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		45	W	14.9	R	34.52	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		50	W	14.1	R	34.90	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		55	W	13.6	R	34.77	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		60	W	14.8	R	34.79	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		70	W	15.0	R	34.62	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		75	W	14.5	R	35.20	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		80	W	14.0	R	35.37	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		85	W	13.7	R	35.63	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		90	W	13.6	R	35.69	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		95	W	13.0	R	35.52	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		100	W	12.5			640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		110	W	12.7	R	35.41	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		120	W	13.1	R	35.28	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		130	W	13.2	R	35.45	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		140	W	12.8	R	35.59	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		150	W	12.7	R	35.80	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		160	W	12.4	R	35.65	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		170	W	12.1	R	35.52	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		180	W	11.9	R	35.65	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		190	W	11.0	R	35.78	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		200	W	10.8	R	35.45	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		200	W	10.4			640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		240	W	9.9	R	35.43	640	70
21	09	68	03.2	RR	SH09	36	40	74	41	280		21	04	07		260	W	9.3			640	70
21	09	68	06.0	RR	SH09	36	50	74	38	270		21	04	07		0	J	22.1	R	33.78	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270		21	04	07		3	W	22.1	R	33.94	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270		21	04	07		6	W	22.1	R	33.74	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270		21	04	07		9	J	22.1	R	33.72	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270		21	04	07		12	W	22.1	R	33.87	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270		21	04	07		15	W	22.8	R	33.75	650	70

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			18	W	22.9	R	34.42	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			21	W	21.7	R	34.84	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			24	W	20.4	R	35.26	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			27	W	18.2	R	35.15	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			30	W	17.3	R	35.35	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			35	W	14.7	R	34.67	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			40	W	13.3	R	34.48	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			45	W	11.6	R	34.41	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			50	W	11.2	R	34.23	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			55	W	10.2	R	34.29	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			60	W	10.8	R	34.47	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			65	W	11.5	R	34.38	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			70	W	12.0	R	34.52	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			75	W	12.4	R	34.54	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			80	W	12.5	R	34.95	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			85	W	12.5	R	34.97	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			90	W	12.0	R	35.27	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			95	W	12.1	R	35.06	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			100	W	12.2	R	35.28	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			110	W	12.6	R	35.22	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			120	W	12.8	R	35.38	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			130	W	12.5	R	35.56	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			140	W	12.3	R	35.54	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			150	W	12.0	R	35.46	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			160	W	11.8	R	35.51	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			170	W	11.6	R	35.61	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			180	W	11.5	R	35.54	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			190	W	11.3	R	35.33	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			200	W	11.1	R	35.45	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			220	W	10.3	R	35.05	650	70
21	09	68	06.0	RR	SH09	36	50	74	38	270			21	04	07			240	W	9.6	R	35.29	650	70
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			0	J	22.1	R	33.23	650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			3	W	22.1			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			6	W	22.1			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			9	J	22.1			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			12	W	22.2			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			15	W	22.4			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			18	W	22.5			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			21	W	22.5			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			24	W	22.6			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			27	W	22.0			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			30	W	19.7			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			35	W	18.3			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			40	W	17.3			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			45	W	13.8			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			50	W	13.5			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			55	W	12.8			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			60	W	13.0			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			65	W	12.2			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			70	W	12.3			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			75	W	12.3			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			80	W	12.4			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			85	W	12.4			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			90	W	12.4			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			95	W	12.4			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			100	W	12.5			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			120	W	12.5			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			140	W	12.5			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			160	W	12.4			650	65
21	09	68	06.3	RR	SH09	36	50	74	42	180			21	04	07			180	W	12.2			650	65
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			0	J	21.9	R	33.39	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			3	W	21.9	R	33.43	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			6	W	22.2	R	33.48	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			9	J	22.3	R	33.90	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			12	W	22.3	R	34.06	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			15	W	22.3	R	34.17	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			18	W	22.2	R	34.33	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			21	W	11.7	R	34.22	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			24	W	8.5	R	34.06	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			27	W	6.6	R	32.83	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			30	W	5.9	R	32.62	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			35	W	5.6	R	32.46	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			40	W	5.6	R	32.54	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			45	W	5.7	R	32.50	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			50	W	5.8	R	32.62	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			55	W	5.9	R	32.96	650	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			60	W	5.9	R	32.73	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			65	W	6.0	R	32.77	650	60
21	09	68	07.0	RR	SH09	36	50	74	45	71			22	04	07			70	W	6.1	R	32.74	650	60
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			0	J	21.1	R	31.81	650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			3	W	21.8			650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			6	W	21.0			650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			9	J	20.3			650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			12	W	20.3			650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			15	W	20.8			650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			18	W	17.7			650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			21	W	15.3			650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			24	W	13.9			650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			27	W	13.0			650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			30	W	12.1			650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			35	W	11.6			650	55
21	09	68	08.0	RR	SH09	36	50	74	51	41			21	06	05			40	W	11.4			650	55
21	09	68	08.5	RR	SH09	36	50	74	57	29			22	04	07			0	J	21.5	R	32.06	650	50
21	09	68	08.5	RR	SH09	36	50	74	57	29			22	04	07			3	W	21.6	R	32.01	650	50
21	09	68	08.5	RR	SH09	36	50	74	57	29			22	04	07			6	W	21.8	R	32.07	650	50
21	09	68	08.5	RR	SH09	36	50	74	57	29			22	04	07			9	J	22.1	R	32.47	650	50
21	09	68	08.5	RR	SH09	36	50	74	57	29			22	04	07			12	W	22.4	R	32.90	650	50
21	09	68	08.5	RR	SH09	36	50	74	57	29			22	04	07			15	W	22.6	R	33.27	650	50
21	09	68	08.5	RR	SH09	36	50	74	57	29			22	04	07			18	W	22.5	R	33.75	650	50
21	09	68	08.5	RR	SH09	36	50	74	57	29			22	04	07			21	W	19.9	R	33.87	650	50
21	09	68	08.5	RR	SH09	36	50	74	57	29			22	04	07			24	W	18.7	R	33.94	650	50
21	09	68	08.5	RR	SH09	36	50	74	57	29			22	04	07			27	W	15.5	R	33.68	650	50
21	09	68	09.1	RR	SH09	36	50	75	04	29			21	06	06			0	J	21.5	R	32.19	650	45
21	09	68	09.1	RR	SH09	36	50	75	04	29			21	06	06			3	W	21.5			650	45
21	09	68	09.1	RR	SH09	36	50	75	04	29			21	06	06			6	W	21.5			650	45
21	09	68	09.1	RR	SH09	36	50	75	04	29			21	06	06			9	J	21.6			650	45
21	09	68	09.1	RR	SH09	36	50	75	04	29			21	06	06			12	W	21.5			650	45
21	09	68	09.1	RR	SH09	36	50	75	04	29			21	06	06			15	W	17.4			650	45
21	09	68	09.1	RR	SH09	36	50	75	04	29			21	06	06			18	W	16.5			650	45
21	09	68	09.1	RR	SH09	36	50	75	04	29			21	06	06			21	W	15.8			650	45
21	09	68	09.1	RR	SH09	36	50	75	04	29			21	06	06			24	W	15.7			650	45
21	09	68	09.1	RR	SH09	36	50	75	04	29			21	06	06			27	W	15.6			650	45
21	09	68	09.6	RR	SH09	36	50	75	10	27			22	04	07			0	J	22.0	R	31.80	650	40
21	09	68	09.6	RR	SH09	36	50	75	10	27			22	04	07			3	W	22.0	R	31.75	650	40
21	09	68	09.6	RR	SH09	36	50	75	10	27			22	04	07			6	W	22.0	R	31.89	650	40
21	09	68	09.6	RR	SH09	36	50	75	10	27			22	04	07			9	J	22.0	R	31.66	650	40
21	09	68	09.6	RR	SH09	36	50	75	10	27			22	04	07			12	W	21.9	R	31.77	650	40
21	09	68	09.6	RR	SH09	36	50	75	10	27			22	04	07			15	W	20.9	R	31.73	650	40
21	09	68	09.6	RR	SH09	36	50	75	10	27			22	04	07			18	W	18.4	R	31.69	650	40
21	09	68	09.6	RR	SH09	36	50	75	10	27			22	04	07			21	W	18.0	R	31.75	650	40
21	09	68	09.6	RR	SH09	36	50	75	10	27			22	04	07			24	W	17.4	R	31.79	650	40
21	09	68	09.6	RR	SH09	36	50	75	10	27			22	04	07			27	W	17.1	R	31.98	650	40
21	09	68	10.4	RR	SH09	36	50	75	16	26			21	06	06			0	J	22.2	R	31.75	650	35
21	09	68	10.4	RR	SH09	36	50	75	16	26			21	06	06			3	W	22.2			650	35
21	09	68	10.4	RR	SH09	36	50	75	16	26			21	06	06			6	W	22.2			650	35
21	09	68	10.4	RR	SH09	36	50	75	16	26			21	06	06			9	J	22.2			650	35
21	09	68	10.4	RR	SH09	36	50	75	16	26			21	06	06			12	W	22.1			650	35
21	09	68	10.4	RR	SH09	36	50	75	16	26			21	06	06			15	W	22.0			650	35
21	09	68	10.4	RR	SH09	36	50	75	16	26			21	06	06			18	W	22.0			650	35
21	09	68	10.4	RR	SH09	36	50	75	16	26			21	06	06			21	W	21.3			650	35
21	09	68	10.4	RR	SH09	36	50	75	16	26			21	06	06			24	W	18.7			650	35
21	09	68	11.1	RR	SH09	36	50	75	22	21			22	04	08			0	J	22.2	R	31.70	650	30
21	09	68	11.1	RR	SH09	36	50	75	22	21			22	04	08			3	W	22.2	R	31.85	650	30
21	09	68	11.1	RR	SH09	36	50	75	22	21			22	04	08			6	W	22.2	R	31.68	650	30
21	09	68	11.1	RR	SH09	36	50	75	22	21			22	04	08			9	J	22.2	R	31.93	650	30
21	09	68	11.1	RR	SH09	36	50	75	22	21			22	04	08			12	W	22.2	R	31.78	650	30
21	09	68	11.1	RR	SH09	36	50	75	22	21			22	04	08			15	W	22.1	R	31.77	650	30
21	09	68	11.1	RR	SH09	36	50	75	22	21			22	04	08			18	W	22.1	R	31.80	650	30
21	09	68	11.1	RR	SH09	36	50	75	22	21			22	04	08			21	W	22.1	R	31.87	650	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	°/oo		
21	09	68	12.7	RR	SH09	36	50	75	28	18			22	05	06			0	J	22.3	R	31.80	650	25
21	09	68	12.7	RR	SH09	36	50	75	28	18			22	05	06			3	W	22.3			650	25
21	09	68	12.7	RR	SH09	36	50	75	28	18			22	05	06			6	W	22.2			650	25
21	09	68	12.7	RR	SH09	36	50	75	28	18			22	05	06			9	J	22.2			650	25
21	09	68	12.7	RR	SH09	36	50	75	28	18			22	05	06			12	W	22.2			650	25
21	09	68	12.7	RR	SH09	36	50	75	28	18			22	05	06			15	W	22.1			650	25
21	09	68	12.7	RR	SH09	36	50	75	28	18			22	05	06			18	W	22.1			650	25
21	09	68	13.2	RR	SH09	36	50	75	35	24			22	04	07			0	J	22.3	R	31.84	650	20
21	09	68	13.2	RR	SH09	36	50	75	35	24			22	04	07			3	W	22.3	R	31.75	650	20
21	09	68	13.2	RR	SH09	36	50	75	35	24			22	04	07			6	W	22.2	R	31.71	650	20
21	09	68	13.2	RR	SH09	36	50	75	35	24			22	04	07			9	J	22.2	R	31.79	650	20
21	09	68	13.2	RR	SH09	36	50	75	35	24			22	04	07			12	W	22.2	R	31.86	650	20
21	09	68	13.2	RR	SH09	36	50	75	35	24			22	04	07			15	W	22.2	R	31.80	650	20
21	09	68	13.2	RR	SH09	36	50	75	35	24			22	04	07			18	W	22.2	R	31.76	650	20
21	09	68	13.2	RR	SH09	36	50	75	35	24			22	04	07			21	W	22.1	R	31.76	650	20
21	09	68	13.2	RR	SH09	36	50	75	35	24			22	04	07			24	W	22.1	R	31.76	650	20
21	09	68	14.0	RR	SH09	36	50	75	41	16			22	05	06			0	J	22.6	R	31.68	650	15
21	09	68	14.0	RR	SH09	36	50	75	41	16			22	05	06			3	W	22.6			650	15
21	09	68	14.0	RR	SH09	36	50	75	41	16			22	05	06			6	W	22.5			650	15
21	09	68	14.0	RR	SH09	36	50	75	41	16			22	05	06			9	J	22.5			650	15
21	09	68	14.0	RR	SH09	36	50	75	41	16			22	05	06			12	W	22.5			650	15
21	09	68	14.0	RR	SH09	36	50	75	41	16			22	05	06			15	W	22.5			650	15
21	09	68	16.2	RR	SH09	36	50	75	47	16			22	04	06			0	J	22.6	R	31.10	650	10
21	09	68	16.2	RR	SH09	36	50	75	47	16			22	04	06			3	W	22.6	R	31.06	650	10
21	09	68	16.2	RR	SH09	36	50	75	47	16			22	04	06			6	W	22.5	R	31.08	650	10
21	09	68	16.2	RR	SH09	36	50	75	47	16			22	04	06			9	J	22.5	R	31.06	650	10
21	09	68	16.2	RR	SH09	36	50	75	47	16			22	04	06			12	W	22.1	R	31.06	650	10
21	09	68	16.2	RR	SH09	36	50	75	47	16			22	04	06			15	W	22.0	R	31.06	650	10

SHS 10-68 10 to 12 October 1968

Stations Sampled

640-10	650-10	700-20	710-15
640-15	650-15	700-25	710-20
640-20	650-20	700-30	710-25
640-25	650-25	700-35	710-30
640-30	650-30	700-40	710-35
640-35	650-35	700-45	710-40
640-40	650-40	700-50	710-45
640-45	650-45	700-55	710-50
640-50	650-50	700-60	710-55
640-55	650-55	700-65	710-60
640-60	650-60	700-70	710-65
640-65	650-65	701-10	710-70
640-70	650-70	701-15	

Sampling Sequence

Date	Time	Station	Date	Time	Station
10 Oct.	10.5	701-10	11 Oct.	09.4	650-10
	11.3	701-15		10.1	650-15
	12.1	700-20		10.7	650-20
	12.7	700-25		11.5	650-25
	13.5	700-30		12.0	650-30
	14.4	700-35		12.7	650-35
	15.0	700-40		13.4	650-40
	15.9	700-45		14.3	650-45
	17.5	700-55		14.9	650-50
	17.6	700-50		15.6	650-55
	18.3	700-60		16.3	650-60
	19.9	700-65		17.3	650-65
	20.7	700-70		18.0	650-70
	23.0	710-70		18.9	640-70
11 Oct.	00.6	710-65		21.4	640-65
	01.0	710-60		22.4	640-60
	02.0	710-55		23.3	640-55
	02.5	710-50	12 Oct.	00.0	640-50
	03.3	710-45		00.5	640-45
	04.0	710-40		01.0	640-40
	04.7	710-35		01.7	640-35
	05.4	710-30		02.4	640-30
	06.0	710-25		03.1	640-25
	06.5	710-20		03.7	640-20
	07.3	710-15		04.5	640-15
				05.0	640-10

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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
10	10	68	10.5	RR	SH10	37	01	75	47	15		20	09	06		0	J	19.9	R	31.13	701	10
10	10	68	10.5	RR	SH10	37	01	75	47	15		20	09	06		3	W	19.9	R	31.42	701	10
10	10	68	10.5	RR	SH10	37	01	75	47	15		20	09	06		6	J	19.9	R	31.49	701	10
10	10	68	10.5	RR	SH10	37	01	75	47	15		20	09	06		9	W	19.9	R	31.43	701	10
10	10	68	10.5	RR	SH10	37	01	75	47	15		20	09	06		12	J	19.9	R	31.42	701	10
10	10	68	10.5	RR	SH10	37	01	75	47	15		20	09	06		15	W	19.9	R	31.43	701	10
10	10	68	11.3	RR	SH10	37	01	75	41	19		20	07	07		0	J	20.0	R	31.49	701	15
10	10	68	11.3	RR	SH10	37	01	75	41	19		20	07	07		3	W	20.0			701	15
10	10	68	11.3	RR	SH10	37	01	75	41	19		20	07	07		6	J	20.0			701	15
10	10	68	11.3	RR	SH10	37	01	75	41	19		20	07	07		9	W	20.0			701	15
10	10	68	11.3	RR	SH10	37	01	75	41	19		20	07	07		12	W	20.0			701	15
10	10	68	11.3	RR	SH10	37	01	75	41	19		20	07	07		15	J	20.0			701	15
10	10	68	11.3	RR	SH10	37	01	75	41	19		20	07	07		18	W	19.9			701	15
10	10	68	12.1	RR	SH10	37	00	75	35	24		19	07	09		0	J	20.2	R	31.44	700	20
10	10	68	12.1	RR	SH10	37	00	75	35	24		19	07	09		3	W	20.2	R	31.39	700	20
10	10	68	12.1	RR	SH10	37	00	75	35	24		19	07	09		6	J	20.2	R	31.41	700	20
10	10	68	12.1	RR	SH10	37	00	75	35	24		19	07	09		9	W	20.2	R	31.45	700	20
10	10	68	12.1	RR	SH10	37	00	75	35	24		19	07	09		12	W	20.2	R	31.39	700	20
10	10	68	12.1	RR	SH10	37	00	75	35	24		19	07	09		15	J	20.2	R	31.41	700	20
10	10	68	12.1	RR	SH10	37	00	75	35	24		19	07	09		18	W	20.1	R	31.51	700	20
10	10	68	12.1	RR	SH10	37	00	75	35	24		19	07	09		21	W	20.1	R	31.61	700	20
10	10	68	12.1	RR	SH10	37	00	75	35	24		19	07	09		24	W	20.1			700	20
10	10	68	12.7	RR	SH10	37	00	75	29	26		19	07	09		0	J	20.4	R	31.80	700	25
10	10	68	12.7	RR	SH10	37	00	75	29	26		19	07	09		3	W	20.4			700	25
10	10	68	12.7	RR	SH10	37	00	75	29	26		19	07	09		6	J	20.4			700	25
10	10	68	12.7	RR	SH10	37	00	75	29	26		19	07	09		9	W	20.4			700	25
10	10	68	12.7	RR	SH10	37	00	75	29	26		19	07	09		12	W	20.4			700	25
10	10	68	12.7	RR	SH10	37	00	75	29	26		19	07	09		15	J	20.4			700	25
10	10	68	12.7	RR	SH10	37	00	75	29	26		19	07	09		18	W	20.1			700	25
10	10	68	12.7	RR	SH10	37	00	75	29	26		19	07	09		21	W	20.0			700	25
10	10	68	12.7	RR	SH10	37	00	75	29	26		19	07	09		24	W	19.9			700	25
10	10	68	13.5	RR	SH10	37	00	75	22	30		20	07	09		0	J	20.4	R	31.78	700	30
10	10	68	13.5	RR	SH10	37	00	75	22	30		20	07	09		3	W	20.4	R	31.64	700	30
10	10	68	13.5	RR	SH10	37	00	75	22	30		20	07	09		6	J	20.5	R	31.63	700	30
10	10	68	13.5	RR	SH10	37	00	75	22	30		20	07	09		9	W	20.4	R	31.63	700	30
10	10	68	13.5	RR	SH10	37	00	75	22	30		20	07	09		12	W	20.4	R	31.66	700	30
10	10	68	13.5	RR	SH10	37	00	75	22	30		20	07	09		15	J	20.4	R	31.74	700	30
10	10	68	13.5	RR	SH10	37	00	75	22	30		20	07	09		18	W	19.8	R	31.96	700	30
10	10	68	13.5	RR	SH10	37	00	75	22	30		20	07	09		21	W	19.0	R	32.20	700	30
10	10	68	13.5	RR	SH10	37	00	75	22	30		20	07	09		24	W	18.8	R	32.27	700	30
10	10	68	13.5	RR	SH10	37	00	75	22	30		20	07	09		27	W	18.8	R	32.34	700	30
10	10	68	13.5	RR	SH10	37	00	75	22	30		20	07	09		30	W	18.8	R	32.32	700	30
10	10	68	14.4	RR	SH10	37	00	75	16	31		19	06	09		0	J	20.4	R	32.00	700	35
10	10	68	14.4	RR	SH10	37	00	75	16	31		19	06	09		3	W	20.4			700	35
10	10	68	14.4	RR	SH10	37	00	75	16	31		19	06	09		6	J	20.4			700	35
10	10	68	14.4	RR	SH10	37	00	75	16	31		19	06	09		9	W	20.4			700	35
10	10	68	14.4	RR	SH10	37	00	75	16	31		19	06	09		12	W	20.4			700	35
10	10	68	14.4	RR	SH10	37	00	75	16	31		19	06	09		15	J	20.4			700	35
10	10	68	14.4	RR	SH10	37	00	75	16	31		19	06	09		18	W	20.0			700	35
10	10	68	14.4	RR	SH10	37	00	75	16	31		19	06	09		21	W	18.4			700	35
10	10	68	14.4	RR	SH10	37	00	75	16	31		19	06	09		24	W	18.2			700	35
10	10	68	14.4	RR	SH10	37	00	75	16	31		19	06	09		27	W	18.1			700	35
10	10	68	14.4	RR	SH10	37	00	75	16	31		19	06	09		30	W	18.0			700	35
10	10	68	15.0	RR	SH10	37	00	75	10	35		19	06	09		0	J	20.2	R	31.19	700	40
10	10	68	15.0	RR	SH10	37	00	75	10	35		19	06	09		3	W	20.2	R	32.14	700	40
10	10	68	15.0	RR	SH10	37	00	75	10	35		19	06	09		6	J	20.2	R	32.14	700	40
10	10	68	15.0	RR	SH10	37	00	75	10	35		19	06	09		9	W	20.2	R	32.13	700	40
10	10	68	15.0	RR	SH10	37	00	75	10	35		19	06	09		12	W	20.2	R	32.15	700	40
10	10	68	15.0	RR	SH10	37	00	75	10	35		19	06	09		15	J	20.2	R	32.16	700	40
10	10	68	15.0	RR	SH10	37	00	75	10	35		19	06	09		18	W	20.1	R	32.20	700	40
10	10	68	15.0	RR	SH10	37	00	75	10	35		19	06	09		21	W	20.1	R	32.21	700	40
10	10	68	15.0	RR	SH10	37	00	75	10	35		19	06	09		24	W	20.1	R	32.75	700	40
10	10	68	15.0	RR	SH10	37	00	75	10	35		19	06	09		27	W	19.6	R	32.78	700	40
10	10	68	15.0	RR	SH10	37	00	75	10	35		19	06	09		30	W	18.7	R	32.84	700	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
10	10	68	15.0	RR	SH10	37	00	75	10	35			19	06	09			35	W	18.3	R	32.83	700	40
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			0	J	20.2	R	32.77	700	45
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			3	W	20.2			700	45
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			6	J	20.2			700	45
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			9	W	20.2			700	45
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			12	W	20.2			700	45
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			15	J	20.3			700	45
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			18	W	20.3			700	45
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			21	W	20.4			700	45
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			24	W	20.3			700	45
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			27	W	18.8			700	45
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			30	W	17.2			700	45
10	10	68	15.9	RR	SH10	37	00	75	04	36			20	06	08			35	W	16.1			700	45
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			0	J	20.3	R	33.88	700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			3	W	20.3			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			6	J	20.2			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			9	W	20.2			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			12	W	20.3			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			15	J	20.4			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			18	W	20.5			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			21	W	20.4			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			24	W	17.4			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			27	W	15.4			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			30	W	13.5			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			35	W	13.4			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			40	W	14.3			700	55
10	10	68	17.5	RR	SH10	37	00	74	51	48			20	06	08			45	W	14.3			700	55
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			0	J	20.4	R	33.33	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			3	W	20.4	R	33.36	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			6	J	20.4	R	33.29	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			9	W	20.4	R	33.26	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			12	W	20.4	R	33.25	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			15	J	20.4	R	33.33	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			18	W	20.4	R	33.32	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			21	W	20.4	R	33.36	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			24	W	19.6	R	33.44	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			27	W	15.5	R	33.57	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			30	W	15.3	R	33.25	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			35	W	15.1	R	33.25	700	50
10	10	68	16.6	RR	SH10	37	00	74	57	43			20	06	08			40	W	15.1	R	33.36	700	50
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			0	J	20.2	R	33.77	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			3	W	20.2	R	33.77	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			6	J	20.2	R	33.77	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			9	W	20.2	R	33.78	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			12	W	20.3	R	33.81	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			15	J	20.4	R	33.92	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			18	W	20.8	R	34.07	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			21	W	20.7	R	34.11	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			24	W	20.5	R	34.19	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			27	W	18.0			700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			30	W	17.4	R	34.12	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			35	W	15.0	R	34.10	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			40	W	12.4	R	34.02	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			45	W	11.7	R	33.87	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			50	W	11.5	R	33.80	700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			55	W	11.2			700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			60	W	11.0			700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			65	W	10.9			700	60
10	10	68	18.3	RR	SH10	37	00	74	45	70			20	06	08			70	W	10.9			700	60
10	10	68	19.9	RR	SH10	37	00	74	39	130			21	06	08			0	J	20.6	R	33.90	700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130			21	06	08			3	W	20.6			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130			21	06	08			6	J	20.6			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130			21	06	08			9	W	20.6			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130			21	06	08			12	W	20.6			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130			21	06	08			15	J	20.6			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130			21	06	08			18	W	20.7			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130			21	06	08			21	W	20.7			700	65

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH	TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY	SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M		°C	DIRECTION CODE	VELOCITY M/SEC.	M	M	INSTR.	°C	INSTR.	‰		
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		24	W	20.7			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		27	W	20.8			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		30	W	20.9			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		35	W	14.3			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		40	W	13.1			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		45	W	14.2			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		50	W	12.0			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		55	W	9.6			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		60	W	9.7			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		65	W	11.2			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		70	W	11.7			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		75	W	11.8			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		80	W	12.6			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		85	W	12.7			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		90	W	12.7			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		95	W	12.7			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		100	W	12.7			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		110	W	12.7			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		120	W	12.8			700	65
10	10	68	19.9	RR	SH10	37	00	74	39	130		21	06	08		130	W	12.9			700	65
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		0	J	20.7	R	34.22	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		3	W	20.7	R	33.98	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		6	J	20.7	R	31.75	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		9	W	20.7	R	31.84	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		12	W	20.8	R	34.21	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		15	J	20.9	R	34.42	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		18	W	21.2	R	34.58	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		21	W	21.5	R	34.93	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		24	W	21.4	R	34.97	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		27	W	21.3	R	35.02	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		30	W	21.3	R	34.92	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		35	W	21.1	R	34.88	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		40	W	20.6	R	35.09	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		45	W	20.0	R	35.26	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		50	W	18.3	R	35.40	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		55	W	17.8	R	35.45	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		60	W	16.5	R	35.37	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		65	W	15.8	R	35.40	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		70	W	15.2	R	35.42	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		75	W	15.0	R	35.45	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		80	W	14.9	R	35.47	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		85	W	14.8	R	35.50	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		90	W	14.6	R	35.52	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		95	W	14.4	R	35.59	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		100	W	14.2	R	35.58	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		110	W	13.8	R	35.55	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		120	W	13.3	R	35.52	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		130	W	12.9	R	35.46	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		140	W	12.5	R	35.42	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		160	W	11.9	R	35.40	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		180	W	11.4	R	35.43	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		200	W	10.9	R	35.34	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		220	W	10.3	R	35.25	700	70
10	10	68	20.7	RR	SH10	37	00	74	32	820		20	06	05		240	W	9.6			700	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		0	J	21.0	R	34.78	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		3	W	21.0	R	34.82	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		6	J	21.0	R	34.78	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		9	W	21.0	R	34.78	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		12	W	21.0	R	34.75	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		15	J	21.0	R	34.77	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		18	W	20.9	R	34.78	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		21	W	21.0	R	34.73	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		24	W	21.0	R	34.76	710	70
10	10	68	11.5	RR	SH10	37	10	74	32	140		19	06	05		27	W	21.0	R	34.77	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		30	W	21.0	R	34.60	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		35	W	21.1	R	35.40	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		40	W	21.5	R	35.44	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		45	W	21.0	R	35.43	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		50	W	18.8	R	35.44	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		55	W	18.2	R	34.87	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		60	W	18.0	R	35.22	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		65	W	17.0	R	34.88	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		70	W	16.2	R	34.83	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		75	W	15.6	R	35.67	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		80	W	14.9	R	35.32	710	70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		85	W	14.5	R	35.26	710	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 ‰	STATION DESIGNATION
10	10	68	23.0	RR	SH1C	37	10	74	32	140		19	06	05		90	W	13.8	R	35.09	710 70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		95	W	13.0	R	34.89	710 70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		100	W	13.4	R	34.93	710 70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		110	W	12.1	R	35.08	710 70
10	10	68	23.0	RR	SH10	37	10	74	32	140		19	06	05		120	W	12.2	R	35.22	710 70
10	10	68	23.0	RR	SH1C	37	10	74	32	140		19	06	05		130	W	12.4	R	35.30	710 70
11	10	68	00.6	RR	SH1C	37	10	74	39	89		19	06	05		0	J	20.4	R	34.08	710 65
11	10	68	00.6	RR	SH10	37	10	74	39	89		19	06	05		3	W	20.4			710 65
11	10	68	00.6	RR	SH1C	37	10	74	39	89		19	06	05		6	J	20.4			710 65
11	10	68	00.6	RR	SH1C	37	10	74	39	89		19	06	05		9	W	20.6			710 65
11	10	68	00.6	RR	SH10	37	10	74	39	89		19	06	05		12	W	20.8			710 65
11	10	68	00.6	RR	SH1C	37	10	74	39	89		19	06	05		15	J	21.0			710 65
11	10	68	00.6	RR	SH10	37	10	74	39	89		19	06	05		18	W	21.4			710 65
11	10	68	00.6	RR	SH10	37	10	74	39	89		19	06	05		21	W	21.2			710 65
11	10	68	00.6	RR	SH10	37	10	74	39	89		19	06	05		24	W	21.4			710 65
11	10	68	00.6	RR	SH1C	37	10	74	39	89		19	06	05		27	W	20.8			710 65
11	10	68	00.6	RR	SH1C	37	10	74	39	89		19	06	05		30	W	20.0			710 65
11	10	68	00.6	RR	SH1C	37	10	74	39	89		19	06	05		35	W	18.1			710 65
11	10	68	00.6	RR	SH1C	37	10	74	39	89		19	06	05		40	W	14.8			710 65
11	10	68	00.6	RR	SH10	37	10	74	39	89		19	06	05		45	W	13.1			710 65
11	10	68	00.6	RR	SH1C	37	10	74	39	89		19	06	05		50	W	11.2			710 65
11	10	68	00.6	RR	SH1C	37	10	74	39	89		19	06	05		55	W	10.7			710 65
11	10	68	00.6	RR	SH10	37	10	74	39	89		19	06	05		60	W	10.5			710 65
11	10	68	00.6	RR	SH10	37	10	74	39	89		19	06	05		65	W	10.6			710 65
11	10	68	00.6	RR	SH10	37	10	74	39	89		19	06	05		70	W	10.7			710 65
11	10	68	00.6	RR	SH10	37	10	74	39	89		19	06	05		75	W	10.7			710 65
11	10	68	00.6	RR	SH10	37	10	74	39	89		19	06	05		80	W	10.8			710 65
11	10	68	00.6	RR	SH1C	37	10	74	39	89		19	06	05		85	W	10.9			710 65
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		0	J	20.1	R	33.68	710 60
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		3	W	20.1	R	33.65	710 60
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		6	J	20.2	R	33.68	710 60
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		9	W	20.4	R	33.68	710 60
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		12	W	20.8	R	33.98	710 60
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		15	J	20.9	R	34.30	710 60
11	10	68	01.0	RR	SH10	37	10	74	45	73		19	06	04		18	W	20.9	R	34.36	710 60
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		21	W	21.2	R	34.41	710 60
11	10	68	01.0	RR	SH10	37	10	74	45	73		19	06	04		24	W	21.4	R	34.49	710 60
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		27	W	21.3	R	34.65	710 60
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		30	W	21.3	R	34.80	710 60
11	10	68	01.0	RR	SH10	37	10	74	45	73		19	06	04		35	W	20.2	R	35.06	710 60
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		40	W	16.7	R	34.62	710 60
11	10	68	01.0	RR	SH10	37	10	74	45	73		19	06	04		45	W	12.3	R	35.15	710 60
11	10	68	01.0	RR	SH10	37	10	74	45	73		19	06	04		50	W	12.2	R	34.11	710 60
11	10	68	01.0	RR	SH10	37	10	74	45	73		19	06	04		55	W	12.1	R	34.06	710 60
11	10	68	01.0	RR	SH10	37	10	74	45	73		19	06	04		60	W	11.8	R	34.12	710 60
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		65	W	11.7	R	34.07	710 60
11	10	68	01.0	RR	SH1C	37	10	74	45	73		19	06	04		70	W	11.7	R	34.15	710 60
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		0	J	19.8	R	33.37	710 55
11	10	68	02.0	RR	SH1C	37	10	74	51	54		19	06	04		3	W	19.9			710 55
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		6	J	20.0			710 55
11	10	68	02.0	RR	SH1C	37	10	74	51	54		19	06	04		9	W	20.1			710 55
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		12	W	20.3			710 55
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		15	J	20.4			710 55
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		18	W	20.3			710 55
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		21	W	20.2			710 55
11	10	68	02.0	RR	SH1C	37	10	74	51	54		19	06	04		24	W	20.2			710 55
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		27	W	20.2			710 55
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		30	W	20.0			710 55
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		35	W	18.1			710 55
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		40	W	15.9			710 55
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		45	W	15.8			710 55
11	10	68	02.0	RR	SH10	37	10	74	51	54		19	06	04		50	W	14.0			710 55
11	10	68	02.5	RR	SH10	37	00	74	57	42		19	05	03		0	J	19.9	R	32.56	710 50
11	10	68	02.5	RR	SH10	37	00	74	57	42		19	05	03		3	W	19.9	R	34.45	710 50
11	10	68	02.5	RR	SH10	37	00	74	57	42		19	05	03		6	J	19.9	R	33.72	710 50
11	10	68	02.5	RR	SH10	37	00	74	57	42		19	05	03		9	W	20.9	R	33.06	710 50
11	10	68	02.5	RR	SH10	37	00	74	57	42		19	05	03		12	J	21.4	R	32.78	710 50
11	10	68	02.5	RR	SH10	37	00	74	57	42		19	05	03		15	W	21.2	R	32.51	710 50
11	10	68	02.5	RR	SH10	37	00	74	57	42		19	05	03		18	W	21.0	R	32.54	710 50
11	10	68	02.5	RR	SH10	37	00	74	57	42		19	05	03		21	W	20.2	R	34.36	710 50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
11	10	68	02.5	RR	SH10	37	00	74	57	42			19	05	03			24	W	18.3	R	34.41	710	50
11	10	68	02.5	RR	SH10	37	00	74	57	42			19	05	03			27	W	17.0	R	34.42	710	50
11	10	68	02.5	RR	SH10	37	00	74	57	42			19	05	03			30	W	16.8	R	34.16	710	50
11	10	68	02.5	RR	SH10	37	00	74	57	42			19	05	03			35	W	16.7	R	34.03	710	50
11	10	68	02.5	RR	SH10	37	00	74	57	42			19	05	03			40	W	16.4	R	33.94	710	50
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			0	J	19.8	R	32.99	710	45
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			3	W	19.8			710	45
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			6	J	19.8			710	45
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			9	W	20.3			710	45
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			12	W	20.4			710	45
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			15	J	20.5			710	45
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			18	W	19.8			710	45
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			21	W	19.6			710	45
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			24	W	19.6			710	45
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			27	W	19.5			710	45
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			30	W	19.5			710	45
11	10	68	03.3	RR	SH10	37	10	75	04	37			19	05	03			35	W	19.4			710	45
11	10	68	04.0	RR	SH10	37	10	75	10	29			19	05	04			0	J	20.1	R	32.53	710	40
11	10	68	04.0	RR	SH10	37	10	75	10	29			19	05	04			3	W	20.1	R	32.50	710	40
11	10	68	04.0	RR	SH10	37	10	75	10	29			19	05	04			6	W	20.0	R	32.50	710	40
11	10	68	04.0	RR	SH10	37	10	75	10	29			19	05	04			9	W	20.1	R	32.48	710	40
11	10	68	04.0	RR	SH10	37	10	75	10	29			19	05	04			12	W	20.1	R	32.50	710	40
11	10	68	04.0	RR	SH10	37	10	75	10	29			19	05	04			15	J	20.1	R	32.51	710	40
11	10	68	04.0	RR	SH10	37	10	75	10	29			19	05	04			18	W	20.1	R	32.51	710	40
11	10	68	04.0	RR	SH10	37	10	75	10	29			19	05	04			21	W	19.3	R	32.53	710	40
11	10	68	04.0	RR	SH10	37	10	75	10	29			19	05	04			24	W	18.6	R	32.56	710	40
11	10	68	04.0	RR	SH10	37	10	75	10	29			19	05	04			27	W	18.5	R	32.59	710	40
11	10	68	04.7	RR	SH10	37	10	75	16	29			19	05	04			0	J	19.9	R	32.13	710	35
11	10	68	04.7	RR	SH10	37	10	75	16	29			19	05	04			3	W	19.9			710	35
11	10	68	04.7	RR	SH10	37	10	75	16	29			19	05	04			6	J	19.8			710	35
11	10	68	04.7	RR	SH10	37	10	75	16	29			19	05	04			9	W	19.9			710	35
11	10	68	04.7	RR	SH10	37	10	75	16	29			19	05	04			12	W	19.9			710	35
11	10	68	04.7	RR	SH10	37	10	75	16	29			19	05	04			15	J	19.9			710	35
11	10	68	04.7	RR	SH10	37	10	75	16	29			19	05	04			18	W	19.7			710	35
11	10	68	04.7	RR	SH10	37	10	75	16	29			19	05	04			21	W	19.2			710	35
11	10	68	04.7	RR	SH10	37	10	75	16	29			19	05	04			24	W	19.0			710	35
11	10	68	04.7	RR	SH10	37	10	75	16	29			19	05	04			27	W	18.9			710	35
11	10	68	05.4	RR	SH10	37	10	75	22	28			19	05	05			0	J	20.3	R	31.69	710	30
11	10	68	05.4	RR	SH10	37	10	75	22	28			19	05	05			3	W	20.3	R	31.68	710	30
11	10	68	05.4	RR	SH10	37	10	75	22	28			19	05	05			6	J	20.3	R	31.67	710	30
11	10	68	05.4	RR	SH10	37	10	75	22	28			19	05	05			9	W	20.3	R	31.66	710	30
11	10	68	05.4	RR	SH10	37	10	75	22	28			19	05	05			12	W	20.3	R	31.69	710	30
11	10	68	05.4	RR	SH10	37	10	75	22	28			19	05	05			15	J	20.3	R	31.69	710	30
11	10	68	05.4	RR	SH10	37	10	75	22	28			19	05	05			18	W	20.2	R	31.70	710	30
11	10	68	05.4	RR	SH10	37	10	75	22	28			19	05	05			21	W	20.2	R	32.03	710	30
11	10	68	05.4	RR	SH10	37	10	75	22	28			19	05	05			24	W	20.2	R	32.20	710	30
11	10	68	05.4	RR	SH10	37	10	75	22	28			19	05	05			27	W	20.2	R	32.34	710	30
11	10	68	06.0	RR	SH10	37	10	75	29	23			19	05	05			0	J	20.1	R	31.69	710	25
11	10	68	06.0	RR	SH10	37	10	75	29	23			19	05	05			3	W	20.1			710	25
11	10	68	06.0	RR	SH10	37	10	75	29	23			19	05	05			6	J	20.2			710	25
11	10	68	06.0	RR	SH10	37	10	75	29	23			19	05	05			9	W	20.2			710	25
11	10	68	06.0	RR	SH10	37	10	75	29	23			19	05	05			12	W	20.2			710	25
11	10	68	06.0	RR	SH10	37	10	75	29	23			19	05	05			15	J	20.2			710	25
11	10	68	06.0	RR	SH10	37	10	75	29	23			19	05	05			18	W	20.2			710	25
11	10	68	06.0	RR	SH10	37	10	75	29	23			19	05	05			21	W	20.2			710	25
11	10	68	06.5	RR	SH10	37	10	75	35	22			19	05	05			0	J	20.2	R	31.34	710	20
11	10	68	06.5	RR	SH10	37	10	75	35	22			19	05	05			3	W	20.2	R	31.39	710	20
11	10	68	06.5	RR	SH10	37	10	75	35	22			19	05	05			6	J	20.2	R	31.38	710	20
11	10	68	06.5	RR	SH10	37	10	75	35	22			19	05	05			9	W	20.2	R	31.31	710	20
11	10	68	06.5	RR	SH10	37	10	75	35	22			19	05	05			12	W	20.2	R	31.33	710	20
11	10	68	06.5	RR	SH10	37	10	75	35	22			19	05	05			15	J	20.2	R	31.34	710	20
11	10	68	06.5	RR	SH10	37	10	75	35	22			19	05	05			18	W	20.2	R	31.42	710	20

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
11	10	68	07.3	RR	SH10	37	10	75	41	15			19	07	04			0	J	19.9	R	31.43			710	15	
11	10	68	07.3	RR	SH10	37	10	75	41	15			19	07	04			3	W	19.9					710	15	
11	10	68	07.3	RR	SH10	37	10	75	41	15			19	07	04			6	J	19.9					710	15	
11	10	68	07.3	RR	SH10	37	10	75	41	15			19	07	04			9	W	19.9					710	15	
11	10	68	07.3	RR	SH10	37	10	75	41	15			19	07	04			12	W	19.9					710	15	
11	10	68	07.3	RR	SH10	37	10	75	41	15			19	07	04			15	J	19.9					710	15	
11	10	68	09.4	RR	SH10	36	50	75	47	16			21	09	04			0	J	20.6	R	31.24			650	10	
11	10	68	09.4	RR	SH10	36	50	75	47	16			21	09	04			3	W	20.6	R	31.21			650	10	
11	10	68	09.4	RR	SH10	36	50	75	47	16			21	09	04			6	J	20.6	R	31.20			650	10	
11	10	68	09.4	RR	SH10	36	50	75	47	16			21	09	04			9	W	20.6	R	31.19			650	10	
11	10	68	09.4	RR	SH10	36	50	75	47	16			21	09	04			12	W	20.6	R	31.19			650	10	
11	10	68	09.4	RR	SH10	36	50	75	47	16			21	09	04			15	J	20.6	R	31.26			650	10	
11	10	68	10.1	RR	SH10	36	50	75	41	22			21	07	04			0	J	20.4	R	31.46			650	15	
11	10	68	10.1	RR	SH10	36	50	75	41	22			21	07	04			3	W	20.4					650	15	
11	10	68	10.1	RR	SH10	36	50	75	41	22			21	07	04			6	J	20.4					650	15	
11	10	68	10.1	RR	SH10	36	50	75	41	22			21	07	04			9	W	20.4					650	15	
11	10	68	10.1	RR	SH10	36	50	75	41	22			21	07	04			12	W	20.4					650	15	
11	10	68	10.1	RR	SH10	36	50	75	41	22			21	07	04			15	J	20.4					650	15	
11	10	68	10.1	RR	SH10	36	50	75	41	22			21	07	04			18	W	20.4					650	15	
11	10	68	10.1	RR	SH10	36	50	75	41	22			21	07	04			21	W	20.4					650	15	
11	10	68	10.7	RR	SH10	36	50	75	35	19			20	04	04			0	J	20.3	R	31.92			650	20	
11	10	68	10.7	RR	SH10	36	50	75	35	19			20	04	04			3	W	20.3	R	31.92			650	20	
11	10	68	10.7	RR	SH10	36	50	75	35	19			20	04	04			6	J	20.3	R	32.07			650	20	
11	10	68	10.7	RR	SH10	36	50	75	35	19			20	04	04			9	W	20.3	R	31.92			650	20	
11	10	68	10.7	RR	SH10	36	50	75	35	19			20	04	04			12	W	20.3	R	31.42			650	20	
11	10	68	10.7	RR	SH10	36	50	75	35	19			20	04	04			15	J	20.3	R	31.93			650	20	
11	10	68	10.7	RR	SH10	36	50	75	35	19			20	04	04			18	W	20.3	R	31.91			650	20	
11	10	68	11.5	RR	SH10	36	50	75	29	25			21	04	04			0	J	20.4	R	31.96			650	25	
11	10	68	11.5	RR	SH10	36	50	75	29	25			21	04	04			3	W	20.4					650	25	
11	10	68	11.5	RR	SH10	36	50	75	29	25			21	04	04			6	J	20.4					650	25	
11	10	68	11.5	RR	SH10	36	50	75	29	25			21	04	04			9	W	20.4					650	25	
11	10	68	11.5	RR	SH10	36	50	75	29	25			21	04	04			12	W	20.3					650	25	
11	10	68	11.5	RR	SH10	36	50	75	29	25			21	04	04			15	J	20.3					650	25	
11	10	68	11.5	RR	SH10	36	50	75	29	25			21	04	04			18	W	20.3					650	25	
11	10	68	11.5	RR	SH10	36	50	75	29	25			21	04	04			21	W	20.3					650	25	
11	10	68	11.5	RR	SH10	36	50	75	29	25			21	04	04			24	W	20.3					650	25	
11	10	68	12.0	RR	SH10	36	50	75	22	24			21	04	05			0	J	20.4	R	31.73			650	30	
11	10	68	12.0	RR	SH10	36	50	75	22	24			21	04	05			3	W	20.4	R	31.69			650	30	
11	10	68	12.0	RR	SH10	36	50	75	22	24			21	04	05			6	J	20.4	R	31.75			650	30	
11	10	68	12.0	RR	SH10	36	50	75	22	24			21	04	05			9	W	20.3	R	31.92			650	30	
11	10	68	12.0	RR	SH10	36	50	75	22	24			21	04	05			12	W	20.2	R	32.04			650	30	
11	10	68	12.0	RR	SH10	36	50	75	22	24			21	04	05			15	J	20.2	R	32.01			650	30	
11	10	68	12.0	RR	SH10	36	50	75	22	24			21	04	05			18	W	20.2	R	32.07			650	30	
11	10	68	12.0	RR	SH10	36	50	75	22	24			21	04	05			21	W	20.1	R	32.13			650	30	
11	10	68	12.0	RR	SH10	36	50	75	22	24			21	04	05			24	W	20.1	R	32.27			650	30	
11	10	68	12.7	RR	SH10	36	50	75	16	27			21	04	05			0	J	20.3	R	32.31			650	35	
11	10	68	12.7	RR	SH10	36	50	75	16	27			21	04	05			3	W	20.3					650	35	
11	10	68	12.7	RR	SH10	36	50	75	16	27			21	04	05			6	J	20.3					650	35	
11	10	68	12.7	RR	SH10	36	50	75	16	27			21	04	05			9	W	20.3					650	35	
11	10	68	12.7	RR	SH10	36	50	75	16	27			21	04	05			12	W	20.2					650	35	
11	10	68	12.7	RR	SH10	36	50	75	16	27			21	04	05			15	W	20.2					650	35	
11	10	68	12.7	RR	SH10	36	50	75	16	27			21	04	05			18	W	19.6					650	35	
11	10	68	12.7	RR	SH10	36	50	75	16	27			21	04	05			21	W	19.1					650	35	
11	10	68	12.7	RR	SH10	36	50	75	16	27			21	04	05			24	W	19.0					650	35	
11	10	68	12.7	RR	SH10	36	50	75	16	27			21	04	05			27	W	19.0					650	35	
11	10	68	13.4	RR	SH10	36	50	75	10	38			21	04	05			0	J	20.2	R	32.86			650	40	
11	10	68	13.4	RR	SH10	36	50	75	10	38			21	04	05			3	W	20.2	R	32.98			650	40	
11	10	68	13.4	RR	SH10	36	50	75	10	38			21	04	05			6	J	20.2	R	32.98			650	40	
11	10	68	13.4	RR	SH10	36	50	75	10	38			21	04	05			9	W	20.2	R	33.03			650	40	
11	10	68	13.4	RR	SH10	36	50	75	10	38			21	04	05			12	W	20.2	R	33.04			650	40	
11	10	68	13.4	RR	SH10	36	50	75	10	38			21	04	05			15	J	20.2	R	33.06			650	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		STATION DESIGNATION
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	
11	10	68	13.4	RR	SH10	36	50	75	10	38		21	04	05		18	W	20.2	R	33.04	650 40
11	10	68	13.4	RR	SH10	36	50	75	10	38		21	04	05		21	W	20.1	R	33.10	650 40
11	10	68	13.4	RR	SH10	36	50	75	10	38		21	04	05		24	W	20.1	R	33.08	650 40
11	10	68	13.4	RR	SH10	36	50	75	10	38		21	04	05		27	W	20.0	R	33.09	650 40
11	10	68	13.4	RR	SH10	36	50	75	10	38		21	04	05		30	W	19.8	R	33.10	650 40
11	10	68	13.4	RR	SH10	36	50	75	10	38		21	04	05		35	W	18.4	R	33.02	650 40
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		0	J	20.1	R	32.63	650 45
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		3	W	20.1			650 45
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		6	J	20.1			650 45
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		9	W	19.8			650 45
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		12	W	20.0			650 45
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		15	J	20.1			650 45
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		18	W	20.1			650 45
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		21	W	20.0			650 45
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		24	W	19.8			650 45
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		27	W	18.0			650 45
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		30	W	17.9			650 45
11	10	68	14.3	RR	SH10	36	50	75	04	37		21	05	05		35	W	16.2			650 45
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		0	J	20.2	R	32.82	650 50
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		3	W	20.2	R	32.84	650 50
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		6	J	20.2	R	32.88	650 50
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		9	W	20.2	R	33.08	650 50
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		12	W	20.2	R	33.22	650 50
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		15	J	20.3	R	33.32	650 50
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		18	W	20.3	R	33.31	650 50
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		21	W	20.3	R	33.40	650 50
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		24	W	19.9	R	33.68	650 50
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		27	W	17.4	R	33.79	650 50
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		30	W	15.2	R	33.56	650 50
11	10	68	14.9	RR	SH10	36	50	74	57	35		21	05	05		35	W	14.9	R	33.56	650 50
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		0	J	20.1	R	32.72	650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		3	W	20.1			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		6	J	20.1			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		9	W	20.2			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		12	W	19.9			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		15	J	20.1			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		18	W	20.5			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		21	W	17.2			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		24	W	13.7			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		27	W	13.6			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		30	W	13.6			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		35	W	13.7			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		40	W	13.6			650 55
11	10	68	15.6	RR	SH10	36	50	74	51	49		21	05	05		45	W	13.4			650 55
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		0	J	20.7	R	34.01	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		3	W	20.7	R	34.02	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		6	J	20.7	R	34.02	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		9	W	20.6	R	34.02	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		12	W	20.6	R	33.98	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		15	J	20.5	R	33.98	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		18	W	20.5	R	33.99	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		21	W	20.8	R	33.98	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		24	W	21.2	R	34.03	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		27	W	21.4	R	34.06	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		30	W	21.5	R	34.76	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		35	W	21.2	R	34.85	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		40	W	19.1	R	34.52	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		45	W	13.1	R	33.74	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		50	W	12.4	R	33.66	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		55	W	12.4	R	33.82	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		60	W	11.8	R	33.73	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		65	W	11.7	R	33.75	650 60
11	10	68	16.3	RR	SH10	36	50	74	45	70		22	05	05		70	W	11.7	R	33.81	650 60
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		0	J	20.7	R	34.09	650 65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		3	W	20.7			650 65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		6	J	20.7			650 65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		9	W	20.7			650 65

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		12	W	20.7			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		15	J	20.7			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		18	W	20.8			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		21	W	20.8			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		24	W	20.8			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		27	W	20.9			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		30	W	21.0			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		35	W	20.1			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		40	W	17.2			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		45	W	14.4			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		50	W	12.5			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		55	W	11.2			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		60	W	11.3			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		65	W	11.3			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		70	W	11.2			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		75	W	11.3			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		80	W	11.4			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		85	W	11.5			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		90	W	11.6			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		100	W	11.8			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		110	W	12.6			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		120	W	12.8			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		130	W	12.5			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		140	W	12.6			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		160	W	12.7			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		180	W	12.2			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		200	W	12.0			650	65
11	10	68	17.3	RR	SH10	36	50	74	39	220		20	05	05		220	W	11.2			650	65
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		0	J	20.7	R	33.99	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		3	W	20.7	R	33.99	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		6	J	20.7	R	33.95	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		9	W	20.7	R	33.98	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		12	W	20.7	R	33.94	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		15	J	20.7	R	34.07	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		18	W	20.7	R	34.16	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		21	W	20.9	R	34.16	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		24	W	20.3	R	34.17	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		27	W	20.2	R	34.39	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		30	W	19.7	R	34.36	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		35	W	17.3	R	34.43	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		40	W	15.1	R	34.01	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		45	W	14.0	R	33.75	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		50	W	13.9	R	34.29	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		55	W	12.3	R	34.07	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		60	W	11.5	R	33.71	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		65	W	11.6	R	33.64	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		70	W	15.0	R	33.71	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		75	W	16.1	R	34.67	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		80	W	15.5	R	35.48	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		85	W	14.5	R	35.48	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		90	W	13.5	R	35.47	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		95	W	12.9	R	35.39	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		100	W	12.9	R	35.37	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		110	W	13.3	R	35.21	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		120	W	13.6	R	35.39	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		130	W	13.1	R	35.40	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		140	W	12.6	R	35.37	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		160	W	12.5	R	35.47	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		180	W	11.7	R	35.51	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		200	W	11.2	R	34.18	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		220	W	10.3	R	35.39	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		240	W	9.6	R	35.33	650	70
11	10	68	18.0	RR	SH10	36	50	74	34	260		20	05	05		260	W	9.1	R	35.23	650	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		0	J	20.2	R	32.93	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		3	W	20.3	R	32.85	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		6	J	20.3	R	33.28	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		9	W	21.5	R	34.11	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		12	W	21.7	R	34.36	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		15	W	21.8	R	35.53	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		18	W	21.7	R	34.73	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		21	W	21.0	R	35.01	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		24	W	20.3	R	35.02	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		27	W	20.3	R	35.04	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		30	W	20.3	R	34.94	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		35	W	17.8	R	34.96	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520		19	05	05		40	W	12.7	R	34.96	640	70

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			45	W	11.8	R	35.08	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			50	W	11.3	R	34.19	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			55	W	11.3	R	34.22	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			60	W	11.8	R	34.29	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			65	W	14.4	R	34.40	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			70	W	14.5	R	34.60	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			75	W	14.4	R	35.46	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			80	W	14.2	R	35.47	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			85	W	14.1	R	35.50	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			90	W	14.0	R	35.54	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			95	W	13.9	R	35.50	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			100	W	13.8	R	35.63	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			110	W	13.9	R	35.68	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			120	W	13.8	R	35.67	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			130	W	13.6	R	35.66	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			140	W	13.0	R	35.54	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			160	W	12.3	R	35.41	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			180	W	12.0	R	35.43	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			200	W	11.3	R	35.38	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			220	W	11.0	R	35.38	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			240	W	10.2	R	35.25	640	70
11	10	68	18.9	RR	SH10	36	40	74	34	520			19	05	05			260	W	9.6	R	35.15	640	70
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			0	J	20.1	R	33.09	640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			3	W	20.9			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			6	W	21.0			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			9	W	20.9			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			12	W	20.9			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			15	W	21.0			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			18	W	21.0			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			21	W	21.1			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			24	W	21.2			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			27	W	21.2			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			30	W	21.1			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			35	W	20.7			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			40	W	20.0			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			45	W	19.3			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			50	W	18.2			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			55	W	17.5			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			60	W	16.7			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			65	W	15.6			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			70	W	14.4			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			75	W	14.2			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			80	W	13.3			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			85	W	13.0			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			90	W	12.9			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			95	W	12.8			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			100	W	13.1			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			110	W	13.0			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			120	W	13.0			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			130	W	13.1			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			140	W	13.0			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			160	W	12.5			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			180	W	12.1			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			200	W	11.4			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			220	W	10.6			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			240	W	10.5			640	65
11	10	68	21.4	RR	SH10	36	40	74	39	260			19	06	05			260	W	9.3			640	65
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			0	J	20.3	R	33.76	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			3	W	20.3	R	33.64	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			6	J	20.4	R	33.64	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			9	W	20.5	R	33.81	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			12	W	20.7	R	34.01	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			15	W	20.8	R	34.14	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			18	W	20.2	R	34.16	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			21	W	18.1	R	34.21	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			24	W	17.8	R	34.08	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			27	W	15.9	R	34.18	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			30	W	14.7	R	34.16	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			35	W	13.4	R	33.73	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			40	W	12.2	R	33.64	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			45	W	12.0	R	33.58	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			50	W	11.9	R	33.52	640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			55	W	11.8			640	60
11	10	68	22.4	RR	SH10	36	40	74	45	60			19	06	05			60	W	11.8	R	33.49	640	60

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		0	J	20.0	R	33.02	640	55
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		3	W	20.0			640	55
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		6	J	20.0			640	55
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		9	W	20.3			640	55
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		12	W	20.4			640	55
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		15	W	20.0			640	55
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		18	W	20.0			640	55
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		21	W	20.1			640	55
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		24	W	20.2			640	55
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		27	W	20.2			640	55
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		30	W	18.7			640	55
11	10	68	23.3	RR	SH10	36	40	74	51	39		19	06	05		35	W	18.3			640	55
12	10	68	00.0	RR	SH10	36	40	74	57	33		19	06	05		0	J	20.0	R	32.78	640	50
12	10	68	00.0	RR	SH10	36	40	74	57	33		19	06	05		3	W	20.0	R	32.75	640	50
12	10	68	00.0	RR	SH10	36	40	74	57	33		19	06	05		6	J	20.0	R	32.75	640	50
12	10	68	00.0	RR	SH10	36	40	74	57	33		19	06	05		9	W	20.8	R	32.75	640	50
12	10	68	00.0	RR	SH10	36	40	74	57	33		19	06	05		12	W	20.9	R	33.26	640	50
12	10	68	00.0	RR	SH10	36	40	74	57	33		19	06	05		15	W	20.5	R	33.69	640	50
12	10	68	00.0	RR	SH10	36	40	74	57	33		19	06	05		18	W	19.3	R	33.90	640	50
12	10	68	00.0	RR	SH10	36	40	74	57	33		19	06	05		21	W	18.7	R	33.78	640	50
12	10	68	00.0	RR	SH10	36	40	74	57	33		19	06	05		24	W	18.0	R	33.72	640	50
12	10	68	00.0	RR	SH10	36	40	74	57	33		19	06	05		27	W	17.9	R	33.51	640	50
12	10	68	00.0	RR	SH10	36	40	74	57	33		19	06	05		30	W	17.9	R	33.48	640	50
12	10	68	00.5	RR	SH10	36	40	75	04	28		19	05	05		0	J	20.2	R	32.45	640	45
12	10	68	00.5	RR	SH10	36	40	75	04	28		19	05	05		3	W	20.2			640	45
12	10	68	00.5	RR	SH10	36	40	75	04	28		19	05	05		6	J	20.2			640	45
12	10	68	00.5	RR	SH10	36	40	75	04	28		19	05	05		9	W	20.2			640	45
12	10	68	00.5	RR	SH10	36	40	75	04	28		19	05	05		12	W	20.1			640	45
12	10	68	00.5	RR	SH10	36	40	75	04	28		19	05	05		15	W	19.0			640	45
12	10	68	00.5	RR	SH10	36	40	75	04	28		19	05	05		18	W	18.8			640	45
12	10	68	00.5	RR	SH10	36	40	75	04	28		19	05	05		21	W	18.8			640	45
12	10	68	00.5	RR	SH10	36	40	75	04	28		19	05	05		24	W	18.7			640	45
12	10	68	00.5	RR	SH10	36	40	75	04	28		19	05	05		27	W	18.7			640	45
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		0	J	20.1	R	32.78	640	40
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		3	W	20.1	R	32.77	640	40
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		6	J	20.1	R	32.75	640	40
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		9	W	20.0	R	32.75	640	40
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		12	W	19.9	R	32.79	640	40
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		15	J	19.9	R	32.86	640	40
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		18	W	19.8	R	32.84	640	40
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		21	W	19.6	R	32.87	640	40
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		24	W	19.4	R	32.86	640	40
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		27	W	19.4	R	32.89	640	40
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		30	W	19.5	R	32.90	640	40
12	10	68	01.0	RR	SH10	36	40	75	10	35		19	05	05		35	W	19.5	R	33.22	640	40
12	10	68	01.7	RR	SH10	36	40	75	16	33		19	05	04		0	J	20.2	R	32.23	640	35
12	10	68	01.7	RR	SH10	36	40	75	16	33		19	05	04		3	W	20.2			640	35
12	10	68	01.7	RR	SH10	36	40	75	16	33		19	05	04		6	J	20.2			640	35
12	10	68	01.7	RR	SH10	36	40	75	16	33		19	05	04		9	W	20.2			640	35
12	10	68	01.7	RR	SH10	36	40	75	16	33		19	05	04		12	W	20.2			640	35
12	10	68	01.7	RR	SH10	36	40	75	16	33		19	05	04		15	J	20.2			640	35
12	10	68	01.7	RR	SH10	36	40	75	16	33		19	05	04		18	W	20.1			640	35
12	10	68	01.7	RR	SH10	36	40	75	16	33		19	05	04		21	W	20.1			640	35
12	10	68	01.7	RR	SH10	36	40	75	16	33		19	05	04		24	W	20.0			640	35
12	10	68	01.7	RR	SH10	36	40	75	16	33		19	05	04		27	W	20.0			640	35
12	10	68	01.7	RR	SH10	36	40	75	16	33		19	05	04		30	W	19.8			640	35
12	10	68	02.4	RR	SH10	36	40	75	22	18		19	05	04		0	J	20.3	R	32.42	640	30
12	10	68	02.4	RR	SH10	36	40	75	22	18		19	05	04		3	W	20.3	R	32.40	640	30
12	10	68	02.4	RR	SH10	36	40	75	22	18		19	05	04		6	J	20.3	R	32.40	640	30
12	10	68	02.4	RR	SH10	36	40	75	22	18		19	05	04		9	W	20.3	R	32.40	640	30
12	10	68	02.4	RR	SH10	36	40	75	22	18		19	05	04		12	W	20.3	R	32.41	640	30
12	10	68	02.4	RR	SH10	36	40	75	22	18		19	05	04		15	J	20.3	R	32.38	640	30
12	10	68	02.4	RR	SH10	36	40	75	22	18		19	05	04		18	W	20.3	R	32.43	640	30
12	10	68	03.1	RR	SH10	36	40	75	29	20		19	05	04		0	J	20.3	R	32.05	640	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		STATION DESIGNATION					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰						
12	10	68	03.1	RR	SH10	36	40	75	29	20			19	05	04			3	W	20.3					640	25		
12	10	68	03.1	RR	SH10	36	40	75	29	20			19	05	04			6	J	20.3					640	25		
12	10	68	03.1	RR	SH10	36	40	75	29	20			19	05	04			9	W	20.3					640	25		
12	10	68	03.1	RR	SH10	36	40	75	29	20			19	05	04			12	W	20.3					640	25		
12	10	68	03.1	RR	SH10	36	40	75	29	20			19	05	04			15	J	20.3					640	25		
12	10	68	03.1	RR	SH10	36	40	75	29	20			19	05	04			18	W	20.3					640	25		
12	10	68	03.7	RR	SH10	36	40	75	35	19			19	05	04			0	J	20.3	R	31.85			640	20		
12	10	68	03.7	RR	SH10	36	40	75	35	19			19	05	04			3	W	20.3	R	31.97			640	20		
12	10	68	03.7	RR	SH10	36	40	75	35	19			19	05	04			6	J	20.3	R	31.93			640	20		
12	10	68	03.7	RR	SH10	36	40	75	35	19			19	05	04			9	W	20.3	R	31.88			640	20		
12	10	68	03.7	RR	SH10	36	40	75	35	19			19	05	04			12	W	20.4	R	31.99			640	20		
12	10	68	03.7	RR	SH10	36	40	75	35	19			19	05	04			15	J	20.4	R	32.37			640	20		
12	10	68	04.5	RR	SH10	36	40	75	41	16			19	05	04			0	J	20.6	R	31.47			640	15		
12	10	68	04.5	RR	SH10	36	40	75	41	16			19	05	04			3	W	20.6					640	15		
12	10	68	04.5	RR	SH10	36	40	75	41	16			19	05	04			6	J	20.6					640	15		
12	10	68	04.5	RR	SH10	36	40	75	41	16			19	05	04			9	W	20.6					640	15		
12	10	68	04.5	RR	SH10	36	40	75	41	16			19	05	04			12	W	20.7					640	15		
12	10	68	04.5	RR	SH10	36	40	75	41	16			19	05	04			15	J	20.7					640	15		
12	10	68	05.0	RR	SH10	36	40	75	47	17			19	05	04			0	J	20.9	R	31.62			640	10		
12	10	68	05.0	RR	SH10	36	40	75	47	17			19	05	04			3	W	20.9	R	31.61			640	10		
12	10	68	05.0	RR	SH10	36	40	75	47	17			19	05	04			6	J	20.9	R	31.59			640	10		
12	10	68	05.0	RR	SH10	36	40	75	47	17			19	05	04			9	W	20.9	R	31.61			640	10		
12	10	68	05.0	RR	SH10	36	40	75	47	17			19	05	04			12	W	20.9	R	31.61			640	10		
12	10	68	05.0	RR	SH10	36	40	75	47	17			19	05	04			15	J	20.9	R	31.57			640	10		

SHS 11-68 7 and 8 November 1968

Stations Sampled

650-10	700-10
650-15	700-15
650-20	700-20
650-25	700-25
650-30	700-30
650-35	700-35
650-40	700-40
650-45	700-45
650-50	700-50
650-55	700-55
650-60	700-60
650-65	700-65
650-70	700-70

Sampling Sequence

Date	Time	Station
7 Nov.	11.5	700-10
	12.4	700-15
	12.9	700-20
	13.6	700-25
	14.1	700-30
	14.9	700-35
	15.8	700-40
	16.3	700-45
	17.2	700-50
	17.9	700-55
	18.6	700-60
	19.6	700-65
	20.5	700-70
	21.8	650-70
	22.5	650-65

Date	Time	Station
8 Nov.	06.1	650-60
	07.6	650-55
	08.7	650-50
	09.3	650-45
	09.9	650-40
	10.7	650-35
	11.5	650-30
	12.1	650-25
	12.7	650-20
	13.5	650-15
	14.2	650-10

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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
07	11	68	11.5	RR	SH11	37	00	75	47	15		17	15	03		0	J	16.6	R	31.38	700	10
07	11	68	11.5	RR	SH11	37	00	75	47	15		17	15	03		3	W	16.6	R	31.42	700	10
07	11	68	11.5	RR	SH11	37	00	75	47	15		17	15	03		6	J	16.5	R	31.41	700	10
07	11	68	11.5	RR	SH11	37	00	75	47	15		17	15	03		9	J	16.5	R	31.38	700	10
07	11	68	11.5	RR	SH11	37	00	75	47	15		17	15	03		12	W	16.5	R	31.39	700	10
07	11	68	12.4	RR	SH11	37	00	75	41	18		17	15	04		0	J	17.0	R	32.11	700	15
07	11	68	12.4	RR	SH11	37	00	75	41	18		17	15	04		3	W	17.0			700	15
07	11	68	12.4	RR	SH11	37	00	75	41	18		17	15	04		6	J	17.1			700	15
07	11	68	12.4	RR	SH11	37	00	75	41	18		17	15	04		9	J	17.1			700	15
07	11	68	12.4	RR	SH11	37	00	75	41	18		17	15	04		12	W	17.0			700	15
07	11	68	12.4	RR	SH11	37	00	75	41	18		17	15	04		15	W	17.0			700	15
07	11	68	12.9	RR	SH11	37	00	75	35	21		17	15	04		0	J	17.4	R	32.32	700	20
07	11	68	12.9	RR	SH11	37	00	75	35	21		17	15	04		3	J	17.3	R	32.31	700	20
07	11	68	12.9	RR	SH11	37	00	75	35	21		17	15	04		6	J	17.3	R	32.30	700	20
07	11	68	12.9	RR	SH11	37	00	75	35	21		17	15	04		9	J	17.3	R	32.28	700	20
07	11	68	12.9	RR	SH11	37	00	75	35	21		17	15	04		12	W	17.3	R	32.30	700	20
07	11	68	12.9	RR	SH11	37	00	75	35	21		17	15	04		15	W	17.3	R	32.32	700	20
07	11	68	12.9	RR	SH11	37	00	75	35	21		17	15	04		18	W	17.2	R	32.34	700	20
07	11	68	12.9	RR	SH11	37	00	75	35	21		17	15	04		21	W	17.2	R	32.36	700	20
07	11	68	13.6	RR	SH11	37	00	75	28	26		17	17	06		0	J	17.4	R	32.43	700	25
07	11	68	13.6	RR	SH11	37	00	75	28	26		17	17	06		3	W	17.4			700	25
07	11	68	13.6	RR	SH11	37	00	75	28	26		17	17	06		6	J	17.4			700	25
07	11	68	13.6	RR	SH11	37	00	75	28	26		17	17	06		9	J	17.4			700	25
07	11	68	13.6	RR	SH11	37	00	75	28	26		17	17	06		12	W	17.3			700	25
07	11	68	13.6	RR	SH11	37	00	75	28	26		17	17	06		15	W	17.3			700	25
07	11	68	13.6	RR	SH11	37	00	75	28	26		17	17	06		18	W	17.3			700	25
07	11	68	13.6	RR	SH11	37	00	75	28	26		17	17	06		21	W	17.2			700	25
07	11	68	13.6	RR	SH11	37	00	75	28	26		17	17	06		24	W	17.2			700	25
07	11	68	14.1	RR	SH11	37	00	75	22	30		18	17	06		0	J	17.1	R	32.39	700	30
07	11	68	14.1	RR	SH11	37	00	75	22	30		18	17	06		3	W	16.9	R	32.37	700	30
07	11	68	14.1	RR	SH11	37	00	75	22	30		18	17	06		6	J	16.6	R	32.36	700	30
07	11	68	14.1	RR	SH11	37	00	75	22	30		18	17	06		9	J	16.6	R	32.31	700	30
07	11	68	14.1	RR	SH11	37	00	75	22	30		18	17	06		12	W	16.3	R	32.31	700	30
07	11	68	14.1	RR	SH11	37	00	75	22	30		18	17	06		15	W	16.2	R	32.40	700	30
07	11	68	14.1	RR	SH11	37	00	75	22	30		18	17	06		18	W	16.2	R	32.44	700	30
07	11	68	14.1	RR	SH11	37	00	75	22	30		18	17	06		21	W	16.1	R	32.44	700	30
07	11	68	14.1	RR	SH11	37	00	75	22	30		18	17	06		24	W	16.1	R	32.44	700	30
07	11	68	14.1	RR	SH11	37	00	75	22	30		18	17	06		27	W	16.0	R	32.47	700	30
07	11	68	14.1	RR	SH11	37	00	75	22	30		18	17	06		30	W	16.0			700	30
07	11	68	14.9	RR	SH11	37	00	75	16	31		18	16	06		0	J	16.7	R	32.45	700	35
07	11	68	14.9	RR	SH11	37	00	75	16	31		18	16	06		3	W	16.6			700	35
07	11	68	14.9	RR	SH11	37	00	75	16	31		18	16	06		6	J	16.2			700	35
07	11	68	14.9	RR	SH11	37	00	75	16	31		18	16	06		9	J	16.2			700	35
07	11	68	14.9	RR	SH11	37	00	75	16	31		18	16	06		12	W	16.1			700	35
07	11	68	14.9	RR	SH11	37	00	75	16	31		18	16	06		15	W	16.1			700	35
07	11	68	14.9	RR	SH11	37	00	75	16	31		18	16	06		18	W	16.1			700	35
07	11	68	14.9	RR	SH11	37	00	75	16	31		18	16	06		21	W	16.0			700	35
07	11	68	14.9	RR	SH11	37	00	75	16	31		18	16	06		24	W	16.0			700	35
07	11	68	14.9	RR	SH11	37	00	75	16	31		18	16	06		27	W	16.0			700	35
07	11	68	14.9	RR	SH11	37	00	75	16	31		18	16	06		30	W	16.0			700	35
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		0	J	16.4	R	32.66	700	40
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		3	W	16.6	R	32.69	700	40
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		6	J	17.0	R	32.83	700	40
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		9	J	17.6	R	33.02	700	40
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		12	W	17.8	R	33.63	700	40
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		15	W	17.7	R	33.65	700	40
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		18	W	17.6	R	33.64	700	40
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		21	W	17.5	R	33.61	700	40
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		24	W	17.5	R	33.62	700	40
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		27	W	17.4	R	33.61	700	40
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		30	W	17.5	R	33.62	700	40
07	11	68	15.8	RR	SH11	37	00	75	10	35		18	16	06		35	W	17.4	R	33.64	700	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		0	J	17.6	R	33.48	700	45
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		3	W	17.6			700	45
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		6	J	17.6			700	45
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		9	J	17.5			700	45
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		12	W	17.5			700	45
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		15	W	17.4			700	45
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		18	W	17.3			700	45
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		21	W	17.3			700	45
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		24	W	17.4			700	45
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		27	W	16.9			700	45
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		30	W	16.5			700	45
07	11	68	16.3	RR	SH11	37	00	75	04	39		17	16	06		35	W	16.5			700	45
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		0	J	17.5	R	33.43	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		3	W	17.5	R	33.40	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		6	J	17.4	R	33.24	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		9	J	17.4	R	33.41	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		12	W	17.2	R	33.34	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		15	W	17.0	R	33.36	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		18	W	17.0	R	33.43	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		21	W	17.0	R	33.45	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		24	W	17.0	R	33.42	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		27	W	17.0	R	33.51	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		30	W	17.0	R	33.54	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		35	W	15.9	R	33.57	700	50
07	11	68	17.2	RR	SH11	37	00	74	57	42		17	18	07		40	W	15.8	R	33.60	700	50
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		0	J	16.9	R	33.74	700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		3	W	16.9			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		6	J	17.1			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		9	J	17.1			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		12	W	17.1			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		15	W	17.1			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		18	W	17.1			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		21	W	17.1			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		24	W	17.1			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		27	W	17.1			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		30	W	17.2			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		35	W	17.3			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		40	W	16.7			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		45	W	16.1			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		50	W	15.9			700	55
07	11	68	17.9	RR	SH11	37	00	74	51	57		18	18	06		55	W	15.7			700	55
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		0	J	17.3	R	34.31	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		3	W	17.3	R	34.36	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		6	J	17.3	R	34.36	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		9	J	17.3	R	34.35	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		12	W	17.3	R	34.34	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		15	W	17.3	R	34.32	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		18	W	17.3	R	34.36	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		21	W	17.2	R	34.28	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		24	W	17.2	R	34.36	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		27	W	17.2	R	34.38	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		30	W	17.2	R	34.40	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		35	W	17.2	R	34.42	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		40	W	17.2	R	34.38	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		45	W	17.8	R	34.46	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		50	W	17.4	R	34.71	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		55	W	16.3	R	34.52	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		60	W	15.6	R	34.43	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		65	W	15.3	R	34.41	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		70	W	15.2	R	34.50	700	60
07	11	68	18.6	RR	SH11	37	00	74	45	75		18	18	06		75	W	15.2			700	60
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		0	J	17.4	R	34.28	700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		3	W	17.4			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		6	J	17.4			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		9	J	17.4			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		12	W	17.4			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		15	W	17.4			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		18	W	17.4			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		21	W	17.4			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		24	W	17.4			700	65

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		27	W	17.4			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		30	W	17.3			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		35	W	16.9			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		40	W	14.6			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		45	W	12.6			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		50	W	12.6			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		55	W	12.6			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		60	W	12.6			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		65	W	12.5			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		70	W	12.5			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		75	W	12.6			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		80	W	12.7			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		85	W	12.8			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		90	W	12.8			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		95	W	12.9			700	65
07	11	68	19.6	RR	SH11	37	00	74	39	110		18	18	07		100	W	13.0			700	65
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		0	J	18.0	R	33.76	700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		3	W	17.9			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		6	J	17.8			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		9	J	17.6			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		12	W	17.5			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		15	W	17.4			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		18	W	17.5			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		21	W	17.5			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		24	W	17.4			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		27	W	17.4			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		30	W	17.3			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		35	W	17.1			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		40	W	16.5			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		45	W	14.6			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		50	W	13.0			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		55	W	13.3			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		60	W	13.5			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		65	W	13.9			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		70	W	14.0			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		75	W	14.2			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		80	W	14.4			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		85	W	14.4			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		90	W	14.3			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		95	W	14.2			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		100	W	14.2			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		110	W	13.8			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		120	W	13.6			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		130	W	13.1			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		140	W	12.7			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		150	W	12.5			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		160	W	12.5			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		170	W	12.2			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		180	W	12.0			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		190	W	11.7			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		200	W	11.5			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		220	W	9.7			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		240	W	9.0			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		260	W	8.4			700	70
07	11	68	20.5	RR	SH11	37	00	74	32	270		18	23	08		270	W	8.3			700	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		0	J	17.2	R	33.32	650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		3	W	17.3			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		6	J	17.3			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		9	J	17.3			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		12	W	17.1			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		15	W	17.2			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		18	W	17.2			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		21	W	17.5			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		24	W	17.5			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		27	W	17.5			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		30	W	17.5			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		35	W	17.8			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		40	W	16.3			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		45	W	14.1			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		50	W	12.7			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		55	W	12.7			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		60	W	12.7			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		65	W	12.7			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		70	W	12.6			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		75	W	12.5			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		80	W	12.5			650	70

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		85	W	12.6			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		90	W	12.6			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		95	W	12.8			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		100	W	12.8			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		110	W	12.9			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		120	W	12.9			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		130	W	12.2			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		140	W	12.1			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		150	W	12.0			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		160	W	11.8			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		170	W	11.5			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		180	W	11.4			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		190	W	11.3			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		200	W	10.9			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		220	W	10.5			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		240	W	9.9			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		260	W	9.0			650	70
07	11	68	21.8	RR	SH11	36	50	74	34	1200		18	23	09		275	W	8.8			650	70
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		0	J	17.8	R	33.59	650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		3	W	17.8			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		6	J	17.8			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		9	J	17.8			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		12	W	17.8			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		15	W	17.8			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		18	W	17.7			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		21	W	17.7			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		24	W	17.6			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		27	W	17.4			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		30	W	17.1			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		35	W	16.9			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		40	W	15.7			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		45	W	13.2			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		50	W	12.7			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		55	W	12.6			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		60	W	12.6			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		65	W	12.5			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		70	W	12.5			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		75	W	12.5			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		80	W	12.5			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		85	W	12.5			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		90	W	12.5			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		95	W	12.5			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		100	W	12.8			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		110	W	13.1			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		120	W	13.1			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		130	W	12.9			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		140	W	12.8			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		150	W	12.8			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		160	W	12.8			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		170	W	12.6			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		180	W	12.4			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		190	W	12.4			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		200	W	11.9			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		220	W	11.2			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		240	W	10.5			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		260	W	9.5			650	65
07	11	68	22.5	RR	SH11	36	50	74	51	510		18	22	08		275	W	8.3			650	65
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		0	J	17.2	R	34.47	650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		3	W	17.3			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		6	J	17.3			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		9	J	17.3			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		12	W	17.3			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		15	W	17.3			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		18	W	17.2			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		21	W	17.2			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		24	W	17.2			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		27	W	17.2			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		30	W	16.4			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		35	W	15.7			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		40	W	14.3			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		45	W	13.5			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		50	W	13.0			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		55	W	13.0			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		60	W	13.0			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		65	W	13.0			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		70	W	13.0			650	60

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH	TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY	SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	DIRECTION CODE	VELOCITY M/SEC.	SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	INSTR.	°C	INSTR.	‰	STATION DESIGNATION	
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		75	W	13.0			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		80	W	13.0			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		85	W	13.0			650	60
08	11	68	06.1	RR	SH11	36	50	74	57	90		14	27	11		90	W	13.0			650	60
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		0	J	17.0	R	33.52	650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		3	6	7			650	55
08	11	68	09.6	RR	SH11	36	50	74	51	45		16	27	11		6	J	17.0			650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		9	J	17.1			650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		12	W	17.1			650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		15	W	17.1			650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		18	W	17.2			650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		21	W	17.5			650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		24	W	17.6			650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		27	W	17.7			650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		30	W	17.2			650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		35	W	17.1			650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		40	W	17.0			650	55
08	11	68	07.6	RR	SH11	36	50	74	51	45		16	27	11		45	W	16.9			650	55
08	11	68	08.7	RR	SH11	36	50	74	57	35		16	27	09		0	J	17.1	R	33.64	650	50
08	11	68	08.7	RR	SH11	36	50	74	57	35		16	27	09		3	W	17.1			650	50
08	11	68	08.7	RR	SH11	36	50	74	57	35		16	27	09		6	J	17.1			650	50
08	11	68	08.7	RR	SH11	36	50	74	57	35		16	27	09		9	J	17.1			650	50
08	11	68	08.7	RR	SH11	36	50	74	57	35		16	27	09		12	W	17.1			650	50
08	11	68	08.7	RR	SH11	36	50	74	57	35		16	27	09		15	W	16.6			650	50
08	11	68	08.7	RR	SH11	36	50	74	57	35		16	27	09		18	W	16.2			650	50
08	11	68	08.7	RR	SH11	36	50	74	57	35		16	27	09		21	W	16.2			650	50
08	11	68	08.7	RR	SH11	36	50	74	57	35		16	27	09		24	W	16.2			650	50
08	11	68	08.7	RR	SH11	36	50	74	57	35		16	27	09		27	W	16.2			650	50
08	11	68	08.7	RR	SH11	36	50	74	57	35		16	27	09		30	W	16.2			650	50
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		0	J	17.4			650	45
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		3	W	17.4			650	45
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		6	J	17.3			650	45
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		9	J	17.4			650	45
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		12	W	17.4			650	45
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		15	W	17.4			650	45
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		18	W	17.3			650	45
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		21	W	17.3			650	45
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		24	W	17.3			650	45
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		27	W	17.3			650	45
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		30	W	17.3			650	45
08	11	68	09.3	RR	SH11	36	50	75	04	35		16	27	18		35	W	17.3			650	45
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		0	J	16.5	R	32.85	650	40
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		3	W	16.5			650	40
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		6	J	16.5			650	40
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		9	J	16.5			650	40
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		12	W	16.4			650	40
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		15	W	16.4			650	40
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		18	W	16.4			650	40
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		21	W	16.4			650	40
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		24	W	16.4			650	40
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		27	W	16.4			650	40
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		30	W	16.3			650	40
08	11	68	09.9	RR	SH11	36	50	75	10	36		14	29	20		35	W	16.3			650	40
08	11	68	10.7	RR	SH11	36	50	75	16	30		14	29	22		0	J	16.7	R	32.65	650	35
08	11	68	10.7	RR	SH11	36	50	75	16	30		14	29	22		3	W	16.7			650	35
08	11	68	10.7	RR	SH11	36	50	75	16	30		14	29	22		6	J	16.7			650	35
08	11	68	10.7	RR	SH11	36	50	75	16	30		14	29	22		9	J	16.7			650	35
08	11	68	10.7	RR	SH11	36	50	75	16	30		14	29	22		12	W	16.6			650	35
08	11	68	10.7	RR	SH11	36	50	75	16	30		14	29	22		15	W	16.6			650	35
08	11	68	10.7	RR	SH11	36	50	75	16	30		14	29	22		18	W	16.6			650	35
08	11	68	10.7	RR	SH11	36	50	75	16	30		14	29	22		21	W	16.6			650	35
08	11	68	10.7	RR	SH11	36	50	75	16	30		14	29	22		24	W	16.6			650	35
08	11	68	10.7	RR	SH11	36	50	75	16	30		14	29	22		27	W	16.6			650	35
08	11	68	10.7	RR	SH11	36	50	75	16	30		14	29	22		30	W	16.6			650	35
08	11	68	11.5	RR	SH11	36	50	75	23	27		14	29	11		0	J	16.7			650	30

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰		
08	11	68	11.5	RR	SH11	36	50	75	23	27			14	29	11			3	W	16.7			650	30
08	11	68	11.5	RR	SH11	36	50	75	23	27			14	29	11			6	J	16.7			650	30
08	11	68	11.5	RR	SH11	36	50	75	23	27			14	29	11			9	J	16.7			650	30
08	11	68	11.5	RR	SH11	36	50	75	23	27			14	29	11			12	W	16.7			650	30
08	11	68	11.5	RR	SH11	36	50	75	23	27			14	29	11			15	W	16.6			650	30
08	11	68	11.5	RR	SH11	36	50	75	23	27			14	29	11			18	W	16.6			650	30
08	11	68	11.5	RR	SH11	36	50	75	23	27			14	29	11			21	W	16.6			650	30
08	11	68	11.5	RR	SH11	36	50	75	23	27			14	29	11			24	W	16.6			650	30
08	11	68	11.5	RR	SH11	36	50	75	23	27			14	29	11			27	W	16.6			650	30
08	11	68	12.1	RR	SH11	36	50	75	29	21			14	29	10			0	J	16.9	R	32.60	650	25
08	11	68	12.1	RR	SH11	36	50	75	29	21			14	29	10			3	W	16.9			650	25
08	11	68	12.1	RR	SH11	36	50	75	29	21			14	29	10			6	J	16.9			650	25
08	11	68	12.1	RR	SH11	36	50	75	29	21			14	29	10			9	J	17.0			650	25
08	11	68	12.1	RR	SH11	36	50	75	29	21			14	29	10			12	W	17.0			650	25
08	11	68	12.1	RR	SH11	36	50	75	29	21			14	29	10			15	W	16.9			650	25
08	11	68	12.1	RR	SH11	36	50	75	29	21			14	29	10			18	W	16.9			650	25
08	11	68	12.1	RR	SH11	36	50	75	29	21			14	29	10			21	W	16.8			650	25
08	11	68	12.7	RR	SH11	36	50	75	35	18			14	29	10			0	J	17.3	R	35.58	650	20
08	11	68	12.7	RR	SH11	36	50	75	35	18			14	29	10			3	W	17.3			650	20
08	11	68	12.7	RR	SH11	36	50	75	35	18			14	29	10			6	J	17.3			650	20
08	11	68	12.7	RR	SH11	36	50	75	35	18			14	29	10			9	J	17.3			650	20
08	11	68	12.7	RR	SH11	36	50	75	35	18			14	29	10			12	W	17.3			650	20
08	11	68	12.7	RR	SH11	36	50	75	35	18			14	29	10			15	W	17.3			650	20
08	11	68	12.7	RR	SH11	36	50	75	35	18			14	29	10			18	W	17.3			650	20
08	11	68	13.5	RR	SH11	36	50	75	41	21			14	29	10			0	J	17.2	R	32.36	650	15
08	11	68	13.5	RR	SH11	36	50	75	41	21			14	29	10			3	W	17.2			650	15
08	11	68	13.5	RR	SH11	36	50	75	41	21			14	29	10			6	J	17.25			650	15
08	11	68	13.5	RR	SH11	36	50	75	41	21			14	29	10			9	J	17.3			650	15
08	11	68	13.5	RR	SH11	36	50	75	41	21			14	29	10			12	W	17.2			650	15
08	11	68	13.5	RR	SH11	36	50	75	41	21			14	29	10			15	W	17.2			650	15
08	11	68	13.5	RR	SH11	36	50	75	41	21			14	29	10			18	W	17.2			650	15
08	11	68	13.5	RR	SH11	36	50	75	41	21			14	29	10			21	W	17.2			650	15
08	11	68	14.2	RR	SH11	36	50	74	47	15			15	30	10			0	J	17.1	R	31.48	650	10
08	11	68	14.2	RR	SH11	36	50	74	47	15			15	30	10			3	W	17.1			650	10
08	11	68	14.2	RR	SH11	36	50	74	47	15			15	30	10			6	J	17.1			650	10
08	11	68	14.2	RR	SH11	36	50	74	47	15			15	30	10			9	J	17.1			650	10
08	11	68	14.2	RR	SH11	36	50	74	47	15			15	30	10			12	J	17.1			650	10
08	11	68	14.2	RR	SH11	36	50	74	47	15			15	30	10			15	W	17.4			650	10

SHS 1-69 10 and 11 March 1969

Stations Sampled

640-50	650-50	659-50	710-52
640-55	650-60	659-55	710-55
640-60	650-65	659-60	710-60
640-65	650-70	659-65	710-65
640-70	650-76	659-68	710-69
640-75		659-75	710-75
649-57		659-80	710-80
		659-85	
		659-90	
		659-95	

Sampling Sequence

Date	Time	Station
10 March	07.4	659-50
	08.0	659-55
	08.5	659-60
	09.0	659-65
	10.1	659-68
	11.6	659-75
	12.9	659-80
	13.2	659-85
	13.8	659-90
	14.6	659-95
	19.4	710-80
	20.0	710-75
	20.8	710-69
	21.4	710-65
	21.9	710-60
	22.4	710-55
	23.0	710-52

Date	Time	Station
11 March	10.4	650-50
	11.3	649-57
	12.1	650-60
	12.4	650-65
	13.1	650-70
	13.6	650-76
	14.8	640-75
	15.4	640-70
	15.9	640-65
	16.6	640-60
	17.1	640-55
	17.6	640-50

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
10	03	69	07.4	RR	SH01	36	59	74	57	43			02	31	17			0	Y	5.5			659	50
10	03	69	07.4	RR	SH01	36	59	74	57	43			02	31	17			5	Y	5.5			659	50
10	03	69	07.4	RR	SH01	36	59	74	57	43			02	31	17			10	Y	5.5			659	50
10	03	69	07.4	RR	SH01	36	59	74	57	43			02	31	17			15	Y	5.6			659	50
10	03	69	07.4	RR	SH01	36	59	74	57	43			02	31	17			20	Y	5.6			659	50
10	03	69	07.4	RR	SH01	36	59	74	57	43			02	31	17			25	Y	5.6			659	50
10	03	69	07.4	RR	SH01	36	59	74	57	43			02	31	17			30	Y	5.6			659	50
10	03	69	07.4	RR	SH01	36	59	74	57	43			02	31	17			35	Y	5.6			659	50
10	03	69	07.4	RR	SH01	36	59	74	57	43			02	31	17			40	Y	5.6			659	50
10	03	69	08.0	RR	SH01	36	59	74	51	55			02	31	17			5	Y	5.6			659	55
10	03	69	08.0	RR	SH01	36	59	74	51	55			02	31	17			10	Y	5.6			659	55
10	03	69	08.0	RR	SH01	36	59	74	51	55			02	31	17			15	Y	5.6			659	55
10	03	69	08.0	RR	SH01	36	59	74	51	55			02	31	17			20	Y	5.6			659	55
10	03	69	08.0	RR	SH01	36	59	74	51	55			02	31	17			25	Y	5.5			659	55
10	03	69	08.0	RR	SH01	36	59	74	51	55			02	31	17			30	Y	5.5			659	55
10	03	69	08.0	RR	SH01	36	59	74	51	55			02	31	17			35	Y	5.5			659	55
10	03	69	08.0	RR	SH01	36	59	74	51	55			02	31	17			40	Y	5.6			659	55
10	03	69	08.0	RR	SH01	36	59	74	51	55			02	31	17			45	Y	5.6			659	55
10	03	69	08.0	RR	SH01	36	59	74	51	55			02	31	17			50	Y	5.6			659	55
10	03	69	08.0	RR	SH01	36	59	74	51	55			02	31	17			55	Y	5.6			659	55
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			0	Y	5.6			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			5	Y	5.6			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			10	Y	5.7			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			15	Y	5.7			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			20	Y	5.7			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			25	Y	5.7			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			30	Y	5.7			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			35	Y	5.7			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			40	Y	5.7			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			45	Y	5.7			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			50	Y	5.8			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			55	Y	5.9			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			60	Y	6.2			659	60
10	03	69	08.5	RR	SH01	36	59	74	45	99			02	31	17			65	Y	6.7			659	60
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			0	Y	7.6			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			5	Y	7.5			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			10	Y	7.7			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			15	Y	8.0			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			20	Y	7.8			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			25	Y	8.3			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			30	Y	8.4			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			35	Y	8.4			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			40	Y	8.4			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			45	Y	8.6			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			50	Y	8.7			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			55	Y	8.7			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			60	Y	8.8			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			65	Y	8.9			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			70	Y	8.9			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			75	Y	9.0			659	65
10	03	69	09.0	RR	SH01	36	59	74	39	110			02	31	17			80	Y	9.0			659	65
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			0	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			5	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			10	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			15	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			20	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			25	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			30	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			35	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			40	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			45	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			50	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			55	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			60	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			65	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			70	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			75	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			80	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			85	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910			09	31	16			90	Y	10.8			659	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		95	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		100	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		110	Y	10.8			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		120	Y	10.9			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		130	Y	11.0			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		140	Y	11.1			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		150	Y	11.2			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		160	Y	11.2			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		170	Y	11.2			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		180	Y	11.2			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		190	Y	11.2			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		200	Y	11.2			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		220	Y	11.2			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		240	Y	11.2			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		260	Y	11.2			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		280	Y	10.7			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		300	Y	10.0			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		320	Y	9.1			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		340	Y	8.2			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		360	Y	8.1			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		380	Y	7.6			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		400	Y	7.1			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		420	Y	6.6			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		440	Y	6.4			659	68
10	03	69	10.1	RR	SH01	36	54	74	34	910		09	31	16		460	Y	6.3			659	68
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		0	Y	11.0			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		5	Y	11.0			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		10	Y	11.0			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		15	Y	11.0			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		20	Y	11.0			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		25	Y	11.0			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		30	Y	11.0			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		35	Y	11.0			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		40	Y	11.0			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		45	Y	11.0			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		50	Y	11.0			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		55	Y	11.1			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		60	Y	11.1			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		65	Y	11.1			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		70	Y	11.1			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		75	Y	11.1			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		80	Y	11.1			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		85	Y	11.1			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		90	Y	11.3			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		95	Y	11.3			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		100	Y	11.3			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		110	Y	11.4			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		120	Y	11.4			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		130	Y	11.4			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		140	Y	11.4			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		150	Y	11.4			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		160	Y	11.3			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		170	Y	11.3			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		180	Y	11.3			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		190	Y	11.3			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		200	Y	11.3			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		220	Y	11.3			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		240	Y	10.6			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		260	Y	9.9			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		280	Y	10.4			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		300	Y	8.9			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		320	Y	8.6			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		340	Y	7.7			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		360	Y	7.3			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		380	Y	6.8			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		400	Y	6.6			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		420	Y	6.4			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		440	Y	6.2			659	75
10	03	69	11.6	RR	SH01	36	59	74	26	1800		09	31	16		460	Y	5.9			659	75
10	03	69	12.9	RR	SH01	36	59	74	20	1800		03	31	16		0	Y	15.3			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800		03	31	16		5	Y	13.3			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800		03	31	16		10	Y	12.8			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800		03	31	16		15	Y	12.3			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800		03	31	16		20	Y	12.1			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800		03	31	16		25	Y	12.1			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800		03	31	16		30	Y	12.1			659	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			35	Y	12.5			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			40	Y	12.4			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			45	Y	12.4			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			50	Y	12.4			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			55	Y	12.5			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			60	Y	12.6			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			65	Y	12.7			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			70	Y	12.7			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			75	Y	13.0			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			80	Y	13.2			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			85	Y	13.1			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			90	Y	13.0			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			95	Y	13.0			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			100	Y	13.0			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			110	Y	13.0			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			120	Y	13.0			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			130	Y	13.0			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			140	Y	13.0			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			150	Y	13.0			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			160	Y	13.0			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			170	Y	13.0			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			180	Y	12.8			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			190	Y	12.3			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			200	Y	12.1			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			220	Y	11.7			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			240	Y	11.3			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			260	Y	10.9			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			280	Y	10.6			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			300	Y	10.4			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			320	Y	9.8			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			340	Y	9.6			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			360	Y	9.4			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			380	Y	9.3			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			400	Y	10.5			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			420	Y	12.1			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			440	Y	11.8			659	80
10	03	69	12.9	RR	SH01	36	59	74	20	1800			03	31	16			460	Y	12.0			659	80
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			0	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			5	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			10	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			15	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			20	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			25	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			30	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			35	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			40	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			45	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			50	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			55	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			60	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			65	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			70	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			75	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			80	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			85	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			90	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			95	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			100	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			110	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			120	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			130	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			140	Y	11.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			150	Y	10.5			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			160	Y	10.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			170	Y	10.2			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			180	Y	10.2			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			190	Y	10.2			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			200	Y	10.1			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			220	Y	9.8			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			240	Y	9.8			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			260	Y	8.6			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			280	Y	8.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			300	Y	7.7			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			320	Y	7.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			340	Y	6.9			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			360	Y	6.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			380	Y	6.3			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			400	Y	6.1			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			420	Y	5.8			659	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			440	Y	5.5			659	85
10	03	69	13.2	RR	SH01	36	59	74	13	000			04	31	16			460	Y	5.4			659	85
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			0	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			5	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			10	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			15	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			20	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			25	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			30	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			35	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			40	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			45	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			50	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			55	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			60	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			65	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			70	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			75	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			80	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			85	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			90	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			95	Y	12.7			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			100	Y	12.6			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			110	Y	12.6			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			120	Y	12.1			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			130	Y	11.8			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			140	Y	11.6			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			150	Y	11.3			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			160	Y	11.1			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			170	Y	10.8			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			180	Y	10.5			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			190	Y	10.2			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			200	Y	10.0			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			220	Y	9.5			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			240	Y	9.2			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			260	Y	8.3			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			280	Y	7.8			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			300	Y	7.2			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			320	Y	6.8			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			340	Y	6.6			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			360	Y	6.4			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			380	Y	6.3			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			400	Y	6.1			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			420	Y	6.0			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			440	Y	5.8			659	90
10	03	69	13.8	RR	SH01	36	59	74	07	000			04	30	16			460	Y	5.7			659	90
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			0	Y	12.6			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			5	Y	12.6			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			10	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			15	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			20	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			25	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			30	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			35	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			40	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			45	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			50	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			55	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			60	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			65	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			70	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			75	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			80	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			85	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			90	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			95	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			100	Y	12.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			110	Y	12.6			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			120	Y	12.6			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			130	Y	12.6			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			140	Y	12.3			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			150	Y	11.5			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			160	Y	11.2			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			170	Y	10.8			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			180	Y	10.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			190	Y	10.7			659	95

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			200	Y	10.5			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			220	Y	9.4			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			240	Y	8.8			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			260	Y	8.3			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			280	Y	8.0			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			300	Y	7.6			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			320	Y	6.9			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			340	Y	6.6			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			360	Y	6.2			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			380	Y	6.0			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			400	Y	5.8			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			420	Y	5.7			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			440	Y	5.8			659	95
10	03	69	14.6	RR	SH01	36	59	74	01	300			04	30	16			460	Y	7.0			659	95
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			0	Y	10.6			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			5	Y	10.6			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			10	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			15	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			20	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			25	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			30	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			35	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			40	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			45	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			50	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			55	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			60	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			65	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			70	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			75	Y	10.8			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			80	Y	10.8			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			85	Y	10.8			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			90	Y	10.8			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			95	Y	10.8			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			100	Y	10.8			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			110	Y	10.8			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			120	Y	10.9			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			130	Y	11.0			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			140	Y	11.0			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			150	Y	11.1			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			160	Y	11.1			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			170	Y	11.4			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			180	Y	11.5			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			190	Y	11.6			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			200	Y	11.4			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			220	Y	11.1			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			240	Y	10.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			260	Y	9.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			280	Y	8.5			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			300	Y	8.3			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			320	Y	7.8			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			340	Y	7.5			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			360	Y	7.1			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			380	Y	6.9			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			400	Y	6.7			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			420	Y	6.4			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			440	Y	6.1			710	80
10	03	69	19.4	RR	SH01	37	10	74	20	100			05	28	15			460	Y	5.9			710	80
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			0	J	10.7	R	34.81	710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			5	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			10	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			15	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			20	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			25	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			30	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			35	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			40	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			45	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			50	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			55	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			60	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			65	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			70	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			75	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			80	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			85	Y	10.7			710	75

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			90	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			95	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			100	Y	10.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			110	Y	10.8			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			120	Y	10.9			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			130	Y	10.9			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			140	Y	11.0			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			150	Y	11.2			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			160	Y	11.2			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			170	Y	11.3			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			180	Y	11.4			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			190	Y	11.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			200	Y	11.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			220	Y	11.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			240	Y	12.0			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			260	Y	11.2			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			280	Y	10.4			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			300	Y	9.3			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			320	Y	9.1			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			340	Y	8.1			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			360	Y	7.7			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			380	Y	7.3			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			400	Y	7.1			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			420	Y	6.3			710	75
10	03	69	20.0	RR	SH01	37	10	74	26	1200			06	28	15			440	Y	6.2			710	75
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			0	J	10.6	R	34.85	710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			5	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			10	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			15	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			20	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			25	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			30	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			35	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			40	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			45	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			50	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			55	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			60	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			65	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			70	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			75	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			80	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			85	Y	10.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			90	Y	10.7			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			95	Y	10.7			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			100	Y	10.7			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			110	Y	10.7			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			120	Y	11.2			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			130	Y	11.2			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			140	Y	13.7			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			150	Y	14.5			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			160	Y	14.5			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			170	Y	14.3			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			180	Y	14.2			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			190	Y	14.1			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			200	Y	13.8			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			220	Y	13.8			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			240	Y	12.8			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			260	Y	12.2			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			280	Y	11.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			300	Y	11.1			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			320	Y	9.6			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			340	Y	9.2			710	69
10	03	69	20.8	RR	SH01	37	10	74	33	380			06	31	14			360	Y	8.8			710	69
10	03	69	21.4	RR	SH01	37	10	74	39	92			06	31	14			0	J	9.9	R	34.66	710	65
10	03	69	21.4	RR	SH01	37	10	74	39	92			06	31	14			5	Y	9.9			710	65
10	03	69	21.4	RR	SH01	37	10	74	39	92			06	31	14			10	Y	10.0			710	65
10	03	69	21.4	RR	SH01	37	10	74	39	92			06	31	14			15	Y	10.0			710	65
10	03	69	21.4	RR	SH01	37	10	74	39	92			06	31	14			20	Y	10.0			710	65
10	03	69	21.4	RR	SH01	37	10	74	39	92			06	31	14			25	Y	10.1			710	65
10	03	69	21.4	RR	SH01	37	10	74	39	92			06	31	14			30	Y	10.1			710	65
10	03	69	21.4	RR	SH01	37	10	74	39	92			06	31	14			35	Y	10.2			710	65
10	03	69	21.4	RR	SH01	37	10	74	39	92			06	31	14			40	Y	10.2			710	65
10	03	69	21.4	RR	SH01	37	10	74	39	92			06	31	14			45	Y	10.2			710	65

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			0	J	7.0	R	33.61	710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			5	Y	7.0			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			10	Y	7.0			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			15	Y	7.0			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			20	Y	7.1			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			25	Y	7.4			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			30	Y	8.6			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			35	Y	8.8			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			40	Y	9.0			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			45	Y	9.0			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			50	Y	9.1			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			55	Y	9.3			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			60	Y	9.6			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			65	Y	9.7			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			70	Y	10.0			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			75	Y	10.0			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			80	Y	10.0			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			85	Y	10.0			710	60
10	03	69	21.9	RR	SH01	37	10	74	45	90			05	32	14			90	Y	10.0			710	60
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			0	J	6.2	R	34.65	710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			5	Y	6.2			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			10	Y	6.2			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			15	Y	6.2			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			20	Y	6.2			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			25	Y	6.2			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			30	Y	6.3			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			35	Y	6.3			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			40	Y	6.4			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			45	Y	6.4			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			50	Y	6.4			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			55	Y	6.5			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			60	Y	6.7			710	55
10	03	69	22.4	RR	SH01	37	10	74	50	65			05	31	14			65	Y	6.7			710	55
10	03	69	23.0	RR	SH01	37	10	74	55	45			04	31	12			0	J	5.2	R	33.11	710	52
10	03	69	23.0	RR	SH01	37	10	74	55	45			04	31	12			5	Y	5.3			710	52
10	03	69	23.0	RR	SH01	37	10	74	55	45			04	31	12			10	Y	5.4			710	52
10	03	69	23.0	RR	SH01	37	10	74	55	45			04	31	12			15	Y	5.5			710	52
10	03	69	23.0	RR	SH01	37	10	74	55	45			04	31	12			20	Y	5.4			710	52
10	03	69	23.0	RR	SH01	37	10	74	55	45			04	31	12			25	Y	5.4			710	52
10	03	69	23.0	RR	SH01	37	10	74	55	45			04	31	12			30	Y	5.4			710	52
10	03	69	23.0	RR	SH01	37	10	74	55	45			04	31	12			35	Y	5.5			710	52
10	03	69	23.0	RR	SH01	37	10	74	55	45			04	31	12			40	Y	5.5			710	52
10	03	69	23.0	RR	SH01	37	10	74	55	45			04	31	12			45	Y	5.9			710	52
11	03	69	10.4	RR	SH01	36	50	74	57	35			03	29	10			0	J	5.6	R	33.19	650	50
11	03	69	10.4	RR	SH01	36	50	74	57	35			03	29	10			5	Y	5.6			650	50
11	03	69	10.4	RR	SH01	36	50	74	57	35			03	29	10			10	Y	5.6			650	50
11	03	69	10.4	RR	SH01	36	50	74	57	35			03	29	10			15	Y	5.6			650	50
11	03	69	10.4	RR	SH01	36	50	74	57	35			03	29	10			20	Y	5.6			650	50
11	03	69	10.4	RR	SH01	36	50	74	57	35			03	29	10			25	Y	5.6			650	50
11	03	69	10.4	RR	SH01	36	50	74	57	35			03	29	10			30	Y	5.6			650	50
11	03	69	10.4	RR	SH01	36	50	74	57	35			03	29	10			35	Y	5.6			650	50
11	03	69	11.3	RR	SH01	36	49	74	49	50			02	34	12			0	J	5.4	R	33.19	649	57
11	03	69	11.3	RR	SH01	36	49	74	49	50			02	34	12			5	Y	5.4			649	57
11	03	69	11.3	RR	SH01	36	49	74	49	50			02	34	12			10	Y	5.4			649	57
11	03	69	11.3	RR	SH01	36	49	74	49	50			02	34	12			15	Y	5.5			649	57
11	03	69	11.3	RR	SH01	36	49	74	49	50			02	34	12			20	Y	5.5			649	57
11	03	69	11.3	RR	SH01	36	49	74	49	50			02	34	12			25	Y	5.5			649	57
11	03	69	11.3	RR	SH01	36	49	74	49	50			02	34	12			30	Y	5.5			649	57
11	03	69	11.3	RR	SH01	36	49	74	49	50			02	34	12			35	Y	5.5			649	57
11	03	69	11.3	RR	SH01	36	49	74	49	50			02	34	12			40	Y	5.5			649	57
11	03	69	11.3	RR	SH01	36	49	74	49	50			02	34	12			45	Y	5.7			649	57
11	03	69	11.3	RR	SH01	36	49	74	49	50			02	34	12			50	Y	5.9			649	57
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			0	J	6.9	R	33.62	650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			5	Y	6.9			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			10	Y	6.9			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			15	Y	7.2			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			20	Y	7.3			650	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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			25	Y	7.4			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			30	Y	7.5			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			35	Y	7.9			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			40	Y	8.2			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			45	Y	8.2			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			50	Y	8.3			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			55	Y	8.3			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			60	Y	8.3			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			65	Y	8.4			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			70	Y	8.4			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			75	Y	8.5			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			80	Y	8.8			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			85	Y	9.5			650	60
11	03	69	12.1	RR	SH01	36	50	74	45	90			03	33	14			90	Y	9.8			650	60
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			0	U	10.5	R	34.65	650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			5	Y	10.5			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			10	Y	10.5			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			15	Y	10.5			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			20	Y	10.6			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			25	Y	10.7			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			30	Y	10.9			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			35	Y	10.9			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			40	Y	11.0			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			45	Y	11.1			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			50	Y	11.1			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			55	Y	11.1			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			60	Y	11.2			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			65	Y	11.2			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			70	Y	11.2			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			75	Y	11.2			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			80	Y	11.2			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			85	Y	11.3			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			90	Y	11.3			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			95	Y	11.3			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			100	Y	11.3			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			110	Y	11.3			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			120	Y	11.4			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			130	Y	11.4			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			140	Y	11.4			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			150	Y	11.4			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			160	Y	11.4			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			170	Y	11.5			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			180	Y	11.5			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			190	Y	11.6			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			200	Y	11.7			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			220	Y	12.0			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			240	Y	11.9			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			260	Y	11.7			650	65
11	03	69	12.4	RR	SH01	36	50	74	39	510			03	32	12			280	Y	11.7			650	65
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			0	J	10.8	R	34.92	650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			5	Y	10.8			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			10	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			15	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			20	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			25	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			30	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			35	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			40	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			45	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			50	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			55	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			60	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			65	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			70	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			75	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			80	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			85	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			90	Y	10.9			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			95	Y	11.0			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			100	Y	11.0			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			110	Y	11.0			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			120	Y	11.1			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			130	Y	11.3			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			140	Y	11.3			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			150	Y	11.3			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400			03	31	13			160	Y	11.3			650	70

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		170	Y	11.2			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		180	Y	11.2			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		190	Y	11.2			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		200	Y	11.2			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		220	Y	11.2			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		240	Y	10.7			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		260	Y	10.5			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		280	Y	9.8			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		300	Y	9.5			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		320	Y	9.0			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		340	Y	8.3			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		360	Y	7.7			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		380	Y	7.2			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		400	Y	6.6			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		420	Y	6.4			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		440	Y	6.2			650	70
11	03	69	13.1	RR	SH01	36	50	74	32	1400		03	31	13		460	Y	6.1			650	70
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		0	J	10.8	R	34.95	650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		5	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		10	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		15	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		20	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		25	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		30	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		35	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		40	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		45	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		50	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		55	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		60	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		65	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		70	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		75	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		80	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		85	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		90	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		95	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		100	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		110	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		120	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		130	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		140	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		150	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		160	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		170	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		180	Y	10.8			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		190	Y	10.7			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		200	Y	10.4			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		220	Y	10.1			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		240	Y	9.5			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		260	Y	9.1			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		280	Y	8.3			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		300	Y	8.0			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		320	Y	9.0			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		340	Y	9.3			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		360	Y	9.2			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		380	Y	9.0			650	76
11	03	69	13.6	RR	SH01	36	50	74	25	600		03	30	13		400	Y	8.9			650	76
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		0	J	12.0	R	35.28	640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		5	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		10	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		15	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		20	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		25	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		30	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		35	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		40	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		45	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		50	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		55	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		60	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		65	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		70	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		75	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		80	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		85	Y	12.0			640	75

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		90	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		95	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		100	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		110	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		120	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		130	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		140	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		150	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		160	Y	12.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		170	Y	11.8			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		180	Y	11.2			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		190	Y	10.4			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		200	Y	10.3			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		220	Y	10.1			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		240	Y	9.7			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		260	Y	8.9			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		280	Y	8.5			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		300	Y	8.3			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		320	Y	8.6			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		340	Y	7.3			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		360	Y	6.8			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		380	Y	6.3			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		400	Y	6.0			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		420	Y	5.9			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		440	Y	5.8			640	75
11	03	69	14.8	RR	SH01	36	40	74	26	1500		03	31	13		460	Y	5.6			640	75
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		0	J	10.7	R	34.99	640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		5	Y	10.7			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		10	Y	10.7			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		15	Y	10.7			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		20	Y	10.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		25	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		30	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		35	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		40	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		45	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		50	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		55	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		60	Y	10.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		65	Y	10.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		70	Y	10.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		75	Y	10.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		80	Y	10.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		85	Y	10.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		90	Y	10.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		95	Y	10.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		100	Y	10.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		110	Y	10.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		120	Y	11.0			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		130	Y	11.0			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		140	Y	11.0			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		150	Y	11.0			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		160	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		170	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		180	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		190	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		200	Y	10.9			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		220	Y	10.6			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		240	Y	10.5			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		268	Y	10.0			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		280	Y	9.0			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		300	Y	8.7			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		320	Y	8.0			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		340	Y	7.8			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		360	Y	7.4			640	70
11	03	69	15.4	RR	SH01	36	40	74	32	1500		03	31	14		380	Y	6.7			640	70
11	03	69	15.9	RR	SH01	36	40	74	39	910		03	31	14		0	J	11.0	R	35.06	640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910		03	31	14		5	Y	11.0			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910		03	31	14		10	Y	11.0			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910		03	31	14		15	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910		03	31	14		20	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910		03	31	14		25	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910		03	31	14		30	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910		03	31	14		35	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910		03	31	14		40	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910		03	31	14		45	Y	11.1			640	65

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			50	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			55	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			60	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			65	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			70	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			75	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			80	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			85	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			90	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			95	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			100	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			110	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			120	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			130	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			140	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			150	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			160	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			170	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			180	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			190	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			200	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			220	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			240	Y	11.1			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			260	Y	11.2			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			280	Y	10.9			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			300	Y	10.4			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			320	Y	9.7			640	65
11	03	69	15.9	RR	SH01	36	40	74	39	910			03	31	14			340	Y	9.1			640	65
11	03	69	16.6	RR	SH01	36	40	74	45	80			03	31	12			0	J	8.2	R	34.14	640	60
11	03	69	16.6	RR	SH01	36	40	74	45	80			03	31	12			5	Y	8.2			640	60
11	03	69	16.6	RR	SH01	36	40	74	45	80			03	31	12			10	Y	8.2			640	60
11	03	69	16.6	RR	SH01	36	40	74	45	80			03	31	12			15	Y	8.2			640	60
11	03	69	16.6	RR	SH01	36	40	74	45	80			03	31	12			20	Y	8.3			640	60
11	03	69	17.1	RR	SH01	36	40	74	51	30			04	30	11			0	J	5.6	R	33.34	640	55
11	03	69	17.1	RR	SH01	36	40	74	51	30			04	30	11			5	Y	5.6			640	55
11	03	69	17.1	RR	SH01	36	40	74	51	30			04	30	11			10	Y	5.9			640	55
11	03	69	17.1	RR	SH01	36	40	74	51	30			04	30	11			15	Y	5.9			640	55
11	03	69	17.1	RR	SH01	36	40	74	51	30			04	30	11			20	Y	5.9			640	55
11	03	69	17.1	RR	SH01	36	40	74	51	30			04	30	11			25	Y	5.9			640	55
11	03	69	17.1	RR	SH01	36	40	74	51	30			04	30	11			30	Y	5.9			640	55
11	03	69	17.6	RR	SH01	36	40	74	57	31			04	30	11			0	J	5.3			640	50
11	03	69	17.6	RR	SH01	36	40	74	57	31			04	30	11			5	Y	5.3			640	50
11	03	69	17.6	RR	SH01	36	40	74	57	31			04	30	11			10	Y	5.3			640	50
11	03	69	17.6	RR	SH01	36	40	74	57	31			04	30	11			15	Y	5.3			640	50
11	03	69	17.6	RR	SH01	36	40	74	57	31			04	30	11			20	Y	5.3			640	50
11	03	69	17.6	RR	SH01	36	40	74	57	31			04	30	11			25	Y	6.0			640	50
11	03	69	17.6	RR	SH01	36	40	74	57	31			04	30	11			30	Y	5.8			640	50

SHS 2-69 2 to 4 April 1969

Stations Sampled

650-10	650-95	659-35	659-110
650-15	650-100	659-40	659-115
650-20	650-105	659-45	659-120
650-25	650-110	659-50	659-125
650-30	650-115	659-55	659-130
650-35	650-120	659-60	659-135
650-40	650-125	659-65	659-140
650-45	650-130	659-70	659-145
650-50	650-135	659-75	700-20
650-55	650-140	659-80	700-25
650-60	650-145	659-85	700-30
650-65		659-90	701-10
650-70		659-95	701-15
650-75		659-100	
650-80		659-105	
650-85			
650-90			

Sampling Sequence

Date	Time	Station	Date	Time	Station
2 April	11.1	701-10	3 April	12.0	650-145
	12.0	701-15		12.4	650-140
	12.5	700-20		12.7	650-135
	13.2	700-25		13.3	650-130
	14.0	700-30		13.8	650-125
	14.7	659-35		14.3	650-120
	15.3	659-40		14.7	650-115
	16.2	659-45		15.2	650-110
	16.8	659-50		15.7	650-105
	17.7	659-55		16.1	650-100
	19.0	659-60		16.6	650-95
	20.2	659-65		17.1	650-90
	21.6	659-70		17.5	650-85
	23.6	659-75		17.9	650-80
3 April	00.2	659-80		18.3	650-75
	02.5	659-85		18.7	650-70
	03.5	659-90		19.2	650-65
	05.5	659-95		19.8	650-60
	06.0	659-100		20.7	650-55
	06.5	659-105		21.8	650-50
	07.0	659-110		22.5	650-45
	07.5	659-115		23.1	650-40
	08.0	659-120	4 April	00.0	650-35
	08.6	659-125		00.5	650-30
	09.1	659-130		01.2	650-25
	09.6	659-135		01.8	650-20
	10.2	659-140		02.5	650-15
	10.7	659-145		03.2	650-10

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		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
02	04	69	11.1	RR	SH02	37	05	74	48	12			15	23	10			0	J	7.8	R	29.44		701 010
02	04	69	11.1	RR	SH02	37	05	74	48	12			15	23	10			5	W	6.7	R	30.21		701 010
02	04	69	11.1	RR	SH02	37	05	74	48	12			15	23	10			10	W	6.7	R	31.96		701 010
02	04	69	12.0	RR	SH02	37	01	75	42	18			14	23	09			0	J	8.1	R	28.79		701 015
02	04	69	12.0	RR	SH02	37	01	75	42	18			14	23	09			5	W	7.2				701 015
02	04	69	12.0	RR	SH02	37	01	75	42	18			14	23	09			10	W	6.4				701 015
02	04	69	12.0	RR	SH02	37	01	75	42	18			14	23	09			15	W	6.1				701 015
02	04	69	12.5	RR	SH02	37	00	75	35	20			14	22	09			0	J	8.2	R	29.69		700 020
02	04	69	12.5	RR	SH02	37	00	75	35	20			14	22	09			5	W	7.4	R	31.13		700 020
02	04	69	12.5	RR	SH02	37	00	75	35	20			14	22	09			10	W	6.8	R	31.89		700 020
02	04	69	12.5	RR	SH02	37	00	75	35	20			14	22	09			15	W	6.1	R	32.88		700 020
02	04	69	12.5	RR	SH02	37	00	75	35	20			14	22	09			20	W	6.1	R	33.12		700 020
02	04	69	13.2	RR	SH02	37	00	75	29	25			13	20	09			0	J	7.7	R	31.91		700 025
02	04	69	13.2	RR	SH02	37	00	75	29	25			13	20	09			5	W	7.7				700 025
02	04	69	13.2	RR	SH02	37	00	75	29	25			13	20	09			10	W	7.4				700 025
02	04	69	13.2	RR	SH02	37	00	75	29	25			13	20	09			15	W	6.7				700 025
02	04	69	13.2	RR	SH02	37	00	75	29	25			13	20	09			20	W	6.6				700 025
02	04	69	13.2	RR	SH02	37	00	75	29	25			13	20	09			25	W	6.3				700 025
02	04	69	14.0	RR	SH02	37	00	75	22	30			12	19	12			0	J	7.6	R	32.40		700 030
02	04	69	14.0	RR	SH02	37	00	75	22	30			12	19	12			5	W	7.8	R	32.52		700 030
02	04	69	14.0	RR	SH02	37	00	75	22	30			12	19	12			10	W	7.6	R	32.56		700 030
02	04	69	14.0	RR	SH02	37	00	75	22	30			12	19	12			15	W	7.3	R	32.51		700 030
02	04	69	14.0	RR	SH02	37	00	75	22	30			12	19	12			20	W	6.4	R	33.26		700 030
02	04	69	14.0	RR	SH02	37	00	75	22	30			12	19	12			25	W	6.3	R	33.33		700 030
02	04	69	14.0	RR	SH02	37	00	75	22	30			12	19	12			30	W	6.3				700 030
02	04	69	14.7	RR	SH02	36	59	75	16	30			12	19	12			0	J	7.6	R	32.53		659 035
02	04	69	14.7	RR	SH02	36	59	75	16	30			12	19	12			5	W	7.6				659 035
02	04	69	14.7	RR	SH02	36	59	75	16	30			12	19	12			10	W	7.4				659 035
02	04	69	14.7	RR	SH02	36	59	75	16	30			12	19	12			15	W	6.6				659 035
02	04	69	14.7	RR	SH02	36	59	75	16	30			12	19	12			20	W	6.5				659 035
02	04	69	14.7	RR	SH02	36	59	75	16	30			12	19	12			25	W	6.5				659 035
02	04	69	14.7	RR	SH02	36	59	75	16	30			12	19	12			30	W	6.5				659 035
02	04	69	15.3	RR	SH02	36	59	75	10	42			12	19	10			0	J	7.5	R	33.01		659 040
02	04	69	15.3	RR	SH02	36	59	75	10	42			12	19	10			5	Y	7.3	R	33.14		659 040
02	04	69	15.3	RR	SH02	36	59	75	10	42			12	19	10			10	Y	6.8	R	33.22		659 040
02	04	69	15.3	RR	SH02	36	59	75	10	42			12	19	10			15	Y	6.4	R	33.32		659 040
02	04	69	15.3	RR	SH02	36	59	75	10	42			12	19	10			20	Y	6.4	R	33.41		659 040
02	04	69	15.3	RR	SH02	36	59	75	10	42			12	19	10			25	Y	6.4	R	33.39		659 040
02	04	69	15.3	RR	SH02	36	59	75	10	42			12	19	10			30	Y	6.5	R	33.40		659 040
02	04	69	15.3	RR	SH02	36	59	75	10	42			12	19	10			35	Y	6.5	R	33.43		659 040
02	04	69	15.3	RR	SH02	36	59	75	10	42			12	19	10			40	Y	6.5	R	33.39		659 040
02	04	69	16.2	RR	SH02	36	59	75	03	45			12	19	10			0	J	7.2	R	33.30		659 045
02	04	69	16.2	RR	SH02	36	59	75	03	45			12	19	10			5	Y	7.2				659 045
02	04	69	16.2	RR	SH02	36	59	75	03	45			12	19	10			10	Y	7.2				659 045
02	04	69	16.2	RR	SH02	36	59	75	03	45			12	19	10			15	Y	7.2				659 045
02	04	69	16.2	RR	SH02	36	59	75	03	45			12	19	10			20	Y	6.8				659 045
02	04	69	16.2	RR	SH02	36	59	75	03	45			12	19	10			25	Y	6.6				659 045
02	04	69	16.2	RR	SH02	36	59	75	03	45			12	19	10			30	Y	6.8				659 045
02	04	69	16.2	RR	SH02	36	59	75	03	45			12	19	10			35	Y	6.8				659 045
02	04	69	16.2	RR	SH02	36	59	75	03	45			12	19	10			40	Y	6.8				659 045
02	04	69	16.2	RR	SH02	36	59	75	03	45			12	19	10			45	Y	6.9				659 045
02	04	69	16.8	RR	SH02	36	59	74	57	48			12	19	10			0	J	6.6	R	33.32		659 050
02	04	69	16.8	RR	SH02	36	59	74	57	48			12	19	10			5	J	6.5	R	33.47		659 050
02	04	69	16.8	RR	SH02	36	59	74	57	48			12	19	10			10	J	6.5	R	33.66		659 050
02	04	69	16.8	RR	SH02	36	59	74	57	48			12	19	10			15	J	6.5	R	33.88		659 050
02	04	69	16.8	RR	SH02	36	59	74	57	48			12	19	10			20	Y	6.5	R	34.16		659 050
02	04	69	16.8	RR	SH02	36	59	74	57	48			12	19	10			25	Y	6.5	R	33.39		659 050
02	04	69	16.8	RR	SH02	36	59	74	57	48			12	19	10			30	Y	6.5	R	33.44		659 050
02	04	69	16.8	RR	SH02	36	59	74	57	48			12	19	10			35	Y	6.5	R	33.46		659 050

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION				
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰					
02	04	69	16.8	RR	SH02	36	59	74	57	48			12	19	10			40	Y	6.5	R	33.71			659	050	
02	04	69	16.8	RR	SH02	36	59	74	57	48			12	19	10			45	Y	7.3	R	33.86			659	050	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			0	J	6.5	R	33.34			659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			5	J	6.5	R	33.39			659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			10	J	6.5	R	33.40			659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			15	J	6.5	R	33.41			659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			20	Y	6.5					659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			25	Y	6.8					659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			30	Y	6.9	R	33.24			659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			35	Y	7.5					659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			40	Y	8.1	R	33.99			659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			45	Y	8.1					659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			50	Y	8.1	R	34.24			659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			55	Y	8.1					659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			60	Y	8.2	R	34.26			659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			65	Y	8.2					659	055	
02	04	69	17.7	RR	SH02	36	59	74	51	70			11	19	12			70	Y	8.2	R	34.27			659	055	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			0	J	6.7	R	33.36			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			5	J	6.7	R	33.52			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			10	J	6.7	R	33.51			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			15	J	6.7	R	33.43			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			20	Y	6.8	R	31.27			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			25	Y	6.9	R	33.50			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			30	Y	7.0	R	33.67			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			35	Y	7.1	R	32.93			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			40	Y	7.8	R	33.12			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			45	Y	8.1	R	33.53			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			50	Y	8.5	R	33.91			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			55	Y	8.8					659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			60	Y	8.9	R	34.26			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			65	Y	9.0					659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			70	Y	9.6	R	30.07			659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			75	Y	9.6					659	060	
02	04	69	19.0	RR	SH02	36	59	74	45	80			11	19	12			80	Y	9.7	R	34.84			659	060	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			0	J	7.1	R	33.59			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			5	Y	7.1	R	33.63			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			10	Y	7.1	R	33.65			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			15	Y	7.3	R	33.61			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			20	Y	7.9	R	34.08			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			25	Y	9.0	R	33.68			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			30	Y	10.4	R	34.87			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			35	Y	10.5	R	34.94			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			40	Y	10.6	R	34.99			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			45	Y	11.0	R	35.02			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			50	Y	11.1	R	35.04			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			55	Y	11.1					659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			60	Y	11.1	R	35.11			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			65	Y	11.1					659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			70	Y	11.1	R	35.32			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			75	Y	11.1					659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			80	Y	11.1	R	35.13			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			85	Y	11.2					659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			90	Y	11.2	R	35.08			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			95	Y	11.2					659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			100	Y	11.2	R	35.08			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			110	Y	11.2					659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			120	Y	11.2	R	35.16			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			130	Y	11.2					659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			140	Y	11.2	R	35.43			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			150	Y	11.4					659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			160	Y	11.4	R	35.21			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			170	Y	11.4					659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			180	Y	11.2	R	35.19			659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			190	Y	11.2					659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			200	Y	11.1					659	065	
02	04	69	20.2	RR	SH02	36	59	74	38	220			12	29	05			220	Y	11.1					659	065	
02	04	69	21.6	RR	SH02	36	59	74	32	1300								0	J	8.6	R	33.66			659	070	
02	04	69	21.6	RR	SH02	36	59	74	32	1300								5	J	8.6	R	34.16			659	070	
02	04	69	21.6	RR	SH02	36	59	74	32	1300								10	Y	9.0	R	34.33			659	070	
02	04	69	21.6	RR	SH02	36	59	74	32	1300								15	Y	10.1	R	34.58			659	070	

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH		TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY		SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION			
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M			°C	DIRECTION CODE	VELOCITY M/SEC.	M		M	INSTR.	°C	INSTR.	‰				
02	04	69	21.6	RR	SH02	36	59	74	32	1300								20	Y	10.8	R	34.95			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								25	Y	10.9	R	35.01			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								30	Y	11.1	R	35.16			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								35	Y	11.3	R	35.15			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								40	Y	11.4	R	35.20			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								45	Y	11.4	R	35.21			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								50	Y	11.4	R	35.21			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								55	Y	11.4					659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								60	Y	11.4	R	35.25			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								65	Y	11.4					659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								70	Y	11.4	R	35.03			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								75	Y	11.5					659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								80	Y	11.5	R	35.24			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								85	Y	11.5					659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								90	Y	11.5	R	35.08			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								95	Y	11.6					659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								100	Y	11.6	R	35.23			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								110	Y	11.6					659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								120	Y	11.6	R	35.19			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								130	Y	11.6					659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								140	Y	11.6	R	35.22			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								150	Y	11.6					659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								160	Y	11.6	R	35.34			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								170	Y	11.6					659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								180	Y	11.7	R	35.35			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								190	Y	11.7					659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								200	Y	11.7	R	35.39			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								220	Y	11.7	R	35.31			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								240	Y	11.4	R	35.35			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								260	Y	10.8	R	33.79			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								280	Y	10.6	R	35.25			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								300	Y	9.3	R	35.12			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								320	Y	8.8	R	35.03			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								340	Y	8.2	R	35.02			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								360	Y	7.7	R	35.03			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								380	Y	7.3	R	34.93			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								400	Y	7.0	R	35.16			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								420	Y	6.8	R	34.98			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								440	Y	6.6	R	34.94			659	070
02	04	69	21.6	RR	SH02	36	59	74	32	1300								460	Y	6.3					659	070
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			0	J	10.2	R	34.54			659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			5	Y	10.2					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			10	Y	10.3					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			15	Y	10.4					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			20	Y	10.4					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			25	Y	10.4					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			30	Y	10.4					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			35	Y	10.4					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			40	Y	10.4					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			45	Y	11.0					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			50	Y	11.3					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			55	Y	11.3					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			60	Y	11.3					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			65	Y	11.3					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			70	Y	11.3					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			75	Y	11.3					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			80	Y	11.3					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			85	Y	11.3					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			90	Y	11.4					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			95	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			100	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			110	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			120	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			130	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			140	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			150	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			160	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			170	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			180	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			190	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			200	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			220	Y	11.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			240	Y	11.4					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			260	Y	11.0					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			280	Y	10.1					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			300	Y	9.0					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			320	Y	8.5					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			340	Y	7.9					659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			360	Y	7.6					659	075

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			380	Y	7.1			659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			400	Y	6.8			659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			420	Y	6.6			659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			440	Y	6.4			659	075
02	04	69	23.6	RR	SH02	36	59	74	26	1800			12	21	08			460	Y	6.4			659	075
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			0	J	10.2	R	34.71	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			5	J	10.2	R	34.85	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			10	Y	10.3	R	34.86	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			15	Y	10.3	R	34.91	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			20	Y	10.4	R	35.05	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			25	Y	10.9	R	35.22	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			30	Y	11.3	R	35.24	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			35	Y	11.3	R	35.23	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			40	Y	11.3	R	35.29	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			45	Y	11.3	R	35.24	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			50	Y	11.3	R	35.28	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			55	Y	11.3			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			60	Y	11.3	R	35.24	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			65	Y	11.3			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			70	Y	11.3			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			75	Y	11.3			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			80	Y	11.3	R	35.27	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			85	Y	11.3			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			90	Y	11.3	R	35.26	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			95	Y	11.3			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			100	Y	11.3	R	35.27	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			110	Y	11.4			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			120	Y	11.4	R	35.27	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			130	Y	11.4			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			140	Y	11.4	R	35.28	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			150	Y	11.4			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			160	Y	11.4	R	35.25	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			170	Y	11.4			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			180	Y	11.5	R	35.31	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			190	Y	11.5			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			200	Y	11.5	R	35.32	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			220	Y	11.5	R	35.32	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			240	Y	11.2	R	35.29	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			260	Y	11.1	R	35.28	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			280	Y	9.7	R	35.28	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			300	Y	9.0	R	35.28	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			320	Y	8.5	R	35.02	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			340	Y	8.3			659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			360	Y	7.8	R	35.04	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			380	Y	7.4	R	35.01	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			400	Y	7.2	R	34.95	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			420	Y	6.9	R	34.94	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			440	Y	6.5	R	34.92	659	080
03	04	69	00.2	RR	SH02	36	59	74	19	1900			13	22	08			460	Y	6.2	R	34.91	659	080
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			0	J	10.7	R	34.89	659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			5	Y	10.8			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			10	Y	10.9			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			15	Y	11.2			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			20	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			25	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			30	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			35	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			40	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			45	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			50	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			55	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			60	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			65	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			70	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			75	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			80	Y	11.4			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			85	Y	11.5			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			90	Y	11.5			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			95	Y	11.5			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			100	Y	11.5			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			110	Y	11.5			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			120	Y	11.5			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			130	Y	11.5			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			140	Y	11.5			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			150	Y	11.5			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			160	Y	11.5			659	085

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			170	Y	11.5			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			180	Y	11.6			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			190	Y	11.6			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			200	Y	11.6			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			220	Y	11.6			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			240	Y	11.3			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			260	Y	10.7			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			280	Y	10.2			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			300	Y	9.2			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			320	Y	8.7			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			340	Y	8.2			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			360	Y	7.8			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			380	Y	7.1			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			400	Y	6.9			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			420	Y	6.7			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			440	Y	6.6			659	085
03	04	69	02.5	RR	SH02	36	59	74	13	2200			13	36	03			460	Y	6.6			659	085
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			0	J	11.0	R	35.01	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			5	Y	11.0	R	35.07	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			10	Y	11.0	R	35.09	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			15	Y	11.0	R	35.11	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			20	Y	11.1	R	35.17	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			25	Y	11.2	R	35.22	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			30	Y	11.3	R	35.19	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			35	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			40	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			45	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			50	Y	11.3	R	35.20	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			55	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			60	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			65	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			70	Y	11.3	R	35.20	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			75	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			80	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			85	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			90	Y	11.3	R	35.22	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			95	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			100	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			110	Y	11.3	R	35.21	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			120	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			130	Y	11.3	R	35.21	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			140	Y	11.3			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			150	Y	11.3	R	34.18	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			160	Y	11.4			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			170	Y	11.4	R	35.24	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			180	Y	11.4			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			190	Y	11.3	R	35.30	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			200	Y	11.2			659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			210	Y	11.1	R	35.23	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			230	Y	10.5	R	35.31	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			250	Y	9.7	R	35.25	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			270	Y	9.1	R	35.20	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			290	Y	8.5	R	35.13	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			310	Y	7.9	R	35.08	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			330	Y	7.7	R	35.00	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			350	Y	7.3	R	35.00	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			370	Y	6.8	R	35.00	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			390	Y	6.3	R	34.97	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			410	Y	6.1	R	34.93	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			430	Y	5.8	R	34.98	659	090
03	04	69	03.5	RR	SH02	36	59	74	07	2300			12	03	08			450	Y	5.6	R	34.91	659	090
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			0	Y	10.8			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			5	Y	10.8			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			10	Y	10.9			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			15	Y	11.0			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			20	Y	11.0			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			25	Y	11.1			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			30	Y	11.2			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			35	Y	11.2			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			40	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			45	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			50	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			55	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			60	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			65	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			70	Y	11.3			659	095

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			75	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			80	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			85	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			90	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			95	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			100	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			110	Y	11.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			120	Y	11.5			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			130	Y	11.5			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			140	Y	11.5			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			150	Y	11.5			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			160	Y	11.5			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			170	Y	11.5			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			180	Y	11.5			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			190	Y	11.5			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			200	Y	11.5			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			220	Y	11.2			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			240	Y	9.5			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			260	Y	9.2			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			280	Y	8.6			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			300	Y	8.2			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			320	Y	8.0			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			340	Y	7.5			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			360	Y	7.0			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			380	Y	6.6			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			400	Y	6.3			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			420	Y	6.0			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			440	Y	5.7			659	095
03	04	69	05.5	RR	SH02	36	59	74	01	2300			13	02	09			460	Y	5.5			659	095
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			0	Y	10.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			5	Y	10.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			10	Y	10.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			15	Y	10.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			20	Y	10.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			25	Y	10.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			30	Y	10.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			35	Y	10.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			40	Y	10.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			45	Y	10.2			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			50	Y	10.3			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			55	Y	10.3			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			60	Y	10.4			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			65	Y	10.4			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			70	Y	10.5			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			75	Y	10.7			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			80	Y	10.7			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			85	Y	10.8			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			90	Y	11.0			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			95	Y	11.0			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			100	Y	11.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			110	Y	11.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			120	Y	11.2			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			130	Y	11.2			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			140	Y	11.2			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			150	Y	11.2			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			160	Y	11.2			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			170	Y	11.2			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			180	Y	11.2			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			190	Y	11.0			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			200	Y	11.0			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			220	Y	10.0			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			240	Y	9.5			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			260	Y	8.6			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			280	Y	8.0			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			300	Y	7.6			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			320	Y	7.2			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			340	Y	6.7			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			360	Y	6.1			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			380	Y	5.7			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			400	Y	5.4			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			420	Y	5.2			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			440	Y	5.0			659	100
03	04	69	06.0	RR	SH02	36	59	73	54	2400			13	05	09			460	Y	4.9			659	100
03	04	69	06.5	RR	SH02	36	59	73	48	2600			13	05	09			0	J	11.1	R	34.85	659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600			13	05	09			5	Y	11.1			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600			13	05	09			10	Y	11.1			659	105

DATE			STATION TIME (E.S.T.)	VESSEL	CRUISE	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH	TIDAL CURRENT CODE	AIR TEMPERATURE	WIND		SECCHI DISC VISIBILITY	SAMPLE DEPTH	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS	CODE	DESIGNATION	DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	M		°C	DIRECTION CODE	VELOCITY M/SEC.	M	M	INSTR.	°C	INSTR.	‰		
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		15	Y	11.2			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		20	Y	11.2			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		25	Y	11.3			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		30	Y	11.3			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		35	Y	11.4			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		40	Y	11.5			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		45	Y	11.6			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		50	Y	11.7			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		55	Y	11.8			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		60	Y	11.8			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		65	Y	12.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		70	Y	12.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		75	Y	12.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		80	Y	12.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		85	Y	12.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		90	Y	12.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		95	Y	12.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		100	Y	12.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		110	Y	12.1			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		120	Y	12.1			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		130	Y	12.1			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		140	Y	12.2			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		150	Y	12.2			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		160	Y	12.2			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		170	Y	12.1			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		180	Y	12.1			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		190	Y	12.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		200	Y	11.5			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		210	Y	10.4			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		240	Y	9.9			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		260	Y	9.3			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		280	Y	9.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		300	Y	8.4			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		320	Y	8.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		340	Y	7.4			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		360	Y	7.1			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		380	Y	6.6			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		400	Y	6.5			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		420	Y	6.3			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		440	Y	6.0			659	105
03	04	69	06.5	RR	SH02	36	59	73	48	2600		13	05	09		460	Y	5.9			659	105
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		0	J	11.3	R	35.07	659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		5	Y	11.4			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		10	Y	11.4			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		15	Y	11.5			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		20	Y	11.5			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		25	Y	11.6			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		30	Y	11.6			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		35	Y	11.6			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		40	Y	11.6			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		45	Y	11.7			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		50	Y	11.8			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		55	Y	11.8			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		60	Y	12.0			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		65	Y	12.1			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		70	Y	12.1			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		75	Y	12.1			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		80	Y	12.1			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		85	Y	12.1			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		90	Y	12.1			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		95	Y	12.1			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		100	Y	12.1			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		110	Y	12.0			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		120	Y	11.9			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		130	Y	11.9			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		140	Y	11.8			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		150	Y	11.8			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		160	Y	11.8			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		170	Y	11.7			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		180	Y	11.7			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		190	Y	11.5			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		200	Y	10.6			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		220	Y	9.8			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		240	Y	9.2			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		260	Y	8.8			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		280	Y	8.4			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		300	Y	7.8			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		320	Y	7.5			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		340	Y	7.1			659	110

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		360	Y	6.5			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		380	Y	6.3			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		400	Y	6.1			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		420	Y	5.9			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		440	Y	5.9			659	110
03	04	69	07.0	RR	SH02	36	59	73	41	2700		14	05	09		460	Y	5.8			659	110
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		0	J	12.3	R	35.19	659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		5	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		10	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		15	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		20	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		25	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		30	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		35	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		40	Y	12.4			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		45	Y	12.4			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		50	Y	12.4			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		55	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		60	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		65	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		70	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		75	Y	12.3			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		80	Y	12.2			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		85	Y	12.2			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		90	Y	12.2			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		95	Y	12.1			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		100	Y	12.1			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		110	Y	12.0			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		120	Y	12.0			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		130	Y	11.9			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		140	Y	11.9			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		150	Y	11.9			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		160	Y	11.9			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		170	Y	11.8			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		180	Y	11.8			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		190	Y	11.7			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		200	Y	11.1			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		220	Y	10.1			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		240	Y	9.6			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		260	Y	9.2			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		280	Y	8.9			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		300	Y	8.5			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		320	Y	7.9			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		340	Y	7.6			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		360	Y	7.6			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		380	Y	7.2			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		400	Y	7.0			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		420	Y	6.7			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		440	Y	6.4			659	115
03	04	69	07.5	RR	SH02	36	59	73	35	2700		14	05	09		460	Y	6.2			659	115
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		0	J	12.7	R	35.28	659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		5	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		10	Y	12.8			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		15	Y	12.8			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		20	Y	12.8			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		25	Y	12.8			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		30	Y	12.8			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		35	Y	12.8			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		40	Y	12.8			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		45	Y	12.8			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		50	Y	12.8			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		55	Y	12.8			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		60	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		65	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		70	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		75	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		80	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		85	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		90	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		95	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		100	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		110	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		120	Y	12.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		130	Y	12.5			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		140	Y	12.5			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		150	Y	12.4			659	120

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		160	Y	12.4			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		170	Y	12.4			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		180	Y	12.4			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		190	Y	12.3			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		200	Y	12.2			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		220	Y	11.4			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		240	Y	11.0			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		260	Y	10.3			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		280	Y	9.9			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		300	Y	9.5			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		320	Y	9.1			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		340	Y	8.7			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		360	Y	8.0			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		380	Y	7.6			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		400	Y	7.4			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		420	Y	7.0			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		440	Y	6.8			659	120
03	04	69	08.0	RR	SH02	36	59	73	29	2700		11	05	09		460	Y	6.7			659	120
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		0	J	12.3	R	35.24	659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		5	Y	12.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		10	Y	12.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		15	Y	12.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		20	Y	12.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		25	Y	12.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		30	Y	12.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		35	Y	11.7			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		40	Y	11.6			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		45	Y	11.5			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		50	Y	11.5			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		55	Y	11.4			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		60	Y	11.4			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		65	Y	11.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		70	Y	11.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		75	Y	11.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		80	Y	11.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		85	Y	11.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		90	Y	11.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		95	Y	11.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		100	Y	11.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		110	Y	11.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		120	Y	11.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		130	Y	11.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		140	Y	11.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		150	Y	11.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		160	Y	11.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		170	Y	11.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		180	Y	11.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		190	Y	11.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		200	Y	11.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		220	Y	11.0			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		240	Y	10.9			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		260	Y	10.0			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		280	Y	9.0			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		300	Y	8.5			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		320	Y	8.1			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		340	Y	7.7			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		360	Y	7.2			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		380	Y	6.9			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		400	Y	6.7			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		420	Y	6.3			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		440	Y	5.9			659	125
03	04	69	08.6	RR	SH02	36	59	73	23	2800		11	05	09		460	Y	5.7			659	125
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		0	J	16.9	R	35.82	659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		5	Y	16.9			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		10	Y	16.9			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		15	Y	16.9			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		20	Y	16.9			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		25	Y	16.5			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		30	Y	15.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		35	Y	14.5			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		40	Y	12.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		45	Y	13.5			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		50	Y	13.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		55	Y	13.3			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		60	Y	12.6			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		65	Y	12.5			659	130

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		70	Y	11.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		75	Y	11.5			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		80	Y	11.3			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		85	Y	11.0			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		90	Y	10.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		95	Y	10.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		100	Y	10.7			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		110	Y	10.5			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		120	Y	10.5			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		130	Y	10.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		140	Y	10.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		150	Y	10.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		160	Y	10.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		170	Y	10.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		180	Y	10.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		190	Y	10.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		200	Y	10.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		220	Y	10.6			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		240	Y	10.5			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		260	Y	10.0			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		280	Y	9.0			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		300	Y	8.6			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		320	Y	8.2			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		340	Y	7.6			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		360	Y	7.3			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		380	Y	6.8			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		400	Y	6.4			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		420	Y	5.9			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		440	Y	5.6			659	130
03	04	69	09.1	RR	SH02	36	59	73	16	2900		12	05	09		460	Y	5.3			659	130
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		0	J	18.6	R	35.94	659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		5	Y	18.6			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		10	Y	19.0			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		15	Y	19.0			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		20	Y	19.0			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		25	Y	19.1			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		30	Y	19.1			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		35	Y	19.0			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		40	Y	19.0			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		45	Y	18.0			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		50	Y	16.0			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		55	Y	14.5			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		60	Y	13.0			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		65	Y	12.4			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		70	Y	12.3			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		75	Y	12.0			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		80	Y	11.6			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		85	Y	13.5			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		90	Y	14.0			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		95	Y	14.0			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		100	Y	13.7			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		110	Y	13.4			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		120	Y	12.3			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		130	Y	12.8			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		140	Y	12.7			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		150	Y	12.2			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		160	Y	11.7			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		170	Y	11.6			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		180	Y	11.6			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		190	Y	11.5			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		200	Y	11.6			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		220	Y	11.7			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		240	Y	11.8			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		260	Y	11.9			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		280	Y	11.7			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		300	Y	11.5			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		320	Y	10.5			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		340	Y	9.6			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		360	Y	9.1			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		380	Y	8.6			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		400	Y	8.1			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		420	Y	7.7			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		440	Y	7.3			659	135
03	04	69	09.6	RR	SH02	36	59	73	10	2900		12	05	09		460	Y	6.8			659	135
03	04	69	10.2	RR	SH02	36	59	73	04	3000		13	05	09		0	J	18.3	R	35.97	659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000		13	05	09		5	Y	18.3			659	140

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			10	Y	18.3			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			15	Y	18.3			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			20	Y	18.3			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			25	Y	18.3			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			30	Y	18.3			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			35	Y	18.0			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			40	Y	17.2			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			45	Y	16.9			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			50	Y	16.3			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			55	Y	14.5			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			60	Y	14.0			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			65	Y	13.7			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			70	Y	13.1			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			75	Y	13.9			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			80	Y	14.0			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			85	Y	15.0			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			90	Y	15.3			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			95	Y	15.0			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			100	Y	14.7			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			110	Y	14.1			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			120	Y	13.9			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			130	Y	13.3			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			140	Y	12.8			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			150	Y	10.7			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			160	Y	9.8			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			170	Y	9.8			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			180	Y	9.8			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			190	Y	9.9			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			200	Y	10.0			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			220	Y	10.8			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			240	Y	10.7			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			260	Y	10.9			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			280	Y	11.0			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			300	Y	10.8			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			320	Y	10.9			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			340	Y	10.5			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			360	Y	9.6			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			380	Y	9.1			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			400	Y	8.3			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			420	Y	7.9			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			440	Y	7.3			659	140
03	04	69	10.2	RR	SH02	36	59	73	04	3000			13	05	09			460	Y	6.8			659	140
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			0	J	19.3	R	36.23	659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			5	Y	19.4			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			10	Y	19.5			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			15	Y	19.8			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			20	Y	19.9			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			25	Y	19.9			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			30	Y	19.9			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			35	Y	19.9			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			40	Y	19.8			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			45	Y	19.5			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			50	Y	18.9			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			55	Y	18.7			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			60	Y	18.0			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			65	Y	17.8			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			70	Y	17.3			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			75	Y	17.3			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			80	Y	16.8			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			85	Y	16.0			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			90	Y	15.5			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			95	Y	15.8			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			100	Y	15.7			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			110	Y	15.2			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			120	Y	15.2			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			130	Y	15.0			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			140	Y	14.7			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			150	Y	14.3			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			160	Y	14.0			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			170	Y	13.5			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			180	Y	12.5			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			190	Y	10.7			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			200	Y	10.2			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			220	Y	10.3			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			240	Y	10.4			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			260	Y	10.7			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			280	Y	11.2			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			300	Y	11.2			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			320	Y	11.2			659	145

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			340	Y	11.2			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			360	Y	11.0			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			380	Y	10.1			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			400	Y	9.5			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			420	Y	8.7			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			440	Y	8.3			659	145
03	04	69	10.7	RR	SH02	36	59	72	57	3000			13	05	09			460	Y	7.8			659	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			0	J	20.8	R	36.33	650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			5	Y	20.8			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			10	Y	20.9			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			15	Y	20.9			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			20	Y	20.9			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			25	Y	20.9			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			30	Y	20.9			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			35	Y	20.9			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			40	Y	20.9			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			45	Y	20.0			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			50	Y	19.2			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			55	Y	19.0			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			60	Y	18.7			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			65	Y	17.5			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			70	Y	17.1			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			75	Y	17.9			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			80	Y	17.7			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			85	Y	17.8			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			90	Y	17.7			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			95	Y	17.5			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			100	Y	17.5			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			110	Y	17.2			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			120	Y	17.1			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			130	Y	17.0			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			140	Y	16.8			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			150	Y	16.8			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			160	Y	16.6			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			170	Y	16.3			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			180	Y	16.0			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			190	Y	15.7			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			200	Y	15.6			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			220	Y	15.1			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			240	Y	14.3			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			260	Y	13.5			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			280	Y	12.7			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			300	Y	12.2			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			320	Y	12.0			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			340	Y	11.6			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			360	Y	11.0			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			380	Y	10.6			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			400	Y	10.5			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			420	Y	10.0			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			440	Y	9.8			650	145
03	04	69	12.0	RR	SH02	36	50	72	57	3000			13	05	09			460	Y	9.4			650	145
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			0	J	20.3	R	36.23	650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			5	Y	20.3			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			10	Y	20.3			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			15	Y	20.3			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			20	Y	20.3			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			25	Y	20.3			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			30	Y	20.2			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			35	Y	19.8			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			40	Y	19.5			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			45	Y	18.8			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			50	Y	18.7			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			55	Y	18.3			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			60	Y	18.3			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			65	Y	18.1			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			70	Y	17.7			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			75	Y	17.5			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			80	Y	17.3			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			85	Y	17.2			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			90	Y	17.0			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			95	Y	16.8			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			100	Y	16.7			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			110	Y	16.3			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			120	Y	16.0			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			130	Y	15.5			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000			13	05	09			140	Y	15.2			650	140

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		150	Y	15.0			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		160	Y	14.7			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		170	Y	14.4			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		180	Y	14.2			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		190	Y	14.0			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		200	Y	13.6			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		220	Y	13.2			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		240	Y	12.8			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		260	Y	12.2			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		280	Y	11.6			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		300	Y	11.3			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		320	Y	11.0			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		340	Y	10.6			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		360	Y	10.3			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		380	Y	9.7			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		400	Y	9.2			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		420	Y	9.2			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		440	Y	8.8			650	140
03	04	69	12.4	RR	SH02	36	50	73	04	3000		13	05	09		460	Y	8.0			650	140
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		0	J	19.8	R	36.18	650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		5	Y	20.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		10	Y	20.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		15	Y	20.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		20	Y	20.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		25	Y	20.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		30	Y	20.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		35	Y	20.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		40	Y	19.9			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		45	Y	19.3			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		50	Y	18.5			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		55	Y	18.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		60	Y	17.8			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		65	Y	17.5			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		70	Y	17.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		75	Y	16.2			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		80	Y	15.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		85	Y	15.1			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		90	Y	14.8			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		95	Y	13.5			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		100	Y	13.7			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		110	Y	12.7			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		120	Y	13.1			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		130	Y	14.3			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		140	Y	14.3			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		150	Y	14.2			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		160	Y	13.2			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		170	Y	13.1			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		180	Y	13.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		190	Y	12.8			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		200	Y	12.7			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		220	Y	12.2			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		240	Y	11.8			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		260	Y	11.5			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		280	Y	11.2			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		300	Y	11.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		320	Y	10.8			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		340	Y	10.4			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		360	Y	10.1			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		380	Y	9.3			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		400	Y	9.0			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		420	Y	8.8			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		440	Y	8.2			650	135
03	04	69	12.7	RR	SH02	36	50	73	10	3000		13	05	09		460	Y	8.0			650	135
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		0	J	17.6	R	35.80	650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		5	Y	18.2			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		10	Y	18.0			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		15	Y	17.7			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		20	Y	17.7			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		25	Y	17.7			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		30	Y	17.4			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		35	Y	16.2			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		40	Y	15.2			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		45	Y	13.7			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		50	Y	13.5			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		55	Y	13.2			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000		13	05	09		60	Y	13.3			650	130

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			65	Y	13.7			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			70	Y	15.2			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			75	Y	15.2			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			80	Y	15.0			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			85	Y	14.7			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			90	Y	14.5			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			95	Y	14.2			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			100	Y	13.7			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			110	Y	13.5			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			120	Y	13.1			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			130	Y	12.1			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			140	Y	10.6			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			150	Y	10.5			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			160	Y	10.4			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			170	Y	10.4			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			180	Y	10.4			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			190	Y	10.4			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			200	Y	10.4			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			220	Y	10.9			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			240	Y	11.0			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			260	Y	11.6			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			280	Y	11.2			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			300	Y	11.2			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			320	Y	10.8			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			340	Y	10.2			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			360	Y	8.8			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			380	Y	8.2			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			400	Y	7.8			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			420	Y	7.4			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			440	Y	6.9			650	130
03	04	69	13.3	RR	SH02	36	50	73	16	3000			13	05	09			460	Y	6.7			650	130
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			0	J	17.4	R	35.67	650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			5	Y	17.5			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			10	Y	17.5			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			15	Y	17.5			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			20	Y	17.5			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			25	Y	17.4			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			30	Y	17.6			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			35	Y	17.6			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			40	Y	16.8			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			45	Y	16.2			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			50	Y	14.9			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			55	Y	14.2			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			60	Y	14.9			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			65	Y	14.7			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			70	Y	14.2			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			75	Y	12.2			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			80	Y	11.3			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			85	Y	12.2			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			90	Y	12.9			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			95	Y	12.9			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			100	Y	12.8			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			110	Y	13.0			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			120	Y	12.5			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			130	Y	11.7			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			140	Y	11.4			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			150	Y	11.2			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			160	Y	11.2			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			170	Y	11.3			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			180	Y	11.4			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			190	Y	11.5			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			200	Y	11.5			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			220	Y	11.6			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			240	Y	11.4			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			260	Y	11.3			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			280	Y	10.4			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			300	Y	10.0			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			320	Y	9.7			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			340	Y	9.4			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			360	Y	9.0			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			380	Y	8.4			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			400	Y	7.9			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			420	Y	7.7			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			440	Y	7.4			650	125
03	04	69	13.8	RR	SH02	36	50	73	23	2800			13	04	09			460	Y	7.1			650	125
03	04	69	14.3	RR	SH02	36	50	73	29	2900			12	04	10			0	J	17.4	R	35.75	650	120

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰			
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		5	Y	17.5			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		10	Y	17.5			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		15	Y	17.1			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		20	Y	15.7			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		25	Y	14.6			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		30	Y	14.1			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		35	Y	13.6			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		40	Y	12.9			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		45	Y	12.1			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		50	Y	11.9			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		55	Y	11.8			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		60	Y	11.7			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		65	Y	11.7			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		70	Y	11.7			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		75	Y	11.7			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		80	Y	11.6			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		85	Y	11.5			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		90	Y	11.4			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		95	Y	11.4			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		100	Y	11.4			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		110	Y	11.4			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		120	Y	11.4			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		130	Y	11.4			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		140	Y	11.4			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		150	Y	11.4			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		160	Y	11.5			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		170	Y	11.5			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		180	Y	11.5			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		190	Y	11.5			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		200	Y	11.5			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		220	Y	11.3			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		240	Y	11.0			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		260	Y	10.6			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		280	Y	9.6			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		300	Y	8.8			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		320	Y	8.2			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		340	Y	7.6			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		360	Y	7.3			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		380	Y	7.1			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		400	Y	6.6			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		420	Y	6.3			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		440	Y	6.1			650	120	
03	04	69	14.3	RR	SH02	36	50	73	29	2900		12	04	10		460	Y	5.9			650	120	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		0	J	12.0	R	35.28	650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		5	Y	12.0			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		10	Y	12.0			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		15	Y	11.8			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		20	Y	11.8			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		25	Y	11.8			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		30	Y	11.8			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		35	Y	11.8			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		40	Y	11.8			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		45	Y	11.8			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		50	Y	11.7			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		55	Y	11.6			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		60	Y	11.6			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		65	Y	11.6			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		70	Y	11.6			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		75	Y	11.6			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		80	Y	11.6			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		85	Y	11.6			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		90	Y	11.5			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		95	Y	11.5			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		100	Y	11.5			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		110	Y	11.5			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		120	Y	11.5			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		130	Y	11.4			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		140	Y	11.4			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		150	Y	11.5			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		160	Y	11.5			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		170	Y	11.5			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		180	Y	11.5			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		190	Y	11.5			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		200	Y	11.4			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		220	Y	11.2			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		240	Y	10.1			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		260	Y	9.5			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		280	Y	8.9			650	115	
03	04	69	14.7	RR	SH02	36	50	73	35	2600		12	03	10		300	Y	8.6			650	115	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
03	04	69	14.7	RR	SH02	36	50	73	35	2600			12	03	10			320	Y	8.3			650	115
03	04	69	14.7	RR	SH02	36	50	73	35	2600			12	03	10			340	Y	8.0			650	115
03	04	69	14.7	RR	SH02	36	50	73	35	2600			12	03	10			360	Y	7.8			650	115
03	04	69	14.7	RR	SH02	36	50	73	35	2600			12	03	10			380	Y	7.4			650	115
03	04	69	14.7	RR	SH02	36	50	73	35	2600			12	03	10			400	Y	7.1			650	115
03	04	69	14.7	RR	SH02	36	50	73	35	2600			12	03	10			420	Y	6.6			650	115
03	04	69	14.7	RR	SH02	36	50	73	35	2600			12	03	10			440	Y	6.5			650	115
03	04	69	14.7	RR	SH02	36	50	73	35	2600			12	03	10			460	Y	6.1			650	115
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			0	J	11.6	R	35.15	650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			5	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			10	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			15	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			20	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			25	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			30	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			35	Y	11.5			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			40	Y	11.5			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			45	Y	11.5			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			50	Y	11.5			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			55	Y	11.5			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			60	Y	11.5			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			65	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			70	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			75	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			80	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			85	Y	11.5			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			90	Y	11.5			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			95	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			100	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			110	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			120	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			130	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			140	Y	11.7			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			150	Y	11.7			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			160	Y	11.7			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			170	Y	11.8			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			180	Y	11.7			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			190	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			200	Y	11.6			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			220	Y	11.4			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			240	Y	10.5			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			260	Y	10.1			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			280	Y	9.2			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			300	Y	9.2			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			320	Y	9.0			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			340	Y	8.4			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			360	Y	7.9			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			380	Y	7.7			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			400	Y	7.3			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			420	Y	6.8			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			440	Y	6.5			650	110
03	04	69	15.2	RR	SH02	36	50	73	41	2700			12	03	10			460	Y	6.5			650	110
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			0	J	11.4	R	35.04	650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			5	Y	11.4			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			10	Y	11.4			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			15	Y	11.4			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			20	Y	11.4			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			25	Y	11.3			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			30	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			35	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			40	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			45	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			50	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			55	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			60	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			65	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			70	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			75	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			80	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			85	Y	11.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			90	Y	11.3			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			95	Y	11.4			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			100	Y	11.4			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			110	Y	11.5			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			120	Y	11.6			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700			11	02	09			130	Y	11.7			650	105

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	°/oo		
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		140	Y	11.8			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		150	Y	11.8			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		160	Y	11.7			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		170	Y	11.7			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		180	Y	11.7			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		190	Y	11.7			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		200	Y	11.7			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		220	Y	11.7			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		240	Y	11.5			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		260	Y	10.4			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		280	Y	9.6			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		300	Y	9.1			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		320	Y	8.8			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		340	Y	8.6			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		360	Y	8.2			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		380	Y	7.7			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		400	Y	7.5			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		420	Y	6.9			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		440	Y	6.5			650	105
03	04	69	15.7	RR	SH02	36	50	73	48	2700		11	02	09		460	Y	6.2			650	105
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		0	J	11.9	R	35.25	650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		5	Y	11.9			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		10	Y	11.9			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		15	Y	11.9			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		20	Y	11.9			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		25	Y	11.7			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		30	Y	11.7			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		35	Y	11.7			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		40	Y	11.7			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		45	Y	11.7			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		50	Y	11.7			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		55	Y	11.7			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		60	Y	11.7			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		65	Y	11.7			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		70	Y	11.7			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		75	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		80	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		85	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		90	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		95	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		100	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		110	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		120	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		130	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		140	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		150	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		160	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		170	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		180	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		190	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		200	Y	11.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		220	Y	11.5			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		240	Y	11.1			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		260	Y	10.4			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		280	Y	9.5			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		300	Y	9.1			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		320	Y	8.8			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		340	Y	8.4			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		360	Y	8.1			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		380	Y	7.8			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		400	Y	7.4			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		420	Y	7.0			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		440	Y	6.6			650	100
03	04	69	16.1	RR	SH02	36	50	73	54	2600		11	02	08		460	Y	6.4			650	100
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		0	J	11.9	R	35.28	650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		5	Y	11.9			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		10	Y	11.9			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		15	Y	11.8			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		20	Y	11.7			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		25	Y	11.7			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		30	Y	11.7			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		35	Y	11.7			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		40	Y	11.7			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		45	Y	11.7			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		50	Y	11.7			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		55	Y	11.7			650	095

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		60	Y	11.7			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		65	Y	11.7			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		70	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		75	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		80	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		85	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		90	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		95	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		100	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		110	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		120	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		130	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		140	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		150	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		160	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		170	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		180	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		190	Y	11.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		200	Y	11.5			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		220	Y	11.5			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		240	Y	11.4			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		260	Y	11.1			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		280	Y	10.2			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		300	Y	9.4			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		320	Y	8.9			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		340	Y	8.6			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		360	Y	8.2			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		380	Y	7.9			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		400	Y	7.4			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		420	Y	7.2			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		440	Y	6.9			650	095
03	04	69	16.6	RR	SH02	36	50	74	01	2500		11	02	06		460	Y	6.4			650	095
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		0	J	11.7	R	34.91	650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		5	Y	11.7			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		10	Y	11.6			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		15	Y	11.5			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		20	Y	11.4			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		25	Y	11.3			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		30	Y	11.3			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		35	Y	11.3			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		40	Y	11.4			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		45	Y	11.5			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		50	Y	11.7			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		55	Y	11.7			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		60	Y	11.7			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		65	Y	11.7			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		70	Y	11.6			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		75	Y	11.6			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		80	Y	11.6			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		85	Y	11.6			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		90	Y	11.6			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		95	Y	11.6			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		100	Y	11.6			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		110	Y	11.6			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		120	Y	11.7			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		130	Y	11.7			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		140	Y	11.7			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		150	Y	11.8			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		160	Y	11.8			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		170	Y	11.8			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		180	Y	11.8			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		190	Y	11.8			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		200	Y	11.8			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		220	Y	11.8			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		240	Y	11.8			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		260	Y	11.7			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		280	Y	10.7			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		300	Y	10.4			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		320	Y	9.7			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		340	Y	9.5			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		360	Y	8.9			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		380	Y	8.6			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		400	Y	8.3			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		420	Y	7.9			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		440	Y	7.5			650	090
03	04	69	17.1	RR	SH02	36	50	74	07	2200		10	02	06		460	Y	6.9			650	090
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		0	J	11.6	R	35.02	650	085

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		5	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		10	Y	11.5			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		15	Y	11.5			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		20	Y	11.5			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		25	Y	11.5			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		30	Y	11.5			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		35	Y	11.5			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		40	Y	11.5			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		45	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		50	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		55	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		60	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		65	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		70	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		75	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		80	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		85	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		90	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		95	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		100	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		110	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		120	Y	11.7			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		130	Y	11.7			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		140	Y	11.7			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		150	Y	11.8			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		160	Y	11.8			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		170	Y	11.8			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		180	Y	11.8			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		190	Y	11.8			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		200	Y	11.8			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		220	Y	11.9			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		240	Y	11.9			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		260	Y	11.9			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		280	Y	11.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		300	Y	10.8			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		320	Y	10.0			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		340	Y	9.6			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		360	Y	9.2			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		380	Y	8.7			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		400	Y	8.4			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		420	Y	8.1			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		440	Y	7.4			650	085
03	04	69	17.5	RR	SH02	36	50	74	13	2100		10	02	06		460	Y	7.3			650	085
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		0	J	11.8	R	35.02	650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		5	Y	11.8			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		10	Y	11.8			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		15	Y	11.8			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		20	Y	11.8			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		25	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		30	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		35	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		40	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		45	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		50	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		55	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		60	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		65	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		70	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		75	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		80	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		85	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		90	Y	11.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		95	Y	11.8			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		100	Y	11.8			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		110	Y	11.8			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		120	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		130	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		140	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		150	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		160	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		170	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		180	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		190	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		200	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		220	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		240	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		260	Y	11.9			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		280	Y	11.6			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		300	Y	10.9			650	080

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		320	Y	10.0			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		340	Y	9.7			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		360	Y	9.2			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		380	Y	8.6			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		400	Y	8.1			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		420	Y	7.8			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		440	Y	7.5			650	080
03	04	69	17.9	RR	SH02	36	50	74	19	2000		10	02	05		460	Y	7.3			650	080
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		0	J	11.4	R	35.18	650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		5	Y	11.4			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		10	Y	11.4			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		15	Y	11.4			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		20	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		25	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		30	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		35	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		40	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		45	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		50	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		55	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		60	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		65	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		70	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		75	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		80	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		85	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		90	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		95	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		100	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		110	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		120	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		130	Y	11.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		140	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		150	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		160	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		170	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		180	Y	11.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		190	Y	11.5			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		200	Y	11.5			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		220	Y	11.5			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		240	Y	11.4			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		260	Y	11.1			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		280	Y	9.9			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		300	Y	9.3			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		320	Y	9.0			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		340	Y	8.5			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		360	Y	8.1			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		380	Y	7.8			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		400	Y	7.2			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		420	Y	7.0			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		440	Y	6.9			650	075
03	04	69	18.3	RR	SH02	36	50	74	26	1700		10	02	04		460	Y	6.7			650	075
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		0	J	11.4	R	34.95	650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		5	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		10	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		15	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		20	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		25	Y	11.3			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		30	Y	11.3			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		35	Y	11.3			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		40	Y	11.3			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		45	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		50	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		55	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		60	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		65	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		70	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		75	Y	11.2			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		80	Y	11.2			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		85	Y	11.2			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		90	Y	11.2			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		95	Y	11.2			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		100	Y	11.2			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		110	Y	11.2			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		120	Y	11.2			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		130	Y	11.2			650	070

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		140	Y	11.2			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		150	Y	11.3			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		160	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		170	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		180	Y	11.5			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		190	Y	11.5			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		200	Y	11.5			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		220	Y	11.6			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		240	Y	11.5			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		260	Y	11.4			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		280	Y	10.7			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		300	Y	10.0			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		320	Y	9.2			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		340	Y	8.8			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		360	Y	8.5			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		380	Y	8.1			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		400	Y	7.6			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		420	Y	7.2			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		440	Y	6.9			650	070
03	04	69	18.7	RR	SH02	36	50	74	32	1300		10	02	03		460	Y	6.7			650	070
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		0	Y	7.2	R	34.07	650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		5	Y	7.2			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		10	Y	7.1			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		15	Y	7.3			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		20	Y	7.4			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		25	Y	7.5			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		30	Y	7.5			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		35	Y	7.6			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		40	Y	8.0			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		45	Y	8.5			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		50	Y	8.7			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		55	Y	9.0			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		60	Y	10.3			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		65	Y	10.6			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		70	Y	10.7			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		75	Y	10.9			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		80	Y	11.0			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		85	Y	11.0			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		90	Y	11.0			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		95	Y	11.1			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		100	Y	11.1			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		110	Y	11.1			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		120	Y	11.1			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		130	Y	11.1			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		140	Y	11.2			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		150	Y	11.2			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		160	Y	11.2			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		170	Y	11.2			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		180	Y	11.0			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		190	Y	11.0			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		200	Y	11.1			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		220	Y	11.0			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		240	Y	10.7			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		260	Y	10.4			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		280	Y	10.2			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		300	Y	9.7			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		320	Y	9.6			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		340	Y	9.0			650	065
03	04	69	19.2	RR	SH02	36	50	74	38	360		08	02	03		360	Y	8.2			650	065
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		0	J	6.9	R	33.56	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		5	Y	6.9	R	33.43	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		10	Y	6.9	R	33.35	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		15	Y	6.9	R	32.98	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		20	Y	6.9	R	31.89	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		25	Y	6.9	R	33.54	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		30	Y	6.9	R	33.54	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		35	Y	6.9	R	33.53	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		40	Y	6.9	R	33.78	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		45	Y	6.9	R	34.11	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		50	Y	7.5	R	34.29	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		55	Y	7.8			650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		60	Y	8.5	R	34.98	650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		65	Y	9.8			650	060
03	04	69	19.8	RR	SH02	36	50	74	45	76		08	02	04		70	Y	10.5	R	34.09	650	060

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
03	04	69	20.7	RR	SH02	36	50	74	51	45			08	06	04			0	J	7.4	R	33.47	650	055
03	04	69	20.7	RR	SH02	36	50	74	51	45			08	06	04			5	Y	7.4	R	33.46	650	055
03	04	69	20.7	RR	SH02	36	50	74	51	45			08	06	04			10	Y	7.4	R	33.46	650	055
03	04	69	20.7	RR	SH02	36	50	74	51	45			08	06	04			15	Y	7.2	R	33.47	650	055
03	04	69	20.7	RR	SH02	36	50	74	51	45			08	06	04			20	Y	7.2	R	33.46	650	055
03	04	69	20.7	RR	SH02	36	50	74	51	45			08	06	04			25	Y	7.1	R	33.53	650	055
03	04	69	20.7	RR	SH02	36	50	74	51	45			08	06	04			30	Y	7.1	R	33.42	650	055
03	04	69	20.7	RR	SH02	36	50	74	51	45			08	06	04			35	Y	7.2	R	33.60	650	055
03	04	69	20.7	RR	SH02	36	50	74	51	45			08	06	04			40	Y	7.6	R	33.80	650	055
03	04	69	20.7	RR	SH02	36	50	74	51	45			08	06	04			45	Y	7.7	R	33.12	650	055
03	04	69	21.8	RR	SH02	36	50	74	37	40			10	07	03			0	J	7.2	R	33.18	650	050
03	04	69	21.8	RR	SH02	36	50	74	37	40			10	07	03			5	Y	7.2	R	33.27	650	050
03	04	69	21.8	RR	SH02	36	50	74	37	40			10	07	03			10	Y	7.2	R	31.92	650	050
03	04	69	21.8	RR	SH02	36	50	74	37	40			10	07	03			15	Y	7.2	R	33.12	650	050
03	04	69	21.8	RR	SH02	36	50	74	37	40			10	07	03			20	Y	7.2	R	33.24	650	050
03	04	69	21.8	RR	SH02	36	50	74	37	40			10	07	03			25	Y	7.2	R	33.25	650	050
03	04	69	21.8	RR	SH02	36	50	74	37	40			10	07	03			30	Y	7.2	R	33.13	650	050
03	04	69	21.8	RR	SH02	36	50	74	37	40			10	07	03			35	Y	7.2	R	33.25	650	050
03	04	69	22.5	RR	SH02	36	50	75	03	35			08	06	05			0	J	7.3	R	33.21	650	045
03	04	69	22.5	RR	SH02	36	50	75	03	35			08	06	05			5	W	7.3			650	045
03	04	69	22.5	RR	SH02	36	50	75	03	35			08	06	05			10	W	7.2			650	045
03	04	69	22.5	RR	SH02	36	50	75	03	35			08	06	05			15	W	7.3			650	045
03	04	69	22.5	RR	SH02	36	50	75	03	35			08	06	05			20	W	7.2			650	045
03	04	69	22.5	RR	SH02	36	50	75	03	35			08	06	05			25	W	7.0			650	045
03	04	69	22.5	RR	SH02	36	50	75	03	35			08	06	05			30	W	6.9			650	045
03	04	69	23.1	RR	SH02	36	50	75	10	32			08	06	04			0	J	7.1	R	33.00	650	040
03	04	69	23.1	RR	SH02	36	50	75	10	32			08	06	04			5	W	7.1	R	32.97	650	040
03	04	69	23.1	RR	SH02	36	50	75	10	32			08	06	04			10	W	7.1	R	32.97	650	040
03	04	69	23.1	RR	SH02	36	50	75	10	32			08	06	04			15	W	7.0	R	32.97	650	040
03	04	69	23.1	RR	SH02	36	50	75	10	32			08	06	04			20	W	6.9	R	32.97	650	040
03	04	69	23.1	RR	SH02	36	50	75	10	32			08	06	04			25	W	7.0	R	32.98	650	040
04	04	69	00.0	RR	SH02	36	50	75	16	27			08	06	04			0	J	7.4	R	32.74	650	035
04	04	69	00.0	RR	SH02	36	50	75	16	27			08	06	04			5	W	7.4			650	035
04	04	69	00.0	RR	SH02	36	50	75	16	27			08	06	04			10	W	7.5			650	035
04	04	69	00.0	RR	SH02	36	50	75	16	27			08	06	04			15	W	6.9			650	035
04	04	69	00.0	RR	SH02	36	50	75	16	27			08	06	04			20	W	6.9			650	035
04	04	69	00.0	RR	SH02	36	50	75	16	27			08	06	04			25	W	6.9			650	035
04	04	69	00.5	RR	SH02	36	50	75	22	28			08	06	04			0	J	7.5	R	32.73	650	030
04	04	69	00.5	RR	SH02	36	50	75	22	28			08	06	04			5	W	7.4	R	32.72	650	030
04	04	69	00.5	RR	SH02	36	50	75	22	28			08	06	04			10	W	7.4	R	32.71	650	030
04	04	69	00.5	RR	SH02	36	50	75	22	28			08	06	04			15	W	7.2	R	32.72	650	030
04	04	69	00.5	RR	SH02	36	50	75	22	28			08	06	04			20	W	6.8	R	32.77	650	030
04	04	69	00.5	RR	SH02	36	50	75	22	28			08	06	04			25	W	6.8	R	32.81	650	030
04	04	69	01.2	RR	SH02	36	50	75	29	23			09	07	04			0	J	7.4	R	32.56	650	025
04	04	69	01.2	RR	SH02	36	50	75	29	23			09	07	04			5	W	7.5			650	025
04	04	69	01.2	RR	SH02	36	50	75	29	23			09	07	04			10	W	7.4			650	025
04	04	69	01.2	RR	SH02	36	50	75	29	23			09	07	04			15	W	7.0			650	025
04	04	69	01.2	RR	SH02	36	50	75	29	23			09	07	04			20	W	6.9			650	025
04	04	69	01.8	RR	SH02	36	50	75	35	18			09	08	04			0	J	7.6	R	32.29	650	020
04	04	69	01.8	RR	SH02	36	50	75	35	18			09	08	04			5	W	7.6	R	32.23	650	020
04	04	69	01.8	RR	SH02	36	50	75	35	18			09	08	04			10	W	7.2	R	32.46	650	020
04	04	69	01.8	RR	SH02	36	50	75	35	18			09	08	04			15	W	6.9	R	32.66	650	020
04	04	69	02.5	RR	SH02	36	50	75	41	20			10	08	03			0	J	7.6	R	31.57	650	015
04	04	69	02.5	RR	SH02	36	50	75	41	20			10	08	03			5	W	7.7			650	015
04	04	69	02.5	RR	SH02	36	50	75	41	20			10	08	03			10	W	6.7			650	015
04	04	69	02.5	RR	SH02	36	50	75	41	20			10	08	03			15	W	6.6			650	015
04	04	69	02.5	RR	SH02	36	50	75	41	20			10	08	03			20	W	6.6			650	015

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰					
04	04	69	03.2	RR	SH02	36	50	75	47	17			10	08	03			0	J	8.0	R	30.35			650	010		
04	04	69	03.2	RR	SH02	36	50	75	47	17			10	08	03			5	W	8.0	R	30.31			650	010		
04	04	69	03.2	RR	SH02	36	50	75	47	17			10	08	03			10	W	8.0	R	30.50			650	010		
04	04	69	03.2	RR	SH02	36	50	75	47	17			10	08	03			15	W	6.4	R	32.04			650	010		

SHS 3-69 21 and 22 August 1969

Stations Sampled

659-25	659-75	659-125	659-73
659-30	659-80	659-130	659-78
659-35	659-85	659-135	700-15
659-40	659-90	659-140	700-20
659-45	659-95	659-145	701-10
659-50	659-100	659-150	701-15
659-55	659-105	659-53	710-20
659-60	659-110	659-58	710-25
659-65	659-115	659-63	710-30
659-70	659-120	659-68	

Sampling Sequence

Date	Time	Station
21 Aug.	09.9	701-10
	10.5	701-15
	11.1	710-20
	11.6	710-25
	12.5	710-30
	13.1	659-35
	13.8	659-40
	14.1	659-45
	14.6	659-50
	15.0	659-53
	15.2	659-55
	15.5	659-58
	15.7	659-60
	16.0	659-63
	16.2	659-65
	16.5	659-68
	16.7	659-70
	17.0	659-73
	17.2	659-75
	17.5	659-78
	17.8	659-80
	18.3	659-85
	18.9	659-90
	19.4	659-95
	20.0	659-100
	20.5	659-105
	21.1	659-110
	21.6	659-115
	22.1	659-120
	22.7	659-125
	23.3	659-130
	23.9	659-135
22 Aug.	00.5	659-140
	01.0	659-145
	01.6	659-150
	02.2	659-145
	02.7	659-140
	03.1	659-135
	03.5	659-130
	03.9	659-125
	04.4	659-120
	04.9	659-115
	05.3	659-110
	05.8	659-105
	06.2	659-100
	06.9	659-95
	07.5	659-90
	08.9	659-85
	08.4	659-80
	08.7	659-78
	08.9	659-75
	09.2	659-73
	09.4	659-70
	09.7	659-68
	09.9	659-65
	10.1	659-63
	10.7	659-58
	11.0	659-55
	11.3	659-52
	11.6	659-50
	12.0	659-45
	12.4	659-40
	12.9	659-35
	13.5	659-30
	14.0	659-25
	14.5	700-20
	15.0	700-15
	15.6	701-10

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		STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
21	08	69	09.9	RR	SH03	37	015	75	475	14			18	02	07			0	P	18.40	R	32.53			701	010
21	08	69	09.9	RR	SH03	37	015	75	475	14			18	02	07			5	W	18.30					701	010
21	08	69	09.9	RR	SH03	37	015	75	475	14			18	02	07			10	W	18.20					701	010
21	08	69	09.9	RR	SH03	37	015	75	475	14			18	02	07			14	W	18.10					701	010
21	08	69	10.5	RR	SH03	37	015	75	412	19			19	01	08			0	P	20.30	R	31.96			701	015
21	08	69	10.5	RR	SH03	37	015	75	412	19			19	01	08			5	W	20.00					701	015
21	08	69	10.5	RR	SH03	37	015	75	412	19			19	01	08			10	W	19.60					701	015
21	08	69	10.5	RR	SH03	37	015	75	412	19			19	01	08			13	W	19.00					701	015
21	08	69	10.5	RR	SH03	37	015	75	412	19			19	01	08			15	W	18.80					701	015
21	08	69	10.5	RR	SH03	37	015	75	412	19			19	01	08			19	W	18.70					701	015
21	08	69	11.1	RR	SH03	37	000	75	350	21			20	36	09			0	P	22.90	R	31.63			700	020
21	08	69	11.1	RR	SH03	37	000	75	350	21			20	36	09			5	W	22.90					700	020
21	08	69	11.1	RR	SH03	37	000	75	350	21			20	36	09			7	W	22.90					700	020
21	08	69	11.1	RR	SH03	37	000	75	350	21			20	36	09			10	W	20.00					700	020
21	08	69	11.1	RR	SH03	37	000	75	350	21			20	36	09			13	W	17.40					700	020
21	08	69	11.1	RR	SH03	37	000	75	350	21			20	36	09			17	W	17.20					700	020
21	08	69	11.1	RR	SH03	37	000	75	350	21			20	36	09			21	W	16.50					700	020
21	08	69	11.6	RR	SH03	37	000	75	287	26			20	36	07			0	P	23.00	R	31.49			700	025
21	08	69	11.6	RR	SH03	37	000	75	287	26			20	36	07			5	W	23.00					700	025
21	08	69	11.6	RR	SH03	37	000	75	287	26			20	36	07			7	W	22.90					700	025
21	08	69	11.6	RR	SH03	37	000	75	287	26			20	36	07			10	W	22.70					700	025
21	08	69	11.6	RR	SH03	37	000	75	287	26			20	36	07			14	W	15.20					700	025
21	08	69	11.6	RR	SH03	37	000	75	287	26			20	36	07			20	W	14.50					700	025
21	08	69	11.6	RR	SH03	37	000	75	287	26			20	36	07			26	W	13.30					700	025
21	08	69	12.5	RR	SH03	37	000	75	224	28			21	36	07			0	P	23.60	R	30.85			700	030
21	08	69	12.5	RR	SH03	37	000	75	224	28			21	36	07			11	W	23.00					700	030
21	08	69	12.5	RR	SH03	37	000	75	224	28			21	36	07			18	W	12.40					700	030
21	08	69	12.5	RR	SH03	37	000	75	224	28			21	36	07			28	W	11.30					700	030
21	08	69	13.1	RR	SH03	36	590	75	168	30			21	36	08			0	P	23.80	R	30.92			659	035
21	08	69	13.1	RR	SH03	36	590	75	168	30			21	36	08			8	W	23.80					659	035
21	08	69	13.1	RR	SH03	36	590	75	168	30			21	36	08			10	W	23.20					659	035
21	08	69	13.1	RR	SH03	36	590	75	168	30			21	36	08			13	W	19.50					659	035
21	08	69	13.1	RR	SH03	36	590	75	168	30			21	36	08			15	W	11.40					659	035
21	08	69	13.1	RR	SH03	36	590	75	168	30			21	36	08			30	W	10.50					659	035
21	08	69	13.8	RR	SH03	36	590	75	091	39			21	01	08			0	P	24.20	R	31.58			659	040
21	08	69	13.8	RR	SH03	36	590	75	091	39			21	01	08			2	Y	24.10					659	040
21	08	69	13.8	RR	SH03	36	590	75	091	39			21	01	08			16	Y	24.10					659	040
21	08	69	13.8	RR	SH03	36	590	75	091	39			21	01	08			28	Y	08.90					659	040
21	08	69	13.8	RR	SH03	36	590	75	091	39			21	01	08			39	Y	08.90					659	040
21	08	69	14.1	RR	SH03	36	590	75	042	39			21	01	08			0	P	24.20	R	32.33			659	045
21	08	69	14.1	RR	SH03	36	590	75	042	39			21	01	08			17	Y	24.20					659	045
21	08	69	14.1	RR	SH03	36	590	75	042	39			21	01	08			20	Y	14.50					659	045
21	08	69	14.1	RR	SH03	36	590	75	042	39			21	01	08			21	Y	14.70					659	045
21	08	69	14.1	RR	SH03	36	590	75	042	39			21	01	08			25	Y	08.80					659	045
21	08	69	14.1	RR	SH03	36	590	75	042	39			21	01	08			27	Y	08.70					659	045
21	08	69	14.1	RR	SH03	36	590	75	042	39			21	01	08			39	Y	08.70					659	045
21	08	69	14.6	RR	SH03	36	590	74	577	44			22	01	09			0	P	24.60	R	32.36			659	050
21	08	69	14.6	RR	SH03	36	590	74	577	44			22	01	09			12	Y	24.40					659	050
21	08	69	14.6	RR	SH03	36	590	74	577	44			22	01	09			16	Y	19.60					659	050
21	08	69	14.6	RR	SH03	36	590	74	577	44			22	01	09			20	Y	16.80					659	050
21	08	69	14.6	RR	SH03	36	590	74	577	44			22	01	09			29	Y	10.60					659	050
21	08	69	14.6	RR	SH03	36	590	74	577	44			22	01	09			40	Y	09.60					659	050
21	08	69	14.6	RR	SH03	36	590	74	577	44			22	01	09			44	Y	09.60					659	050
21	08	69	15.0	RR	SH03	36	590	74	550	48			22	01	09			0	P	24.60	R	32.31			659	053
21	08	69	15.0	RR	SH03	36	590	74	550	48			22	01	09			13	Y	24.60					659	053
21	08	69	15.0	RR	SH03	36	590	74	550	48			22	01	09			22	Y	15.60					659	053

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 ‰	STATION DESIGNATION	
21	08	69	15.0	RR	SH03	36	590	74	550	48		22	01	09		29	Y	10.80			659	053
21	08	69	15.0	RR	SH03	36	590	74	550	48		22	01	09		35	Y	10.10			659	053
21	08	69	15.0	RR	SH03	36	590	74	550	48		22	01	09		48	Y	09.90			659	053
21	08	69	15.2	RR	SH03	36	590	74	517	50		22	01	08		0	P	24.70	R	32.71	659	055
21	08	69	15.2	RR	SH03	36	590	74	517	50		22	01	08		14	Y	24.60			659	055
21	08	69	15.2	RR	SH03	36	590	74	517	50		22	01	08		19	Y	21.60			659	055
21	08	69	15.2	RR	SH03	36	590	74	517	50		22	01	08		24	Y	17.10			659	055
21	08	69	15.2	RR	SH03	36	590	74	517	50		22	01	08		27	Y	16.10			659	055
21	08	69	15.2	RR	SH03	36	590	74	517	50		22	01	08		31	Y	14.60			659	055
21	08	69	15.2	RR	SH03	36	590	74	517	50		22	01	08		34	Y	11.30			659	055
21	08	69	15.2	RR	SH03	36	590	74	517	50		22	01	08		47	Y	09.40			659	055
21	08	69	15.2	RR	SH03	36	590	74	517	50		22	01	08		49	Y	09.60			659	055
21	08	69	15.2	RR	SH03	36	590	74	517	50		22	01	08		50	Y	09.60			659	055
21	08	69	15.5	RR	SH03	36	590	74	486	55		22	01	08		0	P	24.90	R	32.47	659	058
21	08	69	15.5	RR	SH03	36	590	74	486	55		22	01	08		14	Y	24.90			659	058
21	08	69	15.5	RR	SH03	36	590	74	486	55		22	01	08		24	Y	16.60			659	058
21	08	69	15.5	RR	SH03	36	590	74	486	55		22	01	08		30	Y	12.60			659	058
21	08	69	15.5	RR	SH03	36	590	74	486	55		22	01	08		38	Y	10.30			659	058
21	08	69	15.5	RR	SH03	36	590	74	486	55		22	01	08		53	Y	10.30			659	058
21	08	69	15.5	RR	SH03	36	590	74	486	55		22	01	08		55	Y	10.50			659	058
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		0	P	25.10	R	32.43	659	060
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		10	Y	25.10			659	060
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		16	Y	24.90			659	060
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		22	Y	19.30			659	060
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		27	Y	16.30			659	060
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		29	Y	16.30			659	060
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		33	Y	14.80			659	060
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		35	Y	14.90			659	060
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		40	Y	10.30			659	060
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		47	Y	10.30			659	060
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		50	Y	10.70			659	060
21	08	69	15.7	RR	SH03	36	590	74	453	64		22	01	07		64	Y	10.80			659	060
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		0	P	25.10	R	32.74	659	063
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		12	Y	25.10			659	063
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		20	Y	19.30			659	063
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		22	Y	18.90			659	063
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		33	Y	12.20			659	063
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		34	Y	12.30			659	063
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		46	Y	09.50			659	063
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		53	Y	09.40			659	063
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		58	Y	09.50			659	063
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		68	Y	11.30			659	063
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		74	Y	11.60			659	063
21	08	69	16.0	RR	SH03	36	590	74	425	79		23	01	07		79	Y	11.60			659	063
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		0	P	25.10	R	33.16	659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		10	Y	25.10			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		13	Y	25.00			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		15	Y	25.00			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		25	Y	16.60			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		26	Y	16.50			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		31	Y	11.90			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		34	Y	11.30			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		52	Y	10.40			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		58	Y	10.40			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		70	Y	11.90			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		74	Y	11.90			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		76	Y	11.80			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		78	Y	12.10			659	065
21	08	69	16.2	RR	SH03	36	590	74	392	95		23	01	07		95	Y	11.80			659	065
21	08	69	16.5	RR	SH03	36	590	74	360	490		22	01	07		0	P	25.20	R	33.14	659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490		22	01	07		12	Y	25.20			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490		22	01	07		18	Y	24.60			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490		22	01	07		35	Y	12.80			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490		22	01	07		38	Y	13.30			659	068

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
21	08	69	16.5	RR	SH03	36	590	74	360	490			22	01	07			45	Y	10.90			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490			22	01	07			49	Y	11.50			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490			22	01	07			54	Y	10.50			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490			22	01	07			58	Y	10.50			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490			22	01	07			60	Y	11.20			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490			22	01	07			100	Y	12.70			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490			22	01	07			200	Y	10.90			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490			22	01	07			300	Y	07.70			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490			22	01	07			370	Y	06.60			659	068
21	08	69	16.5	RR	SH03	36	590	74	360	490			22	01	07			450	Y	05.60			659	068
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			0	P	25.30	R	33.17	659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			4	Y	25.20			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			18	Y	25.20			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			31	Y	12.00			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			35	Y	12.30			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			40	Y	11.10			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			70	Y	11.50			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			95	Y	12.70			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			110	Y	12.70			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			155	Y	11.50			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			200	Y	10.90			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			235	Y	09.70			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			310	Y	07.90			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			350	Y	07.40			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			390	Y	06.30			659	070
21	08	69	16.7	RR	SH03	36	590	74	330	1300			22	01	07			450	Y	05.60			659	070
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			0	P	25.10	R	33.34	659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			18	Y	25.10			659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			29	Y	14.10			659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			40	Y	09.60			659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			54	Y	11.60			659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			59	Y	11.30			659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			72	Y	13.10			659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			80	Y	12.30			659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			100	Y	12.50			659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			122	Y	11.60			659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			200	Y	10.60			659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			300	Y	08.00			659	073
21	08	69	17.0	RR	SH03	36	590	74	300	1600			22	01	06			450	Y	05.60			659	073
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			0	P	25.30	R	33.60	659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			15	Y	25.30			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			27	Y	13.80			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			33	Y	14.50			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			37	Y	13.20			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			41	Y	15.40			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			51	Y	12.40			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			60	Y	14.70			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			75	Y	12.80			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			95	Y	13.10			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			165	Y	11.50			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			200	Y	11.10			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			320	Y	08.00			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			400	Y	06.60			659	075
21	08	69	17.2	RR	SH03	36	590	74	265	1800			22	01	07			450	Y	06.00			659	075
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			0	P	25.20	R	33.46	659	078
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			15	Y	25.20			659	078
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			36	Y	10.70			659	078
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			44	Y	09.70			659	078
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			62	Y	14.40			659	078
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			81	Y	14.50			659	078
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			105	Y	13.20			659	078
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			170	Y	11.30			659	078
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			240	Y	10.40			659	078
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			335	Y	07.70			659	078
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			370	Y	07.00			659	078
21	08	69	17.5	RR	SH03	36	590	74	240	1800			22	01	06			450	Y	05.90			659	078
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			0	P	25.40	R	33.44	659	080

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST				TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	WATER DEPTH M				DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			15	Y	25.40			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			18	Y	25.10			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			27	Y	18.40			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			30	Y	18.60			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			36	Y	17.00			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			39	Y	17.20			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			46	Y	16.20			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			76	Y	14.20			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			100	Y	13.90			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			140	Y	12.50			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			170	Y	11.70			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			230	Y	11.50			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			350	Y	08.00			659	080
21	08	69	17.8	RR	SH03	36	590	74	205	1900			22	01	07			450	Y	06.20			659	080
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			0	P	25.30	R	33.71	659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			13	Y	25.30			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			18	Y	24.80			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			30	Y	19.10			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			34	Y	19.00			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			40	Y	17.80			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			43	Y	17.60			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			58	Y	15.00			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			69	Y	14.90			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			73	Y	14.20			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			90	Y	13.90			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			104	Y	13.90			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			180	Y	11.50			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			250	Y	10.60			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			340	Y	08.30			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			435	Y	06.30			659	085
21	08	69	18.3	RR	SH03	36	590	74	140	1900			22	01	07			450	Y	06.10			659	085
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			0	P	25.20	R	33.13	659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			15	Y	25.20			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			19	Y	25.00			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			35	Y	17.00			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			38	Y	17.10			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			41	Y	16.30			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			45	Y	16.50			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			58	Y	15.10			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			80	Y	14.50			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			89	Y	14.60			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			160	Y	12.00			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			190	Y	11.50			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			220	Y	11.10			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			337	Y	08.80			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			384	Y	07.20			659	090
21	08	69	18.9	RR	SH03	36	590	74	080	2100			22	01	07			450	Y	06.10			659	090
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			0	P	24.90	R	32.97	659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			13	Y	24.90			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			24	Y	19.60			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			36	Y	16.70			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			39	Y	16.90			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			60	Y	14.70			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			65	Y	14.50			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			72	Y	14.70			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			73	Y	15.00			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			80	Y	15.00			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			114	Y	13.10			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			155	Y	11.80			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			234	Y	10.80			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			302	Y	09.00			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			400	Y	07.00			659	095
21	08	69	19.4	RR	SH03	36	590	74	012	2400			22	01	07			450	Y	06.30			659	095
21	08	69	20.0	RR	SH03	36	590	73	555	2400			22	03	07			0	P	24.70	R	32.73	659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400			22	03	07			15	Y	24.70			659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400			22	03	07			25	Y	16.60			659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400			22	03	07			32	Y	14.50			659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400			22	03	07			38	Y	15.50			659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400			22	03	07			63	Y	12.90			659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400			22	03	07			68	Y	13.10			659	100

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
21	08	69	20.0	RR	SH03	36	590	73	555	2400		22	03	07		90	Y	13.80			659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400		22	03	07		160	Y	11.90			659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400		22	03	07		220	Y	11.10			659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400		22	03	07		300	Y	09.30			659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400		22	03	07		360	Y	07.50			659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400		22	03	07		400	Y	06.70			659	100
21	08	69	20.0	RR	SH03	36	590	73	555	2400		22	03	07		450	Y	06.10			659	100
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		0	P	24.60	R	32.66	659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		15	Y	24.60			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		22	Y	19.80			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		33	Y	16.60			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		36	Y	16.60			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		43	Y	11.10			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		49	Y	11.70			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		50	Y	11.20			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		66	Y	13.30			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		84	Y	13.00			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		86	Y	13.30			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		129	Y	12.10			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		180	Y	11.30			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		230	Y	10.70			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		387	Y	06.70			659	105
21	08	69	20.5	RR	SH03	36	590	73	490	2600		22	03	07		450	Y	05.90			659	105
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		0	P	24.40	R	32.82	659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		2	Y	24.50			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		20	Y	24.50			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		38	Y	13.80			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		48	Y	13.70			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		56	Y	13.20			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		60	Y	13.50			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		75	Y	13.30			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		80	Y	13.70			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		145	Y	11.60			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		210	Y	10.90			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		310	Y	08.20			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		380	Y	06.90			659	110
21	08	69	21.1	RR	SH03	36	590	73	430	2700		22	03	06		450	Y	06.00			659	110
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		0	P	24.40	R	33.76	659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		18	Y	24.40			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		28	Y	16.40			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		30	Y	15.40			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		32	Y	15.60			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		35	Y	14.60			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		38	Y	14.90			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		49	Y	13.50			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		54	Y	14.20			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		60	Y	13.90			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		70	Y	14.50			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		150	Y	11.70			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		205	Y	11.10			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		360	Y	07.20			659	115
21	08	69	21.6	RR	SH03	36	590	73	367	2700		22	03	06		450	Y	06.70			659	115
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		0	P	24.00	R	34.26	659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		15	Y	24.00			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		22	Y	18.50			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		28	Y	17.60			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		33	Y	14.80			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		45	Y	14.30			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		48	Y	14.50			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		55	Y	14.00			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		60	Y	14.80			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		123	Y	12.10			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		220	Y	10.50			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		225	Y	10.20			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		269	Y	09.30			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		318	Y	08.50			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		330	Y	07.80			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		420	Y	06.00			659	120
21	08	69	22.1	RR	SH03	36	590	73	306	2700		22	03	07		450	Y	05.60			659	120

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION			
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰				
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			0	P	23.30	R	34.30			659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			18	Y	23.30					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			31	Y	15.00					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			34	Y	15.30					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			43	Y	14.40					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			47	Y	14.60					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			61	Y	13.90					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			73	Y	14.30					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			160	Y	11.70					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			240	Y	10.50					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			245	Y	10.70					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			300	Y	09.30					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			330	Y	09.20					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			380	Y	08.00					659	125	
21	08	69	22.7	RR	SH03	36	590	73	245	2700			22	03	07			450	Y	07.20					659	125	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			0	P	24.30	R	34.49			659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			18	Y	24.30					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			27	Y	15.30					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			31	Y	15.00					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			38	Y	15.50					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			55	Y	13.50					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			69	Y	13.50					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			73	Y	14.00					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			90	Y	14.00					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			140	Y	12.00					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			210	Y	11.10					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			240	Y	10.50					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			275	Y	09.10					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			360	Y	07.20					659	130	
21	08	69	23.3	RR	SH03	36	590	73	180	2800			22	03	06			450	Y	05.80					659	130	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			0	P	24.50	R	34.57			659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			19	Y	24.50					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			23	Y	19.90					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			36	Y	16.80					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			39	Y	17.00					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			41	Y	15.60					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			45	Y	15.20					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			49	Y	15.60					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			52	Y	15.00					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			67	Y	14.70					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			70	Y	13.90					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			84	Y	13.90					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			140	Y	12.00					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			205	Y	10.90					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			300	Y	07.90					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			350	Y	06.70					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			400	Y	06.00					659	135	
21	08	69	23.9	RR	SH03	36	590	73	120	2900			22	03	06			450	Y	05.40					659	135	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			0	P	23.80	R	34.62			659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			21	Y	23.80					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			33	Y	16.30					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			50	Y	13.30					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			60	Y	12.70					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			70	Y	13.30					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			78	Y	13.00					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			85	Y	13.00					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			86	Y	13.10					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			90	Y	12.80					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			106	Y	12.80					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			113	Y	12.50					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			190	Y	11.20					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			270	Y	08.10					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			300	Y	07.30					659	140	
22	08	69	00.5	RR	SH03	36	590	73	056	3000			22	03	05			450	Y	05.40					659	140	
22	08	69	01.0	RR	SH03	36	590	72	594	3000			22	03	05			0	P	24.20	R	34.54			659	145	
22	08	69	01.0	RR	SH03	36	590	72	594	3000			22	03	05			12	Y	24.20					659	145	
22	08	69	01.0	RR	SH03	36	590	72	594	3000			22	03	05			19	Y	21.20					659	145	
22	08	69	01.0	RR	SH03	36	590	72	594	3000			22	03	05			23	Y	17.70					659	145	
22	08	69	01.0	RR	SH03	36	590	72	594	3000			22	03	05			29	Y	15.40					659	145	
22	08	69	01.0	RR	SH03	36	590	72	594	3000			22	03	05			36	Y	13.90					659	145	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
22	08	69	01.0	RR	SH03	36	590	72	594	3000		22	03	05		45	Y	13.20			659	145
22	08	69	01.0	RR	SH03	36	590	72	594	3000		22	03	05		51	Y	13.00			659	145
22	08	69	01.0	RR	SH03	36	590	72	594	3000		22	03	05		55	Y	13.40			659	145
22	08	69	01.0	RR	SH03	36	590	72	594	3000		22	03	05		60	Y	13.50			659	145
22	08	69	01.0	RR	SH03	36	590	72	594	3000		22	03	05		72	Y	13.70			659	145
22	08	69	01.0	RR	SH03	36	590	72	594	3000		22	03	05		118	Y	12.00			659	145
22	08	69	01.0	RR	SH03	36	590	72	594	3000		22	03	05		142	Y	11.50			659	145
22	08	69	01.0	RR	SH03	36	590	72	594	3000		22	03	05		196	Y	10.80			659	145
22	08	69	01.0	RR	SH03	36	590	72	594	3000		22	03	05		256	Y	08.50			659	145
22	08	69	01.0	RR	SH03	36	590	72	594	3000		22	03	05		350	Y	06.70			659	145
22	08	69	01.0	RR	SH03	36	590	72	594	3000		22	03	05		450	Y	05.40			659	145
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		0	P	24.50	R	34.64	659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		3	Y	24.60			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		18	Y	24.60			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		28	Y	17.90			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		50	Y	14.10			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		53	Y	14.50			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		74	Y	14.20			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		90	Y	13.40			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		112	Y	13.10			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		140	Y	12.00			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		180	Y	11.30			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		210	Y	10.80			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		260	Y	09.40			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		352	Y	07.20			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		390	Y	06.50			659	150
22	08	69	01.6	RR	SH03	36	590	72	530	3000		23	03	05		450	Y	05.90			659	150
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		0	P	24.10	R	34.62	659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		18	Y	24.10			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		22	Y	20.00			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		30	Y	15.50			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		36	Y	14.30			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		50	Y	13.00			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		60	Y	13.60			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		70	Y	13.60			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		107	Y	13.00			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		155	Y	11.30			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		185	Y	10.90			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		220	Y	10.00			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		270	Y	08.30			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		360	Y	06.40			659	145
22	08	69	02.2	RR	SH03	36	590	72	594	3000		22	03	06		450	Y	05.50			659	145
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		0	P	23.80	R	34.64	659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		14	Y	23.80			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		19	Y	23.70			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		26	Y	17.50			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		34	Y	15.00			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		50	Y	13.00			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		60	Y	12.50			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		67	Y	12.50			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		70	Y	12.80			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		75	Y	12.70			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		80	Y	13.00			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		90	Y	13.00			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		95	Y	12.50			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		105	Y	12.40			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		170	Y	11.40			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		248	Y	08.50			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		300	Y	07.00			659	140
22	08	69	02.7	RR	SH03	36	590	73	056	3000		22	03	05		450	Y	05.40			659	140
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		0	P	24.20	R	34.56	659	135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		19	Y	24.20			659	135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		23	Y	19.30			659	135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		27	Y	18.20			659	135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		39	Y	15.50			659	135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		43	Y	15.50			659	135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		48	Y	15.70			659	135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		60	Y	15.40			659	135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		120	Y	12.60			659	135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		150	Y	11.80			659	135

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰	
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		205	Y	10.80			659 135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		310	Y	07.70			659 135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		363	Y	06.50			659 135
22	08	69	03.1	RR	SH03	36	590	73	120	2900		23	03	05		450	Y	05.60			659 135
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		0	P	24.30	R	34.41	659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		16	Y	24.30			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		19	Y	24.10			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		25	Y	16.10			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		27	Y	16.70			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		30	Y	15.60			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		46	Y	14.80			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		50	Y	13.90			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		69	Y	13.40			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		78	Y	13.90			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		100	Y	13.60			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		150	Y	11.90			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		210	Y	11.00			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		300	Y	08.70			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		375	Y	07.10			659 130
22	08	69	03.5	RR	SH03	36	590	73	180	2800		23	03	05		450	Y	05.90			659 130
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		0	P	23.60	R	34.35	659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		14	Y	23.60			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		17	Y	23.50			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		21	Y	18.80			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		22	Y	19.10			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		31	Y	14.60			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		36	Y	15.00			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		50	Y	13.60			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		64	Y	13.20			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		73	Y	13.80			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		129	Y	12.30			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		133	Y	12.00			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		161	Y	11.30			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		220	Y	10.70			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		390	Y	06.50			659 125
22	08	69	03.9	RR	SH03	36	590	73	245	2700		23	03	06		450	Y	05.60			659 125
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		0	P	23.20	R	33.96	659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		15	Y	23.20			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		20	Y	18.70			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		21	Y	18.80			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		30	Y	15.20			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		38	Y	14.40			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		40	Y	14.90			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		50	Y	13.40			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		70	Y	13.10			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		80	Y	13.90			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		90	Y	13.40			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		100	Y	13.40			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		152	Y	11.50			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		180	Y	11.70			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		250	Y	09.90			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		300	Y	09.60			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		360	Y	08.20			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		410	Y	06.40			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		420	Y	06.80			659 120
22	08	69	04.4	RR	SH03	36	590	73	306	2700		23	03	06		450	Y	06.50			659 120
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		0	P	23.60	R	33.46	659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		11	Y	23.60			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		16	Y	23.50			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		22	Y	19.00			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		27	Y	18.80			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		31	Y	14.40			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		35	Y	14.50			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		41	Y	13.40			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		44	Y	14.40			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		50	Y	13.80			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		70	Y	13.90			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		95	Y	13.80			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		160	Y	11.60			659 115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		200	Y	11.20			659 115

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		250	Y	10.20			659	115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		300	Y	08.70			659	115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		390	Y	06.70			659	115
22	08	69	04.9	RR	SH03	36	590	73	367	2700		23	03	07		450	Y	06.00			659	115
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		0	P	24.00	R	33.01	659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		18	Y	23.90			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		25	Y	18.30			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		27	Y	18.10			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		31	Y	14.50			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		36	Y	15.00			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		48	Y	13.50			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		50	Y	13.80			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		68	Y	13.30			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		80	Y	13.30			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		103	Y	13.50			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		118	Y	12.60			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		155	Y	11.60			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		233	Y	10.80			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		272	Y	09.50			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		400	Y	06.60			659	110
22	08	69	05.3	RR	SH03	36	590	73	430	2700		23	03	07		450	Y	05.90			659	110
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		0	P	24.20	R	32.68	659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		12	Y	24.20			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		22	Y	18.80			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		26	Y	18.40			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		28	Y	18.60			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		37	Y	14.30			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		40	Y	15.00			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		45	Y	15.00			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		50	Y	14.00			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		54	Y	14.10			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		70	Y	13.20			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		79	Y	13.20			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		92	Y	12.80			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		103	Y	12.90			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		173	Y	11.30			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		210	Y	11.10			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		325	Y	08.40			659	105
22	08	69	05.8	RR	SH03	36	590	73	490	2600		23	03	07		450	Y	06.00			659	105
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		0	P	24.30	R	32.70	659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		14	Y	24.30			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		20	Y	22.10			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		24	Y	18.80			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		28	Y	18.40			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		34	Y	15.80			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		37	Y	16.10			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		43	Y	14.60			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		45	Y	14.90			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		50	Y	13.20			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		53	Y	13.70			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		58	Y	13.40			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		60	Y	13.70			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		88	Y	12.90			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		101	Y	12.90			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		102	Y	12.80			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		109	Y	12.70			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		110	Y	12.90			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		120	Y	12.90			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		143	Y	11.90			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		216	Y	11.00			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		236	Y	11.00			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		380	Y	07.30			659	100
22	08	69	06.2	RR	SH03	36	590	73	555	2400		23	03	06		450	Y	06.30			659	100
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		0	P	24.50	R	32.86	659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		19	Y	24.50			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		32	Y	14.30			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		38	Y	15.90			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		40	Y	14.10			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		43	Y	14.10			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		50	Y	11.10			659	095

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		STATION DESIGNATION	
DAY	MONTH	YEAR	HRS. & TENTHS			DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		58	Y	12.40			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		62	Y	12.00			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		70	Y	12.80			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		80	Y	12.80			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		83	Y	13.10			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		98	Y	13.10			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		105	Y	13.40			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		111	Y	13.10			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		114	Y	13.20			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		170	Y	11.70			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		270	Y	10.40			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		300	Y	09.40			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		417	Y	06.70			659	095
22	08	69	06.9	RR	SH03	36	590	74	012	2400		24	01	06		450	Y	06.30			659	095
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		0	P	24.80	R	33.07	659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		18	Y	24.80			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		20	Y	25.00			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		38	Y	17.90			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		40	Y	18.20			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		42	Y	17.20			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		45	Y	17.20			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		50	Y	16.00			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		69	Y	15.00			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		73	Y	15.10			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		75	Y	14.80			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		130	Y	13.30			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		156	Y	12.10			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		172	Y	12.00			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		191	Y	11.40			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		244	Y	11.10			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		281	Y	10.40			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		337	Y	08.70			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		370	Y	07.80			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		382	Y	07.80			659	090
22	08	69	07.5	RR	SH03	36	590	74	080	2100		25	01	05		450	Y	06.50			659	090
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		0	P	25.00	R	33.68	659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		20	Y	25.00			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		46	Y	18.00			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		49	Y	18.50			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		51	Y	16.00			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		57	Y	15.60			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		61	Y	15.60			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		67	Y	14.60			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		72	Y	14.60			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		78	Y	14.10			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		89	Y	14.50			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		106	Y	13.60			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		158	Y	12.10			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		238	Y	10.80			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		250	Y	10.20			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		300	Y	09.30			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		390	Y	07.00			659	085
22	08	69	07.9	RR	SH03	36	590	74	140	1900		24	01	05		450	Y	06.20			659	085
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		0	P	25.00	R	33.59	659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		21	Y	25.00			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		24	Y	24.80			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		29	Y	19.80			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		40	Y	17.80			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		56	Y	14.20			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		60	Y	15.00			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		66	Y	14.50			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		70	Y	14.80			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		76	Y	14.40			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		94	Y	14.30			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		105	Y	14.00			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		145	Y	12.50			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		175	Y	11.40			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		231	Y	10.60			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		290	Y	09.20			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		390	Y	06.80			659	080
22	08	69	08.4	RR	SH03	36	590	74	205	1900		24	01	05		450	Y	06.00			659	080

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		0	P	25.20	R	33.02	659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		25	Y	25.20			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		36	Y	15.50			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		46	Y	10.10			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		60	Y	13.00			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		65	Y	12.90			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		73	Y	14.20			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		94	Y	14.00			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		130	Y	12.50			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		154	Y	12.10			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		230	Y	11.00			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		299	Y	09.60			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		311	Y	09.00			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		367	Y	07.80			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		381	Y	07.30			659	078
22	08	69	08.7	RR	SH03	36	590	74	240	1800		24	01	05		450	Y	06.20			659	078
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		0	P	25.20	R	33.25	659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		5	Y	25.10			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		20	Y	25.10			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		32	Y	13.70			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		35	Y	13.90			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		40	Y	10.90			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		58	Y	15.50			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		62	Y	14.90			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		74	Y	14.50			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		79	Y	14.60			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		160	Y	11.70			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		223	Y	10.90			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		330	Y	08.50			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		340	Y	08.00			659	075
22	08	69	08.9	RR	SH03	36	590	74	265	1800		24	01	05		450	Y	06.10			659	075
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		0	P	25.10	R	33.01	659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		8	Y	25.00			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		21	Y	25.00			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		27	Y	16.90			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		30	Y	16.20			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		33	Y	11.70			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		40	Y	09.80			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		46	Y	11.90			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		48	Y	11.50			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		74	Y	11.90			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		80	Y	12.90			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		90	Y	12.50			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		99	Y	13.10			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		103	Y	12.70			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		117	Y	12.70			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		127	Y	12.20			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		140	Y	12.20			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		157	Y	11.60			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		220	Y	10.90			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		272	Y	09.10			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		330	Y	07.70			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		370	Y	07.30			659	073
22	08	69	09.2	RR	SH03	36	590	74	300	1600		24	01	05		450	Y	05.90			659	073
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		0	P	25.10	R	32.95	659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		19	Y	25.10			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		21	Y	20.10			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		30	Y	13.90			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		32	Y	15.00			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		38	Y	11.00			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		80	Y	12.40			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		93	Y	12.60			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		100	Y	12.90			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		106	Y	12.80			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		123	Y	12.80			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		140	Y	11.90			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		153	Y	11.70			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		208	Y	10.70			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		248	Y	09.50			659	070
22	08	69	09.4	RR	SH03	36	590	74	330	1300		24	01	05		278	Y	09.20			659	070
22	08	69	09.7	RR	SH03	36	590	74	360	490		25	01	05		0	P	25.20	R	32.78	659	068

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			21	Y	25.10			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			27	Y	19.40			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			30	Y	15.90			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			33	Y	16.20			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			40	Y	11.50			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			50	Y	10.30			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			53	Y	11.60			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			61	Y	11.30			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			74	Y	13.00			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			150	Y	12.30			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			168	Y	11.60			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			225	Y	10.20			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			275	Y	08.20			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			290	Y	08.10			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			300	Y	07.50			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			350	Y	06.50			659	068
22	08	69	09.7	RR	SH03	36	590	74	360	490			25	01	05			450	Y	05.90			659	068
22	08	69	09.9	RR	SH03	36	590	74	392	95			25	01	05			0	P	25.20	R	32.73	659	065
22	08	69	09.9	RR	SH03	36	590	74	392	95			25	01	05			10	Y	25.10			659	065
22	08	69	09.9	RR	SH03	36	590	74	392	95			25	01	05			21	Y	25.10			659	065
22	08	69	09.9	RR	SH03	36	590	74	392	95			25	01	05			29	Y	12.90			659	065
22	08	69	09.9	RR	SH03	36	590	74	392	95			25	01	05			40	Y	10.90			659	065
22	08	69	09.9	RR	SH03	36	590	74	392	95			25	01	05			52	Y	09.80			659	065
22	08	69	09.9	RR	SH03	36	590	74	392	95			25	01	05			60	Y	10.50			659	065
22	08	69	09.9	RR	SH03	36	590	74	392	95			25	01	05			70	Y	12.30			659	065
22	08	69	09.9	RR	SH03	36	590	74	392	95			25	01	05			84	Y	11.90			659	065
22	08	69	09.9	RR	SH03	36	590	74	392	95			25	01	05			95	Y	12.10			659	065
22	08	69	10.1	RR	SH03	36	590	74	425	79			25	01	05			0	P	25.10	R	32.51	659	063
22	08	69	10.1	RR	SH03	36	590	74	425	79			25	01	05			10	Y	25.00			659	063
22	08	69	10.1	RR	SH03	36	590	74	425	79			25	01	05			20	Y	24.80			659	063
22	08	69	10.1	RR	SH03	36	590	74	425	79			25	01	05			36	Y	12.80			659	063
22	08	69	10.1	RR	SH03	36	590	74	425	79			25	01	05			40	Y	10.80			659	063
22	08	69	10.1	RR	SH03	36	590	74	425	79			25	01	05			48	Y	09.60			659	063
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			0	P	25.10	R	32.25	659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			3	Y	25.10			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			5	Y	25.00			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			11	Y	25.00			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			13	Y	25.01			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			15	Y	25.00			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			21	Y	16.00			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			23	Y	15.70			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			28	Y	11.90			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			30	Y	11.00			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			35	Y	08.60			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			36	Y	08.60			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			40	Y	09.60			659	058
22	08	69	10.7	RR	SH03	36	590	74	486	55			25	36	05			55	Y	09.60			659	058
22	08	69	11.0	RR	SH03	36	590	74	577	52			24	36	05			0	P	24.90	R	32.13	659	055
22	08	69	11.0	RR	SH03	36	590	74	577	52			24	36	05			3	Y	24.90			659	055
22	08	69	11.0	RR	SH03	36	590	74	577	52			24	36	05			10	Y	24.70			659	055
22	08	69	11.0	RR	SH03	36	590	74	577	52			24	36	05			15	Y	24.70			659	055
22	08	69	11.0	RR	SH03	36	590	74	577	52			24	36	05			20	Y	19.70			659	055
22	08	69	11.0	RR	SH03	36	590	74	577	52			24	36	05			25	Y	16.70			659	055
22	08	69	11.0	RR	SH03	36	590	74	577	52			24	36	05			31	Y	15.70			659	055
22	08	69	11.0	RR	SH03	36	590	74	577	52			24	36	05			34	Y	12.70			659	055
22	08	69	11.0	RR	SH03	36	590	74	577	52			24	36	05			42	Y	11.00			659	055
22	08	69	11.0	RR	SH03	36	590	74	577	52			24	36	05			52	Y	11.00			659	055
22	08	69	11.3	RR	SH03	36	590	74	550	47			24	36	05			0	P	24.80	R	32.24	659	052
22	08	69	11.3	RR	SH03	36	590	74	550	47			24	36	05			3	Y	24.80			659	052
22	08	69	11.3	RR	SH03	36	590	74	550	47			24	36	05			12	Y	24.50			659	052
22	08	69	11.3	RR	SH03	36	590	74	550	47			24	36	05			20	Y	17.00			659	052
22	08	69	11.3	RR	SH03	36	590	74	550	47			24	36	05			21	Y	16.60			659	052
22	08	69	11.3	RR	SH03	36	590	74	550	47			24	36	05			25	Y	10.20			659	052
22	08	69	11.3	RR	SH03	36	590	74	550	47			24	36	05			35	Y	10.20			659	052
22	08	69	11.3	RR	SH03	36	590	74	550	47			24	36	05			39	Y	10.30			659	052
22	08	69	11.3	RR	SH03	36	590	74	550	47			24	36	05			47	Y	10.30			659	052

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION					
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰						
22	08	69	11.6	RR	SH03	36	590	74	577	44			24	36	05			0	P	24.80	R	31.84			659	050		
22	08	69	11.6	RR	SH03	36	590	74	577	44			24	36	05			2	Y	24.80					659	050		
22	08	69	11.6	RR	SH03	36	590	74	577	44			24	36	05			7	Y	24.60					659	050		
22	08	69	11.6	RR	SH03	36	590	74	577	44			24	36	05			12	Y	24.60					659	050		
22	08	69	11.6	RR	SH03	36	590	74	577	44			24	36	05			20	Y	17.50					659	050		
22	08	69	11.6	RR	SH03	36	590	74	577	44			24	36	05			21	Y	12.30					659	050		
22	08	69	11.6	RR	SH03	36	590	74	577	44			24	36	05			25	Y	10.90					659	050		
22	08	69	11.6	RR	SH03	36	590	74	577	44			24	36	05			33	Y	10.80					659	050		
22	08	69	11.6	RR	SH03	36	590	74	577	44			24	36	05			35	Y	10.20					659	050		
22	08	69	11.6	RR	SH03	36	590	74	577	44			24	36	05			40	Y	10.00					659	050		
22	08	69	11.6	RR	SH03	36	590	74	577	44			24	36	05			44	Y	10.00					659	050		
22	08	69	12.0	RR	SH03	36	590	75	042	40			24	36	06			0	P	24.90	R	31.72			659	045		
22	08	69	12.0	RR	SH03	36	590	75	042	40			24	36	06			5	Y	24.90					659	045		
22	08	69	12.0	RR	SH03	36	590	75	042	40			24	36	06			6	Y	24.80					659	045		
22	08	69	12.0	RR	SH03	36	590	75	042	40			24	36	06			18	Y	24.60					659	045		
22	08	69	12.0	RR	SH03	36	590	75	042	40			24	36	06			23	Y	10.90					659	045		
22	08	69	12.0	RR	SH03	36	590	75	042	40			24	36	06			27	Y	10.20					659	045		
22	08	69	12.0	RR	SH03	36	590	75	042	40			24	36	06			32	Y	10.00					659	045		
22	08	69	12.0	RR	SH03	36	590	75	042	40			24	36	06			37	Y	10.00					659	045		
22	08	69	12.0	RR	SH03	36	590	75	042	40			24	36	06			38	Y	10.10					659	045		
22	08	69	12.0	RR	SH03	36	590	75	042	40			24	36	06			40	Y	10.10					659	045		
22	08	69	12.4	RR	SH03	36	590	75	091	37			24	36	06			0	P	24.40	R	31.40			659	040		
22	08	69	12.4	RR	SH03	36	590	75	091	37			24	36	06			3	Y	24.40					659	040		
22	08	69	12.4	RR	SH03	36	590	75	091	37			24	36	06			13	Y	24.20					659	040		
22	08	69	12.4	RR	SH03	36	590	75	091	37			24	36	06			15	Y	18.60					659	040		
22	08	69	12.4	RR	SH03	36	590	75	091	37			24	36	06			20	Y	11.90					659	040		
22	08	69	12.4	RR	SH03	36	590	75	091	37			24	36	06			28	Y	11.90					659	040		
22	08	69	12.4	RR	SH03	36	590	75	091	37			24	36	06			30	Y	11.20					659	040		
22	08	69	12.4	RR	SH03	36	590	75	091	37			24	36	06			37	Y	11.10					659	040		
22	08	69	12.9	RR	SH03	36	590	75	168	30			23	36	05			0	P	23.60	R	30.66			659	035		
22	08	69	12.9	RR	SH03	36	590	75	168	30			23	36	05			8	W	23.20					659	035		
22	08	69	12.9	RR	SH03	36	590	75	168	30			23	36	05			10	W	22.30					659	035		
22	08	69	12.9	RR	SH03	36	590	75	168	30			23	36	05			11	W	19.80					659	035		
22	08	69	12.9	RR	SH03	36	590	75	168	30			23	36	05			16	W	12.50					659	035		
22	08	69	12.9	RR	SH03	36	590	75	168	30			23	36	05			20	W	11.70					659	035		
22	08	69	12.9	RR	SH03	36	590	75	168	30			23	36	05			30	W	11.60					659	035		
22	08	69	13.5	RR	SH03	37	000	75	224	29			23	36	05			0	P	23.40	R	30.67			659	030		
22	08	69	13.5	RR	SH03	37	000	75	224	29			23	36	05			5	W	23.30					659	030		
22	08	69	13.5	RR	SH03	37	000	75	224	29			23	36	05			7	W	23.10					659	030		
22	08	69	13.5	RR	SH03	37	000	75	224	29			23	36	05			9	W	23.00					659	030		
22	08	69	13.5	RR	SH03	37	000	75	224	29			23	36	05			12	W	18.30					659	030		
22	08	69	13.5	RR	SH03	37	000	75	224	29			23	36	05			13	W	18.00					659	030		
22	08	69	13.5	RR	SH03	37	000	75	224	29			23	36	05			14	W	15.00					659	030		
22	08	69	13.5	RR	SH03	37	000	75	224	29			23	36	05			16	W	14.00					659	030		
22	08	69	13.5	RR	SH03	37	000	75	224	29			23	36	05			25	W	13.20					659	030		
22	08	69	13.5	RR	SH03	37	000	75	224	29			23	36	05			29	W	12.70					659	030		
22	08	69	14.0	RR	SH03	37	000	75	287	26			23	35	05			0	P	23.60	R	31.35			659	025		
22	08	69	14.0	RR	SH03	37	000	75	287	26			23	35	05			5	W	23.40					659	025		
22	08	69	14.0	RR	SH03	37	000	75	287	26			23	35	05			11	W	22.00					659	025		
22	08	69	14.0	RR	SH03	37	000	75	287	26			23	35	05			12	W	19.80					659	025		
22	08	69	14.0	RR	SH03	37	000	75	287	26			23	35	05			15	W	19.00					659	025		
22	08	69	14.0	RR	SH03	37	000	75	287	26			23	35	05			17	W	17.00					659	025		
22	08	69	14.0	RR	SH03	37	000	75	287	26			23	35	05			20	W	16.60					659	025		
22	08	69	14.0	RR	SH03	37	000	75	287	26			23	35	05			22	W	16.40					659	025		
22	08	69	14.0	RR	SH03	37	000	75	287	26			23	35	05			25	W	14.70					659	025		
22	08	69	14.0	RR	SH03	37	000	75	287	26			23	35	05			26	W	14.60					659	025		
22	08	69	14.5	RR	SH03	37	000	75	350	22			23	35	05			0	P	22.40	R	31.21			700	020		
22	08	69	14.5	RR	SH03	37	000	75	350	22			23	35	05			2	W	22.50					700	020		
22	08	69	14.5	RR	SH03	37	000	75	350	22			23	35	05			10	W	21.30					700	020		
22	08	69	14.5	RR	SH03	37	000	75	350	22			23	35	05			13	W	18.50					700	020		
22	08	69	14.5	RR	SH03	37	000	75	350	22			23	35	05			22	W	18.00					700	020		
22	08	69	15.0	RR	SH03	37	015	75	412	19			23	35	05			0	P	22.60	R	31.30			700	015		

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
22	08	69	15.0	RR	SH03	37	015	75	412	19			23	35	05			5	W	22.20			700	015
22	08	69	15.0	RR	SH03	37	015	75	412	19			23	35	05			7	W	21.90			700	015
22	08	69	15.0	RR	SH03	37	015	75	412	19			23	35	05			8	W	20.40			700	015
22	08	69	15.0	RR	SH03	37	015	75	412	19			23	35	05			10	W	20.10			700	015
22	08	69	15.0	RR	SH03	37	015	75	412	19			23	35	05			12	W	19.10			700	015
22	08	69	15.0	RR	SH03	37	015	75	412	19			23	35	05			13	W	18.80			700	015
22	08	69	15.0	RR	SH03	37	015	75	412	19			23	35	05			19	W	18.70			700	015
22	08	69	15.6	RR	SH03	37	015	75	475	14			23					0	P	22.70	R	31.29	701	010
22	08	69	15.6	RR	SH03	37	015	75	475	14			23					7	W	20.10			701	010
22	08	69	15.6	RR	SH03	37	015	75	475	14			23					8	W	19.30			701	010
22	08	69	15.6	RR	SH03	37	015	75	475	14			23					10	W	19.00			701	010
22	08	69	15.6	RR	SH03	37	015	75	475	14			23					14	W	18.70			701	010

SHS 4-69 18 and 19 November 1969

Stations Sampled

659-55	659-135	700-00 (CBO)
659-60	659-140	701-10
659-75	659-145	701-15
659-80	659-150	701-20
659-85	659-53	701-25
659-90	659-58	701-30
659-95	659-63	701-35
659-100	659-65	701-40
659-105	659-68	701-45
659-110	659-70	701-50
659-115	659-73	701-100
659-120	659-78	
659-125		
659-130		

Sampling Sequence

Date	Time	Station
18 Nov.	09.5	700-00 (CBO)
	10.7	701-10
	11.5	701-15
	14.9	701-20
	15.7	701-25
	16.3	701-30
	17.2	701-35
	17.7	701-40
	18.2	701-45
	18.7	701-50
	19.4	659-53
	19.7	659-55
	19.9	659-58
	20.2	659-60
	21.0	659-63
	21.2	659-65
	21.5	659-68
	21.7	659-70
	23.1	659-73
	23.4	659-75
	23.6	659-78
	23.9	659-80
19 Nov.	00.5	659-85
	01.0	659-90
	01.5	659-95
	02.0	659-100
	02.6	659-105
	03.1	659-110
	03.7	659-115
	04.2	659-120
	04.7	659-125
	05.2	659-130
	05.7	659-135
	06.2	659-140
	06.7	659-145
	07.2	659-150

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
18	11	69	09.5	RR	SH04	37	000	76	000	10			14	08	04			0	P	11.80	R	27.19			CBO	
~~18~~	~~11~~	~~69~~	~~09.5~~	~~RR~~	~~SH04~~	~~37~~	~~000~~	~~76~~	~~000~~	~~10~~			~~14~~	~~08~~	~~04~~			~~3~~	~~W~~	~~11.80~~					~~CBO~~	
18	11	69	09.5	RR	SH04	37	000	76	000	10			14	08	04			5	W	12.10	R	27.42			CBO	
18	11	69	09.5	RR	SH04	37	000	76	000	10			14	08	04			6	W	12.20					CBO	
18	11	69	09.5	RR	SH04	37	000	76	000	10			14	08	04			10	W	12.20	R	28.01			CBO	
18	11	69	10.7	RR	SH04	37	010	75	475	14			16	08	04			0	P	11.60	R	29.14		701	010	
18	11	69	10.7	RR	SH04	37	010	75	475	14			16	08	04			4	W	12.00				701	010	
18	11	69	10.7	RR	SH04	37	010	75	475	14			16	08	04			5	W	12.30	R	29.45		701	010	
18	11	69	10.7	RR	SH04	37	010	75	475	14			16	08	04			7	W	12.80				701	010	
18	11	69	10.7	RR	SH04	37	010	75	475	14			16	08	04			10	P	12.80	R	31.31		701	010	
~~18~~	~~11~~	~~69~~	~~10.7~~	~~RR~~	~~SH04~~	~~37~~	~~010~~	~~75~~	~~475~~	~~14~~			~~16~~	~~08~~	~~04~~			~~13~~	~~W~~	~~12.80~~	~~R~~	~~31.42~~		~~701~~	~~010~~	
18	11	69	11.5	RR	SH04	37	010	75	412	20			17	08	04			0	P	12.20	R	28.74		701	15	
18	11	69	11.5	RR	SH04	37	010	75	412	20			17	08	04			5	W	12.20				701	15	
~~18~~	~~11~~	~~69~~	~~11.5~~	~~RR~~	~~SH04~~	~~37~~	~~010~~	~~75~~	~~412~~	~~20~~			~~17~~	~~08~~	~~04~~			~~8~~	~~W~~	~~13.30~~				~~701~~	~~15~~	
18	11	69	11.5	RR	SH04	37	010	75	412	20			17	08	04			20	W	13.40				701	15	
18	11	69	14.9	RR	SH04	37	000	75	350	25			16	08	04			0	P	13.70	R	31.83		700	20	
~~18~~	~~11~~	~~69~~	~~14.9~~	~~RR~~	~~SH04~~	~~37~~	~~000~~	~~75~~	~~350~~	~~25~~			~~16~~	~~08~~	~~04~~			~~5~~	~~W~~	~~13.70~~	~~R~~	~~32.30~~		~~700~~	~~20~~	
18	11	69	14.9	RR	SH04	37	000	75	350	25			16	08	04			10	W	13.70	R	32.44		700	20	
18	11	69	14.9	RR	SH04	37	000	75	350	25			16	08	04			15	W	13.70	R	32.45		700	20	
18	11	69	14.9	RR	SH04	37	000	75	350	25			16	08	04			20	W	13.70	R	32.45		700	20	
18	11	69	14.9	RR	SH04	37	000	75	350	25			16	08	04			25	W	13.70	R	32.45		700	20	
18	11	69	15.7	RR	SH04	37	000	75	245	24			17	08	05			0	P	13.95	R	32.60		700	25	
18	11	69	15.7	RR	SH04	37	000	75	245	24			17	08	05			11	W	13.90				700	25	
18	11	69	15.7	RR	SH04	37	000	75	245	24			17	08	05			24	W	13.90				700	25	
18	11	69	16.3	RR	SH04	37	000	75	225	32			17	10	05			0	P	14.00	R	32.74		700	30	
18	11	69	16.3	RR	SH04	37	000	75	225	32			17	10	05			5	W	13.90	R	32.73		700	30	
18	11	69	16.3	RR	SH04	37	000	75	225	32			17	10	05			10	W	13.80	R	32.73		700	30	
18	11	69	16.3	RR	SH04	37	000	75	225	32			17	10	05			11	W	13.80				700	30	
~~18~~	~~11~~	~~69~~	~~16.3~~	~~RR~~	~~SH04~~	~~37~~	~~000~~	~~75~~	~~225~~	~~32~~			~~17~~	~~10~~	~~05~~			~~15~~	~~W~~	~~13.80~~	~~R~~	~~32.73~~		~~700~~	~~30~~	
18	11	69	16.3	RR	SH04	37	000	75	225	32			17	10	05			20	W	13.80	R	32.76		700	30	
18	11	69	16.3	RR	SH04	37	000	75	225	32			17	10	05			25	W	13.80	R	32.76		700	30	
18	11	69	16.3	RR	SH04	37	000	75	225	32			17	10	05			30	W	13.80	R	32.77		700	30	
18	11	69	16.3	RR	SH04	37	000	75	225	32			17	10	05			32	W	13.80				700	30	
18	11	69	17.2	RR	SH04	37	000	75	155	33			17	09	05			0	P	13.90	R	32.61		700	35	
18	11	69	17.2	RR	SH04	37	000	75	155	33			17	09	05			5	W	13.80				700	35	
18	11	69	17.2	RR	SH04	37	000	75	155	33			17	09	05			10	W	13.70				700	35	
18	11	69	17.2	RR	SH04	37	000	75	155	33			17	09	05			11	W	13.70				700	35	
~~18~~	~~11~~	~~69~~	~~17.2~~	~~RR~~	~~SH04~~	~~37~~	~~000~~	~~75~~	~~155~~	~~33~~			~~17~~	~~09~~	~~05~~			~~33~~	~~W~~	~~13.70~~				~~700~~	~~35~~	
18	11	69	17.7	RR	SH04	37	000	75	100	39			17	10	05			0	P	14.00	R	33.04		700	40	
18	11	69	17.7	RR	SH04	37	000	75	100	39			17	10	05			5	W	13.90				700	40	
~~18~~	~~11~~	~~69~~	~~17.7~~	~~RR~~	~~SH04~~	~~37~~	~~000~~	~~75~~	~~100~~	~~39~~			~~17~~	~~10~~	~~05~~			~~10~~	~~W~~	~~13.70~~				~~700~~	~~40~~	
18	11	69	17.7	RR	SH04	37	000	75	100	39			17	10	05			11	W	13.70				700	40	
18	11	69	17.7	RR	SH04	37	000	75	100	39			17	10	05			39	W	13.70				700	40	
~~18~~	~~11~~	~~69~~	~~18.2~~	~~RR~~	~~SH04~~	~~37~~	~~000~~	~~75~~	~~040~~	~~38~~			~~18~~	~~10~~	~~05~~			~~0~~	~~P~~	~~14.20~~	~~R~~	~~33.15~~		~~700~~	~~45~~	
18	11	69	18.2	RR	SH04	37	000	75	040	38			18	10	05			10	Y	13.90				700	45	
18	11	69	18.2	RR	SH04	37	000	75	040	38			18	10	05			35	Y	13.90				700	45	
18	11	69	18.2	RR	SH04	37	000	75	040	38			18	10	05			38	Y	14.00				700	45	
18	11	69	18.7	RR	SH04	37	000	74	575	43			18					0	P	13.90	R	33.20		700	50	
18	11	69	18.7	RR	SH04	37	000	74	575	43			18					1	Y	13.80				700	50	
18	11	69	18.7	RR	SH04	37	000	74	575	43			18					5	Y	13.80	R	33.22		700	50	
18	11	69	18.7	RR	SH04	37	000	74	575	43			18					10	Y	13.80	R	33.24		700	50	
18	11	69	18.7	RR	SH04	37	000	74	575	43			18					13	Y	13.80				700	50	
~~18~~	~~11~~	~~69~~	~~18.7~~	~~RR~~	~~SH04~~	~~37~~	~~000~~	~~74~~	~~575~~	~~43~~			~~18~~					~~15~~	~~Y~~	~~13.90~~	~~R~~	~~33.25~~		~~700~~	~~50~~	
18	11	69	18.7	RR	SH04	37	000	74	575	43			18					20	Y	13.90	R	33.27		700	50	
18	11	69	18.7	RR	SH04	37	000	74	575	43			18					25	Y	13.90	R	33.27		700	50	
18	11	69	18.7	RR	SH04	37	000	74	575	43			18					30	Y	13.90	R	33.27		700	50	

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
18	11	69	18.7	RR	SH04	37	000	74	575	43			18					32	Y	14.00			700	50
~~18~~	~~11~~	~~69~~	~~18.7~~	~~RR~~	~~SH04~~	~~37~~	~~000~~	~~74~~	~~575~~	~~43~~			~~18~~					~~36~~	~~Y~~	~~14.10~~			~~700~~	~~50~~
18	11	69	18.7	RR	SH04	37	000	74	575	43			18					43	Y	14.10			700	50
18	11	69	19.4	RR	SH04	37	000	74	540	45			17					0	P	14.10	R	33.37	659	053
~~18~~	~~11~~	~~69~~	~~19.4~~	~~RR~~	~~SH04~~	~~37~~	~~000~~	~~74~~	~~540~~	~~45~~			~~17~~					~~5~~	~~Y~~	~~14.10~~			~~659~~	~~053~~
18	11	69	19.4	RR	SH04	37	000	74	540	45			17					7	Y	14.00			659	053
18	11	69	19.4	RR	SH04	37	000	74	540	45			17					30	Y	14.00			659	053
18	11	69	19.4	RR	SH04	37	000	74	540	45			17					35	Y	14.40			659	053
18	11	69	19.4	RR	SH04	37	000	74	540	45			17					45	Y	14.50			659	053
18	11	69	19.7	RR	SH04	37	000	74	510	52			17					0	P	14.00	R	33.31	659	55
18	11	69	19.7	RR	SH04	37	000	74	510	52			17					19	Y	14.00			659	55
18	11	69	19.7	RR	SH04	37	000	74	510	52			17					20	Y	14.10			659	55
18	11	69	19.7	RR	SH04	37	000	74	510	52			17					39	Y	14.20			659	55
~~18~~	~~11~~	~~69~~	~~19.7~~	~~RR~~	~~SH04~~	~~37~~	~~000~~	~~74~~	~~510~~	~~52~~			~~17~~					~~40~~	~~Y~~	~~14.40~~			~~659~~	~~55~~
18	11	69	19.7	RR	SH04	37	000	74	510	52			17					46	Y	14.40			659	55
18	11	69	19.7	RR	SH04	37	000	74	510	52			17					50	Y	14.70			659	55
18	11	69	19.7	RR	SH04	37	000	74	510	52			17					52	Y	14.70			659	55
18	11	69	19.9	RR	SH04	36	590	74	484	60			17					0	P	13.90	R	33.33	659	058
18	11	69	19.9	RR	SH04	36	590	74	484	60			17					10	Y	13.90			659	058
18	11	69	19.9	RR	SH04	36	590	74	484	60			17					23	Y	14.50			659	058
18	11	69	19.9	RR	SH04	36	590	74	484	60			17					41	Y	14.50			659	058
18	11	69	19.9	RR	SH04	36	590	74	484	60			17					48	Y	14.60			659	058
~~18~~	~~11~~	~~69~~	~~19.9~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~74~~	~~484~~	~~60~~			~~17~~					~~53~~	~~Y~~	~~14.90~~			~~659~~	~~058~~
18	11	69	19.9	RR	SH04	36	590	74	484	60			17					57	Y	14.90			659	058
18	11	69	19.9	RR	SH04	36	590	74	484	60			17					60	Y	14.60			659	058
~~18~~	~~11~~	~~69~~	~~20.2~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~74~~	~~450~~	~~70~~			~~17~~	~~10~~	~~05~~			~~0~~	~~P~~	~~14.10~~	~~R~~	~~33.39~~	~~659~~	~~60~~
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			5	Y	14.10	R	33.36	659	60
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			8	Y	14.10			659	60
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			10	Y	14.00	R	33.36	659	60
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			15	Y	14.00	R	33.37	659	60
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			20	Y	14.00	R	33.37	659	60
~~18~~	~~11~~	~~69~~	~~20.2~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~74~~	~~450~~	~~70~~			~~17~~	~~10~~	~~05~~			~~25~~	~~Y~~	~~14.00~~	~~R~~	~~33.36~~	~~659~~	~~60~~
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			27	Y	14.00			659	60
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			28	Y	14.00			659	60
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			30	Y	14.00	R	33.46	659	60
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			35	Y	14.10			659	60
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			40	Y	14.10	R	33.50	659	60
~~18~~	~~11~~	~~69~~	~~20.2~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~74~~	~~450~~	~~70~~			~~17~~	~~10~~	~~05~~			~~50~~	~~Y~~	~~14.00~~	~~R~~	~~33.52~~	~~659~~	~~60~~
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			58	Y	14.00			659	60
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			60	Y	14.10	R	33.60	659	60
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			65	Y	14.40			659	60
18	11	69	20.2	RR	SH04	36	590	74	450	70			17	10	05			70	Y	14.00	R	34.39	659	60
18	11	69	21.0	RR	SH04	36	590	74	410	82			17	11	04			0	P	13.80	R	33.20	659	063
18	11	69	21.0	RR	SH04	36	590	74	410	82			17	11	04			3	Y	13.70			659	063
18	11	69	21.0	RR	SH04	36	590	74	410	82			17	11	04			5	Y	13.80			659	063
18	11	69	21.0	RR	SH04	36	590	74	410	82			17	11	04			25	Y	13.80			659	063
~~18~~	~~11~~	~~69~~	~~21.0~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~74~~	~~410~~	~~82~~			~~17~~	~~11~~	~~04~~			~~28~~	~~Y~~	~~13.90~~			~~659~~	~~063~~
18	11	69	21.0	RR	SH04	36	590	74	410	82			17	11	04			40	Y	14.00			659	063
18	11	69	21.0	RR	SH04	36	590	74	410	82			17	11	04			69	Y	14.00			659	063
18	11	69	21.0	RR	SH04	36	590	74	410	82			17	11	04			70	Y	14.30			659	063
18	11	69	21.0	RR	SH04	36	590	74	410	82			17	11	04			72	Y	14.30			659	063
18	11	69	21.0	RR	SH04	36	590	74	410	82			17	11	04			73	Y	14.00			659	063
~~18~~	~~11~~	~~69~~	~~21.0~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~74~~	~~410~~	~~82~~			~~17~~	~~11~~	~~04~~			~~79~~	~~Y~~	~~13.80~~			~~659~~	~~063~~
18	11	69	21.0	RR	SH04	36	590	74	410	82			17	11	04			80	Y	13.10			659	063
18	11	69	21.0	RR	SH04	36	590	74	410	82			17	11	04			82	Y	13.00			659	063
~~18~~	~~11~~	~~69~~	~~21.2~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~74~~	~~385~~	~~96~~								~~0~~	~~P~~	~~13.80~~	~~R~~	~~33.09~~	~~659~~	~~065~~
18	11	69	21.2	RR	SH04	36	590	74	385	96								2	Y	13.70			659	065
18	11	69	21.2	RR	SH04	36	590	74	385	96								9	Y	13.80			659	065
18	11	69	21.2	RR	SH04	36	590	74	385	96								10	Y	14.00			659	065
18	11	69	21.2	RR	SH04	36	590	74	385	96								28	Y	14.50			659	065
18	11	69	21.2	RR	SH04	36	590	74	385	96								41	Y	14.50			659	065
~~18~~	~~11~~	~~69~~	~~21.2~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~74~~	~~385~~	~~96~~								~~43~~	~~Y~~	~~14.60~~			~~659~~	~~065~~
18	11	69	21.2	RR	SH04	36	590	74	385	96								47	Y	14.60			659	065
18	11	69	21.2	RR	SH04	36	590	74	385	96								49	Y	14.50			659	065

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M	TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M	SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS				DIRECTION CODE	VELOCITY M/SEC.			INSTR.	°C	INSTR.	‰		
18	11	69	21.2	RR	SH04	36	590	74	385	96						50	Y	14.60			659	065
18	11	69	21.2	RR	SH04	36	590	74	385	96						57	Y	14.60			659	065
18	11	69	21.2	RR	SH04	36	590	74	385	96						59	Y	14.40			659	065
18	11	69	21.2	RR	SH04	36	590	74	385	96						62	Y	14.40			659	065
18	11	69	21.2	RR	SH04	36	590	74	385	96						71	Y	14.90			659	065
18	11	69	21.2	RR	SH04	36	590	74	385	96						81	Y	14.60			659	065
18	11	69	21.2	RR	SH04	36	590	74	385	96						96	Y	13.40			659	065
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		0	P	13.80	R	33.27	659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		13	Y	13.80			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		44	Y	14.30			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		48	Y	15.00			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		60	Y	15.20			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		78	Y	16.40			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		93	Y	15.50			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		108	Y	14.20			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		135	Y	13.60			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		145	Y	12.40			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		179	Y	11.00			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		180	Y	10.50			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		241	Y	09.30			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		293	Y	08.90			659	068
18	11	69	21.5	RR	SH04	36	590	74	350	490		17	11	04		350	Y	07.90			659	068
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		0	P	14.00	R	33.47	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		5	Y	14.00			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		10	Y	14.00	R	33.27	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		11	P	14.00			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		15	Y	14.10			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		20	Y	14.10			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		25	Y	14.20			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		30	Y	14.30	R	33.74	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		40	Y	14.40	R	33.83	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		46	Y	14.90			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		50	Y	14.90	R	34.29	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		53	Y	15.20			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		60	Y	15.20	R	34.38	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		63	Y	15.20			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		70	Y	15.40	R	34.49	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		80	Y	15.70	R	34.46	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		84	Y	16.10			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		90	Y	16.00	R	34.30	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		94	Y	16.00			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		98	Y	13.70			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		100	Y	14.00	R	34.66	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		115	Y	14.70			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		125	Y	13.90	R	35.42	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		150	Y	12.90	R	35.38	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		162	Y	12.20			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		175	Y	11.70	R	35.29	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		200	Y	11.10	R	34.91	659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		230	Y	10.20			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		243	Y	09.60			659	070
18	11	69	21.7	RR	SH04	36	590	74	325	1300		17	11	04		450	Y	06.50			659	070
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		0	P	13.90	R	33.31	659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		10	Y	13.90			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		15	Y	14.20			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		16	Y	14.00			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		34	Y	14.50			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		64	Y	14.70			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		77	Y	16.40			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		80	Y	15.80			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		83	Y	15.80			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		85	Y	15.20			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		87	Y	15.40			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		97	Y	12.70			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		100	Y	14.30			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		106	Y	14.80			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		110	Y	14.60			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		117	Y	15.00			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		282	Y	09.00			659	073
18	11	69	23.1	RR	SH04	36	590	74	290	1600		17	11	05		450	Y	06.10			659	073
18	11	69	23.4	RR	SH04	36	590	74	265	1800		17	11	06		0	P	14.40	R	34.06	659	75

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	°/oo		
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			11	Y	14.40			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			23	Y	14.60			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			25	Y	14.70			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			62	Y	14.90			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			70	Y	16.40			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			75	Y	16.40			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			77	Y	14.30			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			93	Y	12.80			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			100	Y	15.00			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			117	Y	14.50			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			127	Y	14.50			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			150	Y	13.50			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			176	Y	12.00			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			260	Y	09.60			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			345	Y	08.20			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			420	Y	06.50			659	75
18	11	69	23.4	RR	SH04	36	590	74	265	1800			17	11	06			450	Y	06.20			659	75
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			0	P	14.40	R	34.10	659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			17	Y	14.40			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			71	Y	14.90			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			72	Y	15.10			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			87	Y	12.60			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			100	Y	12.90			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			113	Y	14.90			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			122	Y	14.40			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			127	Y	14.70			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			160	Y	13.20			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			253	Y	10.10			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			324	Y	08.90			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			400	Y	06.80			659	078
18	11	69	23.6	RR	SH04	36	590	74	230	1900			17	11	06			450	Y	06.20			659	078
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			0	P	14.30	R	33.99	659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			9	Y	14.30			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			50	Y	14.50			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			68	Y	15.30			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			70	Y	14.90			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			76	Y	15.00			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			87	Y	12.90			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			98	Y	12.80			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			112	Y	13.80			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			115	Y	14.80			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			120	Y	14.10			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			123	Y	14.40			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			132	Y	13.60			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			270	Y	09.30			659	80
18	11	69	23.9	RR	SH04	36	590	74	195	1900			17	11	06			450	Y	06.00			659	80
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			0	P	14.20	R	33.84	659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			11	Y	14.20			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			19	Y	15.90			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			20	Y	15.70			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			38	Y	15.90			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			44	Y	16.70			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			70	Y	16.90			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			74	Y	16.70			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			81	Y	14.10			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			87	Y	14.10			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			96	Y	15.20			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			128	Y	13.20			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			268	Y	09.10			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			400	Y	06.40			659	85
19	11	69	00.5	RR	SH04	36	590	74	135	2000			17	11	06			450	Y	05.90			659	85
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			0	Y	17.10	R	35.00	659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			23	Y	16.60			659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			56	Y	16.70			659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			64	Y	16.40			659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			75	Y	13.90			659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			80	Y	13.80			659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			83	Y	14.40			659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			90	Y	14.10			659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			91	Y	14.20			659	90

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST				TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS	WATER DEPTH M				DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			109	Y	14.20			659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			170	Y	11.80			659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			260	Y	09.2			659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			396	Y	06.20			659	90
19	11	69	01.0	RR	SH04	36	590	74	075	2300			18	11	06			450	Y	05.70			659	90
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			0	P	17.70	R	34.87	659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			20	Y	17.70			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			25	Y	17.40			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			35	Y	17.40			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			41	Y	17.20			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			50	Y	17.20			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			70	Y	14.90			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			85	Y	14.90			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			105	Y	14.60			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			112	Y	14.00			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			123	Y	13.8			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			158	Y	12.10			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			314	Y	08.00			659	95
19	11	69	01.5	RR	SH04	36	590	74	010	2400			18	11	07			450	Y	05.50			659	95
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			0	P	17.80	R	35.06	659	100
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			2	Y	17.90			659	100
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			51	Y	17.90			659	100
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			58	Y	16.40			659	100
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			68	Y	16.40			659	100
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			71	Y	14.80			659	100
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			81	Y	14.20			659	100
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			90	Y	14.20			659	100
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			100	Y	14.60			659	100
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			160	Y	12.00			659	100
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			400	Y	06.10			659	100
19	11	69	02.0	RR	SH04	36	590	73	545	2400			18	12	08			450	Y	05.60			659	100
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			0	P	17.90	R	34.97	659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			3	Y	18.00			659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			57	Y	18.00			659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			64	Y	17.90			659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			67	Y	16.20			659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			75	Y	14.70			659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			94	Y	14.70			659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			115	Y	13.70			659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			148	Y	12.80			659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			165	Y	11.80			659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			247	Y	09.60			659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			375	Y	06.90			659	105
19	11	69	02.6	RR	SH04	36	590	73	480	2600			18	12	10			450	Y	05.80			659	105
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			0	P	17.80	R	35.04	659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			2	Y	18.00			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			54	Y	18.10			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			63	Y	18.00			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			68	Y	16.50			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			70	Y	16.50			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			76	Y	15.10			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			80	Y	15.00			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			87	Y	15.20			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			101	Y	14.60			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			112	Y	14.60			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			181	Y	11.40			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			298	Y	08.10			659	110
19	11	69	03.1	RR	SH04	36	590	73	420	2700			18	12	09			450	Y	06.00			659	110
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			0	P	17.50			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			2	Y	17.70			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			49	Y	17.70			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			58	Y	17.30			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			66	Y	15.00			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			78	Y	15.00			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			87	Y	14.80			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			93	Y	14.30			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			97	Y	14.70			659	115

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION	
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰		
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			110	Y	14.30			659	115
~~19~~	~~11~~	~~69~~	~~03.7~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~73~~	~~360~~	~~2700~~			~~18~~	~~12~~	~~09~~			~~127~~	~~Y~~	~~13.10~~			~~659~~	~~115~~
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			170	Y	11.50			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			308	Y	07.90			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			377	Y	06.60			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			403	Y	06.20			659	115
19	11	69	03.7	RR	SH04	36	590	73	360	2700			18	12	09			450	Y	05.80			659	115
19	11	69	04.2	RR	SH04	36	590	73	300	2700			18	11	09			0			R	34.87	659	120
19	11	69	04.7	RR	SH04	36	590	73	240	2700			18	11	08			0	P	17.10	R	34.89	659	125
19	11	69	04.7	RR	SH04	36	590	73	240	2700			18	11	08			15	Y	17.10			659	125
19	11	69	04.7	RR	SH04	36	590	73	240	2700			18	11	08			41	Y	17.30			659	125
19	11	69	04.7	RR	SH04	36	590	73	240	2700			18	11	08			57	Y	16.80			659	125
19	11	69	04.7	RR	SH04	36	590	73	240	2700			18	11	08			60	Y	15.30			659	125
~~19~~	~~11~~	~~69~~	~~04.7~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~73~~	~~240~~	~~2700~~			~~18~~	~~11~~	~~08~~			~~63~~	~~Y~~	~~15.20~~			~~659~~	~~125~~
19	11	69	04.7	RR	SH04	36	590	73	240	2700			18	11	08			65	Y	15.30			659	125
19	11	69	04.7	RR	SH04	36	590	73	240	2700			18	11	08			66	Y	15.50			659	125
19	11	69	04.7	RR	SH04	36	590	73	240	2700			18	11	08			74	Y	15.50			659	125
19	11	69	04.7	RR	SH04	36	590	73	240	2700			18	11	08			142	Y	11.90			659	125
19	11	69	04.7	RR	SH04	36	590	73	240	2700			18	11	08			270	Y	08.60			659	125
~~19~~	~~11~~	~~69~~	~~04.7~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~73~~	~~240~~	~~2700~~			~~18~~	~~11~~	~~08~~			~~380~~	~~Y~~	~~06.50~~			~~659~~	~~125~~
19	11	69	04.7	RR	SH04	36	590	73	240	2700			18	11	08			450	Y	05.70			659	125
19	11	69	05.2	RR	SH04	36	590	73	173	2800			18	11	08			0	P	17.20	R	35.05	659	130
~~19~~	~~11~~	~~69~~	~~05.2~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~73~~	~~173~~	~~2800~~			~~18~~	~~11~~	~~08~~			~~1~~	~~Y~~	~~17.30~~			~~659~~	~~130~~
19	11	69	05.2	RR	SH04	36	590	73	173	2800			18	11	08			28	Y	17.30			659	130
19	11	69	05.2	RR	SH04	36	590	73	173	2800			18	11	08			52	Y	17.00			659	130
19	11	69	05.2	RR	SH04	36	590	73	173	2800			18	11	08			66	Y	14.80			659	130
19	11	69	05.2	RR	SH04	36	590	73	173	2800			18	11	08			85	Y	14.60			659	130
19	11	69	05.2	RR	SH04	36	590	73	173	2800			18	11	08			137	Y	12.00			659	130
~~19~~	~~11~~	~~69~~	~~05.2~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~73~~	~~173~~	~~2800~~			~~18~~	~~11~~	~~08~~			~~232~~	~~Y~~	~~09.10~~			~~659~~	~~130~~
19	11	69	05.2	RR	SH04	36	590	73	173	2800			18	11	08			334	Y	06.80			659	130
19	11	69	05.2	RR	SH04	36	590	73	173	2800			18	11	08			412	Y	05.60			659	130
19	11	69	05.2	RR	SH04	36	590	73	173	2800			18	11	08			450	Y	05.40			659	130
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			0	P	16.80	R	34.89	659	135
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			21	Y	16.80			659	135
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			68	Y	16.90			659	135
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			72	Y	14.80			659	135
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			84	Y	14.40			659	135
~~19~~	~~11~~	~~69~~	~~05.7~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~73~~	~~110~~	~~2900~~			~~18~~	~~11~~	~~09~~			~~87~~	~~Y~~	~~14.00~~			~~659~~	~~135~~
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			101	Y	14.00			659	135
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			115	Y	13.60			659	135
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			123	Y	13.60			659	135
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			124	Y	13.20			659	135
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			135	Y	12.60			659	135
~~19~~	~~11~~	~~69~~	~~05.7~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~73~~	~~110~~	~~2900~~			~~18~~	~~11~~	~~09~~			~~223~~	~~Y~~	~~10.00~~			~~659~~	~~135~~
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			236	Y	09.90			659	135
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			320	Y	07.50			659	135
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			412	Y	05.80			659	135
19	11	69	05.7	RR	SH04	36	590	73	110	2900			18	11	09			450	Y	05.50			659	135
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			0	P	16.80	R	35.02	659	140
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			53	Y	16.80			659	140
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			60	Y	16.30			659	140
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			64	Y	14.60			659	140
~~19~~	~~11~~	~~69~~	~~06.2~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~73~~	~~050~~	~~3000~~			~~18~~	~~11~~	~~09~~			~~67~~	~~Y~~	~~14.50~~			~~659~~	~~140~~
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			75	Y	14.80			659	140
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			79	Y	14.30			659	140
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			90	Y	14.30			659	140
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			96	Y	14.50			659	140
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			114	Y	14.00			659	140
~~19~~	~~11~~	~~69~~	~~06.2~~	~~RR~~	~~SH04~~	~~36~~	~~590~~	~~73~~	~~050~~	~~3000~~			~~18~~	~~11~~	~~09~~			~~157~~	~~Y~~	~~11.80~~			~~659~~	~~140~~
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			353	Y	07.20			659	140
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			404	Y	06.20			659	140
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			411	Y	05.90			659	140
19	11	69	06.2	RR	SH04	36	590	73	050	3000			18	11	09			450	Y	05.60			659	140
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			0	P	16.90	R	35.06	659	145

DATE			STATION TIME (E.S.T.) HRS. & TENTHS	VESSEL CODE	CRUISE DESIGNATION	LATITUDE NORTH		LONGITUDE WEST		WATER DEPTH M		TIDAL CURRENT CODE	AIR TEMPERATURE °C	WIND		SECCHI DISC VISIBILITY M		SAMPLE DEPTH M	WATER TEMPERATURE		SALINITY		STATION DESIGNATION		
DAY	MONTH	YEAR				DEGREES	MIN. & TENTHS	DEGREES	MIN. & TENTHS					DIRECTION CODE	VELOCITY M/SEC.				INSTR.	°C	INSTR.	‰			
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			14	Y	16.90			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			15	Y	17.00			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			65	Y	17.10			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			74	Y	14.80			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			77	Y	14.80			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			80	Y	14.90			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			84	Y	14.90			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			94	Y	15.00			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			100	Y	14.80			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			101	Y	15.00			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			108	Y	14.30			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			200	Y	11.10			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			386	Y	06.60			659	145	
19	11	69	06.7	RR	SH04	36	590	72	590	3000			18	11	09			450	Y	05.90			659	145	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			0	P	16.70	R	34.95	659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			27	Y	16.80			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			42	Y	17.00			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			66	Y	17.00			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			70	Y	14.40			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			73	Y	14.00			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			76	Y	14.00			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			90	Y	15.00			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			98	Y	14.80			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			102	Y	15.00			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			107	Y	15.00			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			124	Y	14.50			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			126	Y	14.10			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			191	Y	11.60			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			230	Y	11.00			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			243	Y	10.30			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			380	Y	07.10			659	150	
19	11	69	07.2	RR	SH04	36	590	72	525	3000			19	11	08			450	Y	06.10			659	150	