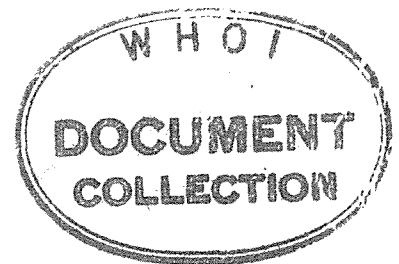
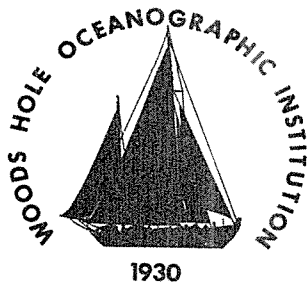


WHOI-77-4

Copy 2

Woods Hole
Oceanographic
Institution



DATA REPORT FOR ATLANTIC PELAGIC ZOOGEOGRAPHY

By

Richard H. Backus and James E. Craddock

January 1977

TECHNICAL REPORT

*Prepared for the National Science Foundation
under Grant DES 74-23209.*

WHOI-77-4

DATA REPORT FOR ATLANTIC PELAGIC ZOOGEOGRAPHY

by

Richard H. Backus and James E. Craddock

WOODS HOLE OCEANOGRAPHIC INSTITUTION
Woods Hole, Massachusetts 02543

January 1977

TECHNICAL REPORT



*Prepared for the National Science Foundation under
Grant DES 74-23209.*

*Reproduction in whole or in part is permitted for
any purpose of the United States Government. In
citing this manuscript in a bibliography, the
reference should be followed by the phrase:
UNPUBLISHED MANUSCRIPT.*

Approved for Distribution

George D. Grice
George D. Grice, Chairman
Department of Biology

DATA REPORT FOR ATLANTIC PELAGIC ZOOGEOGRAPHY

Richard H. Backus and James E. Craddock

This data report fulfils two functions. It (1) gives station data for 1022 midwater trawl collections made in the Atlantic Ocean between 1961 and 1974 by the writers and their colleagues (Table 1, Figure 1, and Appendix 1) and for 531 Atlantic neuston collections made between 1964 and 1974 (Table 2 and Appendix 2), and (2) gives the geographic coordinates for a set of boundaries that divides the Atlantic Ocean between the arctic-subarctic boundary and the subtropical convergence at 40°S into a system of faunal regions and provinces (Figure 2 and Appendix 3). The derivation of these boundaries is explained briefly. More details can be found in the last of the papers and manuscripts listed immediately below, which are based on fish data from the collections listed and relate to the system of faunal boundaries described.

Backus, R. H., G. W. Mead, R. L. Haedrich, and A. W. Ebeling. 1965.

The mesopelagic fishes collected during Cruise 17 of the R/V CHAIN, with a method for analyzing faunal transects. Bull. Mus. Comp. Zool. 134: 139-158.

Backus, R. H., J. E. Craddock, R. L. Haedrich, and D. L. Shores. 1969.

Mesopelagic fishes and thermal fronts in the western Sargasso Sea. Mar. Biol. 3: 87-106.

Backus, R. H., J. E. Craddock, R. L. Haedrich and D. L. Shores. 1970.

The distribution of mesopelagic fishes in the equatorial and western North Atlantic Ocean. *J. Mar. Res.* 28: 179-201.

Backus, R. H. 1972. Midwater fish distribution and sound-scattering levels in the North Atlantic Ocean. *U. S. Navy J. Underwater Acoust.* 22: 243-255.

Jahn, A. E. and R. H. Backus. 1976. On the mesopelagic fish faunas of Slope Water, Gulf Stream, and Northern Sargasso Sea. *Deep-Sea Res.* 23: 223-234.

Backus, R. H. and J. E. Craddock. In press. Pelagic faunal provinces and sound-scattering levels in the Atlantic Ocean. In *Oceanic sound-scattering prediction*, N. R. Andersen and B. J. Zahuranec [eds.], Marine Science, vol. 3. Plenum Press.

Nafpaktitis, B. G., R. H. Backus, J. E. Craddock, R. L. Haedrich, B. H. Robison and C. Karnella. In press. Family Myctophidae. In R. H. Gibbs, Jr. [ed.], *Fishes of the western North Atlantic*, pt. 7. *Mem. Sears Found. Mar. Res.* 1. Allen Press.

Table 1. Summary of midwater trawl collections.

Cruise	Date	Area	Number of Collections
<u>Chain 17</u>	Apr-May 1961	Equatorial Atlantic into Sargasso Sea	18
<u>Chain 32</u>	Sept 1962	Slope Water Region	19
<u>Chain 35</u>	Feb-Mar 1963	Equatorial Atlantic	31
<u>Atlantis II 13</u>	Sept-Oct 1964	Woods Hole to Azores	52
<u>Chain 49</u>	June 1965	Caribbean; Sargasso Sea	31
<u>Atlantis II 20</u>	Feb-Apr 1966	Equatorial Atlantic	24
<u>Chain 60</u>	May-June 1966	Caribbean; Gulf of Mexico	68
<u>Atlantis II 31</u>	Feb-Mar 1967	Western South Atlantic	23
<u>Chain 72</u>	Aug 1967	Slope Water into Sargasso Sea	25
<u>Gosnold 106</u>	Oct 1967	Slope Water	4
<u>Gosnold 135</u>	Oct 1968	Slope Water	1
<u>Chain 85</u>	Nov-Dec 1968	Sargasso Sea	39
<u>Atlantis II 49</u>	May-June 1969	Mediterranean; Eastern Atlantic	143
<u>Atlantis II 59</u>	Oct-Dec 1970	Eastern Atlantic	119
<u>Atlantis II 60</u>	Apr-June 1971	South Atlantic	99
<u>Knorr 24</u>	Nov 1971	Mediterranean	18
<u>Chain 105</u>	June-July 1972	Northern North Atlantic	145
<u>Walther Herwig</u>	Sept 1973	Eastern North Atlantic	10
<u>Atlantis II 78</u>	Sept-Oct 1973	Azores to Equatorial Atlantic	121
<u>Atlantis II 79</u>	Dec 1973	Caribbean Sea	7
<u>Knorr 38</u>	Mar 1974	Sargasso Sea	25
Total			1,022

Table 2. Summary of neuston collections.

Cruise	Date	Area	Number of Collections
<u>Atlantis II 13</u>	Sept-Oct 1964	New England-Azores	15
<u>Chain 49</u>	June 1965	Sargasso Sea	15
<u>Atlantis II 20</u>	Feb-Apr 1966	Equatorial Atlantic	13
<u>Chain 60</u>	May-June 1966	Gulf of Mexico; Caribbean Sea	24
<u>Atlantis II 31</u>	Feb-Mar 1967	Western South Atlantic	12
<u>Chain 72</u>	Aug 1967	Slope Water	12
<u>Gosnold 106</u>	Oct 1967	Slope Water	5
<u>Chain 75</u>	Oct-Nov 1967	Eastern Caribbean Sea Southern Sargasso Sea	17
<u>Gosnold 121</u>	June 1968	Slope Water	2
<u>Gosnold 122</u>	July 1968	Slope Water	4
<u>Crawford 172</u>	Aug 1968	Slope Water	11
<u>Gosnold 135</u>	Oct 1968	Slope Water	3
<u>Chain 85</u>	Nov-Dec 1968	Sargasso Sea	27
<u>Atlantis II 49</u>	May-June 1969	Mediterranean, Eastern Atlantic	92
<u>Gosnold 148</u>	Sept 1969	Slope Water	3
<u>Atlantis II 59</u>	Oct-Dec 1970	Eastern Atlantic	66
<u>Atlantis II 60</u>	Apr-June 1971	South Atlantic	63
<u>Lulu 3-71</u>	June 1971	Slope Water	11
<u>Chain 105</u>	June-July 1972	Northern North Atlantic	55
<u>Atlantis II 78</u>	Sept-Oct 1973	Azores to Equatorial Atlantic	67
<u>Knorr 38</u>	Mar 1974	Sargasso Sea	14
Total			531

Table 3. Atlantic Ocean faunal regions and provinces.

- I. Atlantic Subarctic Region
 - 1 Atlantic Subarctic Province
- II. North Atlantic Temperate Region
 - 2 Northern Gyre
 - 3 Slope Water
 - 4 Azores-Britain Province
 - 5 Mediterranean Outflow
 - 6 Western Mediterranean Sea
 - 7 Eastern Mediterranean Sea
- III. North Atlantic Subtropical Region
 - 8 Northern Sargasso Sea
 - 9 Southern Sargasso Sea
 - 10 Northern North African Subtropical Sea
 - 11 Southern North African Subtropical Sea
- IV. Gulf of Mexico (Region)
 - 12 Gulf of Mexico (Province)
- V. Mauritanian Upwelling
 - 18 Northern Mauritanian Upwelling
 - 19 Southern Mauritanian Upwelling
- VI. Atlantic Tropical Region
 - 12 Lesser Antillean Province
 - 14 Caribbean Sea
 - 15 Amazonian Province
 - 16 Guinean Province
 - 23 Straits of Florida
- VII. South Atlantic Subtropical Region
 - 17 South Atlantic Subtropical Sea

Figure Captions

Figure 1 - WHOI midwater trawl collections, 1961-1974.

Figure 2 - Atlantic Ocean faunal regions and provinces. The regions are named, the provinces numbered in accordance with Table 3.

11-IV-74

MIDWATER TRAWL STATIONS : 1961 - 1974



Figure 1

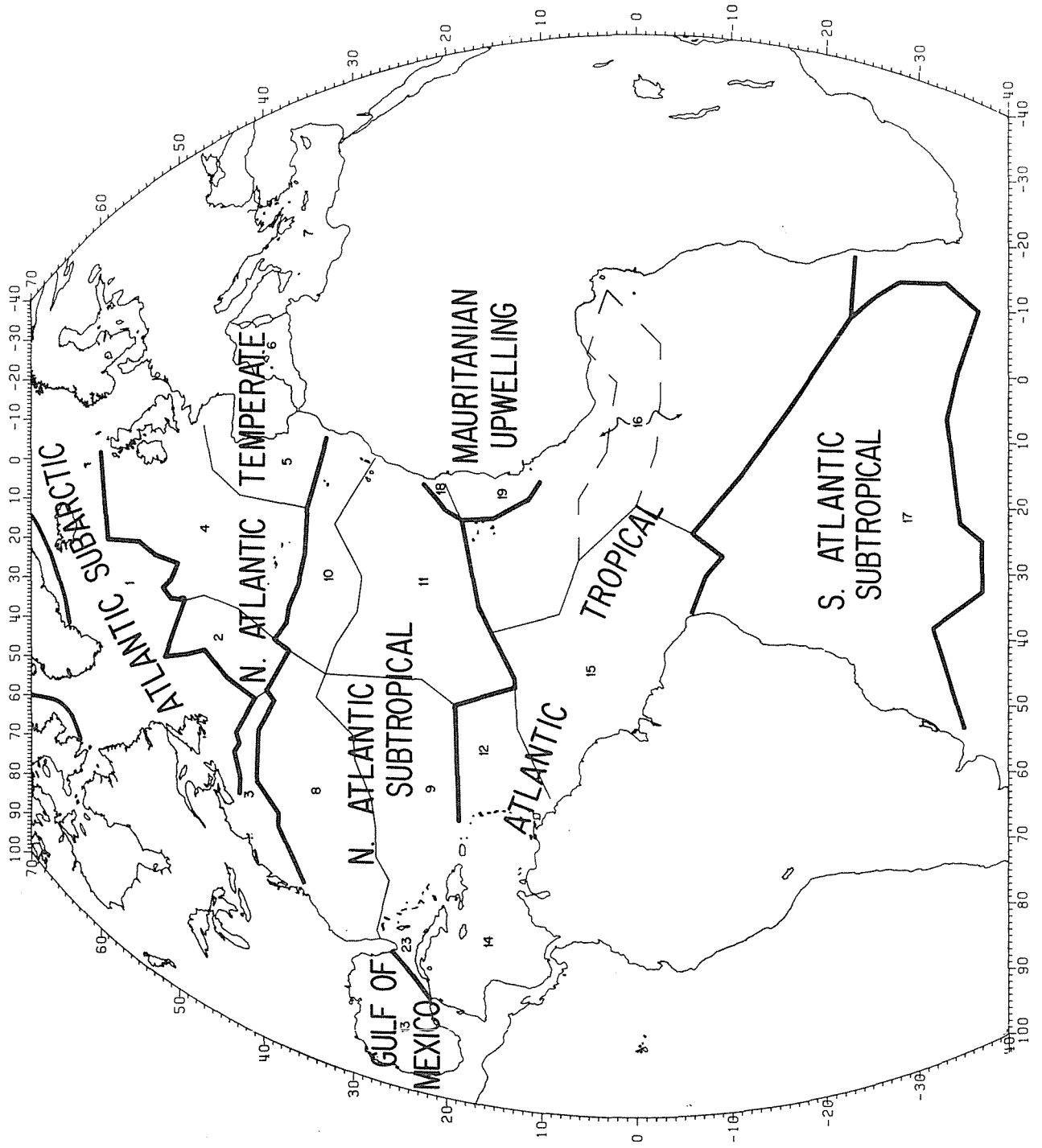


Figure 2

Appendix 1

WHOI Midwater Trawl Collection Data, 1961-1974.

Under the column "SHIP", CH = Chain, A2 = Atlantis II, GO = Gosnold, KN = Knorr, and WH = Walther Herwig. The Walther Herwig collections (RHB 2800-2809) were made on an OVERFLOW 73 cruise, and the numbers shown under "CRUISE" for these collections are Walther Herwig station numbers. Collection depth is in meters and shows the stratum principally fished. Temperatures are in degrees Centigrade. Under "GEAR", 10IKT = 10-foot Isaacs-Kidd midwater trawl, 3IKT = 3-foot Isaacs-Kidd midwater trawl, and MMT = Marinovich midwater trawl, an experimental net we used briefly; none used opening-closing devices. Under "CODE", D = day, N = night, and T = twilight. The numbers under "PROV." refer to the faunal provinces in Table 3, but not found there are provinces 20, 21, and 22, which were assigned to tentative provinces in the South Atlantic at the extremity of our collecting.

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
CRL 4	CH	17	2 10S	17 25W	61- IV - 2	N	0 010-0225	0- 0	.0- .0	29.0	12.1	3IKT	N	16
CRL 5	CH	17	0 35S	11 30W	61- IV - 3	N	2145-2230	0- 0	.0- .0	29.0	12.1	3IKT	N	16
CRL 6	CH	17	0 5S	14 15W	61- IV - 4	N	1953-2200	0- 0	.0- .0	29.0	12.1	3IKT	N	16
CRL 9	CH	17	7 15N	14 0W	61- IV -20	N	2140-2335	0- 0	.0- .0	30.0	14.1	3IKT	N	16
RHB 800	CH	17	0 12S	18 40W	61- IV -24	N	2320-0240	65- 85	18.5-18.5	29.5	13.1	10IKT	N	16
RHB 801	CH	17	0 15S	18 40W	61- IV -26	N	0250-0605	65- 85	18.5-18.5	29.5	13.1	10IKT	N	16
RHB 802	CH	17	3 0N	21 15W	61- IV -27	N	2020-0020	275- 275	10.5-10.5	29.0	13.1	10IKT	N	16
RHB 803	CH	17	9 27N	27 45W	61- V - 1	0	0340-0725	275- 275	40.0-10.0	25.0	11.1	10IKT	N	16
RHB 804	CH	17	10 55N	29 30W	61- V - 1	0	2200-0110	42- 42	22.0-22.0	25.0	11.1	10IKT	N	16
RHB 805	CH	17	11 17N	30 0W	61- V - 2	0	2015-0045	230- 230	11.5-11.5	24.5	11.1	10IKT	N	16
RHB 806	CH	17	13 30N	32 55W	61- V - 3	0	2030-0040	70- 70	19.0-19.0	23.5	11.1	10IKT	N	16
RHB 807	CH	17	16 0N	36 20W	61- V - 4	0	2125-0250	430- 430	10.0-10.0	23.5	15.1	10IKT	N	11
RHB 808	CH	17	18 0N	39 0W	61- V - 5	P	2010-0115	290- 290	13.0-13.0	24.0	16.1	10IKT	N	11
RHB 809	CH	17	19 40N	41 20W	61- V - 6	P	1930-2235	70- 70	23.0-23.0	24.0	18.1	10IKT	N	11
RHB 810	CH	17	20 55N	43 15W	61- V - 7	P	0920-1355	495- 495	11.0-11.0	24.5	19.1	10IKT	0	11
RHB 811	CH	17	23 15N	47 5W	61- V - 8	P	2035-2240	50- 90	23.0-23.0	25.0	19.1	10IKT	N	9
RHB 812	CH	17	25 40N	50 50W	61- V - 9	P	2115-0040	70- 70	21.5-21.5	24.0	18.1	10IKT	N	9
RHB 813	CH	17	27 30N	54 5W	61- V -10	P	2110-0220	53- 53	23.0-23.0	23.5	18.1	10IKT	N	9
RHB 855	CH	32	42 9N	62 45W	62- IX -14	0	0840-1235	338- 412	.0- .0	.0	.0	10IKT	0	3
RHB 856	CH	32	42 2N	62 57W	62- IX -14	0	1430-1805	457- 457	.0- .0	.0	.0	10IKT	0	3
RHB 857	CH	32	41 53N	62 43W	62- IX -14	0	1940-0025	55- 55	.0- .0	.0	.0	10IKT	N	3
RHB 858	CH	32	42 2N	62 29W	62- IX -15	0	0035-0555	110- 110	.0- .0	.0	.0	10IKT	N	3
RHB 859	CH	32	42 3N	62 15W	62- IX -15	0	0835-1305	366- 366	.0- .0	.0	.0	10IKT	0	3
RHB 860	CH	32	41 43N	61 59W	62- IX -15	0	1310-1800	457- 457	.0- .0	.0	.0	10IKT	0	3
RHB 861	CH	32	41 40N	61 57W	62- IX -15	0	1935-2400	64- 64	.0- .0	.0	.0	10IKT	N	3

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP	200M TEMP	GEAR	CODE	PROV.		
RHB 862	CH	32	40	0N	66	20W	62- IX -17	0	1940-0030	51-	51	.0-	.0	10IKT	N	3
RHB 863	CH	32	40	3N	66	40W	62- IX -18	0	0940-0540	44-	44	.0-	.0	10IKT	N	3
RHB 864	CH	32	39	45N	66	50W	62- IX -18	0	0940-1305	348-	348	.0-	.0	10IKT	D	3
RHB 865	CH	32	39	32N	66	42W	62- IX -18	C	1310-1840	439-	439	.0-	.0	10IKT	D	3
RHB 866	CH	32	39	20N	66	45W	62- IX -18	0	1915-0030	68-	68	.0-	.0	10IKT	N	3
RHB 867	CH	32	39	3N	67	18W	62- IX -19	0	0940-0545	110-	110	.0-	.0	10IKT	N	3
RHB 868	CH	32	39	5N	69	2W	62- IX -19	0	0930-1210	457-	457	.0-	.0	10IKT	D	3
RHB 869	CH	32	39	7N	68	41W	62- IX -19	0	1940-0055	64-	457	.0-	.0	10IKT	N	3
RHB 870	CH	32	39	18N	68	55W	62- IX -20	0	0400-0630	11-	11	.0-	.0	10IKT	N	3
RHB 871	CH	32	39	29N	69	13W	62- IX -20	0	0635-1030	534-	534	.0-	.0	10IKT	D	3
RHB 872	CH	32	39	24N	70	33W	62- IX -20	0	1800-2220	549-	549	.0-	.0	10IKT	N	3
RHB 873	CH	32	39	20N	70	41W	62- IX -20	0	2230-0200	82-	82	.0-	.0	10IKT	N	3
RHB 850	CH	35	15	40N	60	57W	63- II - 5	0	1108-1440	275-	300	.0-	.0	10IKT	D	12
RHB 851	CH	35	14	54N	59	34W	63- II - 6	0	0403-0425	45-	45	.0-	.0	10IKT	N	12
RHB 853	CH	35	12	33N	55	8W	63- II - 7	0	1420-1500	505-	795	.0-	.0	10IKT	D	12
RHB 854	CH	35	11	50N	53	44W	63- II - 8	0	0420-0435	112-	112	.0-	.0	10IKT	N	12
RHB 855	CH	35	11	23N	57	1W	63- II - 8	0	1320-1650	530-	610	.0-	.0	10IKT	D	12
RHB 857	CH	35	9	55N	50	18W	63- II - 9	P	2020-2345	67-	67	.0-	.0	10IKT	N	15
RHB 858	CH	35	9	17N	49	4W	63- II -10	P	1000-1340	425-	530	.0-	.0	10IKT	D	15
RHB 859	CH	35	7	57N	45	59W	63- II -11	P	1235-1630	420-	455	.0-	.0	10IKT	D	15
RHB 860	CH	35	7	39N	45	14W	63- II -11	P	2005-2350	60-	60	.0-	.0	10IKT	N	15
RHB 861	CH	35	6	1N	41	51W	63- II -12	P	2020-2355	77-	77	.0-	.0	10IKT	N	15
RHB 862	CH	35	5	24N	39	55W	63- II -13	P	1425-1500	510-	860	.0-	.0	10IKT	D	15
RHB 863	CH	35	3	40N	37	30W	63- II -14	P	1420-1435	355-	355	.0-	.0	10IKT	D	15
RHB 864	CH	35	1	0N	34	54W	63- II -15	P	1515-1720	325-	325	.0-	.0	10IKT	D	15

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP	200M TEMP	GEAR	CODE	PROV.
RHB 565	CH	35	1 28	34 58W	63- II -16	P	10:55-1420	355- 355	.0- .0	.0	.0	10IKT	D	15
RHB 566	CH	35	1 13S	34 35W	63- II -17	0	03:35-0605	102- 102	.0- .0	.0	.0	10IKT	N	15
RHB 967	CH	35	0 26N	32 6W	63- II -18	0	01:25-0455	60- 60	.0- .0	.0	.0	10IKT	N	15
RHB 568	CH	35	1 2N	29 4W	63- II -18	0	19:35-2345	240- 240	.0- .0	.0	.0	10IKT	N	15
RHB 569	CH	35	0 24N	27 32W	63- II -19	0	20:00-2350	300- 300	.0- .0	.0	.0	10IKT	N	15
RHB 570	CH	35	0 58S	27 34W	63- II -20	0	19:15-2335	255- 255	.0- .0	.0	.0	10IKT	N	15
RHB 971	CH	35	2 0S	24 57W	63- II -22	0	00:00-0400	255- 295	.0- .0	.0	.0	10IKT	N	15
RHB 972	CH	35	0 3N	25 0W	63- II -23	0	01:10-0420	87- 87	.0- .0	.0	.0	10IKT	N	15
RHB 973	CH	35	1 36N	25 4W	63- II -23	0	23:30-0335	280- 280	.0- .0	.0	.0	10IKT	N	15
RHB 574	CH	35	1 56N	25 32W	63- II -24	0	11:45-1500	280- 410	.0- .0	.0	.0	10IKT	D	15
RHB 975	CH	35	1 35N	27 3W	63- II -25	0	00:55-0520	250- 200	.0- .0	.0	.0	10IKT	N	15
RHB 576	CH	35	0 3N	27 31W	63- II -26	0	01:50-0605	565- 675	.0- .0	.0	.0	10IKT	N	15
RHB 577	CH	35	1 20S	27 37W	63- II -26	0	22:40-0535	1100-1100	.0- .0	.0	.0	10IKT	N	15
RHB 578	CH	35	1 44S	27 44W	63- II -27	0	09:55-1800	1000-3500	.0- .0	.0	.0	10IKT	D	15
RHB 579	CH	35	2 38S	28 47W	63- II -28	0	00:10-0400	1100-1100	.0- .0	.0	.0	10IKT	N	15
RHB 580	CH	35	3 55S	30 38W	63- II -28	0	21:05-0105	257- 257	.0- .0	.0	.0	10IKT	N	15
RHB 581	CH	35	5 42S	32 25W	67-III - 1	P	10:05-1325	120- 120	.0- .0	.0	.0	10IKT	D	15
RHB 582	CH	35	6 51S	33 34W	63-III - 1	P	21:05-2500	85- 85	.0- .0	.0	.0	10IKT	N	17
RHB1002	A2	13	41 36N	62 11W	64- IX - 3	0	10:00-1420	300- 330	.0- .0	18.0	12.0	10IKT	D	3
RHB1003	A2	13	41 36N	60 30W	64- IX - 3	0	20:10-2355	50- 60	.0- .0	21.5	13.0	10IKT	N	3
RHB1004	A2	13	41 29N	60 14W	64- IX - 4	0	00:55-0515	330- 395	.0- .0	21.2	12.0	10IKT	N	3
RHB1005	A2	13	41 26N	59 1W	64- IX - 4	0	10:15-1435	400- 555	.0- .0	22.2	11.5	10IKT	D	3
RHB1006	A2	13	41 16N	57 37W	64- IX - 4	0	19:35-2340	65- 85	14.4-17.8	22.4	11.5	10IKT	N	3
RHB1008	A2	13	41 24N	56 12W	64- IX - 5	0	08:30-1245	355- 400	.0- .0	22.8	12.0	10IKT	D	3
RHB1009	A2	13	41 24N	55 52W	64- IX - 5	0	15:00-1800	300- 475	7.2-10.0	23.7	11.5	10IKT	D	3

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP	200M TEMP	GEAR	CODE	PROV.
RHB1010	A2	13	41 31N	55 11W	64- IX - 5	0	1945-2340	22- 30	24.4-25.0	24.2	16.5	10IKT	N	8
RHB1011	A2	13	41 33N	54 55W	64- IX - 6	0	0145-0600	35- 55	20.6-23.9	24.3	17.0	10IKT	N	8
RHB1012	A2	13	41 39N	54 3W	64- IX - 6	0	0900-1225	490- 490	7.2- 8.9	22.1	12.5	10IKT	D	3
RHB1013	A2	13	41 26N	52 21W	64- IX - 6	0	1730-2325	35- 65	16.3-24.4	22.8	13.5	10IKT	N	3
RHB1014	A2	13	41 34N	52 15W	64- IX - 7	0	0100-0510	50- 85	17.0-23.3	21.6	13.0	10IKT	N	3
RHB1015	A2	13	41 31N	50 54W	64- IX - 7	0	0835-1225	265- 335	1.7- 4.4	14.4	5.0	10IKT	D	1
RHB1016	A2	13	41 28N	48 47W	64- IX - 8	P	0845-1240	270- 270	2.2- 4.4	18.3	5.5	10IKT	D	1
RHB1017	A2	13	41 27N	47 20W	64- IX - 8	P	1915-2325	55- 72	12.2-23.9	21.8	9.0	10IKT	N	1
RHB1018	A2	13	41 27N	47 13W	64- IX - 9	P	0455-0545	57- 150	5.8-22.2	21.2	6.0	10IKT	N	1
RHB1019	A2	13	41 53N	46 44W	64- IX - 9	P	0825-1232	400- 410	7.8-10.0	22.3	13.5	10IKT	D	2
RHB1020	A2	13	42 5N	46 29W	64- IX - 9	P	1320-1750	350- 425	7.8-10.0	22.3	13.0	10IKT	D	2
RHB1021	A2	13	42 24N	46 11W	64- IX - 9	P	1915-2310	145- 172	21.7-23.9	21.1	13.5	10IKT	N	2
RHB1022	A2	13	42 35N	45 56W	64- IX -10	P	0115-0515	40- 50	20.0-21.7	22.1	11.5	10IKT	N	2
RHB1023	A2	13	43 16N	45 3W	64- IX -10	P	0835-1250	520- 700	5.8-14.4	21.0	15.5	10IKT	D	2
RHB1024	A2	13	44 7N	44 9W	64- IX -10	P	1910-2320	100- 140	18.3-21.1	19.9	14.0	10IKT	N	2
RHB1025	A2	13	44 13N	44 11W	64- IX -11	P	0815-0430	23- 35	20.6-21.7	20.1	14.5	10IKT	N	2
RHB1026	A2	13	44 38N	43 55W	64- IX -11	P	0900-1330	440- 440	.0- .0	20.3	14.5	10IKT	D	2
RHB1027	A2	13	45 25N	43 20W	64- IX -11	P	1928-2335	46- 46	14.4-17.2	15.3	5.0	10IKT	N	1
RHB1028	A2	13	45 40N	43 14W	64- IX -12	P	0145-0540	180- 290	5.0- 8.9	15.9	7.0	10IKT	N	1
RHB1029	A2	13	46 22N	42 48W	64- IX -12	P	0845-1250	230- 350	5.6- 6.1	12.4	6.9	10IKT	D	1
RHB1030	A2	13	47 11N	42 11W	64- IX -12	P	1915-2325	30- 35	6.1-15.6	13.2	4.5	10IKT	N	1
RHB1031	A2	13	47 14N	41 56W	64- IX -13	P	0115-0510	170- 260	6.1-11.1	13.4	6.5	10IKT	N	1
RHB1032	A2	13	47 20N	40 48W	64- IX -13	P	0840-1250	320- 360	12.8-13.3	17.0	13.2	10IKT	D	2
RHB1033	A2	13	47 27N	40 50W	64- IX -13	P	1615-1855	420- 0	12.8-16.9	17.3	13.5	10IKT	T	2
RHB1034	A2	13	47 16N	40 56W	64- IX -13	P	1910-2320	22- 30	16.3-18.9	17.1	12.6	10IKT	N	2

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	20CM TEMP.	GEAR	CODE	PROV.
RHB1035	A2	13	46 16N	35 29W	64- IX -17	P	1955-2210	45- 60	12.8-18.3	16.6	12.0	10IKT	N	2
RHB1036	A2	13	42 20N	29 9W	64- IX -19	0	1600-1830	470- 520	.0- .0	20.3	13.3	HMT	T	4
RHB1037	A2	13	41 6N	29 19W	64- IX -20	0	0940-1245	355- 500	13.3-15.6	20.8	13.3	HMT	D	4
RHB1038	A2	13	41 3N	29 11W	64- IX -20	0	1355-1620	350- 450	15.0-15.6	21.0	13.5	HMT	D	4
RHB1039	A2	13	40 47N	28 41W	64- IX -20	0	2030-2350	450- 500	.0- .0	20.8	13.4	HMT	N	4
RHB1040	A2	13	36 27N	27 17W	64- IX -21	0	0925-1145	320- 375	15.0-16.1	22.2	13.8	HMT	D	4
RHB1041	A2	13	35 24N	27 11W	64- IX -21	0	1405-1830	220- 300	15.0-15.6	22.2	14.2	HMT	D	4
RHB1042	A2	13	38 4N	26 33W	64- IX -24	0	1917-2310	25- 35	18.3-22.2	21.5	13.5	10IKT	N	4
RHB1043	A2	13	39 28N	31 10W	64- IX -25	0	1920-2232	20- 35	21.1-22.8	21.2	13.5	10IKT	N	4
RHB1044	A2	13	39 37N	31 10W	64- IX -26	0	0030-0555	200- 475	13.3-15.6	21.0	13.5	10IKT	N	4
RHB1045	A2	13	39 34N	33 37W	64- IX -26	0	1930-2325	15- 72	18.3-22.2	21.1	13.5	10IKT	N	4
RHB1046	A2	13	39 30N	35 58W	64- IX -27	0	0915-1237	425- 500	13.3-13.9	20.5	13.8	10IKT	D	4
RHB1047	A2	13	39 25N	36 56W	64- IX -27	0	1950-2255	40- 57	18.3-19.4	22.0	14.5	10IKT	N	4
RHB1049	A2	13	39 33N	42 47W	64- IX -29	P	1237-1615	330- 390	18.3-26.1	23.0	17.0	10IKT	D	2
RHB1050	A2	13	39 31N	43 33W	64- IX -29	P	1910-2215	40- 57	21.1-23.9	23.1	17.0	10IKT	N	2
RHB1051	A2	13	39 24N	46 29W	64- IX -30	P	1130-1415	360- 455	18.3-18.9	22.7	17.0	10IKT	D	6
RHB1052	A2	13	39 19N	47 45W	64- IX -30	P	2014-2220	55- 85	23.9-26.7	23.6	17.5	10IKT	N	8
RHB1053	A2	13	39 26N	50 15W	64- X - 1	P	0910-1130	285- 470	17.8-19.4	23.9	17.5	10IKT	D	8
RHB1054	A2	13	39 36N	51 55W	64- X - 1	P	2010-2110	30- 40	22.2-22.8	22.5	13.5	10IKT	N	3
RHB1055	A2	13	39 46N	54 37W	64- X - 2	P	0915-1050	310- 380	17.2-26.7	25.2	18.0	10IKT	D	8
RHB1100	CH	49	13 13N	59 56W	65- VI -12	0	2130-0612	140- 160	22.2-22.4	40.0	.0	10IKT	N	12
RHB1101	CH	49	13 18N	60 5W	65- VI -13	0	0126-0405	185- 187	18.3-20.0	.0	.0	10IKT	N	12
RHB1102	CH	49	13 45N	61 15W	65- VI -13	0	1000-1243	190- 200	.0- .0	.0	.0	10IKT	D	14
RHB1104	CH	49	14 27N	62 25W	65- VI -13	0	1940-2348	50- 52	.0- .0	.0	.0	10IKT	N	14
RHB1105	CH	49	15 42N	64 13W	65- VI -14	0	1307-1652	205- 230	.0- .0	.0	.0	10IKT	D	14

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PRUV.
RHB1106	CH	49	17	30N	65- VI -15	0	1107-1455	350- 360	.0- .0	27.6	.0	HMT	D	14
RHB1107	CH	49	19	52N	65- VI -16	0	0818-1140	100- 140	.0- .0	.0	.0	MKT	O	5
RHB1108	CH	49	19	55N	65- VI -16	0	1418-1820	500- 525	.0- .0	26.7	.0	HMT	O	9
RHB1109	CH	49	20	5N	65- VI -16	0	1922-2320	20- 30	.0- .0	.0	.0	HMT	N	9
RHB1111	CH	49	21	33N	65- VI -17	0	1520-1940	613- 667	.0- .0	26.7	.0	10IKT	O	9
RHB1112	CH	49	21	45N	65- VI -17	0	2008-2303	179- 196	.0- .0	.0	.0	10IKT	N	5
RHB1113	CH	49	23	23N	65- VI -18	0	0712-1100	119- 146	23.5-24.5	27.3	18.0	10IKT	O	9
RHB1114	CH	49	23	34N	65- VI -18	0	1154-1615	494- 558	.0- .0	27.6	17.8	10IKT	O	5
RHB1115	CH	49	24	25N	65- VI -18	0	2005-2335	18- 40	26.5-27.5	27.2	20.0	10IKT	N	9
RHB1116	CH	49	24	37N	65- VI -19	0	0030-0430	70- 75	.0- .0	.0	.0	10IKT	N	9
RHB1117	CH	49	25	18N	65- VI -19	0	0715-1115	311- 494	.0- .0	26.8	21.5	10IKT	O	8
RHB1118	CH	49	25	29N	65- VI -19	0	1215-1640	494- 567	.0- .0	26.7	18.8	10IKT	O	8
RHB1119	CH	49	26	22N	65- VI -19	0	2030-2340	50- 55	.0-21.0	26.5	18.8	10IKT	N	8
RHB1120	CH	49	26	30N	65- VI -20	0	0030-0445	50- 55	21.0-22.0	26.3	18.8	10IKT	N	8
RHB1121	CH	49	27	28N	65- VI -20	0	0830-1217	466- 572	.0- .0	26.3	19.5	10IKT	O	9
RHB1122	CH	49	27	40N	65- VI -20	0	1350-1622	311- 365	.0- .0	26.3	19.0	10IKT	O	9
RHB1123	CH	49	28	28N	65- VI -20	0	2045-2350	50- 55	23.0-24.0	26.2	19.5	10IKT	N	8
RHB1124	CH	49	28	36N	65- VI -21	0	0036-0345	65- 100	19.0-20.0	24.8	18.9	10IKT	N	8
RHB1125	CH	49	29	31N	65- VI -21	0	0740-1125	357- 448	.0- .0	25.2	18.9	10IKT	O	8
RHB1126	CH	49	31	20N	65- VI -21	0	2050-2335	45- 55	21.0-22.0	24.8	18.8	10IKT	N	8
RHB1127	CH	49	31	28N	65- VI -22	0	0025-0345	75- 83	19.5-20.0	24.5	18.8	10IKT	N	8
RHB1128	CH	49	32	20N	65- VI -22	0	0751-1122	421- 472	.0- .0	24.5	18.8	10IKT	O	8
RHB1129	CH	49	34	12N	65- VI -22	0	2115-2400	70- 80	.0- .0	24.7	18.8	10IKT	N	8
RHB1130	CH	49	34	18N	65- VI -23	0	0035-0350	170- 175	.0- .0	24.2	18.8	10IKT	N	8
RHB1131	CH	49	35	22N	65- VI -23	0	0839-1145	380- 393	.0- .0	24.3	18.8	10IKT	O	8

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP	200M TEMP	GEAR	CODE	PROV.
RHB1132	CH	49	37 18N	70 22W	65-VI-23	0	2050-2355	52-85	0.0-0.0	26.5	19.0	10IKT	N	6
RHB1200	A2	20	16 13N	59 5W	66-II-11	0	1045-1420	390-450	10.6-14.0	.0	.0	10IKT	D	12
RHB1201	A2	20	14 47N	54 49W	66-II-12	0	2000-2315	60-72	24.0-27.0	.0	.0	10IKT	N	12
RHB1202	A2	20	13 0N	49 38W	66-II-14	0	0505-0810	110-220	.0-.0	26.1	.0	10IKT	T	12
RHB1203	A2	20	11 5N	43 39W	66-II-20	P	0100-0410	55-55	.0-.0	25.4	.0	10IKT	N	15
RHB1204	A2	20	10 44N	39 43W	66-II-21	P	2100-0020	45-63	19.0-26.0	25.4	.0	10IKT	N	15
RHB1205	A2	20	10 54N	35 3W	66-II-23	0	0030-0325	57-72	23.0-25.5	25.2	.0	10IKT	N	15
RHB1206	A2	20	11 1N	34 18W	66-II-23	0	1345-1600	430-490	8.0-10.0	25.5	.0	10IKT	D	16
RHB1207	A2	20	9 16N	27 55W	66-II-26	0	0010-0315	49-51	23.0-26.0	26.0	.0	10IKT	N	16
RHB1208	A2	20	5 11N	23 31W	66-II-27	0	1750-2100	75-150	15.0-19.5	27.3	.0	10IKT	N	16
RHB1209	A2	20	6 18N	20 40W	66-II-28	0	1207-1435	580-590	8.5-10.0	28.5	.0	10IKT	D	16
RHB1210	A2	20	6 40N	19 40W	66-II-28	0	1945-2137	51-56	17.0-19.0	27.6	.0	10IKT	N	16
RHB1211	A2	20	7 55N	15 31W	66-III-1	N	1900-2105	50-59	18.0-21.0	27.8	.0	10IKT	N	16
RHB1212	A2	20	1 0N	45 46W	66-IV-8	P	1045-1430	200-300	9.0-15.0	28.0	.0	10IKT	D	15
RHB1213	A2	20	1 24N	45 24W	66-IV-9	P	0045-0355	200-220	13.0-14.0	.0	.0	10IKT	N	15
RHB1214	A2	20	1 3N	44 31W	66-IV-9	P	2343-0312	95-100	23.5-27.0	.0	.0	10IKT	N	15
RHB1215	A2	20	1 12N	44 47W	66-IV-10	P	2310-0315	80-95	25.0-27.0	.0	.0	10IKT	N	15
RHB1216	A2	20	1 12N	44 39W	66-IV-11	P	2030-0030	370-410	8.5-9.0	.0	.0	10IKT	N	15
RHB1217	A2	20	7 29N	45 44W	66-IV-15	P	0035-0355	50-53	10.0-12.0	.0	.0	10IKT	N	15
RHB1218	A2	20	9 12N	47 3W	66-IV-16	P	1045-1415	350-360	10.5-11.0	.0	.0	10IKT	D	15
RHB1219	A2	20	9 36N	40 37W	66-IV-19	P	0010-0305	250-280	10.0-11.0	.0	.0	10IKT	N	15
RHB1220	A2	20	10 43N	42 37W	66-IV-23	P	0840-1145	250-250	10.0-10.5	.0	.0	10IKT	D	15
RHB1221	A2	20	11 11N	45 28W	66-IV-27	P	0910-1152	300-300	10.5-11.0	.0	.0	10IKT	D	15
RHB1222	A2	20	13 55N	57 0W	66-IV-29	0	2300-0205	300-300	12.0-14.0	.0	.0	10IKT	N	12
RHB1223	A2	20	14 29N	59 4W	66-IV-30	0	2200-0200	275-275	13.0-15.0	.0	.0	10IKT	N	12

H
T
00

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP	200M TEMP	GEAR	CODE	PROV.	
RHB1250	CH	60	17 25N	64 0W	66- V	-24	0	0855-1245	225- 315	13.9-17.2	27.0	19.2	10IKT	D	14
RHB1251	CH	60	17 7N	64 10W	66- V	-24	0	1517-1830	365- 415	10.0-11.7	27.2	19.2	10IKT	D	14
RHB1252	CH	60	16 45N	64 18W	66- V	-24	0	2005-2345	76- 84	25.6-26.7	26.7	18.7	10IKT	N	14
RHB1253	CH	60	16 38N	64 27W	66- V	-25	0	0039-0415	110- 133	22.2-23.9	26.8	18.4	10IKT	N	14
RHB1254	CH	60	15 11N	66 59W	66- V	-26	0	0930-1250	325- 355	11.1-12.8	27.3	18.3	10IKT	D	14
RHB1255	CH	60	15 1N	67 28W	66- V	-26	0	1425-1836	365- 420	10.6-11.4	27.6	18.4	10IKT	D	14
RHB1256	CH	60	14 52N	67 57W	66- V	-26	0	2018-2305	64- 66	27.0-27.0	27.5	18.6	10IKT	N	14
RHB1257	CH	60	13 51N	70 15W	66- V	-27	0	1040-1615	485- 550	.0- .0	27.2	17.8	HMT	D	14
RHB1258	CH	60	13 32N	71 24W	66- V	-27	0	2020-2318	165- 210	13.9-18.9	27.2	18.3	10IKT	N	14
RHB1259	CH	60	13 29N	71 36W	66- V	-28	0	0010-0424	42- 47	27.2-27.8	27.1	17.9	10IKT	N	14
RHB1260	CH	60	13 12N	72 47W	66- V	-28	0	0905-1515	785- 890	.0- .0	27.6	16.8	HMT	D	14
RHB1261	CH	60	13 4N	73 12W	66- V	-28	0	1605-2025	275- 300	11.7-12.2	27.7	16.6	10IKT	T	14
RHB1262	CH	60	13 0N	73 26W	66- V	-28	0	2100-2335	62- 68	22.5-22.8	27.6	16.2	10IKT	N	14
RHB1263	CH	60	12 58N	73 34W	66- V	-29	0	0020-0505	120- 120	19.4-20.6	27.2	15.7	10IKT	N	14
RHB1264	CH	60	12 56N	73 49W	66- V	-29	R	0425-0815	225- 310	11.7-12.8	26.6	15.8	10IKT	T	14
RHB1265	CH	60	12 52N	74 0W	66- V	-29	R	0853-1232	355- 410	.0- .0	26.6	15.8	10IKT	D	14
RHB1266	CH	60	12 44N	74 10W	66- V	-29	R	1255-1625	365- 575	7.8- 9.4	27.2	15.7	10IKT	D	14
RHB1267	CH	60	12 38N	74 11W	66- V	-29	R	1702-2020	195- 225	15.0-15.9	27.5	16.0	10IKT	T	14
RHB1268	CH	60	12 32N	74 13W	66- V	-29	R	2015-2255	44- 47	25.0-25.3	27.6	16.1	10IKT	N	14
RHB1269	CH	60	11 3N	77 44W	66- VI	- 3	R	0905-1305	374- 421	.0- .0	28.5	17.2	10IKT	D	14
RHB1270	CH	60	11 2N	77 54W	66- VI	- 3	R	1325-1620	238- 274	15.6-15.6	28.6	17.7	10IKT	D	14
RHB1271	CH	60	11 3N	78 41W	66- VI	- 3	P	2010-2314	115- 128	22.8-22.8	29.0	17.6	10IKT	N	14
RHB1272	CH	60	12 9N	78 30W	66- VI	- 4	R	1230-1700	460- 555	7.2- 7.8	28.7	16.5	10IKT	D	14
RHB1273	CH	60	12 58N	78 24W	66- VI	- 4	R	2000-2305	57- 62	26.1-27.2	28.1	16.8	10IKT	N	14
RHB1274	CH	60	13 7N	78 23W	66- VI	- 5	R	0005-0416	100- 109	24.4-24.4	28.0	17.0	10IKT	N	14

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.		
RHB1275	CH	60	14	20N	78	16W	66-VI-5	R	0907-1255	305-380	0-0	27.4	19.8	10IKT	D	14
RHB1276	CH	60	16	5N	77	50W	66-VI-5	R	2010-2315	47-48	27.1-27.1	27.4	22.5	10IKT	N	14
RHB1277	CH	60	16	12N	79	0W	66-VI-6	R	0015-0430	183-198	22.5-27.7	27.4	22.5	10IKT	N	14
RHB1278	CH	60	16	48N	79	14W	66-VI-6	R	1068-1325	260-280	0-0	27.4	20.9	10IKT	D	14
RHB1279	CH	60	16	57N	79	25W	66-VI-6	R	1400-1815	210-325	0-0	27.4	20.7	10IKT	D	14
RHB1280	CH	60	17	10N	79	40W	66-VI-6	R	1825-2120	305-385	0-0	27.4	20.3	10IKT	T	14
RHB1281	CH	60	17	8N	79	35W	66-VI-6	R	2200-0013	185-205	19.2-20.5	27.4	19.6	10IKT	N	14
RHB1282	CH	60	17	7N	79	32W	66-VI-7	R	0025-0412	140-185	20.5-24.3	27.3	20.0	10IKT	N	14
RHB1283	CH	60	17	4N	79	26W	66-VI-7	R	0432-0819	200-255	0-0	27.3	20.9	10IKT	T	14
RHB1284	CH	60	17	53N	80	44W	66-VI-7	R	1620-1915	195-255	0-0	27.2	22.3	10IKT	D	14
RHB1285	CH	60	19	40N	82	58W	66-VI-9	R	2015-2315	57-67	25.9-25.1	27.2	20.7	10IKT	N	14
RHB1286	CH	60	19	46N	83	7W	66-VI-10	R	0010-0519	81-86	25.2-25.2	27.2	20.6	10IKT	N	14
RHB1287	CH	60	20	13N	84	12W	66-VI-10	S	0855-1225	465-495	12.2-12.2	27.9	19.7	10IKT	D	14
RHB1288	CH	60	20	40N	84	26W	66-VI-10	S	1330-1640	285-320	17.8-17.8	28.1	19.8	10IKT	D	14
RHB1289	CH	60	21	11N	85	12W	66-VI-10	S	2003-2327	153-170	21.7-22.2	28.0	19.3	10IKT	N	14
RHB1290	CH	60	21	17N	85	22W	66-VI-11	S	0010-0413	113-124	23.9-23.9	27.5	19.0	10IKT	N	14
RHB1291	CH	60	22	54N	51	36W	66-VI-12	S	2012-2315	47-57	23.3-23.9	27.9	15.7	10IKT	N	13
RHB1292	CH	60	21	42N	53	21W	66-VI-13	S	0848-1231	265-325	9.4-10.0	28.3	14.7	10IKT	D	13
RHB1293	CH	60	20	1N	95	55W	66-VI-17	S	1317-1650	370-370	7.8-8.9	28.9	13.5	10IKT	D	13
RHB1294	CH	60	20	48N	95	48W	66-VI-17	S	2012-2303	50-100	19.7-20.7	28.8	14.0	10IKT	N	13
RHB1295	CH	60	22	22N	95	20W	66-VI-18	S	1245-1640	365-435	7.2-7.2	29.0	13.5	10IKT	D	13
RHB1296	CH	60	23	6N	94	53W	66-VI-18	S	2007-2305	156-205	15.6-15.6	29.0	15.0	10IKT	N	13
RHB1297	CH	60	23	13N	94	50W	66-VI-18	S	2355-0413	124-128	20.6-21.1	28.8	15.9	10IKT	N	13
RHB1298	CH	60	23	55N	94	0W	66-VI-19	S	0914-1255	365-370	11.1-11.1	28.4	17.7	10IKT	D	13
RHB1299	CH	60	24	4N	93	52W	66-VI-19	S	1310-1655	435-460	9.4-9.4	28.6	19.2	10IKT	D	13

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB1300	CH	60	24 32N	93 16W	66- VI -19	S	2011-2332	405- 450	9.4-11.1	28.4	20.7	10IKT	N	13
RHB1301	CH	60	24 36N	93 12W	66- VI -20	S	0858-1153	230- 310	15.6-18.3	28.1	20.0	10IKT	D	13
RHB1302	CH	60	25 48N	91 40W	66- VI -20	S	2036-2335	170- 190	14.4-15.0	28.1	14.1	10IKT	N	13
RHB1303	CH	60	25 51N	91 30W	66- VI -21	S	0029-0415	47- 53	20.6-20.6	28.0	13.9	10IKT	N	13
RHB1304	CH	60	26 36N	90 41W	66- VI -21	S	0851-1135	393- 430	7.2- 7.2	27.7	14.7	10IKT	D	13
RHB1305	CH	60	26 36N	90 41W	66- VI -21	S	1300-1610	425- 510	.0- .0	28.2	14.3	HMT	D	13
RHB1306	CH	60	26 57N	90 8W	66- VI -21	S	2005-2315	205- 235	11.1-11.1	27.9	13.7	10IKT	N	13
RHB1307	CH	60	27 1N	90 2W	66- VI -22	S	0000-0408	85- 95	18.3-18.3	27.5	13.5	10IKT	N	13
RHB1308	CH	60	26 52N	89 23W	66- VI -22	S	1225-1640	512- 549	.0- .0	28.8	12.9	10IKT	D	13
RHB1309	CH	60	26 31N	89 48W	66- VI -22	S	2007-2312	115- 155	14.5-17.0	28.5	13.0	10IKT	N	13
RHB1310	CH	60	26 12N	87 54W	66- VI -23	S	0520-1535	2150- 0	.0- .0	28.5	22.3	10IKT	D	13
RHB1311	CH	60	24 6N	84 14W	66- VI -24	S	1235-1648	310- 365	10.0-11.7	28.1	16.7	10IKT	D	13
RHB1312	CH	60	23 53N	83 22W	66- VI -24	S	1931-2308	52- 60	21.7-23.9	28.3	12.8	10IKT	N	23
RHB1313	CH	60	23 55N	83 12W	66- VI -25	S	0024-0315	130- 145	16.1-17.3	28.3	13.2	10IKT	N	23
RHB1314	CH	60	25 31N	79 46W	66- VI -25	R	2010-2310	195- 205	17.2-17.8	28.4	16.5	10IKT	N	23
RHB1315	CH	60	25 46N	79 47W	66- VI -25	R	2355-0407	57- 71	24.6-25.0	28.4	16.7	10IKT	N	23
RHB1316	CH	60	29 53N	79 24W	66- VI -26	R	2005-2310	33- 46	24.5-26.2	26.7	18.7	10IKT	N	8
RHB1317	CH	60	37 56N	72 25W	66- VI -28	R	2137-0350	1850- 0	.0- .0	19.1	7.9	10IKT	N	1
RHB1420	A2	31	8 27S	30 4W	67- II -27	0	1454-1900	250- 250	10.0-10.0	.0	.0	10IKT	D	17
RHB1421	A2	31	10 20S	30 32W	67- II -28	0	1750-0009	2030- 0	.0- .0	.0	.0	10IKT	N	17
RHB1422	A2	31	12 16S	31 2W	67-III - 1	0	1955-2153	150- 180	19.0-23.0	.0	.0	10IKT	N	17
RHB1423	A2	31	12 21S	31 4W	67-III - 1	0	2200-2341	75- 90	26.0-26.0	.0	.0	10IKT	N	17
RHB1424	A2	31	14 30S	30 31W	67-III - 3	0	0620-1033	375- 400	8.0-10.0	.0	.0	10IKT	D	17
RHB1425	A2	31	16 7S	29 59W	67-III - 3	0	1936-2229	75- 85	24.0-26.0	.0	.0	10IKT	N	17
RHB1426	A2	31	16 16S	29 55W	67-III - 3	0	2234-2356	42- 45	27.0-28.0	.0	.0	10IKT	N	17

H-11

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PRUV.
RHB1427	A2	31	18 10S	29 40W	67-III - 5	0	1910-2121	120- 140	22.0-24.0	.0	.0	10IKT	N	17
RHB1428	A2	31	18 21S	29 39W	67-III - 5	0	2129-2311	70- 75	25.0-25.0	.0	.0	10IKT	N	17
RHB1429	A2	31	19 46S	29 24W	67-III - 6	0	0811-1128	330- 380	12.0-13.0	.0	.0	10IKT	D	17
RHB1430	A2	31	19 59S	29 20W	67-III - 6	0	1135-1214	25- 25	27.0-27.0	.0	.0	10IKT	D	17
RHB1431	A2	31	23 2S	32 15W	67-III - 9	0	0110-0340	150- 175	18.0-20.0	.0	.0	10IKT	N	17
RHB1432	A2	31	23 8S	32 22W	67-III - 9	0	0355-0532	100- 110	22.0-23.0	.0	.0	10IKT	N	17
RHB1433	A2	31	25 22S	35 8W	67-III -10	0	0835-1056	290- 310	14.0-15.0	.0	.0	10IKT	D	17
RHB1434	A2	31	26 30S	36 33W	67-III -11	P	0833-1405	1875- 0	.0- .0	.0	.0	10IKT	D	17
RHB1435	A2	31	27 49S	38 18W	67-III -12	P	0045-0303	125- 135	17.5-18.0	.0	.0	10IKT	N	17
RHB1436	A2	31	27 55S	38 26W	67-III -12	P	0308-0436	60- 65	20.0-21.0	.0	.0	10IKT	N	17
RHB1437	A2	31	30 36S	41 56W	67-III -13	P	1318-1630	450- 500	11.0-13.0	.0	.0	10IKT	D	17
RHB1438	A2	31	32 53S	45 6W	67-III -16	P	0028-0231	50- 110	19.0-20.0	.0	.0	10IKT	N	17
RHB1439	A2	31	32 56S	46 12W	67-III -16	P	0239-0425	30- 40	22.5-22.5	.0	.0	10IKT	N	17
RHB1440	A2	31	34 43S	49 28W	67-III -17	P	1006-1449	1295- 0	.0- .0	.0	.0	10IKT	D	20
RHB1441	A2	31	36 45S	53 6W	67-III -18	P	2332-0120	175- 190	17.0-17.5	.0	.0	10IKT	N	20
RHB1442	A2	31	36 39S	53 13W	67-III -19	P	0125-0246	70- 75	22.0-24.0	.0	.0	10IKT	N	20
RHB1500	CH	72	40 46N	67 20W	67-VIII-23	0	1613-1800	45- 52	.0- .0	.0	.0	10IKT	D	3
RHB1501	CH	72	40 13N	67 20W	67-VIII-24	0	0145-0520	67- 75	.0- .0	26.0	11.9	10IKT	N	3
RHB1502	CH	72	40 4N	67 13W	67-VIII-24	0	1228-1605	200- 210	16.0-17.0	25.7	16.1	10IKT	D	8
RHB1503	CH	72	39 10N	67 20W	67-VIII-24	0	2215-0102	50- 105	14.0-16.0	25.8	12.0	10IKT	N	3
RHB1504	CH	72	39 1N	67 22W	67-VIII-25	0	0125-0355	45- 50	15.0-17.0	25.9	11.1	10IKT	N	3
RHB1505	CH	72	37 40N	66 50W	67-VIII-25	0	2305-0100	100- 105	.0- .0	28.2	17.1	10IKT	N	8
RHB1506	CH	72	37 37N	66 43W	67-VIII-26	0	0115-0245	36- 36	26.0-27.0	28.0	18.0	10IKT	N	8
RHB1507	CH	72	36 43N	67 16W	67-VIII-26	0	1445-1655	400- 475	19.0-20.0	29.0	19.1	10IKT	D	8
RHB1508	CH	72	36 27N	67 18W	67-VIII-26	0	1645-1835	160- 190	19.0-20.0	28.0	18.6	10IKT	D	8

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP	200M TEMP	GEAR	CODE	PROV.
RHB1509	CH	72	35 39N	67 17W	67-VIII-26	0	2245-0046	155- 165	21.0-22.0	28.1	18.3	10IKT	N	8
RHB1510	CH	72	35 31N	67 175	67-VIII-27	0	0105-0235	35- 35	28.0-26.0	28.0	18.5	10IKT	N	8
RHB1511	CH	72	35 24N	67 19W	67-VIII-27	0	1723-1925	220- 235	20.0-21.0	27.8	18.5	10IKT	T	8
RHB1512	CH	72	35 42N	67 32W	67-VIII-27	0	2027-2220	55- 60	25.0-26.0	27.7	18.5	10IKT	N	8
RHB1513	CH	72	35 47N	67 33W	67-VIII-27	0	2300-0038	35- 40	26.0-27.0	27.2	18.1	10IKT	N	8
RHB1514	CH	72	36 54N	68 12W	67-VIII-28	0	0811-1158	180- 400	20.0-22.0	27.4	18.4	10IKT	D	8
RHB1515	CH	72	37 28N	68 32W	67-VIII-28	0	1507-1850	1075-1075	0.0- 0.0	29.3	18.4	10IKT	D	8
RHB1516	CH	72	38 3N	68 35W	67-VIII-29	0	0212-0350	75- 90	26.0-26.0	28.5	18.0	10IKT	N	8
RHB1517	CH	72	38 2N	68 32W	67-VIII-29	0	0430-0550	42- 55	28.0-29.0	28.5	18.5	10IKT	T	8
RHB1518	CH	72	38 48N	69 17W	67-VIII-29	0	1530-1810	145- 160	13.0-13.0	0.0	0.0	10IKT	D	3
RHB1519	CH	72	39 2N	69 35W	67-VIII-30	0	2025-2218	120- 125	14.0-14.0	24.5	11.1	10IKT	N	3
RHB1520	CH	72	38 56N	69 32W	67-VIII-30	0	2230-0035	35- 35	15.0-16.0	25.1	10.8	10IKT	N	3
RHB1521	CH	72	38 51N	69 26W	67-VIII-31	0	0025-0310	135- 205	12.0-13.0	25.1	10.8	10IKT	N	3
RHB1522	CH	72	38 51N	69 38W	67-VIII-31	0	0330-0515	100- 115	15.0-15.0	25.8	11.5	10IKT	N	3
RHB1523	CH	72	38 52N	69 46W	67-VIII-31	0	0540-0805	180- 260	9.0-12.0	25.2	11.3	10IKT	T	3
RHB1524	CH	72	38 56N	69 37W	67-VIII-31	0	1010-1150	70- 97	15.0-16.0	24.7	11.5	10IKT	D	3
RHB1600	GO	106	39 48N	70 27W	67- X - 3	0	1440-1800	300- 700	0.0- 0.0	0.0	0.0	10IKT	D	3
RHB1601	GO	106	39 49N	70 32W	67- X - 4	0	1310-1737	400- 500	0.0- 0.0	0.0	0.0	10IKT	D	3
RHB1602	GO	106	39 51N	70 26W	67- X - 5	0	1245-1445	800- 800	0.0- 0.0	0.0	0.0	10IKT	D	3
RHB1603	GO	106	39 46N	70 30W	67- X - 6	0	0946-1607	950-1000	0.0- 0.0	0.0	0.0	10IKT	D	3
RHB1650	GO	135	39 48N	69 47W	68- X - 3	0	1120-1520	410- 440	0.0- 0.0	0.0	0.0	10IKT	D	3
RHB1700	CH	85	33 11N	68 10W	68- XI -26	R	1852-2115	85- 95	23.5-23.5	21.9	19.7	10IKT	N	6
RHB1701	CH	85	33 6N	68 7W	68- XI -26	R	2200-0012	145- 150	21.5-22.5	22.8	19.7	10IKT	N	8
RHB1702	CH	85	31 24N	67 37W	68- XI -27	R	0916-1330	550- 600	17.0-19.0	22.5	19.1	10IKT	D	8
RHB1703	CH	85	30 45N	67 25W	68- XI -27	R	1842-2120	78- 88	21.5-22.5	22.5	19.2	10IKT	N	8

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP	200M TEMP	GEAR	CODE	PROV.
RHB1704	CH	85	30 30N	67 27W	68- XI -27	R	2263-0007	102- 108	21.7-21.7	22.5	19.3	10IKT	N	6
RHB1705	CH	85	30 16N	67 34W	68- XI -28	R	0155-0405	80- 90	21.2-21.3	22.5	19.7	10IKT	N	8
RHB1706	CH	85	30 10N	67 32W	68- XI -28	R	0440-0625	210- 217	19.0-19.2	22.6	19.2	10IKT	T	8
RHB1707	CH	85	25 57N	67 23W	68- XI -29	R	1320-1625	500- 545	15.7-17.0	25.5	18.7	10IKT	D	9
RHB1708	CH	85	25 37N	67 23W	68- XI -29	R	1828-2115	70- 80	24.0-24.9	25.9	19.2	10IKT	N	9
RHB1709	CH	85	25 26N	67 25W	68- XI -29	R	2208-0030	62- 70	24.8-26.0	26.2	18.8	10IKT	N	9
RHB1710	CH	85	25 21N	67 27W	68- XI -30	R	0050-0258	40- 4F	26.7-27.0	26.3	18.7	10IKT	N	9
RHB1711	CH	85	25 14N	67 32W	68- XI -30	R	0435-0555	118- 122	21.9-22.0	26.5	18.9	10IKT	T	9
RHB1712	CH	85	25 11N	67 41W	68- XI -30	R	2108-2307	75- 80	25.3-26.0	26.6	18.8	10IKT	N	9
RHB1713	CH	85	25 5N	67 42W	68- XI -30	R	2352-0258	110- 125	22.8-22.8	26.5	18.8	10IKT	N	9
RHB1714	CH	85	23 42N	67 30W	68-XII - 1	R	1058-1330	530- 560	0- 0	26.0	18.0	HMT	D	9
RHB1715	CH	85	23 34N	67 31W	68-XII - 1	R	1428-1650	275- 315	17.0-17.4	25.9	18.1	HMT	D	9
RHB1716	CH	85	23 24N	67 30W	68-XII - 1	R	1845-2320	130- 140	19.5-19.9	26.0	18.1	HMT	N	9
RHB1717	CH	85	23 0N	67 29W	68-XII - 2	R	0055-0705	28- 30	25.8-25.8	26.0	18.1	10IKT	N	9
RHB1718	CH	85	22 51N	67 30W	68-XII - 2	R	0320-0600	205- 210	18.0-18.0	25.9	18.2	10IKT	N	9
RHB1720	CH	85	23 56N	67 32W	68-XII - 2	R	1843-2125	550- 590	13.7-15.0	25.8	18.2	10IKT	N	9
RHB1721	CH	85	24 2N	67 31W	68-XII - 2	R	2147-0025	370- 490	17.0-17.8	25.8	18.5	10IKT	N	9
RHB1722	CH	85	25 41N	67 35W	68-XII - 5	R	1838-2140	72- 78	24.0-24.6	25.1	18.7	10IKT	N	9
RHB1723	CH	85	25 39N	67 43W	68-XII - 5	R	2144-0007	120- 125	21.7-21.9	25.0	18.7	10IKT	N	9
RHB1724	CH	85	25 59N	67 24W	68-XII - 6	R	0410-0600	120- 130	19.8-20.2	25.7	18.7	10IKT	T	9
RHB1725	CH	85	26 6N	67 16W	68-XII - 6	R	0621-0735	220- 250	18.7-18.8	24.4	18.7	10IKT	D	9
RHB1727	CH	85	26 46N	67 32W	68-XII - 6	R	2150-0005	55- 65	23.0-24.3	23.3	18.6	10IKT	N	8
RHB1728	CH	85	26 53N	67 33W	68-XII - 7	R	0050-0730	118- 122	18.2-19.0	23.3	18.5	10IKT	N	8
RHB1729	CH	85	27 5N	67 31W	68-XII - 7	R	0400-0605	220- 250	17.3-17.8	23.3	18.3	10IKT	T	8
RHB1730	CH	85	27 45N	67 30W	68-XII - 7	R	0947-1230	720- 760	0- 0	24.1	18.3	HMT	D	8

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TIME	SURF. TEMP	200M TEMP	GEAR	CODE	PROV.
RHB1731	CH	85	28 2N	67 33W	68-XII - 7	R	2023-2203	60- 85	21.05-22.0	24.1	18.6	10IKT	N	8
RHB1732	CH	85	28 9N	67 32W	68-XII - 7	R	2221-0035	125- 130	19.6-20.0	23.8	18.8	10IKT	N	8
RHB1733	CH	85	28 17N	67 34W	68-XII - 8	R	0223-0635	310- 340	18.0-18.3	23.9	18.5	10IKT	T	8
RHB1734	CH	85	28 23N	67 33W	68-XII - 8	R	1028-1248	530- 570	15.5-15.5	24.0	18.5	10IKT	D	8
RHB1735	CH	85	28 23N	67 29W	68-XII - 8	R	1415-1715	780- 870	9.0-10.0	23.5	18.5	10IKT	D	8
RHB1736	CH	85	28 35N	67 24W	68-XII - 8	R	1820-2050	72- 87	21.8-23.0	23.0	18.5	10IKT	N	8
RHB1737	CH	85	28 45N	67 26W	68-XII - 8	R	2105-2337	125- 175	20.3-20.3	23.0	19.6	10IKT	N	8
RHB1738	CH	85	28 32N	67 27W	68-XII - 9	R	0917-1255	930-1040	.0- .0	22.7	18.6	10IKT	D	8
RHB1740	CH	85	31 31N	67 31W	68-XII -10	R	1907-2137	122- 135	21.05-21.8	21.6	18.7	10IKT	N	8
RHB1741	CH	85	31 39N	67 34W	68-XII -10	R	2205-0050	42- 50	21.8-22.0	21.5	18.7	10IKT	N	8
RHB1800	A2	49	35 5N	28 15E	69- V -10	B	2040-2330	65- 70	15.8-15.9	18.9	14.7	10IKT	N	7
RHB1801	A2	49	34 56N	28 14E	69- V -11	B	0110-0400	110- 120	15.4-15.5	18.6	15.0	10IKT	N	7
RHB1802	A2	49	34 42N	28 15E	69- V -11	B	0810-1222	450- 460	14.2-14.3	18.7	15.0	10IKT	D	7
RHB1803	A2	49	34 33N	28 7E	69- V -11	B	1415-1705	500- 850	14.0-14.0	19.3	14.9	10IKT	D	7
RHB1804	A2	49	34 21N	28 0E	69- V -11	B	2010-2337	165- 175	14.7-14.8	18.8	14.7	10IKT	N	7
RHB1805	A2	49	34 11N	27 54E	69- V -12	B	0114-0410	35- 38	16.4-16.6	18.7	14.7	10IKT	N	7
RHB1807	A2	49	34 2N	26 19E	69- V -12	B	2027-2340	78- 83	15.7-15.9	18.7	14.9	10IKT	N	7
RHB1808	A2	49	34 1N	25 4E	69- V -13	B	0111-0410	135- 140	14.8-14.9	18.6	14.6	10IKT	N	7
RHB1809	A2	49	34 2N	25 49E	69- V -13	B	1325-1925	2000- 0	13.5-18.8	18.8	15.1	10IKT	D	7
RHB1810	A2	49	34 0N	23 39E	69- V -14	B	0855-1137	260- 290	14.9-15.1	18.5	15.2	10IKT	D	7
RHB1811	A2	49	34 0N	23 26E	69- V -14	B	1310-1602	500- 550	13.8-14.0	18.5	15.4	10IKT	D	7
RHB1812	A2	49	33 54N	22 48E	69- V -14	B	2025-2350	70- 80	15.6-15.9	18.5	14.9	10IKT	N	7
RHB1813	A2	49	33 52N	22 33E	69- V -15	B	0108-0410	175- 200	14.8-14.9	18.5	14.8	10IKT	N	7
RHB1814	A2	49	33 49N	22 8E	69- V -15	B	1505-1808	570- 580	13.5-14.0	18.7	15.1	10IKT	D	7
RHB1815	A2	49	33 47N	21 56E	69- V -15	B	1810-2015	280- 300	14.5-14.7	18.8	15.1	10IKT	T	7

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB1616	A2	49	33 46N	21 47E	69-V -15	B	2030-2342	26- 28	17.4-17.6	18.8	15.1	10IKT	N	7
RHB1617	A2	49	33 44N	21 30E	69-V -16	B	0411-0407	98- 100	15.6-15.7	18.8	15.0	10IKT	N	7
RHB1618	A2	49	33 40N	21 8E	69-V -16	B	0859-1150	470- 500	13.8-14.0	19.7	14.6	10IKT	D	7
RHB1619	A2	49	33 38N	20 52E	69-V -16	B	1520-1945	340- 360	15.5-15.7	20.9	14.9	10IKT	T	7
RHB1620	A2	49	33 36N	20 36E	69-V -16	B	2003-2350	190- 200	14.4-14.9	20.6	15.0	10IKT	N	7
RHB1621	A2	49	33 34N	20 18E	69-V -17	B	0424-0405	55- 60	15.9-16.1	20.3	14.9	10IKT	N	7
RHB1622	A2	49	33 28N	20 12E	69-V -17	B	1620-1955	620- 680	13.5-13.7	20.3	14.9	10IKT	D	7
RHB1623	A2	49	33 24N	20 0E	69-V -17	B	2014-2343	100- 110	15.6-16.2	20.1	15.2	10IKT	N	7
RHB1624	A2	49	33 21N	19 44E	69-V -18	B	0411-0407	64- 68	16.6-16.7	20.2	15.4	10IKT	N	7
RHB1625	A2	49	33 22N	19 10E	69-V -18	B	1353-2100	2200- 0	13.5-21.3	21.3	15.8	10IKT	D	7
RHB1626	A2	49	35 38N	17 30E	69-V -19	B	2110-2345	65- 70	15.5-15.6	20.1	14.6	10IKT	N	7
RHB1627	A2	49	35 55N	17 20E	69-V -20	B	0202-0410	110- 120	14.8-14.9	19.8	14.5	10IKT	N	7
RHB1628	A2	49	37 48N	15 38E	69-V -21	B	0306-0420	32- 40	14.9-15.4	19.0	14.3	10IKT	N	7
RHB1629	A2	49	38 31N	15 28E	69-V -22	A	1062-1144	285- 285	14.2-14.2	19.2	14.3	10IKT	D	7
RHB1630	A2	49	39 8N	14 33E	69-V -22	A	2066-2346	170- 180	14.4-14.5	20.9	14.3	10IKT	N	7
RHB1631	A2	49	39 19N	14 17E	69-V -23	A	0445-0425	63- 65	14.8-14.9	20.2	14.4	10IKT	N	7
RHB1632	A2	49	40 3N	13 56E	69-V -23	A	2014-2342	98- 102	14.6-14.7	20.4	14.2	10IKT	N	7
RHB1633	A2	49	40 16N	13 45E	69-V -24	A	0403-0415	47- 49	14.9-15.0	20.0	14.2	10IKT	N	7
RHB1634	A2	49	40 32N	13 42E	69-V -27	A	2218-2340	66- 68	13.9-14.7	21.4	14.4	10IKT	N	7
RHB1635	A2	49	40 42N	13 4E	69-V -28	A	0435-0410	105- 110	13.9-14.7	20.9	14.4	10IKT	N	7
RHB1636	A2	49	41 19N	8 39E	69-V -29	A	1329-1650	375- 385	13.5-13.5	18.8	13.4	10IKT	D	6
RHB1637	A2	49	41 20N	8 25E	69-V -29	A	1705-2042	305- 320	13.3-13.3	19.2	13.4	10IKT	T	6
RHB1638	A2	49	41 19N	8 11E	69-V -29	A	2101-2241	72- 80	13.8-13.9	19.1	13.4	10IKT	N	6
RHB1639	A2	49	41 19N	7 55E	69-V -30	A	0413-0410	130- 140	13.6-13.7	19.2	13.4	10IKT	N	6
RHB1640	A2	49	41 21N	7 46E	69-V -30	A	0430-0750	340- 350	13.2-13.2	19.0	13.4	10IKT	T	6

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP	200M TEMP	GEAR	CODE	PROV.
RHB1841	A2	49	40 29N	7 4E	69- V -30	A	2105-2340	60- 65	13.6-15.3	19.2	13.3	10IKT	N	6
RHB1842	A2	49	40 20N	6 57E	69- V -31	A	0110-0415	185- 195	13.3-13.4	19.0	13.3	10IKT	N	6
RHB1843	A2	49	39 57N	6 43E	69- V -31	A	2109-2344	95- 101	13.8-13.9	19.2	13.3	10IKT	N	6
RHB1844	A2	49	39 22N	5 56E	69- VI - 1	A	0707-1145	690- 730	13.2-13.2	19.4	13.3	10IKT	D	6
RHB1845	A2	49	39 6N	5 20E	69- VI - 1	A	1525-2030	280- 300	13.3-13.3	19.5	13.4	10IKT	T	6
RHB1846	A2	49	38 44N	4 22E	69- VI - 2	A	0914-1134	560- 650	13.2-13.2	19.4	13.3	10IKT	D	6
RHB1847	A2	49	38 39N	4 12E	69- VI - 2	A	1506-2042	950-1100	13.0-13.0	19.1	13.3	10IKT	D	6
RHB1848	A2	49	38 31N	3 51E	69- VI - 2	A	2105-2354	53- 57	15.6-15.8	19.2	13.3	10IKT	N	6
RHB1849	A2	49	38 26N	3 35E	69- VI - 3	A	0115-0410	120- 125	13.8-13.9	19.2	13.3	10IKT	N	6
RHB1850	A2	49	38 25N	3 6E	69- VI - 3	A	0922-1137	460- 500	13.2-13.2	19.2	13.1	10IKT	D	6
RHB1851	A2	49	38 5N	2 15E	69- VI - 3	A	1920-2022	50- 110	13.7-15.2	19.5	13.1	10IKT	T	6
RHB1852	A2	49	38 2N	2 10E	69- VI - 3	A	2109-2339	165- 185	13.2-13.3	19.4	13.1	10IKT	N	6
RHB1853	A2	49	37 57N	2 2E	69- VI - 4	A	0107-0407	105- 110	13.5-13.7	19.3	13.1	10IKT	N	6
RHB1854	A2	49	37 26N	0 44E	69- VI - 4	A	2115-2745	69- 72	14.0-14.4	19.3	13.1	10IKT	N	6
RHB1855	A2	49	37 18N	0 26E	69- VI - 5	A	0108-0407	127- 127	13.5-13.6	19.3	13.1	10IKT	N	6
RHB1856	A2	49	37 1N	0 5W	69- VI - 5	A	1525-2050	225- 275	12.9-13.0	20.0	13.0	10IKT	T	6
RHB1857	A2	49	36 55N	0 16W	69- VI - 5	A	2102-2347	74- 80	13.5-13.7	19.7	12.8	10IKT	N	6
RHB1858	A2	49	36 47N	0 28W	69- VI - 6	A	0103-0408	145- 155	12.8-12.9	19.5	12.7	10IKT	N	6
RHB1859	A2	49	36 36N	0 51W	69- VI - 6	A	1543-2040	220- 0	13.0-19.6	19.6	13.1	10IKT	D	6
RHB1860	A2	49	36 30N	1 17W	69- VI - 6	A	2119-2344	34- 38	15.8-16.6	19.5	13.1	10IKT	N	6
RHB1861	A2	49	36 29N	1 32W	69- VI - 7	A	0100-0405	84- 96	13.9-15.0	19.6	13.0	10IKT	N	6
RHB1862	A2	49	36 16N	3 57W	69- VI - 8	A	0114-0222	60- 65	16.0-17.2	18.8	13.2	10IKT	N	6
RHB1863	A2	49	36 16N	4 1W	69- VI - 8	A	0233-0405	130- 170	13.6-14.5	18.4	13.2	10IKT	N	6
RHB1864	A2	49	36 3N	5 17W	69- VI - 8	A	2215-2310	45- 51	14.6-14.9	18.0	13.2	10IKT	N	6
RHB1865	A2	49	36 2N	5 18W	69- VI - 8	A	2316-0031	135- 230	12.9-13.5	18.3	13.1	10IKT	N	6

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	20CM TEMP.	GEAR	CODE	PROV.
RHB1666	A2	49	35 57N	5 42W	69- VI - 9	A	0420-0522	110- 135	13.9-14.4	18.7	13.4	10IKT	N	6
RHB1667	A2	49	36 7N	6 45W	69- VI - 9	A	1910-2100	295- 335	12.0-13.0	19.4	14.0	10IKT	T	5
RHB1668	A2	49	36 14N	6 44W	69- VI -10	A	0115-0350	55- 60	17.4-17.6	19.4	14.0	10IKT	N	5
RHB1669	A2	49	36 16N	8 29W	69- VI -14	A	2145-2345	110- 120	15.6-16.1	19.7	14.3	10IKT	N	5
RHB1670	A2	49	36 20N	8 41W	69- VI -15	A	0039-0233	46- 52	17.6-17.8	19.5	14.3	10IKT	N	5
RHB1671	A2	49	36 22N	8 45W	69- VI -15	Z	0156-0404	56- 62	17.3-17.7	19.3	14.3	10IKT	N	5
RHB1672	A2	49	36 28N	9 6W	69- VI -15	Z	0931-1207	260- 280	12.8-13.2	19.7	14.2	10IKT	D	5
RHB1673	A2	49	36 38N	9 34W	69- VI -15	Z	2049-2236	84- 86	16.4-16.6	19.7	13.9	10IKT	N	5
RHB1674	A2	49	36 41N	9 41W	69- VI -15	Z	2250-2350	130- 135	15.3-15.4	19.3	14.0	10IKT	N	5
RHB1675	A2	49	36 45N	9 50W	69- VI -16	Z	0040-0236	43- 47	17.6-17.8	19.4	14.2	10IKT	N	5
RHB1676	A2	49	36 46N	9 52W	69- VI -16	Z	0248-0406	72- 80	16.2-16.5	19.2	14.2	10IKT	N	5
RHB1677	A2	49	36 53N	11 30W	69- VI -16	Z	2055-2235	70- 74	16.3-16.5	19.2	14.4	10IKT	N	5
RHB1678	A2	49	36 48N	11 36W	69- VI -16	Z	2250-0103	57- 60	16.8-17.1	18.9	14.3	10IKT	N	5
RHB1679	A2	49	36 43N	11 41W	69- VI -17	Z	0050-0235	115- 120	15.2-15.4	18.5	14.2	10IKT	N	5
RHB1680	A2	49	36 38N	11 46W	69- VI -17	Z	0250-0409	150- 155	14.8-14.9	18.5	14.2	10IKT	N	5
RHB1681	A2	49	35 33N	13 16W	69- VI -17	Z	1325-2006	690- 750	10.5-10.7	19.2	14.2	10IKT	D	5
RHB1682	A2	49	35 18N	13 32W	69- VI -17	Z	2059-2234	50- 52	16.5-16.6	19.2	14.2	10IKT	N	5
RHB1683	A2	49	35 15N	13 38W	69- VI -17	Z	2241-0106	82- 87	15.8-16.0	16.9	14.4	10IKT	N	5
RHB1684	A2	49	35 9N	13 43W	69- VI -18	Z	0045-0236	105- 110	15.6-15.7	16.9	14.4	10IKT	N	5
RHB1685	A2	49	35 4N	13 48W	69- VI -18	Z	0243-0410	170- 180	14.7-14.9	18.8	14.4	10IKT	N	5
RHB1686	A2	49	35 54N	13 46W	69- VI -18	Z	1344-1954	405- 465	11.6-12.2	19.5	15.2	10IKT	D	10
RHB1687	A2	49	34 29N	13 55W	69- VI -18	Z	2106-2234	59- 61	17.9-18.5	19.6	15.6	10IKT	N	10
RHB1688	A2	49	34 25N	13 56W	69- VI -18	Z	2242-0005	45- 46	18.6-18.8	19.7	15.7	10IKT	N	10
RHB1689	A2	49	34 18N	14 0W	69- VI -19	Z	0053-0309	105- 110	17.6-17.8	19.6	15.8	10IKT	N	10
RHB1690	A2	49	34 10N	14 7W	69- VI -19	N	0419-0409	155- 160	16.5-16.7	19.5	15.8	10IKT	N	10

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB1691	A2	49	32 1N	15 16W	69- VI -19	N	2011-2203	68- 70	18.5-18.7	20.1	15.9	10IKT	N	10
RHB1692	A2	49	31 53N	15 21W	69- VI -19	N	2218-0004	66- 88	18.1-18.3	20.0	15.9	10IKT	N	10
RHB1693	A2	49	31 45N	15 24W	69- VI -20	N	0048-0334	40- 42	19.4-19.6	19.8	16.0	10IKT	N	10
RHB1694	A2	49	31 38N	15 46W	69- VI -20	N	1607-2017	800- 850	9.7-10.0	19.8	16.2	10IKT	D	10
RHB1695	A2	49	31 47N	15 58W	69- VI -20	N	2031-2220	42- 44	19.3-19.6	19.8	16.2	10IKT	N	10
RHB1696	A2	49	31 50N	16 3W	69- VI -20	N	2227-0005	88- 94	18.4-18.8	20.1	16.4	10IKT	N	10
RHB1697	A2	49	31 53N	16 10W	69- VI -21	N	0047-0237	135- 145	17.4-17.6	20.3	16.3	10IKT	N	10
RHB1698	A2	49	31 57N	16 16W	69- VI -21	N	0210-0411	150- 200	16.2-16.9	20.3	16.4	10IKT	N	10
RHB1699	A2	49	32 25N	15 46W	69- VI -21	N	0752-1200	395- 405	13.0-13.2	20.0	15.1	10IKT	D	10
RHB1500	A2	49	32 57N	17 31W	69- VI -21	N	2035-2218	58- 66	18.3-18.9	20.0	15.6	10IKT	N	10
RHB1501	A2	49	33 0N	17 36W	69- VI -21	N	2229-0004	75- 80	17.7-17.9	19.9	15.4	10IKT	N	10
RHB1502	A2	49	33 3N	17 40W	69- VI -22	N	0043-0235	110- 120	16.8-17.0	20.1	15.5	10IKT	N	10
RHB1503	A2	49	33 6N	17 46W	69- VI -22	N	0245-0407	160- 170	15.8-16.2	20.1	15.6	10IKT	N	10
RHB1504	A2	49	33 34N	18 24W	69- VI -22	N	0805-1221	530- 610	10.5-11.5	19.8	16.2	10IKT	D	10
RHB1506	A2	49	33 42N	18 44W	69- VI -22	N	1647-2002	505- 605	10.5-11.5	20.2	15.7	10IKT	D	10
RHB1507	A2	49	33 49N	18 55W	69- VI -22	N	2013-2205	50- 55	18.5-18.7	19.9	15.8	10IKT	N	10
RHB1508	A2	49	33 51N	19 0W	69- VI -22	N	2210-0005	65- 71	18.1-18.3	19.9	15.6	10IKT	N	10
RHB1509	A2	49	33 54N	19 6W	69- VI -23	N	0045-0236	100- 108	17.0-17.4	20.0	15.6	10IKT	N	10
RHB1510	A2	49	33 57N	19 10W	69- VI -23	N	0246-0406	175- 180	15.8-16.0	19.8	15.7	10IKT	N	10
RHB1511	A2	49	34 17N	19 38W	69- VI -23	N	0705-1016	540- 610	10.8-11.5	19.9	15.8	10IKT	D	10
RHB1512	A2	49	34 40N	20 25W	69- VI -23	N	2033-2220	82- 88	17.9-18.6	19.8	16.4	10IKT	N	10
RHB1513	A2	49	34 43N	20 30W	69- VI -23	N	2226-0002	46- 48	19.3-19.4	19.8	16.2	10IKT	N	10
RHB1514	A2	49	34 48N	20 36W	69- VI -24	N	0110-0344	225- 230	15.0-15.2	20.0	16.0	10IKT	N	10
RHB1515	A2	49	35 26N	21 39W	69- VI -24	N	2038-2218	63- 67	16.6-16.8	19.3	13.8	10IKT	N	4
RHB1516	A2	49	35 30N	21 46W	69- VI -24	N	2229-0003	39- 41	17.9-18.3	19.3	14.0	10IKT	N	4

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB1517	A2	49	35 34N	21 54W	69-VI-25	N	0045-0219	135-140	14.8-15.2	19.1	14.0	10IKT	N	4
RHB1518	A2	49	35 36N	22 5W	69-VI-25	N	0211-0409	169-175	14.2-14.5	19.0	14.0	10IKT	N	4
RHB1519	A2	49	35 56N	22 40W	69-VI-25	N	0709-1030	650-750	10.5-11.0	19.2	15.0	10IKT	O	4
RHB1520	A2	49	36 23N	23 35W	69-VI-25	N	2045-2218	63-65	16.6-16.8	20.0	14.4	10IKT	N	4
RHB1521	A2	49	36 27N	23 42W	69-VI-25	N	2229-0006	105-110	14.6-15.6	19.8	13.8	10IKT	N	4
RHB1522	A2	49	36 32N	23 49W	69-VI-26	N	0046-0221	125-140	13.9-14.2	19.8	13.6	10IKT	N	4
RHB1523	A2	49	36 36N	23 55W	69-VI-26	N	0234-0411	240-250	13.0-13.5	20.0	13.6	10IKT	N	4
RHB1524	A2	49	37 4N	24 42W	69-VI-26	N	0808-1005	750-830	9.7-10.3	19.8	13.2	10IKT	O	4
RHB1525	A2	49	37 57N	26 23W	69-VI-26	N	2112-2220	32-34	16.6-16.8	19.9	13.5	10IKT	N	4
RHB1526	A2	49	38 1N	26 25W	69-VI-26	N	2233-0003	48-52	15.9-16.1	19.5	13.2	10IKT	N	4
RHB1527	A2	49	38 7N	26 30W	69-VI-27	N	0045-0222	120-125	13.9-14.5	19.2	13.2	10IKT	N	4
RHB1528	A2	49	38 5N	26 29W	69-VI-27	N	0251-0408	192-202	13.3-13.9	19.5	13.6	10IKT	N	4
RHB1529	A2	49	37 29N	37 36W	69-VII-2	O	2230-2400	63-67	15.9-16.5	21.7	14.8	10IKT	N	4
RHB1530	A2	49	38 46N	42 21W	69-VII-3	O	2205-2335	65-70	16.3-16.5	22.4	15.4	10IKT	N	2
RHB1531	A2	49	38 39N	42 31W	69-VII-4	O	0025-0200	125-135	15.8-15.9	22.3	15.5	10IKT	N	2
RHB1532	A2	49	39 24N	43 59W	69-VII-4	P	2139-2305	60-70	16.8-16.9	22.5	15.9	10IKT	N	2
RHB1533	A2	49	39 57N	48 44W	69-VII-5	P	2135-2305	70-80	15.3-15.8	22.5	15.0	10IKT	N	8
RHB1534	A2	49	39 57N	48 49W	69-VII-5	P	2345-0115	120-130	14.5-16.5	22.5	14.1	10IKT	N	3
RHB1535	A2	49	40 17N	52 57W	69-VII-6	P	2130-2300	105-125	17.2-17.6	25.5	16.5	10IKT	N	8
RHB1536	A2	49	40 20N	53 7W	69-VII-6	P	2355-0145	235-285	12.0-13.0	24.8	15.6	10IKT	N	8
RHB1537	A2	49	40 24N	55 48W	69-VII-7	P	2120-2355	600-660	8.0-10.0	24.5	12.6	10IKT	N	3
RHB1538	A2	49	40 23N	56 6W	69-VII-8	P	0040-0230	240-250	10.0-12.0	23.2	12.8	10IKT	N	3
RHB1539	A2	49	40 22N	58 51W	69-VII-8	O	1255-1440	930-1040	4.4-4.6	26.5	17.3	10IKT	O	8
RHB1540	A2	49	40 32N	63 47W	69-VII-9	O	1010-1250	710-790	5.5-6.0	21.4	10.6	10IKT	O	3
RHB1941	A2	49	40 25N	65 52W	69-VII-9	O	2105-2328	490-500	7.0-8.0	22.9	10.7	10IKT	N	3

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB1542	A2	49	40 20N	66 6W	69-VII -10	0	0020-0135	60- 65	14.7-15.8	22.8	10.8	10IKT	N	3
RHB1943	A2	49	40 19N	66 12W	69-VII -10	0	0453-0350	260- 270	10.0-11.0	22.7	11.0	10IKT	N	3
RHB1544	A2	49	40 4N	68 7W	69-VII -10	0	1250-1505	910-1010	3.5- 4.5	21.0	10.0	10IKT	D	3
RHB2000	A2	59	31 32N	15 28W	70- X -31	Z	2024-2204	70- 75	19.0-21.0	21.5	16.1	10IKT	N	10
RHB2001	A2	59	31 29N	16 27W	70- X -31	Z	2220-2400	59- 65	21.0-21.2	21.2	16.1	10IKT	N	10
RHB2002	A2	59	31 26N	16 28W	70- XI - 1	Z	0010-0210	125- 130	16.8-17.0	22.0	16.0	10IKT	N	10
RHB2003	A2	59	31 15N	16 30W	70- XI - 1	Z	1550-1828	640- 680	10.0-11.0	22.1	15.8	10IKT	D	10
RHB2004	A2	59	30 59N	16 26W	70- XI - 1	Z	2002-2130	82- 90	18.0-19.8	22.0	15.8	10IKT	N	10
RHB2005	A2	59	30 54N	16 25W	70- XI - 1	Z	2450-2335	100- 110	16.7-17.5	21.8	15.6	10IKT	N	10
RHB2006	A2	59	29 9N	15 46W	70- XI - 3	Z	1940-2123	190- 200	15.8-16.0	22.4	15.8	10IKT	N	10
RHB2007	A2	59	29 4N	15 44W	70- XI - 3	Z	2430-2325	60- 65	20.4-21.2	22.4	15.8	10IKT	N	10
RHB2008	A2	59	28 58N	15 43W	70- XI - 4	Z	0005-0205	295- 300	14.7-14.5	22.4	15.8	10IKT	N	10
RHB2009	A2	59	27 59N	18 22W	70- XI - 4	Z	2225-2340	100- 110	17.9-19.7	22.1	15.5	10IKT	N	11
RHB2010	A2	59	27 59N	18 28W	70- XI - 5	Z	0025-0210	50- 55	21.5-22.0	22.2	15.6	10IKT	N	11
RHB2011	A2	59	27 59N	18 34W	70- XI - 5	Z	0217-0417	150- 170	16.1-16.5	22.3	15.4	10IKT	N	11
RHB2012	A2	59	28 0N	18 40W	70- XI - 5	Z	0430-0630	200- 220	15.0-15.4	22.5	15.4	10IKT	N	11
RHB2013	A2	59	28 2N	19 15W	70- XI - 5	Z	0305-1115	340- 390	12.7-13.5	22.8	15.9	10IKT	D	11
RHB2014	A2	59	27 38N	19 46W	70- XI - 5	Z	1934-2130	290- 310	14.6-15.2	22.9	16.7	10IKT	N	11
RHB2015	A2	59	27 35N	19 50W	70- XI - 5	Z	2145-2320	110- 115	17.9-18.2	23.0	16.7	10IKT	N	11
RHB2016	A2	59	27 30N	19 57W	70- XI - 6	Z	0010-0205	62- 66	23.0-23.2	23.2	16.7	10IKT	N	11
RHB2017	A2	59	27 28N	20 0W	70- XI - 6	Z	0215-0410	52- 56	23.0-23.2	23.2	16.8	10IKT	N	11
RHB2018	A2	59	26 42N	21 12W	70- XI - 6	Z	0030-1120	500- 530	11.5-12.0	23.6	17.0	10IKT	D	11
RHB2019	A2	59	26 33N	21 27W	70- XI - 6	Z	1435-1835	950-1050	7.5- 8.0	23.8	17.0	10IKT	D	11
RHB2020	A2	59	26 19N	21 44W	70- XI - 6	Z	1940-2125	195- 210	16.9-17.1	23.8	17.0	10IKT	N	11
RHB2021	A2	59	26 15N	21 51W	70- XI - 6	Z	2140-2325	100- 108	19.0-20.0	24.0	17.1	10IKT	N	11

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2022	A2	59	26 11N	21 57W	70- XI - 7	Z	0008-0208	57- 61	23.3-23.5	23.9	17.2	10IKT	N	11
RHB2023	A2	59	24 46N	22 54W	70- XI - 8	N	0020-0210	60- 65	23.0-24.0	24.0	17.3	10IKT	N	11
RHB2024	A2	59	24 40N	22 40W	70- XI - 8	N	0215-0410	80- 100	20.0-21.8	24.0	17.3	10IKT	N	11
RHB2025	A2	59	24 23N	22 27W	70- XI - 8	N	0803-1120	380- 420	12.7-13.3	23.5	16.3	10IKT	D	11
RHB2026	A2	59	24 14N	22 12W	70- XI - 8	N	1505-1815	410- 500	11.6-12.8	23.5	16.0	10IKT	D	11
RHB2027	A2	59	24 5N	21 55W	70- XI - 8	N	1923-2125	195- 215	16.0-17.6	23.7	17.4	10IKT	N	11
RHB2028	A2	59	24 3N	21 49W	70- XI - 8	N	2140-2325	145- 155	18.8-18.9	23.8	18.4	10IKT	N	11
RHB2029	A2	59	24 0N	21 44W	70- XI - 9	N	0012-0212	100- 112	19.3-19.7	23.8	18.4	10IKT	N	11
RHB2030	A2	59	23 57N	21 38W	70- XI - 9	N	0216-0410	60- 70	21.0-23.2	23.8	18.4	10IKT	N	11
RHB2031	A2	59	23 40N	21 2W	70- XI - 9	N	0805-1125	600- 620	9.0-10.0	22.3	16.4	10IKT	D	11
RHB2032	A2	59	22 58N	19 57W	70- XI - 9	N	2132-2322	240- 260	14.6-15.6	21.4	16.2	10IKT	N	11
RHB2033	A2	59	22 54N	19 51W	70- XI -10	N	0010-0205	45- 55	19.5-21.1	21.5	16.2	10IKT	N	11
RHB2034	A2	59	22 50N	19 42W	70- XI -10	N	0211-0405	75- 79	18.8-19.2	22.3	15.1	10IKT	N	11
RHB2035	A2	59	22 25N	19 0W	70- XI -10	N	0845-1120	450- 500	10.5-10.6	22.7	15.0	10IKT	D	18
RHB2036	A2	59	21 46N	18 1W	70- XI -11	N	0030-0210	45- 55	16.9-19.3	20.0	15.1	10IKT	N	18
RHB2037	A2	59	21 40N	18 5W	70- XI -11	N	0215-0410	59- 102	17.0-17.8	20.0	15.1	10IKT	N	18
RHB2038	A2	59	21 35N	19 9W	70- XI -11	N	0418-0552	140- 155	15.5-16.7	20.0	15.1	10IKT	N	18
RHB2039	A2	59	21 9N	18 13W	70- XI -11	N	0804-0840	500- 0	10.0-20.5	20.5	13.7	10IKT	D	19
RHB2040	A2	59	21 8N	18 13W	70- XI -11	N	0845-1125	660- 810	8.0- 9.0	20.4	12.5	10IKT	D	19
RHB2041	A2	59	20 50N	18 17W	70- XI -11	N	1517-1720	290- 310	12.2-12.4	20.6	13.4	10IKT	D	19
RHB2042	A2	59	20 20N	18 16W	70- XI -11	N	1938-2125	180- 210	12.9-13.7	21.2	13.0	10IKT	N	19
RHB2043	A2	59	20 16N	18 15W	70- XI -11	N	2135-2220	500- 0	10.3-21.4	21.4	13.0	10IKT	N	19
RHB2044	A2	59	20 13N	18 15W	70- XI -11	N	2233-2332	60- 65	17.8-18.0	21.4	13.2	10IKT	N	19
RHB2045	A2	59	20 7N	18 15W	70- XI -12	N	0020-0210	150- 200	13.4-14.2	21.4	13.4	10IKT	N	19
RHB2046	A2	59	20 1N	18 15W	70- XI -12	N	0216-0407	70- 80	15.8-17.2	22.0	14.0	10IKT	N	19

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2047	A2	59	19 13N	18 17W	70- XI -12	N	0805-1115	580- 620	8.5- 9.5	22.2	13.3	10IKT	D	19
RHB2048	A2	59	18 0N	18 27W	70- XI -12	N	1955-2118	50- 60	16.7-18.3	25.1	12.6	10IKT	N	19
RHB2049	A2	59	17 54N	18 27W	70- XI -12	N	2200-2320	100- 110	14.7-14.7	25.4	12.6	10IKT	N	19
RHB2050	A2	59	17 48N	18 28W	70- XI -13	N	0020-0235	200- 250	12.2-12.6	25.5	12.6	10IKT	N	19
RHB2051	A2	59	16 50N	18 50W	70- XI -13	N	0815-1125	700- 730	7.5- 8.0	25.9	12.1	10IKT	D	19
RHB2052	A2	59	16 42N	19 11W	70- XI -13	N	1518-1750	480- 500	9.5- 9.7	26.0	12.1	10IKT	D	19
RHB2053	A2	59	16 32N	19 35W	70- XI -13	N	1942-2120	50- 56	18.0-18.2	25.9	12.4	10IKT	N	19
RHB2054	A2	59	16 30N	19 40W	70- XI -13	N	2135-2322	100- 110	14.5-15.3	25.8	12.2	10IKT	N	19
RHB2055	A2	59	16 28N	19 45W	70- XI -14	N	0305-0208	140- 150	13.2-13.4	25.8	12.0	10IKT	N	19
RHB2056	A2	59	16 27N	19 52W	70- XI -14	N	0210-0413	190- 200	12.0-12.2	25.9	12.0	10IKT	N	19
RHB2057	A2	59	16 26N	19 58W	70- XI -14	N	0430-0607	270- 280	11.6-11.8	25.8	12.0	10IKT	N	19
RHB2058	A2	59	16 19N	20 20W	70- XI -14	N	0805-1100	300- 310	11.2-11.4	25.9	12.0	10IKT	D	19
RHB2059	A2	59	16 14N	20 44W	70- XI -14	N	1527-1815	600- 650	8.0- 9.0	25.9	12.2	10IKT	D	19
RHB2060	A2	59	16 19N	21 26W	70- XI -14	N	2110-2300	50- 60	14.8-15.4	25.6	12.4	10IKT	N	19
RHB2061	A2	59	16 20N	21 33W	70- XI -15	N	0010-0310	115- 125	13.7-13.9	25.5	12.6	10IKT	N	19
RHB2062	A2	59	16 22N	21 43W	70- XI -15	0	0255-0450	230- 250	11.8-12.0	25.5	12.3	10IKT	N	19
RHB2063	A2	59	16 27N	22 17W	70- XI -15	0	0805-1115	705- 765	7.5- 9.0	25.8	12.2	10IKT	D	19
RHB2065	A2	59	15 41N	24 41W	70- XI -19	0	2005-2135	36- 50	15.0-22.4	24.1	12.8	10IKT	N	16
RHB2066	A2	59	15 38N	24 39W	70- XI -19	0	2145-2320	50- 110	14.9-15.7	24.4	12.9	10IKT	N	16
RHB2067	A2	59	15 34N	24 39W	70- XI -20	0	0010-0210	150- 160	13.4-13.8	24.5	12.4	10IKT	N	16
RHB2068	A2	59	15 28N	24 33W	70- XI -20	0	0215-0415	225- 245	12.2-12.6	24.6	12.6	10IKT	N	16
RHB2069	A2	59	15 23N	24 28W	70- XI -20	0	0420-0632	250- 320	11.5-11.7	24.6	12.6	10IKT	T	16
RHB2070	A2	59	15 6N	24 20W	70- XI -20	0	0815-0910	575- 0	9.7-25.8	25.8	12.4	10IKT	D	16
RHB2071	A2	59	14 22N	17 55W	70- XI -22	0	0312-0515	105- 110	13.7-13.8	26.3	12.4	10IKT	N	19
RHB2073	A2	59	14 26N	18 50W	70- XI -22	0	1519-1740	620- 690	8.0- 9.0	26.3	12.6	10IKT	D	19

H
1
2
3

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2074	A2	59	14 30N	21 47W	70- XI -23	0	0805-1115	250- 270	10.9-11.1	26.4	11.5	10IKT	D	19
RHB2075	A2	59	14 43N	25 27W	70- XI -24	0	0802-1140	660- 720	7.5- 8.5	26.6	12.3	10IKT	D	16
RHB2076	A2	59	15 27N	26 12W	70- XI -24	0	1825-2010	60- 85	17.0-22.0	26.0	12.6	10IKT	N	16
RHB2077	A2	59	15 30N	26 12W	70- XI -24	0	2135-2310	85- 95	16.5-18.0	26.1	12.6	10IKT	N	16
RHB2078	A2	59	15 43N	26 28W	70- XI -25	0	0118-0255	125- 145	13.8-15.0	26.1	12.6	10IKT	N	16
RHB2079	A2	59	15 47N	26 31W	70- XI -25	0	0300-0440	175- 205	12.3-12.9	25.1	12.4	10IKT	N	16
RHB2080	A2	59	16 19N	27 0W	70- XI -25	0	0955-1235	355- 435	9.9-10.5	24.5	13.3	10IKT	D	16
RHB2081	A2	59	16 52N	27 37W	70- XI -25	0	1804-2007	65- 70	18.7-19.5	24.6	13.6	10IKT	N	16
RHB2082	A2	59	16 55N	27 41W	70- XI -25	0	2017-2137	94- 110	16.8-17.8	24.8	13.7	10IKT	N	16
RHB2083	A2	59	17 8N	27 55W	70- XI -26	0	0061-0205	55- 60	22.3-24.1	24.8	14.0	10IKT	N	11
RHB2084	A2	59	17 12N	27 59W	70- XI -26	0	0215-0415	70- 80	19.7-21.3	24.8	14.2	10IKT	N	11
RHB2085	A2	59	18 22N	29 7W	70- XI -26	0	1908-2100	75- 95	20.7-24.1	24.8	15.2	10IKT	N	11
RHB2086	A2	59	18 29N	29 13W	70- XI -26	0	2155-2410	150- 155	16.4-16.6	24.8	15.2	10IKT	N	11
RHB2087	A2	59	19 30N	30 0W	70- XI -27	0	1508-1848	640- 710	8.5- 9.0	24.8	17.0	10IKT	D	11
RHB2088	A2	59	19 53N	30 28W	70- XI -27	0	2105-2305	75- 80	23.0-24.0	24.8	18.0	10IKT	N	11
RHB2089	A2	59	22 1N	32 42W	70- XI -29	0	0010-0205	85- 90	23.5-24.1	24.8	18.2	10IKT	N	11
RHB2090	A2	59	22 6N	32 45W	70- XI -29	0	0210-0415	200- 230	17.0-18.2	24.8	18.2	10IKT	N	11
RHB2091	A2	59	22 36N	33 18W	70- XI -29	0	0805-1125	420- 450	12.9-13.5	25.0	17.8	10IKT	D	11
RHB2092	A2	59	23 32N	34 20W	70- XI -29	0	2010-2135	40- 45	24.6-24.8	24.8	17.6	10IKT	N	11
RHB2093	A2	59	23 35N	34 24W	70- XI -29	0	2145-2305	75- 85	24.0-24.2	24.8	17.6	10IKT	N	11
RHB2094	A2	59	24 46N	35 44W	70- XI -30	0	0800-1135	780- 910	8.0- 9.0	24.4	17.6	10IKT	D	11
RHB2095	A2	59	25 52N	36 48W	70- XI -30	0	2110-2310	135- 140	19.9-20.1	23.9	18.6	10IKT	N	11
RHB2096	A2	59	26 12N	37 41W	70-XII - 1	0	1931-2110	270- 310	16.6-17.2	23.9	18.2	10IKT	N	11
RHB2097	A2	59	26 13N	37 47W	70-XII - 1	0	2115-2315	360- 390	15.5-16.1	24.0	18.2	10IKT	N	11
RHB2098	A2	59	26 27N	39 38W	70-XII - 2	0	0805-1125	530- 600	12.0-13.0	24.4	18.6	10IKT	D	11

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
R4B2099	A2	59	26 34N	40 50W	70-XII - 2	0	1935-2105	60- 80	23.5-24.3	24.3	17.8	10IKT	N	11
R4B2100	A2	59	26 34N	40 56W	70-XII - 2	0	2112-2705	90- 110	20.5-22.7	24.3	17.8	10IKT	N	11
R4B2101	A2	59	26 37N	41 18W	70-XII - 3	P	0015-0210	200- 210	18.0-18.2	24.2	18.2	10IKT	N	11
R4B2102	A2	59	26 37N	41 35W	70-XII - 3	P	0215-0410	150- 160	19.3-19.6	24.0	18.2	10IKT	N	11
R4B2103	A2	59	26 57N	42 53W	70-XII - 3	P	2037-2720	1000-1100	6.0- 7.0	24.1	18.0	10IKT	N	11
R4B2104	A2	59	27 12N	43 39W	70-XII - 4	P	2315-2540	70- 75	23.1-23.9	23.9	17.7	10IKT	N	11
R4B2105	A2	59	27 11N	43 46W	70-XII - 5	P	0145-0735	85- 90	21.4-22.2	23.9	17.7	10IKT	N	11
R4B2106	A2	59	27 15N	43 56W	70-XII - 5	P	2300-2540	47- 51	23.3-23.8	23.8	17.8	10IKT	N	11
R4B2107	A2	59	27 15N	43 49W	70-XII - 6	P	0150-0335	55- 70	23.2-23.8	23.8	17.8	10IKT	N	11
R4B2108	A2	59	27 32N	44 55W	70-XII - 8	P	0155-0410	82- 90	23.1-23.4	24.2	18.0	10IKT	N	9
R4B2109	A2	59	28 17N	45 21W	70-XII - 8	P	0802-1125	750- 850	9.5-11.0	24.0	17.8	10IKT	D	9
R4B2110	A2	59	28 22N	46 58W	70-XII - 8	P	2132-2705	72- 82	22.5-23.2	24.3	17.6	10IKT	N	9
R4B2111	A2	59	28 27N	46 59W	70-XII - 9	P	0002-0207	120- 130	15.2-19.6	24.1	17.6	10IKT	N	9
R4B2112	A2	59	28 31N	47 0W	70-XII - 9	P	0215-0415	170- 180	17.9-19.3	23.6	17.6	10IKT	N	9
R4B2117	A2	59	29 18N	47 5W	70-XII - 9	P	0600-0948	350- 460	15.9-17.1	23.4	17.6	10IKT	D	9
R4B2114	A2	59	30 47N	47 28W	70-XII - 9	P	2145-2320	70- 80	21.0-21.3	21.3	17.3	10IKT	N	8
R4B2115	A2	59	30 53N	47 29W	70-XII -10	P	0005-0210	90- 105	19.0-21.0	21.4	17.3	10IKT	N	8
R4B2116	A2	59	32 19N	47 39W	70-XII -10	0	1005-1210	740- 760	11.0-12.0	20.9	17.4	10IKT	D	8
R4B2117	A2	59	33 43N	47 45W	70-XII -10	0	2147-2315	90- 95	18.7-19.2	20.4	16.9	10IKT	N	8
R4B2118	A2	59	33 49N	47 46W	70-XII -11	0	0001-0211	175- 190	16.8-16.9	20.0	16.6	10IKT	N	8
R4B2119	A2	59	35 0N	48 30W	70-XII -11	0	2150-2720	50- 62	19.6-20.0	20.0	16.8	10IKT	N	8
R4B2120	A2	59	35 1N	48 35W	70-XII -12	0	0001-0211	100- 110	19.0-19.2	19.6	17.0	10IKT	N	8
R4B2200	A2	60	35 25	48 46W	71- IV - 4	P	2300-2400	60- 65	21.0-21.1	21.1	16.2	10IKT	N	17
R4B2201	A2	60	35 08	48 38W	71- IV - 5	P	0045-0150	115- 120	19.0-19.2	21.1	16.2	10IKT	N	17
R4B2202	A2	60	34 9S	42 53W	71- IV - 6	P	2200-2255	75- 80	19.5-19.6	22.0	16.2	10IKT	N	17

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PRGV.
RHB2203	A2	60 34	8S	42 49W	71- IV - 6	P	2300-2400	200- 215	15.9-16.1	21.8	16.1	10IKT	N	17
RHB2204	A2	60 34	6S	42 44W	71- IV - 7	P	0035-0235	530- 540	10.0-11.0	21.7	16.0	10IKT	N	17
RHB2205	A2	60 33	13S	39 10W	71- IV - 8	P	2200-2400	800- 820	4.5- 5.0	22.9	16.5	10IKT	N	17
RHB2206	A2	60 33	15S	39 4W	71- IV - 9	P	0100-0155	85- 90	18.7-18.9	22.9	16.2	10IKT	N	17
RHB2207	A2	60 33	15S	39 1W	71- IV - 9	P	0200-0300	175- 195	16.1-16.5	22.9	16.0	10IKT	N	17
RHB2208	A2	60 32	59S	35 15W	71- IV - 9	P	2158-2258	155- 175	15.6-15.8	21.8	15.3	10IKT	N	17
RHB2209	A2	60 32	59S	35 12W	71- IV - 9	P	2303-2358	70- 75	17.9-18.5	21.8	15.2	10IKT	N	17
RHB2210	A2	60 32	59S	35 8W	71- IV -10	0	0200-0355	320- 380	12.0-13.0	21.7	15.0	10IKT	N	17
RHB2211	A2	60 32	58S	30 35W	71- IV -11	0	2200-2400	380- 440	11.5-12.5	22.7	15.0	10IKT	N	17
RHB2212	A2	60 32	57S	30 26W	71- IV -12	0	0055-0155	55- 105	17.5-17.7	22.7	15.0	10IKT	N	17
RHB2213	A2	60 32	56S	30 23W	71- IV -12	0	0200-0300	155- 165	15.9-16.1	22.7	15.1	10IKT	N	17
RHB2214	A2	60 33	0S	27 2W	71- IV -12	0	2258-2358	60- 65	19.0-20.4	22.5	14.8	10IKT	N	17
RHB2215	A2	60 33	0S	26 56W	71- IV -13	0	0055-0200	160- 175	15.5-16.1	23.0	15.0	10IKT	N	17
RHB2216	A2	60 32	49S	25 26W	71- IV -14	0	0030-0225	640- 660	6.5- 7.5	22.8	15.0	10IKT	N	17
RHB2217	A2	60 34	3S	22 46W	71- IV -14	0	2300-2400	135- 150	16.3-16.6	22.0	15.3	10IKT	N	17
RHB2218	A2	60 34	1S	22 45W	71- IV -15	0	0055-0200	250- 270	12.5-13.5	22.2	14.9	10IKT	N	17
RHB2219	A2	60 35	18S	18 39W	71- IV -16	0	2200-2400	550- 600	6.5- 7.5	20.0	14.3	10IKT	N	17
RHB2220	A2	60 35	16S	18 32W	71- IV -17	N	0200-0400	65- 90	16.3-19.1	20.0	14.6	10IKT	N	17
RHB2221	A2	60 36	2S	15 12W	71- IV -17	N	2310-2405	155- 175	14.0-14.3	19.1	13.9	10IKT	N	17
RHB2222	A2	60 36	1S	15 7W	71- IV -18	N	0110-0215	85- 95	16.2-16.7	19.1	13.9	10IKT	N	17
RHB2223	A2	60 36	10S	7 36W	71- IV -20	N	2202-2407	640- 660	6.0- 7.0	17.8	13.5	10IKT	N	17
RHB2224	A2	60 36	11S	7 27W	71- IV -21	N	0055-0300	330- 360	10.5-11.5	17.8	13.4	10IKT	N	17
RHB2225	A2	60 35	50S	2 32W	71- IV -22	Z	1905-2005	90- 100	15.3-15.7	18.0	13.3	10IKT	N	17
RHB2226	A2	60 35	50S	2 29W	71- IV -22	Z	2010-2110	120- 130	14.5-14.7	18.0	13.2	10IKT	N	17
RHB2227	A2	60 35	49S	2 25W	71- IV -22	Z	2115-2230	235- 245	12.5-13.0	17.9	13.1	10IKT	N	17

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.		
RHB2222F	A2	60	35	49S	2	20W	71- IV -22	Z	2240-2400	410- 420	10.5-11.5	17.8	12.9	10IKT	N	22
RHB22229	A2	60	35	50S	2	16W	71- IV -23	Z	0050-0325	600- 650	7.0- 8.0	17.7	12.8	10IKT	N	22
RHB22230	A2	60	35	50S	2	9W	71- IV -23	Z	0350-0645	760- 790	5.0- 6.0	17.7	12.7	10IKT	N	22
RHB22231	A2	60	35	42S	0	46E	71- IV -24	Z	2205-2400	430- 440	10.0-11.0	17.7	12.4	10IKT	N	22
RHB22232	A2	60	35	43S	0	52E	71- IV -25	Z	0059-0150	60- 85	16.0-17.0	17.4	12.7	10IKT	N	22
RHB22233	A2	60	35	43S	0	55E	71- IV -25	Z	0155-0300	165- 175	13.2-13.5	17.2	13.0	10IKT	N	17
RHB22234	A2	60	35	30S	4	39E	71- IV -25	Z	2205-2300	65- 70	18.0-18.4	17.8	12.8	10IKT	N	22
RHB22235	A2	60	35	30S	4	43E	71- IV -25	Z	2305-2400	80- 85	16.2-16.8	17.8	13.4	10IKT	N	17
RHB22236	A2	60	35	31S	4	47E	71- IV -26	Z	0045-0245	100- 110	15.4-15.6	17.8	13.9	10IKT	N	17
RHB22237	A2	60	35	20S	7	22E	71- IV -26	Z	2200-2400	500- 540	9.0-10.0	16.0	12.4	10IKT	N	22
RHB22238	A2	60	35	19S	7	30E	71- IV -27	Z	0040-0300	800- 850	4.0- 5.0	16.5	12.3	10IKT	N	22
RHB22235	A2	60	35	10S	11	21E	71- IV -27	Z	2205-2300	210- 230	14.0-14.5	17.2	14.5	10IKT	N	17
RHB22240	A2	60	35	10S	11	24E	71- IV -27	Z	2305-2400	105- 110	17.0-17.1	17.8	14.6	10IKT	N	17
RHB22241	A2	60	35	10S	11	27E	71- IV -28	A	0155-0400	300- 310	12.5-13.5	18.2	14.8	10IKT	N	17
RHB22242	A2	60	34	59S	14	28E	71- IV -28	A	2210-2400	370- 400	8.5- 9.5	17.9	13.2	10IKT	N	17
RHB22243	A2	60	34	59S	14	32E	71- IV -29	A	0042-0147	55- 100	14.6-14.8	18.0	12.7	10IKT	N	21
RHB22244	A2	60	34	58S	14	36E	71- IV -29	A	0155-0300	135- 140	13.4-13.6	18.0	12.2	10IKT	N	21
RHB2224F	A2	60	36	3S	17	7E	71- IV -30	A	1910-2100	360- 410	6.5- 7.5	18.0	14.4	10IKT	N	17
RHB22246	A2	60	36	3S	17	10E	71- IV -30	A	2110-2300	460- 550	5.0- 5.5	18.7	13.6	10IKT	N	17
RHB22247	A2	60	35	59S	17	15E	71- V - 1	A	0062-0202	800- 830	3.5- 4.0	19.4	12.7	10IKT	N	21
RHB22248	A2	60	35	56S	17	20E	71- V - 1	A	0205-0545	60- 120	14.0-17.0	20.1	11.8	10IKT	N	21
RHB22249	A2	60	34	36S	16	21E	71- V - 2	B	1440-1635	320- 380	6.5- 7.5	18.0	12.4	10IKT	D	21
RHB22250	A2	60	34	31S	15	16E	71- V - 2	B	1640-1830	540- 600	4.0- 5.0	18.0	12.4	10IKT	D	21
RHB22251	A2	60	34	26S	15	11E	71- V - 2	B	1840-2030	710- 790	3.5- 4.0	18.0	12.4	10IKT	N	21
RHB22252	A2	60	33	38S	16	58E	71- V -10	A	2215-2400	70- 80	14.1-14.9	17.9	9.5	10IKT	N	21

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2253	A2	60	32 51S	13 20E	71- V -11	A	2010-2205	145- 15E	14.3-14.5	18.0	13.2	10IKT	N	17
RHB2254	A2	60	32 50S	13 15E	71- V -11	A	2210-2400	65- 75	18.0-18.1	18.2	13.0	10IKT	N	17
RHB2255	A2	60	31 55S	9 53E	71- V -12	A	2015-2155	130- 135	16.9-17.0	18.0	16.3	10IKT	N	17
RHB2256	A2	60	31 54S	9 50E	71- V -12	A	2200-2400	200- 200	16.1-16.1	17.7	16.1	10IKT	N	17
RHB2257	A2	60	30 51S	6 44E	71- V -13	A	2000-2200	65- 75	17.6-18.0	18.7	14.5	10IKT	N	17
RHB2258	A2	60	30 49S	6 39E	71- V -13	A	2210-2400	140- 150	14.8-15.0	18.9	14.0	10IKT	N	17
RHB2259	A2	60	28 59S	2 47E	71- V -15	Z	2030-2200	70- 75	19.1-19.2	19.5	13.5	10IKT	N	17
RHB2260	A2	60	28 56S	2 42E	71- V -15	Z	2200-2400	120- 135	14.7-14.9	19.5	13.3	10IKT	N	17
RHB2261	A2	60	27 33S	0 18W	71- V -16	Z	2010-2200	85- 90	18.0-20.0	20.9	14.5	10IKT	N	17
RHB2262	A2	60	27 31S	0 23W	71- V -16	Z	2210-2400	175- 185	15.2-15.4	20.8	15.0	10IKT	N	17
RHB2263	A2	60	26 3S	3 22W	71- V -17	Z	2010-2200	80- 90	17.6-19.0	21.4	15.1	10IKT	N	17
RHB2264	A2	60	26 0E	3 27W	71- V -17	Z	2215-2400	440- 460	8.0- 9.0	21.2	15.2	10IKT	N	17
RHB2265	A2	60	23 56S	8 43W	71- V -19	Z	2015-2200	480- 500	8.0- 9.0	23.0	16.0	10IKT	N	17
RHB2266	A2	60	23 53S	8 49W	71- V -19	Z	2215-2400	75- 85	22.0-23.2	23.0	15.5	10IKT	N	17
RHB2267	A2	60	20 4S	7 5W	71- V -20	Z	2010-2200	75- 85	18.2-19.0	22.7	14.0	10IKT	N	17
RHB2268	A2	60	20 2S	5 59W	71- V -20	Z	2210-2400	120- 125	17.1-17.3	22.2	14.2	10IKT	N	17
RHB2269	A2	60	18 33S	4 0W	71- V -29	Z	2005-2200	95- 100	17.8-18.0	22.0	13.8	10IKT	N	17
RHB2270	A2	60	18 31S	3 55W	71- V -29	Z	2200-2500	285- 285	10.0-11.0	21.9	13.6	10IKT	N	17
RHB2271	A2	60	17 18S	0 55W	71- V -30	Z	2000-2200	70- 80	17.0-17.6	21.2	12.0	10IKT	N	16
RHB2272	A2	60	17 16S	0 48W	71- V -30	Z	2200-2500	240- 250	10.7-11.0	21.2	11.9	10IKT	N	16
RHB2273	A2	60	16 1S	2 0E	71- V -31	Z	2010-2200	60- 65	16.5-19.0	22.2	10.5	10IKT	N	16
RHB2274	A2	60	15 59S	2 2E	71- V -31	Z	2215-2400	280- 290	9.5-10.5	22.5	10.9	10IKT	N	16
RHB2275	A2	60	15 28S	3 4E	71- VI - 1	Z	2010-2300	500- 500	7.0- 8.0	23.0	10.6	10IKT	N	16
RHB2276	A2	60	15 25S	3 7E	71- VI - 1	Z	2310-2500	70- 70	16.4-16.5	22.4	10.8	10IKT	N	16
RHB2277	A2	60	14 10S	5 46E	71- VI - 2	Z	2000-2200	65- 70	15.0-15.5	22.7	10.8	10IKT	N	16

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.	
RHB2278	A2	60	14	8S	5 49E	71-VI-2	Z	2210-2500	350-360	9.5-10.0	22.8	10.8	10IKT	N	16
RHB2279	A2	60	12	51S	8 15E	71-VI-3	Z	2020-2300	390-400	7.5-8.0	23.0	11.5	10IKT	N	16
RHB2280	A2	60	12	47S	9 22E	71-VI-3	7	2310-2500	120-125	12.9-13.1	23.2	11.6	10IKT	N	16
RHB2281	A2	60	11	23S	10 55E	71-VI-4	A	2000-2300	190-200	12.5-12.7	25.2	12.5	10IKT	N	16
RHB2282	A2	60	11	18S	11 2E	71-VI-4	A	2310-2500	55-60	15.5-16.0	25.9	12.5	10IKT	N	16
RHB2285	A2	60	9	6S	11 2E	71-VI-6	A	2000-2300	225-235	12.2-12.5	26.6	13.3	10IKT	N	16
RHB2286	A2	60	9	4S	10 55E	71-VI-6	A	2310-2500	120-125	14.5-14.6	26.4	13.0	10IKT	N	16
RHB2297	A2	60	7	39S	11 40E	71-VI-13	A	2200-2400	65-70	16.4-16.6	25.9	13.6	10IKT	N	16
RHB2288	A2	60	5	33S	8 42E	71-VI-14	A	2245-2440	45-55	19.7-20.7	26.5	13.8	10IKT	N	16
RHB2289	A2	60	5	30S	8 37E	71-VI-15	A	0050-0250	95-100	16.6-16.7	26.5	13.8	10IKT	N	16
RHB2290	A2	60	2	57S	8 5E	71-VI-15	A	2005-2200	65-75	17.7-18.5	24.5	12.9	10IKT	N	16
RHB2291	A2	60	2	54S	8 6E	71-VI-15	A	2210-2400	115-125	15.6-15.9	24.5	12.8	10IKT	N	16
RHB2292	A2	60	0	1N	5 12E	71-VI-17	A	2035-2235	65-70	16.5-17.0	24.0	14.7	10IKT	N	16
RHB2293	A2	60	0	1N	5 21E	71-VI-18	A	0055-0300	100-110	15.5-15.7	24.0	14.7	10IKT	N	16
RHB2294	A2	60	0	26N	17 15W	71-VI-27	N	2230-2430	125-130	15.7-15.5	24.7	13.7	10IKT	N	16
RHB2295	A2	60	0	27N	17 21W	71-VI-28	N	0200-0745	90-95	17.5-17.8	24.7	13.7	10IKT	N	16
RHB2296	A2	60	0	27N	17 28W	71-VI-28	N	0350-0535	65-75	19.5-21.0	24.7	13.7	10IKT	N	16
RHB2298	A2	60	0	8S	34 36W	71-VII-2	0	1935-2140	200-220	13.6-13.8	27.8	13.8	10IKT	N	15
RHB2299	A2	60	0	9S	34 38W	71-VII-2	0	2150-2355	65-75	23.5-25.2	27.8	13.8	10IKT	N	15
RHB2300	A2	60	0	10S	34 43W	71-VII-3	0	0050-0250	55-100	19.5-20.0	27.8	13.8	10IKT	N	15
RHB2301	A2	60	0	11S	34 47W	71-VII-3	0	0300-0515	135-145	15.2-16.0	27.8	13.8	10IKT	N	15
RHB2400	KN	24	37	12N	15 40E	71-XI-12	A	2112-2331	40-50	18.5-19.2	19.3	15.0	10IKT	N	7
RHB2401	KN	24	36	51N	17 25E	71-XI-13	A	1552-1818	375-420	.0-.0	19.0	15.1	10IKT	T	7
RHB2402	KN	24	36	50N	17 32E	71-XI-13	A	2012-2202	62-78	16.5-16.5	19.0	15.3	10IKT	N	7
RHB2404	KN	24	36	47N	17 47E	71-XI-14	A	0047-0222	122-128	15.8-15.9	19.1	15.2	10IKT	N	7

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2405	KN	24	36 36N	18 16E	71- XI -14	A	1438-1815	560- 560	0- 0	18.9	15.3	10IKT	T	7
RHB2406	KN	24	36 39N	18 16E	71- XI -14	A	2315-0113	75- 100	15.8-16.5	18.9	15.4	10IKT	N	7
RHB2407	KN	24	36 37N	18 14E	71- XI -15	A	0122-0354	180- 220	15.4-15.4	18.9	15.4	10IKT	N	7
RHB2408	KN	24	36 37N	18 26E	71- XI -16	A	0015-0208	130- 250	15.5-15.5	18.6	15.3	10IKT	N	7
RHB2409	KN	24	36 36N	18 29E	71- XI -16	A	0214-0751	55- 75	16.4-16.8	19.2	15.3	10IKT	N	7
RHB2410	KN	24	36 28N	19 47E	71- XI -16	A	1320-1622	430- 520	0- 0	19.3	15.3	10IKT	D	7
RHB2411	KN	24	36 17N	20 28E	71- XI -16	A	1915-2106	90- 120	17.3-17.8	19.5	15.1	10IKT	N	7
RHB2412	KN	24	36 15N	20 33E	71- XI -16	A	2114-2311	130- 175	15.5-15.5	19.5	15.1	10IKT	N	7
RHB2413	KN	24	36 13N	20 36E	71- XI -16	A	2317-0103	110- 125	17.0-18.0	19.5	15.3	10IKT	N	7
RHB2414	KN	24	36 1N	21 40E	71- XI -17	A	1300-1600	240- 380	15.1-15.1	19.6	15.2	10IKT	D	7
RHB2415	KN	24	35 54N	22 20E	71- XI -18	A	0035-0206	75- 80	17.8-17.8	19.6	15.1	10IKT	N	7
RHB2416	KN	24	36 4N	21 56E	71- XI -18	A	1925-2105	75- 76	18.3-19.4	19.6	15.2	10IKT	N	7
RHB2417	KN	24	36 4N	21 52E	71- XI -18	A	2110-2333	90- 100	0- 0	19.4	15.2	10IKT	N	7
RHB2418	KN	24	36 3N	21 43E	71- XI -18	A	2335-0100	150- 155	16.0-16.0	19.4	15.5	10IKT	N	7
RHB2500	CH	105	48 29N	48 44W	72- VI -25	0	0020-0135	75- 90	4.1- 4.2	4.9	3.9	10IKT	N	1
RHB2501	CH	105	48 30N	48 37W	72- VI -25	0	0255-0355	35- 40	3- 3.3	5.0	4.0	10IKT	N	1
RHB2502	CH	105	48 50N	45 50W	72- VI -25	0	1850-2035	240- 240	0- 0	5.6	3.9	10IKT	D	1
RHB2503	CH	105	48 52N	46 23W	72- VI -25	0	2233-2340	32- 34	4.8- 5.2	6.5	3.7	10IKT	N	1
RHB2504	CH	105	48 51N	45 18W	72- VI -26	0	0035-0135	85- 90	2.8- 2.9	6.5	3.7	10IKT	N	1
RHB2505	CH	105	48 51N	46 12W	72- VI -26	0	0205-0310	190- 205	3.4- 3.4	6.2	3.4	10IKT	N	1
RHB2506	CH	105	48 58N	45 12W	72- VI -26	0	0920-1145	480- 510	0- 0	5.1	3.6	10IKT	D	1
RHB2507	CH	105	49 0N	44 54W	72- VI -26	0	1600-1839	600- 650	0- 0	6.2	3.6	10IKT	D	1
RHB2508	CH	105	48 54N	44 13W	72- VI -27	0	0037-0202	230- 240	0- 0	7.3	3.4	10IKT	N	1
RHB2509	CH	105	48 54N	43 25W	72- VI -27	0	1005-1220	860- 960	0- 0	8.3	4.4	10IKT	D	1
RHB2510	CH	105	48 59N	40 44W	72- VI -27	0	2255-2405	63- 69	11.5-11.9	12.0	8.4	10IKT	N	1

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RH2511	CH	105	48 57N	40 35W	72- VI -28	0	0055-0205	55- 105	11.0-11.5	12.0	8.4	10IKT	N	1
RH2512	CH	105	48 55N	40 27W	72- VI -28	0	0245-0400	85- 95	8.6- 8.8	10.1	7.9	10IKT	N	1
RH2513	CH	105	49 44N	39 28W	72- VI -28	0	1115-1232	310- 320	.0- .0	13.7	7.8	10IKT	D	1
RH2514	CH	105	49 53N	39 18W	72- VI -28	0	1345-1808	600- 700	.0- .0	12.8	8.3	10IKT	D	1
RH2516	CH	105	52 5N	36 46W	72- VI -29	0	0945-1205	650- 690	.0- .0	7.6	5.0	10IKT	D	1
RH2517	CH	105	52 37N	35 8W	72- VI -30	0	1102-1250	490- 510	.0- .0	8.0	4.8	10IKT	D	1
RH2518	CH	105	52 30N	34 57W	72- VI -30	0	1500-1710	320- 390	.0- .0	8.0	5.2	10IKT	D	1
RH2519	CH	105	52 22N	34 51W	72- VI -30	0	1719-1937	770- 650	.0- .0	8.4	5.4	10IKT	D	1
RH2520	CH	105	51 50N	34 33W	72- VI -30	0	2235-2335	30- 35	7.6- 7.7	8.2	5.0	10IKT	N	1
RH2521	CH	105	51 47N	34 28W	72- VI -30	0	2355-2505	62- 64	7.0- 7.1	8.2	5.0	10IKT	N	1
RH2522	CH	105	51 42N	34 23W	72-VII - 1	0	0155-0240	115- 120	6.3- 6.5	8.5	5.2	10IKT	N	1
RH2523	CH	105	50 2N	33 25W	72-VII - 1	0	1520-1715	540- 630	.0- .0	12.2	9.4	10IKT	D	4
RH2524	CH	105	49 57N	33 21W	72-VII - 1	0	1725-2000	700- 800	.0- .0	12.4	9.4	10IKT	D	4
RH2525	CH	105	49 28N	33 4W	72-VII - 1	0	2255-2330	24- 32	13.1-13.4	14.0	10.3	10IKT	N	4
RH2526	CH	105	49 26N	33 2W	72-VII - 1	0	2346-2510	125- 140	10.6-10.7	13.8	10.3	10IKT	N	4
RH2527	CH	105	49 21N	32 57W	72-VII - 2	0	0140-0300	200- 225	9.8-10.2	13.6	10.0	10IKT	N	4
RH2528	CH	105	47 26N	31 56W	72-VII - 2	0	1639-1844	500- 510	9.0-10.0	14.3	11.1	10IKT	D	4
RH2529	CH	105	46 33N	31 27W	72-VII - 3	0	0017-0120	60- 65	13.5-13.6	18.2	12.2	10IKT	N	4
RH2530	CH	105	45 1N	30 54W	72-VII - 3	0	0950-1225	350- 370	.0- .0	19.8	13.3	10IKT	D	4
RH2531	CH	105	44 49N	30 47W	72-VII - 3	0	1550-1816	600- 680	.0- .0	19.9	13.2	10IKT	D	4
RH2532	CH	105	44 7N	30 36W	72-VII - 3	0	2110-2235	65- 70	14.4-14.6	19.1	13.0	10IKT	N	4
RH2533	CH	105	43 59N	30 36W	72-VII - 3	0	2355-2505	85- 95	13.9-14.2	19.1	13.0	10IKT	N	4
RH2534	CH	105	43 55N	30 35W	72-VII - 4	0	0118-0240	165- 180	13.3-14.3	19.6	13.0	10IKT	N	4
RH2535	CH	105	42 26N	30 1W	72-VII - 4	0	2050-2205	60- 65	13.9-14.3	19.4	12.7	10IKT	N	4
RH2536	CH	105	42 21N	30 0W	72-VII - 4	0	2246-2405	120- 130	12.9-13.2	19.6	12.7	10IKT	N	4

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2537	CH	105	42 17N	29 59W	72-VII - 5	0	0017-0135	225- 255	.0- .0	19.8	12.6	10IKT	N	4
RHB2538	CH	105	40 42N	29 15W	72-VII - 5	0	0950-1225	560- 600	.0- .0	21.5	13.4	10IKT	D	4
RHB2540	CH	105	35 55N	29 3W	72-VII - 5	0	2135-2250	60- 70	16.0-17.2	21.5	13.2	10IKT	N	4
RHB2541	CH	105	39 51N	29 0W	72-VII - 5	0	2339-2549	75- 95	14.4-15.7	21.7	13.2	10IKT	N	4
RHB2542	CH	105	39 47N	29 57W	72-VII - 6	0	0102-0222	165- 175	13.4-13.5	21.8	13.2	10IKT	N	4
RHB2543	CH	105	39 10N	28 33W	72-VII - 6	0	0549-0815	250- 260	.0- .0	21.6	13.4	10IKT	D	4
RHB2544	CH	105	37 28N	25 38W	72-VII - 6	0	2135-2250	70- 75	16.5-16.7	21.0	14.2	10IKT	N	4
RHB2546	CH	105	37 20N	26 30W	72-VII - 7	N	0200-0335	300- 320	.0- .0	20.9	14.0	10IKT	N	4
RHB2547	CH	105	36 21N	25 39W	72-VII - 7	N	0939-1225	700- 760	.0- .0	21.2	13.9	10IKT	D	4
RHB2548	CH	105	35 14N	24 41W	72-VII - 7	N	2135-2240	70- 75	17.6-18.4	21.3	15.0	10IKT	N	10
RHB2549	CH	105	35 8N	24 25W	72-VII - 7	N	2349-2502	40- 45	19.7-20.2	21.2	15.4	10IKT	N	10
RHB2550	CH	105	35 3N	24 30W	72-VII - 8	N	0112-0235	290- 310	.0- .0	21.1	15.6	10IKT	N	10
RHB2551	CH	105	34 49N	24 32W	72-VII - 8	N	1620-1845	700- 740	.0- .0	21.2	16.2	10IKT	D	10
RHB2552	CH	105	34 17N	24 5W	72-VII - 8	N	2158-2305	60- 70	17.7-17.9	21.0	16.1	10IKT	N	10
RHB2553	CH	105	34 12N	24 1W	72-VII - 8	N	2355-2505	125- 135	16.7-16.8	21.0	16.1	10IKT	N	10
RHB2554	CH	105	34 8N	23 59W	72-VII - 9	N	0115-0235	480- 520	.0- .0	21.0	16.1	10IKT	N	10
RHB2555	CH	105	34 0N	22 55W	72-VII - 9	N	1002-1215	470- 520	.0- .0	20.8	13.8	10IKT	D	4
RHB2556	CH	105	34 44N	21 33W	72-VII - 9	N	2243-2358	35- 40	16.9-17.7	20.3	13.3	10IKT	N	4
RHB2557	CH	105	34 48N	21 22W	72-VII -10	N	0120-0220	70- 80	15.0-15.5	20.3	13.3	10IKT	N	4
RHB2558	CH	105	34 50N	21 23W	72-VII -10	N	0225-0340	135- 150	14.2-14.4	20.4	13.7	10IKT	N	4
RHB2559	CH	105	35 56N	19 28W	72-VII -11	N	0345-0415	65- 75	17.1-17.7	20.3	14.5	10IKT	N	4
RHB2560	CH	105	35 54N	19 28W	72-VII -11	N	0415-0530	140- 155	15.2-15.4	20.3	14.5	10IKT	T	4
RHB2561	CH	105	35 10N	18 56W	72-VII -11	N	0935-1220	600- 660	.0- .0	19.5	15.8	10IKT	D	10
RHB2562	CH	105	33 59N	19 13W	72-VII -11	N	2245-2315	55- 60	17.3-17.7	19.4	14.5	10IKT	N	5
RHB2563	CH	105	33 53N	18 11W	72-VII -11	N	2331-2440	100- 110	16.5-16.8	20.0	15.6	10IKT	N	10

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2564	CH	105	33 48N	18 9W	72-VII -12	N	0102-0222	250-260	00-.00	20.1	15.7	10IKT	N	10
RHB2565	CH	105	33 21N	16 30W	72-VII -12	N	1700-2038	680-770	00-.00	20.2	15.0	10IKT	T	10
RHB2566	CH	105	33 33N	16 16W	72-VII -12	N	2207-2320	60-70	17.3-17.6	19.7	15.3	10IKT	N	10
RHB2567	CH	105	33 37N	16 12W	72-VII -12	N	2328-2448	140-150	15.8-16.1	19.8	15.2	10IKT	N	10
RHB2568	CH	105	33 42N	16 8W	72-VII -13	N	0053-0300	800-800	00-.00	19.8	15.0	10IKT	N	10
RHB2569	CH	105	34 45N	15 6W	72-VII -13	N	0915-1215	430-480	00-.00	19.6	13.7	10IKT	D	5
RHB2570	CH	105	34 47N	14 57W	72-VII -13	N	1558-1920	720-840	00-.00	19.4	14.2	10IKT	D	5
RHB2571	CH	105	35 7N	14 50W	72-VII -13	N	2105-2208	45-50	16.0-17.4	19.2	13.6	10IKT	N	5
RHB2572	CH	105	35 8N	14 48W	72-VII -13	N	2213-2320	90-95	14.7-14.9	19.4	13.7	10IKT	N	5
RHB2573	CH	105	35 11N	14 44W	72-VII -13	N	2333-2438	125-135	14.8-14.5	19.3	13.7	10IKT	N	5
RHB2574	CH	105	35 13N	14 42W	72-VII -14	Z	0146-0301	280-340	00-.00	19.2	13.9	10IKT	N	5
RHB2575	CH	105	36 12N	13 43W	72-VII -14	Z	0900-1250	500-600	00-.00	19.0	13.6	10IKT	D	5
RHB2576	CH	105	36 19N	13 33W	72-VII -14	Z	1630-1935	620-710	00-.00	19.2	13.5	10IKT	D	5
RHB2577	CH	105	36 40N	13 19W	72-VII -14	Z	2143-2238	50-55	15.7-16.3	19.0	13.6	10IKT	N	5
RHB2578	CH	105	36 43N	13 19W	72-VII -14	Z	2254-2355	95-100	14.6-14.8	19.0	13.5	10IKT	N	5
RHB2579	CH	105	36 46N	13 16W	72-VII -15	Z	0003-0115	165-175	13.6-13.7	19.0	13.4	10IKT	N	5
RHB2580	CH	105	36 50N	13 13W	72-VII -15	Z	0134-0244	220-230	00-.00	18.8	13.4	10IKT	N	5
RHB2581	CH	105	38 35N	10 26W	72-VII -20	Z	2341-2433	48-52	14.5-15.9	19.0	12.8	10IKT	N	5
RHB2592	CH	105	38 35N	10 30W	72-VII -21	Z	0043-0145	100-115	13.6-13.8	19.6	12.8	10IKT	N	5
RHB2583	CH	105	38 35N	10 35W	72-VII -21	Z	0200-0325	135-150	13.2-13.6	19.7	12.8	10IKT	N	5
RHB2584	CH	105	38 33N	9 58W	72-VII -21	Z	1607-1918	640-780	00-.00	19.8	12.8	10IKT	D	5
RHB2585	CH	105	38 23N	11 11W	72-VII -22	Z	0107-0215	70-75	14.7-14.8	20.0	12.7	10IKT	N	5
RHB2586	CH	105	38 24N	11 16W	72-VII -22	Z	0226-0335	110-125	13.7-13.9	20.0	12.7	10IKT	N	5
RHB2587	CH	105	38 23N	11 21W	72-VII -22	Z	0345-0454	165-175	12.9-13.1	19.8	12.7	10IKT	N	5
RHB2588	CH	105	38 21N	12 28W	72-VII -22	Z	0905-1202	400-480	00-.00	20.0	12.8	10IKT	D	5

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2589	CH	105	38 15N	15 5W	72-VII -22	Z	2200-2310	45- 50	14.8-15.9	20.8	13.1	10IKT	N	5
RHB2590	CH	105	38 15N	15 11W	72-VII -22	Z	2345-2505	120- 135	13.5-13.7	20.9	13.0	10IKT	N	5
RHB2591	CH	105	38 19N	19 24W	72-VII -23	Z	2206-2310	50- 55	15.3-16.3	21.6	13.3	10IKT	N	4
RHB2592	CH	105	38 19N	19 31W	72-VII -23	Z	2345-2455	85- 95	14.1-14.4	21.7	13.2	10IKT	N	4
RHB2593	CH	105	40 13N	20 24W	72-VII -24	Z	1040-1235	280- 320	.0- .0	21.2	12.8	10IKT	D	4
RHB2594	CH	105	41 5N	20 44W	72-VII -24	Z	2213-2313	40- 45	14.0-14.7	21.2	12.2	10IKT	N	4
RHB2595	CH	105	41 11N	20 44W	72-VII -25	Z	0017-0120	60- 65	13.5-13.7	21.3	12.4	10IKT	N	4
RHB2596	CH	105	43 0N	21 42W	72-VII -25	Z	1035-1300	610- 710	.0- .0	20.0	11.9	10IKT	D	4
RHB2597	CH	105	44 1N	22 11W	72-VII -25	Z	2225-2345	70- 75	13.1-13.3	20.5	12.2	10IKT	N	4
RHB2598	CH	105	43 56N	22 14W	72-VII -26	Z	0025-0135	115- 125	12.8-12.9	20.4	12.4	10IKT	N	4
RHB2599	CH	105	43 57N	22 10W	72-VII -26	Z	1500-1655	610- 610	.0- .0	20.5	12.4	10IKT	D	4
RHB2600	CH	105	43 58N	22 10W	72-VII -26	Z	2103-2240	340- 370	.0- .0	20.6	12.2	10IKT	T	4
RHB2601	CH	105	43 38N	22 15W	72-VII -27	Z	1435-1655	660- 790	.0- .0	21.3	12.2	10IKT	D	4
RHB2602	CH	105	43 24N	22 3W	72-VII -27	Z	2235-2343	40- 45	14.5-15.9	20.9	12.4	10IKT	N	4
RHB2603	CH	105	43 19N	21 56W	72-VII -28	Z	0037-0152	150- 170	12.3-12.5	20.5	12.2	10IKT	N	4
RHB2604	CH	105	43 38N	22 27W	72-VII -30	Z	0340-0450	65- 105	12.8-12.9	20.8	12.2	10IKT	N	4
RHB2605	CH	105	44 46N	22 10W	72-VII -30	Z	1035-1245	500- 520	.0- .0	19.4	12.3	10IKT	D	4
RHB2606	CH	105	46 26N	21 45W	72-VII -30	Z	2218-2322	50- 55	13.2-13.7	18.3	11.8	10IKT	N	4
RHB2607	CH	105	46 32N	21 42W	72-VII -31	Z	0017-0132	130- 135	12.4-12.5	18.1	11.9	10IKT	N	4
RHB2608	CH	105	48 23N	21 12W	72-VII -31	Z	1035-1255	710- 740	8.5- 9.5	16.6	11.7	10IKT	D	4
RHB2609	CH	105	48 27N	21 8W	72-VII -31	Z	1540-1745	350- 380	.0- .0	17.1	11.7	10IKT	D	4
RHB2610	CH	105	49 33N	20 50W	72-VII -31	Z	2217-2325	60- 65	12.7-12.5	16.1	10.8	10IKT	N	4
RHB2611	CH	105	49 39N	20 47W	72-VIII -1	Z	0015-0125	115- 120	11.6-11.7	16.3	11.1	10IKT	N	4
RHB2612	CH	105	49 43N	20 45W	72-VIII -1	Z	0135-0255	155- 180	10.9-11.4	16.4	10.9	10IKT	N	4
RHB2613	CH	105	51 18N	20 23W	72-VIII -1	Z	1005-1230	700- 750	8.0- 9.0	13.6	10.4	10IKT	D	4

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2614	CH	105	52 32N	19 54W	72-VIII-2	Z	0033-0143	40-45	10.7-10.8	13.2	9.3	10IKT	N	4
RHB2615	CH	105	52 31N	20 3W	72-VIII-2	Z	0152-0307	140-195	9.7-9.7	13.0	9.3	10IKT	N	4
RHB2616	CH	105	53 3N	19 53W	72-VIII-2	Z	1035-1230	490-510	.0-	12.4	9.0	10IKT	D	4
RHB2617	CH	105	53 15N	19 55W	72-VIII-2	Z	1512-1859	1000-1100	6.0-6.5	12.7	9.6	10IKT	D	4
RHB2618	CH	105	54 10N	19 57W	72-VIII-2	Z	2225-2345	25-30	11.2-11.7	12.0	9.2	10IKT	N	4
RHB2619	CH	105	54 16N	19 55W	72-VIII-3	Z	0010-0125	80-85	10.2-10.4	11.8	9.2	10IKT	N	4
RHB2620	CH	105	54 21N	19 54W	72-VIII-3	Z	0137-0300	170-180	9.3-9.4	11.8	9.2	10IKT	N	4
RHB2621	CH	105	55 35N	19 35W	72-VIII-3	Z	1035-1235	530-580	9.0-9.5	12.0	10.0	10IKT	D	4
RHB2622	CH	105	55 41N	15 11W	72-VIII-4	Z	0015-0117	30-35	11.5-12.1	12.3	9.6	10IKT	N	4
RHB2623	CH	105	55 41N	15 3W	72-VIII-4	Z	0130-0240	85-95	10.5-10.6	12.0	9.7	10IKT	N	4
RHB2624	CH	105	55 41N	14 56W	72-VIII-4	Z	0250-0405	150-160	9.9-10.1	12.0	9.7	10IKT	N	4
RHB2625	CH	105	56 20N	12 34W	72-VIII-4	Z	1036-1230	430-470	.0-	12.4	10.0	10IKT	D	4
RHB2626	CH	105	56 24N	12 41W	72-VIII-4	Z	1505-1755	700-800	.0-	12.9	10.1	10IKT	D	4
RHB2627	CH	105	57 14N	12 4W	72-VIII-4	Z	2205-2333	270-290	.0-	12.7	9.7	10IKT	N	4
RHB2628	CH	105	57 18N	12 2W	72-VIII-4	Z	2345-2452	55-60	10.9-11.3	12.4	9.6	10IKT	N	4
RHB2629	CH	105	57 22N	12 1W	72-VIII-5	Z	0100-0225	160-170	9.8-9.9	12.4	9.7	10IKT	N	4
RHB2630	CH	105	57 53N	11 40W	72-VIII-5	Z	1520-1815	620-690	.0-	12.7	9.6	10IKT	D	4
RHB2631	CH	105	58 43N	10 38W	72-VIII-5	Z	2235-2340	45-50	11.0-11.2	12.0	9.4	10IKT	N	4
RHB2632	CH	105	58 45N	10 26W	72-VIII-6	Z	0003-0115	85-90	9.9-10.3	12.0	9.2	10IKT	N	4
RHB2633	CH	105	58 47N	10 19W	72-VIII-6	Z	0130-0255	165-170	9.3-9.4	12.0	9.0	10IKT	N	4
RHB2634	CH	105	59 35N	7 44W	72-VIII-6	Z	1005-1220	340-370	.0-	12.5	9.4	10IKT	D	4
RHB2635	CH	105	60 4N	6 2W	72-VIII-6	Z	2340-2448	65-70	9.8-10.3	11.2	8.6	10IKT	N	1
RHB2636	CH	105	60 5N	5 53W	72-VIII-7	Z	0055-0210	120-125	8.9-9.3	11.1	8.5	10IKT	N	1
RHB2637	CH	105	60 7N	5 44W	72-VIII-7	Z	0223-0345	185-200	7.8-8.5	11.3	8.1	10IKT	T	1
RHB2638	CH	105	60 58N	4 14W	72-VIII-7	Z	0938-1210	490-510	.0-.0	11.8	6.7	10IKT	D	1

H
T
G
S

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP	200M TEMP	GEAR	CODE	PROV.		
RHB2639	CH	105	61	4N	4	12W	72-VIII-7	Z	1512-1810	580-680	.0-.0	11.7	7.0	10IKT	D	1
RHB2640	CH	105	61	46N	3	38W	72-VIII-7	Z	2236-2350	40-45	10.0-10.7	11.4	8.2	10IKT	N	1
RHB2641	CH	105	61	50N	3	32W	72-VIII-8	Z	0055-0215	175-195	8.3-8.4	11.4	8.2	10IKT	N	1
RHB2642	CH	105	61	52N	3	28W	72-VIII-8	Z	0225-0755	290-300	.0-.0	11.4	8.4	10IKT	T	1
RHB2643	CH	105	62	51N	2	31W	72-VIII-8	Z	0906-1149	290-340	.0-.0	11.4	7.7	10IKT	O	1
RHB2644	CH	105	63	4N	2	24W	72-VIII-8	Z	2349-2454	50-55	8.8-9.0	11.4	7.7	10IKT	N	1
RHB2645	CH	105	63	9N	2	36W	72-VIII-9	Z	0102-0217	105-115	7.9-8.2	11.2	7.6	10IKT	N	1
RHB2646	CH	105	63	14N	2	33W	72-VIII-9	Z	0225-0345	175-185	7.4-7.6	11.0	7.4	10IKT	T	1
RHB2647	CH	105	63	25N	2	40W	72-VIII-9	Z	0425-0740	700-700	.0-.0	11.1	6.3	10IKT	D	1
RHB2600	WH	669	65	11N	29	50W	73-IX-17	N	1455-1603	790-800	.0-.0	.0	.0	10IKT	D	1
RHB2801	WH	676	64	6N	29	14W	73-IX-19	N	0025-0245	485-510	.0-.0	.0	.0	10IKT	N	1
RHB2802	WH	679	65	6N	32	58W	73-IX-19	N	2000-2138	280-290	.0-.0	.0	.0	10IKT	T	1
RHB2803	WH	685	61	10N	32	6W	73-IX-21	N	0015-0125	100-150	.0-.0	.0	.0	10IKT	N	1
RHB2804	WH	687	59	15N	29	46W	73-IX-21	N	1210-1400	340-350	.0-.0	.0	.0	10IKT	D	1
RHB2605	WH	691	57	48N	28	10W	73-IX-22	N	0005-0112	40-50	.0-.0	.0	.0	10IKT	N	1
RHB2806	WH	694	56	21N	26	35W	73-IX-22	N	1216-1420	350-400	.0-.0	.0	.0	10IKT	D	1
RHB2807	WH	698	55	22N	25	28W	73-IX-23	N	0022-0140	150-160	.0-.0	.0	.0	10IKT	N	1
RHB2608	WH	708	50	0N	19	33W	73-IX-25	N	2255-0030	275-280	.0-.0	.0	.0	10IKT	N	4
RHB2809	WH	713	47	0N	16	50W	73-IX-26	N	2250-2400	40-50	.0-.0	.0	.0	10IKT	N	4
RHB2500	A2	78	37	9N	25	6W	73-IX-4	N	0110-0310	520-0	.0-.0	.0	.0	10IKT	N	4
RHB2901	A2	78	34	21N	29	34W	73-IX-4	N	2210-2410	450-0	11.0-25.3	25.3	14.2	10IKT	N	4
RHB2502	A2	78	34	15N	28	39W	73-IX-5	0	0001-0200	460-0	11.0-25.3	25.3	14.2	10IKT	N	4
RHB2903	A2	78	31	50N	30	37W	73-IX-5	0	2210-2410	500-0	13.0-25.4	25.4	17.2	10IKT	N	10
RHB2504	A2	78	31	44N	30	41W	73-IX-6	0	0047-0243	490-0	13.0-25.4	25.4	17.2	10IKT	N	10
RHB2905	A2	78	28	50N	33	0W	73-IX-6	0	2210-2410	510-0	12.9-25.8	25.8	16.8	10IKT	N	11

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. LEPIH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2506	A2	78	28 45N	33 8W	73- IX - 7	0	0055-0255	500-	0	12.7-25.8	25.8	16.8	10IKT	N 11
RHB2507	A2	78	27 10N	34 24W	73- IX - 7	0	2205-2405	450-	0	12.7-25.8	25.8	17.7	10IKT	N 11
RHB2508	A2	78	27 5N	34 28W	73- IX - 8	0	0040-0240	490-	0	12.7-25.8	25.8	17.7	10IKT	N 11
RHB2509	A2	78	25 29N	35 33W	73- IX - 8	0	2235-2435	500-	0	12.7-25.3	25.3	17.9	10IKT	N 11
RHB2510	A2	78	25 25N	35 41W	73- IX - 9	0	0113-0313	500-	0	12.7-25.0	25.0	17.8	10IKT	N 11
RHB2511	A2	78	23 24N	36 20W	73- IX - 9	0	2210-2410	500-	0	12.4-25.4	25.4	18.0	10IKT	N 11
RHB2512	A2	78	23 19N	36 22W	73- IX - 10	0	0055-0255	450-	0	12.4-25.5	25.5	18.7	10IKT	N 11
RHB2513	A2	78	20 36N	37 22W	73- IX - 10	0	2208-2410	450-	0	11.4-25.8	25.8	19.0	10IKT	N 11
RHB2514	A2	78	20 30N	37 24W	73- IX - 11	0	0055-0255	490-	0	11.4-25.8	25.8	19.0	10IKT	N 11
RHB2515	A2	78	18 32N	38 2W	73- IX - 11	0	2200-2400	500-	0	10.2-26.1	26.1	17.6	10IKT	N 11
RHB2517	A2	78	17 10N	38 34W	73- IX - 12	0	2222-2420	500-	0	10.8-26.2	26.2	16.8	10IKT	N 11
RHB2518	A2	78	17 4N	38 38W	73- IX - 13	0	0160-0435	1025-	0	5.6-26.2	26.2	16.8	10IKT	N 11
RHB2519	A2	78	14 37N	39 29W	73- IX - 13	0	2230-2430	490-	0	8.8-26.4	26.4	16.0	10IKT	N 11
RHB2520	A2	78	14 32N	39 35W	73- IX - 14	P	0015-0215	475-	0	8.8-27.0	27.0	16.0	10IKT	N 11
RHB2521	A2	78	13 23N	40 0W	73- IX - 14	P	2245-2425	450-	0	7.7-27.5	27.5	15.0	10IKT	N 11
RHB2522	A2	78	13 16N	40 1W	73- IX - 15	P	0100-0300	500-	0	7.7-27.5	27.5	14.3	10IKT	N 11
RHB2523	A2	78	11 0N	40 10W	73- IX - 15	P	2045-2245	500-	0	8.1-27.6	27.6	10.9	10IKT	N 15
RHB2524	A2	78	10 59N	40 22W	73- IX - 15	P	2330-2530	490-	0	8.1-27.6	27.6	11.3	10IKT	N 15
RHB2525	A2	78	10 58N	40 29W	73- IX - 16	P	0145-0345	460-	0	8.1-27.5	27.5	11.7	10IKT	N 15
RHB2526	A2	78	10 59N	41 54W	73- IX - 16	P	2155-2335	510-	0	8.3-27.5	27.5	12.5	10IKT	N 15
RHB2527	A2	78	11 0N	42 2W	73- IX - 17	P	0015-0215	450-	0	8.3-27.4	27.4	11.8	10IKT	N 15
RHB2528	A2	78	10 59N	42 9W	73- IX - 17	P	0230-0430	490-	0	8.3-27.4	27.4	11.2	10IKT	N 15
RHB2529	A2	78	11 2N	41 35W	73- IX - 17	P	2210-2410	495-	0	8.5-27.6	27.6	13.8	10IKT	N 15
RHB2530	A2	78	11 0N	41 31W	73- IX - 18	P	0055-0255	475-	0	8.5-27.6	27.6	13.3	10IKT	N 15
RHB2531	A2	78	10 59N	41 38W	73- IX - 18	P	0305-0505	460-	0	8.5-27.5	27.5	12.8	10IKT	N 15

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2532	A2	78	9 45N	40 41W	73- IX -18	P	2155-2355	485-	7.6-27.7	27.7	12.1	10IKT	N	15
RHB2533	A2	78	9 41N	40 39W	73- IX -19	P	0040-0240	495-	7.6-27.6	27.6	11.8	10IKT	N	15
RHB2534	A2	78	9 37N	40 37W	73- IX -19	P	0250-0450	480-	7.6-27.6	27.6	11.6	10IKT	N	15
RHB2535	A2	78	9 3N	40 41W	73- IX -19	P	2110-2310	495-	6.9-28.2	28.2	10.2	10IKT	N	15
RHB2536	A2	78	9 2N	40 47W	73- IX -19	P	2350-2550	505-	6.9-28.2	28.2	10.2	10IKT	N	15
RHB2537	A2	78	9 0N	40 53W	73- IX -20	P	0205-0405	505-	6.9-28.2	28.2	10.2	10IKT	N	15
RHB2538	A2	78	9 2N	43 48W	73- IX -20	P	2215-2415	495-	6.9-28.4	28.4	10.8	10IKT	N	15
RHB2539	A2	78	9 2N	43 55W	73- IX -21	P	0055-0255	470-	7.7-28.4	28.4	10.3	10IKT	N	15
RHB2540	A2	78	8 57N	46 29W	73- IX -21	P	2210-2410	485-	7.7-28.4	28.4	10.7	10IKT	N	15
RHB2541	A2	78	8 56N	46 36W	73- IX -22	P	0055-0257	475-	7.7-29.5	28.5	10.8	10IKT	N	15
RHB2542	A2	78	9 3N	49 16W	73- IX -22	P	2105-2305	490-	6.3-28.6	28.6	11.2	10IKT	N	15
RHB2543	A2	78	9 6N	49 21W	73- IX -22	P	2345-2545	505-	6.3-28.6	28.6	12.1	10IKT	N	15
RHB2544	A2	78	9 8N	49 28W	73- IX -23	P	0200-0400	580-	6.3-28.6	28.6	13.0	10IKT	N	15
RHB2545	A2	78	9 0N	51 0W	73- IX -23	P	2345-2545	510-	5.6-28.5	28.5	15.0	10IKT	N	12
RHB2546	A2	78	9 3N	51 5W	73- IX -24	P	0220-0420	510-	5.6-28.4	28.4	15.1	10IKT	N	12
RHB2547	A2	78	9 0N	53 0W	73- IX -24	P	2140-2350	495-	7.2-28.7	28.7	13.3	10IKT	N	15
RHB2548	A2	78	8 59N	53 5W	73- IX -25	P	0025-0225	480-	7.2-28.6	28.6	12.2	10IKT	N	15
RHB2549	A2	78	8 58N	53 10W	73- IX -25	P	0240-0440	475-	7.2-28.4	28.4	11.2	10IKT	N	15
RHB2550	A2	78	9 3N	55 0W	73- IX -25	P	2140-2340	490-	7.0-29.0	29.0	13.9	10IKT	N	15
RHB2551	A2	78	9 6N	55 9W	73- IX -26	P	0025-0225	495-	7.0-28.8	28.8	13.0	10IKT	N	15
RHB2552	A2	78	9 5N	55 17W	73- IX -26	P	0235-0435	505-	7.0-28.5	28.5	12.0	10IKT	N	15
RHB2553	A2	78	9 0N	57 27W	73- IX -26	P	2110-2310	490-	6.8-28.6	28.6	12.5	10IKT	N	15
RHB2554	A2	78	8 59N	57 34W	73- IX -27	P	0040-0240	475-	6.8-28.4	28.4	12.5	10IKT	N	15
RHB2555	A2	78	8 58N	57 40W	73- IX -27	P	0250-0450	505-	6.8-28.3	28.3	12.5	10IKT	N	15
RHB2556	A2	78	9 1N	59 4W	73- IX -27	P	2025-2225	510-	6.7-28.9	28.9	17.6	10IKT	N	12

H
T
W

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.
RHB2557	A2	78	9 10N	59 5W	73- IX -27	P	2240-2440	460- 0	6.7-28.7	28.7	16.8	10IKT	N	12
RHB2558	A2	78	9 13N	59 6W	73- IX -28	P	0115-0315	500- 0	6.7-28.5	28.5	15.8	10IKT	N	12
RHB2559	A2	78	9 20N	59 10W	73- IX -28	P	0330-0530	580- 0	6.7-28.3	28.3	14.8	10IKT	N	12
RHB2560	A2	78	11 10N	59 32W	73- IX -28	P	2110-2310	500- 0	11.1-28.5	28.5	15.0	10IKT	N	12
RHB2561	A2	78	11 18N	59 33W	73- IX -28	P	2345-2545	500- 0	11.1-28.4	28.4	15.5	10IKT	N	12
RHB2562	A2	78	11 24N	59 34W	73- IX -29	0	0055-0255	550- 0	11.1-28.4	28.4	16.0	10IKT	N	12
RHB2563	A2	78	11 32N	59 36W	73- IX -29	0	0310-0510	475- 0	11.1-28.3	28.3	16.4	10IKT	N	12
RHB2564	A2	78	12 9N	59 24W	73- IX -29	0	1940-2205	450- 0	6.2-28.4	28.4	18.0	10IKT	N	12
RHB2565	A2	78	12 16N	59 29W	73- IX -29	0	2215-2405	480- 0	6.2-28.4	28.4	18.0	10IKT	N	12
RHB2566	A2	78	12 21N	59 34W	73- IX -30	0	0035-0235	495- 0	6.2-28.4	28.4	18.0	10IKT	N	12
RHB2567	A2	78	13 4N	58 34W	73- X - 4	0	2110-2315	560- 0	10.6-28.1	28.1	19.7	10IKT	N	12
RHB2568	A2	78	13 6N	58 30W	73- X - 5	0	0010-0215	520- 0	10.6-27.8	27.8	19.7	10IKT	N	12
RHB2569	A2	78	13 6N	58 23W	73- X - 5	0	0245-0445	515- 0	10.6-27.8	27.8	19.7	10IKT	N	12
RHB2570	A2	78	13 12N	56 46W	73- X - 5	0	2030-2230	800- 0	6.0-28.0	28.0	19.4	10IKT	N	12
RHB2571	A2	78	13 12N	56 34W	73- X - 5	0	2350-2545	450- 0	10.6-28.0	28.0	19.4	10IKT	N	12
RHB2572	A2	78	13 14N	56 30W	73- X - 6	0	0200-0400	450- 0	10.6-28.0	28.0	19.4	10IKT	N	12
RHB2573	A2	78	13 13N	54 49W	73- X - 6	0	2200-2400	490- 0	9.4-27.8	27.8	17.9	10IKT	N	12
RHB2574	A2	78	13 12N	54 46W	73- X - 7	0	0055-0230	450- 0	9.4-27.6	27.6	13.0	10IKT	N	12
RHB2575	A2	78	13 28N	52 55W	73- X - 7	0	2105-2300	450- 0	8.2-27.5	27.5	17.9	10IKT	N	12
RHB2576	A2	78	13 29N	52 57W	73- X - 8	0	0024-0235	450- 0	8.2-27.5	27.5	17.6	10IKT	N	12
RHB2577	A2	78	13 30N	50 58W	73- X - 8	0	2015-2210	515- 0	9.0-27.5	27.5	20.0	10IKT	N	12
RHB2578	A2	78	13 30N	50 54W	73- X - 8	0	2300-2500	500- 0	9.0-27.4	27.4	19.9	10IKT	N	12
RHB2579	A2	78	13 34N	50 50W	73- X - 9	P	0210-0410	450- 0	9.0-27.3	27.3	15.8	10IKT	N	12
RHB2580	A2	78	14 27N	50 17W	73- X - 9	P	2100-2255	500- 0	9.0-27.3	27.3	19.2	10IKT	N	12
RHB2581	A2	78	14 32N	50 16W	73- X - 9	P	2355-2555	485- 0	9.0-27.3	27.3	19.0	10IKT	N	12

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP	200M TEMP	GEAR	CODE	PROV.			
RHB2592	A2	78	14	38N	59	12W	73-X -10	P	0267-0415	515-	0	9.0-27.3	27.3	18.8	10IKT	N	12
RHB2593	A2	78	16	18N	49	9W	73-X -10	P	2222-2425	500-	0	9.9-27.2	27.2	19.5	10IKT	N	12
RHB2584	A2	78	16	24N	49	7W	73-X -11	P	0100-0300	560-	0	9.9-27.1	27.1	19.7	10IKT	N	12
RHB2585	A2	78	16	30N	49	4W	73-X -11	P	0310-0515	605-	0	8.5-27.0	27.0	20.1	10IKT	N	12
RHB2586	A2	78	18	1N	48	7W	73-X -11	P	2340-2540	500-	0	11.6-27.2	27.2	19.4	10IKT	N	12
RHB2587	A2	78	18	9N	48	5W	73-X -12	P	0150-0350	495-	0	11.6-27.2	27.2	19.2	10IKT	N	12
RHB2588	A2	78	18	16N	48	0W	73-X -12	P	0400-0525	95-	100	25.0-25.5	27.2	19.0	10IKT	N	12
RHB2589	A2	78	20	5N	46	53W	73-X -13	P	0015-0215	490-	0	12.8-27.2	27.2	20.6	10IKT	N	9
RHB2590	A2	78	20	12N	46	50W	73-X -13	P	0225-0425	495-	0	12.8-27.1	27.1	20.8	10IKT	N	9
RHB2591	A2	78	22	16N	45	27W	73-X -13	P	2205-2400	510-	0	13.0-26.9	26.9	19.8	10IKT	N	9
RHB2592	A2	78	22	20N	45	26W	73-X -14	P	0034-0135	500-	0	13.0-26.8	26.8	19.7	10IKT	N	9
RHB2593	A2	78	22	27N	45	21W	73-X -14	P	0245-0445	495-	0	13.0-26.8	26.8	19.6	10IKT	N	9
RHB2594	A2	78	23	0N	44	54W	73-X -14	P	1925-2125	500-	0	13.3-26.8	26.8	18.7	10IKT	N	9
RHB2595	A2	78	23	9N	44	57W	73-X -14	P	2135-2335	510-	0	13.3-26.8	26.8	18.6	10IKT	N	9
RHB2596	A2	78	23	15N	44	57W	73-X -15	P	0009-0205	480-	0	13.3-26.7	26.7	19.0	10IKT	N	9
RHB2597	A2	78	23	9N	44	59W	73-X -15	P	0215-0415	500-	0	13.3-26.7	26.7	19.0	10IKT	N	9
RHB2598	A2	78	23	13N	44	56W	73-X -15	P	2345-2900	1000-1100		5.0-6.0	26.6	19.0	10IKT	N	9
RHB2599	A2	78	23	3N	44	40W	73-X -16	P	2234-2435	500-	0	13.6-26.6	26.6	18.9	10IKT	N	9
RHB3000	A2	78	23	3N	44	33W	73-X -17	P	0045-0245	540-	0	13.6-26.7	26.7	19.0	10IKT	N	9
RHB3001	A2	78	23	4N	45	10W	73-X -17	P	2332-2905	950-1100		5.0-6.5	26.7	19.1	10IKT	N	9
RHB3002	A2	78	23	3N	45	1W	73-X -18	P	2300-2500	500-	0	14.5-26.7	26.7	19.3	10IKT	N	9
RHB3003	A2	78	23	2N	45	8W	73-X -19	P	0108-0305	500-	0	14.5-26.7	26.7	19.3	10IKT	N	9
RHB3004	A2	78	22	58N	46	1W	73-X -19	P	2035-2235	495-	0	14.2-26.7	26.7	19.7	10IKT	N	9
RHB3005	A2	76	22	59N	46	6W	73-X -19	P	2320-2620	400-450		15.0-15.8	26.6	19.4	10IKT	N	9
RHB3006	A2	78	22	58N	46	1W	73-X -20	P	0230-0330	45-75		24.0-26.6	26.6	19.1	10IKT	N	9

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.			
RHB3007	A2	76	23	1N	46	12W	73-X-21	P	0020-0220	460-	0	13.7-26.6	26.6	19.0	10IKT	N	9
RHB3008	A2	76	23	1N	46	19W	73-X-21	P	0230-0430	505-	0	13.3-26.7	26.7	19.6	10IKT	N	9
RHB3009	A2	78	23	1N	47	33W	73-X-22	P	0130-0335	485-	0	13.2-26.8	26.8	21.0	10IKT	N	9
RHB3010	A2	78	23	2N	47	39W	73-X-22	P	0343-0500	80-	90	24.6-25.4	26.8	21.1	10IKT	N	9
RHB3011	A2	78	23	13N	48	57W	73-X-23	P	0015-0215	460-	0	13.6-27.0	27.0	20.3	10IKT	N	9
RHB3012	A2	78	23	13N	49	2W	73-X-23	P	0230-0430	490-	0	13.6-27.0	27.0	20.3	10IKT	N	9
RHB3013	A2	78	23	19N	49	50W	73-X-23	P	2340-2540	495-	0	13.6-27.0	27.0	19.2	10IKT	N	9
RHB3014	A2	78	23	21N	49	58W	73-X-24	P	0149-0500	50-190		19.6-27.0	27.0	19.2	10IKT	N	9
RHB3015	A2	78	23	23N	52	9W	73-X-24	P	2220-2420	490-	0	13.5-27.4	27.4	20.1	10IKT	N	9
RHB3016	A2	78	23	28N	52	10W	73-X-25	P	0106-0305	470-	0	13.5-27.4	27.4	19.6	10IKT	N	9
RHB3017	A2	78	23	35N	52	10W	73-X-25	P	0315-0505	470-	0	13.5-27.4	27.4	19.1	10IKT	N	9
RHB3018	A2	78	23	35N	53	1W	73-X-26	P	0104-0315	490-	0	13.4-27.5	27.5	18.8	10IKT	N	9
RHB3019	A2	78	23	36N	53	8W	73-X-26	P	0320-0520	500-	0	13.8-27.3	27.3	18.6	10IKT	N	9
RHB3020	A2	78	23	30N	55	2W	73-X-27	P	0000-0200	500-	0	14.0-27.4	27.4	19.6	10IKT	N	9
RHB3021	A2	78	23	25N	55	6W	73-X-27	P	0212-0415	450-	0	14.0-27.3	27.3	20.0	10IKT	N	9
RHB3050	A2	79	11	45N	65	33W	73-XII-9	0	2315-2715	1000-1000		.0-.0	.0	.0	10IKT	N	14
RHB3051	A2	79	11	20N	64	40W	73-XII-10	0	0810-1000	400-400		.0-.0	.0	.0	10IKT	D	14
RHB3052	A2	79	11	22N	65	1W	73-XII-10	0	1700-1900	350-350		.0-.0	.0	.0	10IKT	D	14
RHB3053	A2	79	11	22N	65	7W	73-XII-10	0	1910-2040	100-100		.0-.0	.0	.0	10IKT	N	14
RHB3054	A2	79	11	22N	65	14W	73-XII-10	0	2100-2300	75-75		.0-.0	.0	.0	10IKT	N	14
RHB3055	A2	79	11	30N	65	19W	73-XII-11	0	0100-0600	1500-1500		.0-.0	.0	.0	10IKT	N	14
RHB3056	A2	79	11	37N	65	32W	73-XII-11	0	2145-2745	1200-1200		.0-.0	.0	.0	10IKT	N	14
RHB3100	KN	38	20	6N	65	29W	74-III-11	0	2020-2150	475-	0	.0-.0	.0	.0	10IKT	N	9
RHB3101	KN	38	20	11N	65	28W	74-III-11	0	2220-2350	360-	0	.0-.0	.0	.0	10IKT	N	9
RHB3102	KN	38	22	57N	64	12W	74-III-12	0	2010-2155	400-	0	.0-.0	.0	.0	10IKT	N	9

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	COLLECT. DEPTH	COLLECT. TEMP.	SURF. TEMP.	200M TEMP.	GEAR	CODE	PROV.		
RHB3103	KN	38	23	1N	64	9W	74-III -12	0	2200-2255	425-	0	.0	.0	10IKT	N	9
RHB3104	KN	38	25	9N	63	5W	74-III -13	0	2010-2150	400-	0	.0	.0	10IKT	N	9
RHB3105	KN	38	25	13N	63	3W	74-III -13	0	2205-2350	400-	0	.0	.0	10IKT	N	9
RHB3106	KN	38	28	4N	61	51W	74-III -14	0	2010-2150	425-	0	.0	.0	10IKT	N	8
RHB3107	KN	38	28	7N	61	52W	74-III -14	0	2155-2340	425-	0	.0	.0	10IKT	N	8
RHB3108	KN	38	30	34N	60	55W	74-III -15	0	2210-2345	425-	0	.0	.0	10IKT	N	8
RHB3109	KN	38	32	28N	60	3W	74-III -16	0	2065-2140	410-	0	.0	.0	10IKT	N	8
RHB3110	KN	38	32	25N	60	0W	74-III -16	0	2155-2330	400-	0	.0	.0	10IKT	N	8
RHB3111	KN	38	32	12N	59	44W	74-III -17	0	2107-2208	460-	0	.0	.0	10IKT	N	8
RHB3112	KN	38	32	10N	59	45W	74-III -17	0	2224-2325	375-	0	.0	.0	10IKT	N	6
RHB3113	KN	36	32	7N	59	45W	74-III -17	0	2330-2445	375-	0	.0	.0	10IKT	N	8
RHB3114	KN	38	32	17N	59	45W	74-III -18	0	0458-1605	3100-	0	.0	.0	10IKT	D	8
RHB3116	KN	38	32	9N	59	55W	74-III -18	0	1950-2130	360-	0	.0	.0	10IKT	N	8
RHB3117	KN	38	32	3N	60	0W	74-III -18	0	2140-2330	400-	0	.0	.0	10IKT	N	8
RHB3118	KN	38	31	56N	60	4W	74-III -19	0	0030-0230	450-	0	.0	.0	10IKT	N	8
RHB3119	KN	38	32	0N	60	0W	74-III -19	0	0250-0445	600-	0	.0	.0	10IKT	N	8
RHB3120	KN	38	32	30N	60	8W	74-III -19	0	2303-2449	400-	0	.0	.0	10IKT	N	8
RHB3121	KN	38	32	29N	60	1W	74-III -20	0	0167-0245	380-	0	.0	.0	10IKT	N	8
RHB3122	KN	38	32	28N	59	56W	74-III -20	0	0300-0455	380-	0	.0	.0	10IKT	N	8
RHB3123	KN	38	32	30N	60	7W	74-III -20	0	1920-2105	460-	0	.0	.0	10IKT	N	8
RHB3124	KN	38	32	30N	60	14W	74-III -20	0	2114-2300	450-	0	.0	.0	10IKT	N	8
RHB3125	KN	38	32	30N	60	23W	74-III -20	0	2346-2530	440-	0	.0	.0	10IKT	N	8

Appendix 2

WHOI neuston Collection Data, 1964-1974.

Most of the neuston collections (SUN 1003-3114) were made simultaneously with midwater trawls; the collection numbers correspond (i.e., SUN 1858 accompanied RHB 1858). Collections SUN 9200-9904 did not accompany midwater trawls.

All neuston collections were made at night. Often two, three, or four nets were fished simultaneously. When more than one neuston haul was made during a single midwater trawl (or at one position for those not accompanying midwater trawls), the 'Collection Time' is artificial; it is, in such instances, simply adjusted to equal the pooled durations of the individual hauls made during a single midwater trawl (or at a single position).

For further explanation, see Appendix 1. In addition to the ships in Appendix 1, LU = Lulu, and CR = Crawford.

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP.	TOWS	PROV.
ΣUN1003	A2	13	41 36N	60 30W	64- IX - 3	0	2010-2355	21.5	13.0	1	3
SUN1004	A2	13	41 29N	60 14W	64- IX - 4	0	0055-0515	21.2	12.0	1	3
SUN1006	A2	13	41 16N	57 37W	64- IX - 4	0	1935-2340	22.4	11.5	1	3
ΣUN1010	A2	13	41 31N	55 11W	64- IX - 5	0	1945-2340	24.2	16.5	1	8
ΣUN1017	A2	13	41 27N	47 20W	64- IX - 8	P	1915-0545	21.8	9.0	1	1
ΣUN1021	A2	13	42 24N	46 11W	64- IX - 9	P	1915-0515	21.1	13.5	1	2
ΣUN1024	A2	13	44 7N	44 9W	64- IX -10	P	1910-2320	19.9	14.0	1	2
ΣUN1028	A2	13	45 40N	43 14W	64- IX -12	P	0145-0540	15.9	7.0	1	1
ΣUN1034	A2	13	47 16N	40 56W	64- IX -13	P	1910-2320	17.1	12.6	1	2
ΣUN1035	A2	13	46 16N	35 29W	64- IX -17	P	1955-2210	16.6	12.0	1	2
ΣUN1043	A2	13	39 28N	31 0W	64- IX -25	0	1920-2332	21.2	13.5	1	4
ΣUN1044	A2	13	39 37N	31 10W	64- IX -26	0	0030-0555	21.0	17.5	1	4
ΣUN1045	A2	13	39 34N	33 37W	64- IX -26	0	1930-2325	21.1	13.5	1	4
ΣUN1047	A2	13	39 25N	36 56W	64- IX -27	0	1950-2255	22.0	14.5	1	4
ΣUN1052	A2	13	39 19N	47 45W	64- IX -30	P	2014-2220	23.6	17.5	1	8
ΣUN1104	CH	49	14 27N	62 29W	65- VI -13	0	1945-2340	.0	.0	1	14
ΣUN1109	CH	49	20 5N	70 21W	65- VI -16	0	1935-2240	.0	.0	1	9
ΣUN1112	CH	49	21 45N	70 19W	65- VI -17	0	2010-2300	.0	.0	1	9
ΣUN1115	CH	49	24 25N	70 21W	65- VI -18	0	2015-2315	27.2	20.0	1	9
ΣUN1116	CH	49	24 37N	70 15W	65- VI -19	0	0110-0400	.0	.0	1	9
ΣUN1119	CH	49	26 22N	70 16W	65- VI -19	0	2035-2320	26.5	18.8	1	8
ΣUN1120	CH	49	26 30N	70 18W	65- VI -20	0	0030-0400	26.3	18.8	1	8
ΣUN1123	CH	49	28 28N	70 19W	65- VI -20	0	2105-2330	26.2	19.5	1	8
ΣUN1124	CH	49	28 36N	70 17W	65- VI -21	0	0050-0330	24.8	18.6	1	8
ΣUN1126	CH	49	31 20N	70 23W	65- VI -21	0	2110-2300	24.8	18.8	1	8

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP	TOWS	PROV.
SUN1127	CH	49	31 28N	70 25W	65-VI-22	0	0030-0325	24.5	18.8	1	8
SUN1129	CH	49	34 12N	70 21W	65-VI-22	0	2145-2345	24.7	18.8	1	8
SUN1130	CH	49	34 18N	70 20W	65-VI-23	0	0100-0300	24.2	18.8	1	8
SUN1132	CH	49	37 18N	70 22W	65-VI-23	0	2110-2345	26.5	19.0	1	8
SUN1133	CH	49	37 29N	70 6W	65-VI-24	0	0130-0300	26.5	19.2	1	8
SUN1201	A2	20	14 47N	54 49W	66-II-12	0	2030-2300	.0	.0	1	12
SUN1204	A2	20	10 40N	35 43W	66-II-21	P	1915-2355	25.4	.0	1	15
SUN1205	A2	20	10 54N	36 3W	66-II-23	0	0030-0315	25.2	.0	1	15
SUN1207	A2	20	9 16N	27 55W	66-II-26	0	0015-0310	26.0	.0	1	16
SUN1208	A2	20	5 11N	23 31W	66-II-27	0	1810-2050	27.3	.0	1	16
SUN1210	A2	20	6 40N	19 40W	66-II-28	0	1930-2130	27.6	.0	1	16
SUN1212	A2	20	1 24N	45 24W	66-IV-9	P	0050-0335	.0	.0	1	15
SUN1214	A2	20	1 3N	44 31W	66-IV-9	P	2355-0305	.0	.0	1	15
SUN1215	A2	20	1 12N	44 47W	66-IV-10	P	0045-0315	.0	.0	1	15
SUN1216	A2	20	1 12N	44 39W	66-IV-11	P	2035-2400	.0	.0	1	15
SUN1217	A2	20	7 29N	45 44W	66-IV-15	P	0045-0330	.0	.0	1	15
SUN1219	A2	20	9 36N	40 37W	66-IV-19	P	0010-0325	.0	.0	1	15
SUN1222	A2	20	13 55N	57 0W	66-IV-29	0	2312-0145	.0	.0	1	12
SUN1253	CH	60	16 38N	64 27W	66-V-25	0	0030-0400	26.8	18.4	1	14
SUN1273	CH	60	12 58N	78 24W	66-VI-4	R	2005-2255	28.1	16.8	1	14
SUN1274	CH	60	13 7N	78 23W	66-VI-5	R	0030-0330	28.0	17.0	1	14
SUN1276	CH	60	16 5N	77 50W	66-VI-5	R	2018-2253	27.4	22.5	1	14
SUN1285	CH	60	19 40N	82 58W	66-VI-9	R	2020-2255	27.3	20.7	1	14
SUN1286	CH	60	19 46N	83 7W	66-VI-10	R	0025-0500	27.2	20.6	1	14
SUN1289	CH	60	21 11N	85 12W	66-VI-10	S	2015-2300	28.0	19.2	1	14

WHOI NEUSTON COLLECTION DATA 1964-1974

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP	TOWS	PROV.
ΣUN1290	CH	60	21 17N	85 22W	66-VI-11	S	0025-0355	27.5	19.0	1	14
ΣUN1291	CH	60	22 54N	91 36W	66-VI-12	S	1816-2355	27.9	15.7	1	13
ΣUN1294	CH	60	20 48N	95 48W	66-VI-17	S	2015-2245	28.8	14.0	1	13
ΣUN1296	CH	60	23 6N	94 53W	66-VI-18	S	2010-2230	29.0	15.0	1	13
ΣUN1297	CH	60	23 13N	94 50W	66-VI-18	S	0000-0350	28.8	15.9	1	13
ΣUN1300	CH	60	24 32N	93 16W	66-VI-19	S	2020-2300	28.4	20.7	1	13
ΣUN1302	CH	60	25 48N	91 40W	66-VI-20	S	2051-2300	28.1	14.1	1	13
ΣUN1303	CH	60	25 51N	91 30W	66-VI-21	S	0040-0350	28.0	13.9	1	13
ΣUN1306	CH	60	26 57N	90 8W	66-VI-21	S	2013-2256	27.9	13.7	1	13
ΣUN1307	CH	60	27 1N	90 24	66-VI-22	S	0008-0400	27.5	13.5	1	13
ΣUN1309	CH	60	26 31N	88 48W	66-VI-22	S	2012-2245	28.5	13.0	1	13
ΣUN1312	CH	60	23 53N	83 22W	66-VI-24	S	1938-2237	28.3	12.8	1	23
ΣUN1313	CH	60	23 55N	83 12W	66-VI-25	S	0034-0320	28.3	13.2	1	23
ΣUN1314	CH	60	25 31N	79 46W	66-VI-25	R	2018-2253	28.4	16.5	1	23
ΣUN1315	CH	60	25 46N	79 47W	66-VI-25	R	0001-0400	28.4	16.7	1	23
ΣUN1316	CH	60	29 53N	79 24W	66-VI-26	R	2010-2310	26.7	18.7	1	8
ΣUN1317	CH	60	37 56N	72 25W	66-VI-28	R	2142-0350	19.1	7.9	1	1
ΣUN1421	A2	31	10 20S	30 32W	67-II-28	0	1750-2350	0.0	0.0	1	17
ΣUN1422	A2	31	12 16S	31 24	67-III-1	0	2000-2330	0.0	0.0	1	17
ΣUN1425	A2	31	16 7S	29 59W	67-III-3	0	1935-2355	0.0	0.0	1	17
ΣUN1427	A2	31	18 10S	29 40W	67-III-5	0	1910-2310	0.0	0.0	1	17
ΣUN1428	A2	31	18 21S	29 39W	67-III-5	0	1910-2310	0.0	0.0	1	17
ΣUN1431	A2	31	23 2S	32 15W	67-III-9	0	0000-0938	0.0	0.0	4	17
ΣUN1435	A2	31	27 49S	38 18W	67-III-12	P	0045-0435	0.0	0.0	1	17
ΣUN1436	A2	31	27 55S	38 26W	67-III-12	P	0045-0435	0.0	0.0	1	17

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP	200M TEMP	TOMS	PROV.
SUN1437	A2	31	30 36S	41 56W	67-III -13	P	1900-2049	.0	.0	1	17
SUN1438	A2	31	32 53S	46 6W	67-III -16	P	0030-0420	.0	.0	1	17
SUN1441	A2	31	36 45S	53 6W	67-III -18	P	2315-0245	.0	.0	1	20
SUN1442	A2	31	36 39S	53 13W	67-III -19	P	2315-0245	.0	.0	1	20
SUN1503	CH	72	39 10N	67 20W	67-VIII-24	Q	2250-0045	25.8	12.0	1	3
SUN1505	CH	72	37 40N	66 50W	67-VIII-25	Q	2325-0045	28.2	17.1	1	8
SUN1506	CH	72	37 37N	66 43W	67-VIII-26	Q	0125-0230	28.0	18.0	1	8
SUN1509	CH	72	35 35N	67 17W	67-VIII-26	Q	2305-0110	28.1	18.3	1	8
SUN1510	CH	72	35 31N	67 17S	67-VIII-27	Q	0120-0238	28.0	18.5	1	8
SUN1513	CH	72	35 47N	67 33W	67-VIII-27	Q	2330-0030	27.2	18.1	1	8
SUN1516	CH	72	38 3N	68 35W	67-VIII-29	Q	0220-0530	28.5	18.0	1	8
SUN1519	CH	72	39 2N	69 35W	67-VIII-30	Q	2110-2210	24.5	11.1	1	3
SUN1520	CH	72	38 56N	69 32W	67-VIII-30	Q	2245-0015	25.1	10.8	1	3
SUN1521	CH	72	38 51N	69 28W	67-VIII-31	Q	0105-0255	25.1	10.8	1	3
SUN1522	CH	72	38 51N	69 38W	67-VIII-31	Q	0400-0505	25.8	11.5	1	3
SUN1523	CH	72	38 52N	69 46W	67-VIII-31	Q	0545-0745	25.2	11.3	1	3
SUN1703	CH	85	30 45N	67 25W	68- XI -27	R	0000-0826	22.5	19.2	12	3
SUN1704	CH	85	30 30N	67 27W	68- XI -27	R	0000-0712	22.5	19.3	10	3
SUN1705	CH	85	30 16N	67 34W	68- XI -28	R	0000-0647	22.5	19.3	10	3
SUN1706	CH	85	30 10N	67 32W	68- XI -28	R	0000-0200	22.6	19.2	2	8
SUN1708	CH	85	25 37N	67 23W	68- XI -29	R	0000-0847	25.5	19.2	14	9
SUN1709	CH	85	25 26N	67 25W	68- XI -29	R	0000-0625	26.2	18.8	10	9
SUN1710	CH	95	25 21N	67 27W	68- XI -30	R	0000-0322	.0	.0	8	9
SUN1711	CH	85	25 14N	67 32W	68- XI -30	R	0000-0322	.0	.0	8	9
SUN1712	CH	85	25 11N	67 41W	68- XI -30	R	0000-0616	26.6	18.8	10	9

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200P TEMP	TONS	PROV.
SUN1713	CH	85	25 5N	67 42W	68-XI-30	R	0000-0621	26.5	18.8	12	9
SUN1716	CH	85	23 24N	67 30W	68-XII-1	R	0000-1607	26.0	18.1	15	9
SUN1717	CH	85	23 0N	67 29W	68-XII-2	R	0000-0430	26.0	18.1	4	9
SUN1718	CH	95	22 51N	67 30W	68-XII-2	R	0000-0300	25.9	18.2	4	9
SUN1720	CH	85	23 56N	67 32W	68-XII-2	R	0000-0340	25.8	18.2	5	9
SUN1721	CH	85	24 2N	67 31W	68-XII-2	R	0000-0256	25.8	18.5	6	9
SUN1722	CH	85	25 41N	67 35W	68-XII-5	R	0000-0740	25.1	18.7	6	9
SUN1726	CH	85	26 41N	67 31W	68-XII-6	R	0000-0321	23.2	18.8	8	9
SUN1727	CH	95	26 46N	67 32W	68-XII-6	R	0000-0420	23.3	18.6	6	8
SUN1728	CH	95	26 53N	67 33W	68-XII-7	R	0000-0440	23.3	18.5	2	8
SUN1729	CH	95	27 5N	67 31W	68-XII-7	R	0000-0200	23.3	18.3	2	8
SUN1731	CH	85	28 2N	67 33W	68-XII-7	R	0000-0300	24.1	18.6	4	8
SUN1732	CH	85	28 9N	67 32W	68-XII-7	R	0000-0350	23.8	18.8	4	8
SUN1733	CH	95	28 17N	67 34W	68-XII-8	R	0000-0345	23.9	18.5	4	8
SUN1736	CH	85	28 35N	67 24W	68-XII-8	R	0000-0255	23.0	18.5	3	8
SUN1737	CH	85	28 45N	67 26W	68-XII-8	R	0000-0325	23.0	18.6	5	8
SUN1740	CH	85	31 31N	67 31W	68-XII-10:	R	0000-0411	21.6	18.7	8	8
SUN1741	CH	85	31 35N	67 34W	68-XII-10:	R	0000-0420	21.5	18.7	10	8
SUN1604	A2	49	34 21N	26 0E	69-V-11:	B	0000-1008	18.8	14.7	16	7
SUN1605	A2	49	34 11N	27 54E	69-V-12:	B	0000-0829	18.7	14.7	12	7
SUN1607	A2	49	34 2N	26 19E	69-V-12:	B	0000-0844	18.7	14.9	14	7
SUN1608	A2	49	34 1N	26 4E	69-V-13:	B	0000-0620	18.6	14.6	4	7
SUN1812	A2	49	33 54N	22 48E	69-V-14:	B	0000-0830	18.5	14.5	12	7
SUN1813	A2	49	33 52N	22 33E	69-V-15:	B	0000-0800	18.5	14.8	8	7
SUN1815	A2	49	33 47N	21 56E	69-V-15:	B	0000-0025	18.8	15.1	1	7

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP	200M TEMP	TOMS	PROV.
ΣUN1816	A2	49	33 46N	21 47E	69- V -15	B	0000-0725	18.8	15.1	13	7
ΣUN1817	A2	49	33 44N	21 30E	69- V -16:	B	0000-0631	18.8	15.0	10:	7
ΣUN1820	A2	49	33 36N	20 36E	69- V -16:	B	0000-1118	20.6	15.0	20	7
ΣUN1821	A2	49	33 34N	20 18E	69- V -17:	B	0000-0800	20.3	14.9	8	7
ΣUN1823	A2	49	33 24N	20 0E	69- V -17:	B	0000-0932	20.1	15.2	16	7
ΣUN1824	A2	49	33 21N	19 44E	69- V -18:	B	0000-0813	20.2	15.4	14:	7
ΣUN1826	A2	49	35 38N	17 30E	69- V -19:	B	0000-0749	20.1	14.6	14	7
ΣUN1827	A2	49	35 55N	17 20E	69- V -20	B	0000-0545	19.8	14.5	8	7
ΣUN1830	A2	49	39 8N	14 33E	69- V -22	A	0000-0940	20.9	14.3	20	7
ΣUN1831	A2	49	39 19N	14 17E	69- V -23	A	0000-0535	20.2	14.4	7	7
ΣUN1832	A2	49	40 3N	13 56E	69- V -23	A	0000-1130	20.4	14.2	14:	7
ΣUN1833	A2	49	40 16N	13 49E	69- V -24	A	0000-0800	20.0	14.2	8	7
ΣUN1834	A2	49	40 32N	13 42E	69- V -27	A	0000-0300	21.4	14.4	6	7
ΣUN1835	A2	49	40 42N	13 4E	69- V -28:	A	0000-0400	20.9	14.4	10:	7
ΣUN1838	A2	49	41 19N	8 11E	69- V -29	A	0000-0810	19.1	13.4	7	6
ΣUN1839	A2	49	41 19N	7 59E	69- V -30	A	0000-0650	19.2	13.4	8	6
ΣUN1841	A2	49	40 29N	7 4E	69- V -30	A	0000-0720	19.2	13.3	8	6
ΣUN1842	A2	49	40 20N	6 57E	69- V -31	A	0000-0820	19.0	13.3	8	6
ΣUN1847	A2	49	39 57N	6 43E	69- V -31	A	0000-0700	19.2	13.3	7	6
ΣUN1848	A2	49	38 31N	3 51E	69- VI - 2	A	0000-0645	19.2	13.3	7	6
ΣUN1849	A2	49	38 26N	3 35E	69- VI - 3	A	0000-1030	19.2	13.3	12:	6
ΣUN1852	A2	49	38 2N	2 10E	69- VI - 3	A	0000-0645	19.4	13.1	6	6
ΣUN1853	A2	49	37 57N	2 2E	69- VI - 4	A	0000-1330	19.3	13.1	12	6
ΣUN1854	A2	49	37 26N	0 44E	69- VI - 4	A	0000-0840	19.3	13.1	8	6
ΣUN1855	A2	49	37 18N	0 28E	69- VI - 5	A	0000-1100	19.3	13.1	12:	6

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP	200M TEMP	TOMS	PROV.
SUN1857	A2	49	36 55N	0 16W	69- VI - 5	A	0000-1000	19.7	12.8	8	6
SUN1858	A2	49	36 47N	0 28W	69- VI - 6	A	0000-1100	19.5	12.7	12	6
SUN1861	A2	49	36 29N	1 32W	69- VI - 7	A	0000-1120	19.6	13.0	12	6
SUN1862	A2	49	36 16N	3 57W	69- VI - 8	A	0000-0630	18.8	13.2	6	6
SUN1863	A2	49	36 16N	4 14W	69- VI - 8	A	0000-0540	19.4	13.2	8	6
SUN1864	A2	49	36 3N	5 17W	69- VI - 8	A	0000-0220	18.0	13.2	4	6
SUN1865	A2	49	36 2N	5 18W	69- VI - 8	A	0000-0400	18.3	13.1	4	6
SUN1868	A2	49	36 14N	6 44W	69- VI -10	A	0000-1040	19.4	14.0	8	5
SUN1869	A2	49	36 16N	8 29W	69- VI -14	A	0000-0550	19.7	14.3	8	5
SUN1870	A2	49	36 20N	8 41W	69- VI -15	A	0000-0600	19.5	14.3	8	5
SUN1871	A2	49	36 22N	8 49W	69- VI -15	Z	0000-0640	19.3	14.3	8	5
SUN1873	A2	49	36 38N	9 34W	69- VI -15	Z	0000-0550	19.7	13.9	8	5
SUN1874	A2	49	36 41N	9 41W	69- VI -15	Z	0000-0340	19.3	14.0	4	5
SUN1875	A2	49	36 45N	9 50W	69- VI -16	Z	0000-0620	19.4	14.2	8	5
SUN1876	A2	49	36 46N	9 52W	69- VI -16	Z	0000-0720	19.2	14.2	4	5
SUN1877	A2	49	36 53N	11 30W	69- VI -16	Z	0000-0415	19.2	14.4	6	5
SUN1878	A2	49	36 48N	11 36W	69- VI -16	Z	0000-0030	18.9	14.3	2	5
SUN1879	A2	49	36 43N	11 41W	69- VI -17	Z	0000-0150	18.5	14.2	2	5
SUN1880	A2	49	36 38N	11 46W	69- VI -17	Z	0000-0140	18.5	14.2	2	5
SUN1882	A2	49	35 18N	13 32W	69- VI -17	Z	0000-0519	19.2	14.2	8	5
SUN1883	A2	49	35 15N	13 38W	69- VI -17	Z	0000-0500	18.9	14.4	8	5
SUN1884	A2	49	35 9N	13 43W	69- VI -18	Z	0000-0620	18.9	14.4	8	5
SUN1885	A2	49	35 4N	13 48W	69- VI -18	Z	0000-0400	18.8	14.4	8	5
SUN1887	A2	49	34 29N	13 55W	69- VI -18	Z	0000-0540	19.6	15.6	8	10
SUN1888	A2	49	34 25N	13 56W	69- VI -18	Z	0000-0440	19.7	15.7	8	10

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP	TONS	PROV.
SUN1889	A2	49	34 18N	14 0W	69-VI-19	Z	0000-0700	19.6	15.8	4	10
SUN1891	A2	49	32 1N	15 16W	69-VI-19	N	0000-0700	20.1	15.9	8	10
SUN1892	A2	49	31 53N	15 21W	69-VI-19	N	0000-0620	20.0	15.9	8	10
SUN1897	A2	49	31 45N	15 24W	69-VI-20	N	0000-0810	19.8	16.0	10	10
SUN1895	A2	49	31 47N	15 58W	69-VI-20	N	0000-0615	19.8	16.2	7	10
SUN1896	A2	49	31 50N	16 3W	69-VI-20	N	0000-0540	20.1	16.4	8	10
SUN1897	A2	49	31 53N	16 10W	69-VI-21	N	0000-0545	20.3	16.2	7	10
SUN1900	A2	49	32 57N	17 31W	69-VI-21	N	0000-0400	20.0	15.6	5	10
SUN1901	A2	49	33 0N	17 36W	69-VI-21	N	0000-0400	19.9	15.4	6	10
SUN1902	A2	49	33 3N	17 40W	69-VI-22	N	0000-0500	20.1	15.5	6	10
SUN1903	A2	49	33 6N	17 46W	69-VI-22	N	0000-0230	20.1	15.6	3	10
SUN1907	A2	49	33 49N	18 55W	69-VI-22	N	0000-0445	19.9	15.8	6	10
SUN1908	A2	49	33 51N	19 0W	69-VI-22	N	0000-0500	19.9	15.6	6	10
SUN1909	A2	49	33 54N	19 6W	69-VI-23	N	0000-0500	20.0	15.6	6	10
SUN1910	A2	49	33 57N	19 10W	69-VI-23	N	0000-0245	19.8	15.7	3	10
SUN1912	A2	49	34 40N	20 25W	69-VI-23	N	0000-0500	19.8	16.4	6	10
SUN1913	A2	49	34 43N	20 30W	69-VI-23	N	0000-0415	19.8	16.2	6	10
SUN1914	A2	49	34 48N	20 36W	69-VI-24	N	0000-0645	20.0	16.0	6	10
SUN1915	A2	49	35 26N	21 39W	69-VI-24	N	0000-0430	19.3	13.8	6	4
SUN1916	A2	49	35 30N	21 46W	69-VI-24	N	0000-0415	19.3	14.0	6	4
SUN1917	A2	49	35 34N	21 54W	69-VI-25	N	0000-0330	19.1	14.0	3	4
SUN1918	A2	49	35 36N	22 5W	69-VI-25	N	0000-0330	19.0	14.0	3	4
SUN1920	A2	49	36 23N	23 35W	69-VI-25	N	0000-0400	20.0	14.4	6	4
SUN1921	A2	49	36 27N	23 42W	69-VI-25	N	0000-0415	19.8	13.8	6	4
SUN1922	A2	49	36 32N	23 49W	69-VI-26	N	0000-0036	19.8	13.6	3	4

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP	200M TEMP	TOWS	PROV.
SUN1525	A2	49	37 57N	26 23W	69-VI-26	N	0000-0200	19.9	13.5	4	4
SUN1526	A2	49	38 1N	26 25W	69-VI-26	N	0000-0330	19.5	13.2	6	4
SUN1527	A2	49	38 7N	26 30W	69-VI-27	N	0000-0740	19.2	13.2	4	4
SUN1528	A2	49	38 5N	26 29W	69-VI-27	N	0000-0200	19.5	13.6	2	4
SUN1529	A2	49	37 29N	37 36W	69-VII-2	0	0000-0200	21.7	14.8	2	4
SUN1530	A2	49	38 46N	42 21W	69-VII-3	0	0000-0133	22.4	15.4	1	2
SUN1533	A2	49	39 57N	48 44W	69-VII-5	P	0000-0250	22.5	15.0	2	8
SUN1534	A2	49	39 57N	48 49W	69-VII-5	P	0000-0150	22.5	14.1	2	3
SUN1542	A2	49	40 20N	66 6W	69-VII-10	0	0000-0045	22.8	10.8	1	3
SUN1543	A2	49	40 19N	66 12W	69-VII-10	0	0000-0045	22.7	11.0	1	3
SUN2006	A2	59	29 9N	15 46W	70-XI-3	Z	0000-0347	22.4	15.8	9	10
SUN2007	A2	59	29 4N	15 44W	70-XI-3	Z	0000-0501	22.4	15.8	6	10
SUN2008	A2	59	28 58N	15 43W	70-XI-4	Z	0000-0500	22.4	15.8	6	10
SUN2009	A2	59	27 59N	18 22W	70-XI-4	Z	0000-0100	22.1	15.5	1	11
SUN2010	A2	59	27 59N	18 28W	70-XI-5	Z	0000-0415	22.2	15.6	6	11
SUN2011	A2	59	27 59N	18 34W	70-XI-5	Z	0000-0445	22.3	15.4	3	11
SUN2012	A2	59	28 0N	18 40W	70-XI-5	Z	0000-0415	22.5	15.4	3	11
SUN2014	A2	59	27 38N	19 46W	70-XI-5	Z	0000-0500	22.5	16.7	3	11
SUN2015	A2	59	27 35N	19 50W	70-XI-5	Z	0000-0330	23.0	16.7	3	11
SUN2016	A2	59	27 30N	19 57W	70-XI-6	Z	0000-0230	23.2	16.7	3	11
SUN2017	A2	59	27 28N	20 0W	70-XI-6	Z	0000-0515	23.2	16.8	3	11
SUN2020	A2	59	26 19N	21 44W	70-XI-6	Z	0000-0545	23.8	17.0	3	11
SUN2023	A2	59	24 46N	22 54W	70-XI-8	N	0000-0500	24.0	17.3	3	11
SUN2024	A2	59	24 40N	22 40W	70-XI-8	N	0000-0515	24.0	17.3	3	11
SUN2027	A2	59	24 5N	21 55W	70-XI-8	N	0000-0400	23.7	17.4	3	11

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP	TOWS	PROV.
SUN2028	A2	59	24 3N	21 49W	70- XI - 8	N	0000-0300	23.8	18.4	2	11
SUN2029	A2	59	24 0N	21 44W	70- XI - 9	N	0000-0320	23.8	18.4	2	11
SUN2030	A2	59	23 57N	21 38W	70- XI - 9	N	0000-0250	23.8	18.4	2	11
SUN2032	A2	59	22 58N	19 57W	70- XI - 9	N	0000-0430	21.4	16.2	3	11
SUN2033	A2	59	22 54N	19 51W	70- XI -10	N	0000-0230	21.5	16.2	3	11
SUN2034	A2	59	22 50N	19 42W	70- XI -10	N	0000-0515	22.3	16.1	3	11
SUN2036	A2	59	21 46N	18 1W	70- XI -11	N	0000-0415	20.0	15.1	3	18
SUN2037	A2	59	21 40N	18 5W	70- XI -11	N	0000-0515	20.0	15.1	3	18
SUN2038	A2	59	21 35N	18 9W	70- XI -11	N	0000-0430	20.0	15.1	3	18
SUN2044	A2	59	20 13N	18 15W	70- XI -11	N	0000-0245	21.4	13.2	3	19
SUN2045	A2	59	20 7N	18 15W	70- XI -12	N	0000-0500	21.4	13.4	3	19
SUN2046	A2	59	20 1N	18 15W	70- XI -12	N	0000-0500	22.0	14.0	3	19
SUN2048	A2	59	18 0N	16 27W	70- XI -12	N	0000-0415	25.1	17.6	3	19
SUN2050	A2	55	17 48N	18 28W	70- XI -13	N	0000-0340	25.5	12.6	3	19
SUN2055	A2	59	16 28N	19 45W	70- XI -14	N	0000-0330	25.8	12.0	2	19
SUN2056	A2	59	16 27N	19 52W	70- XI -14	N	0000-0140	25.9	12.0	1	19
SUN2066	A2	59	15 38N	24 39W	70- XI -19	0	0000-0200	24.4	12.9	2	16
SUN2067	A2	59	15 34N	24 39W	70- XI -20	0	0000-0500	24.5	12.4	3	16
SUN2068	A2	59	15 28N	24 33W	70- XI -20	0	0000-0320	24.6	12.6	2	16
SUN2069	A2	59	15 23N	24 28W	70- XI -20	0	0000-0320	24.6	12.6	2	16
SUN2076	A2	59	15 27N	26 12W	70- XI -24	0	0000-0200	26.0	12.6	2	16
SUN2077	A2	59	15 30N	26 12W	70- XI -24	0	0000-0200	26.1	12.6	2	16
SUN2078	A2	59	15 43N	26 28W	70- XI -25	0	0000-0230	26.1	12.6	2	16
SUN2081	A2	59	16 52N	27 37W	70- XI -25	0	0000-0200	24.6	13.6	2	16
SUN2082	A2	59	16 55N	27 41W	70- XI -25	0	0000-0230	24.8	13.7	2	16

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP	TOWS	PROV.
SUN2083	A2	59	17 8N	27 55W	70-XI-26	0	0000-0350	24.8	14.0	2	11
SUN2084	A2	59	17 12N	27 59W	70-XI-26	0	0000-0250	24.8	14.2	2	11
SUN2085	A2	59	18 22N	29 7W	70-XI-26	0	0000-0200	24.8	15.2	2	11
SUN2086	A2	59	18 29N	29 13W	70-XI-26	0	0000-0250	24.8	15.2	2	11
SUN2088	A2	59	19 53N	30 28W	70-XI-27	0	0000-0400	24.8	18.0	2	11
SUN2089	A2	59	22 1N	32 42W	70-XI-29	0	0000-0320	24.8	18.2	2	11
SUN2090	A2	59	22 6N	32 45W	70-XI-29	0	0000-0330	24.8	18.2	2	11
SUN2092	A2	59	23 32N	34 20W	70-XI-29	0	0000-0230	24.8	17.6	2	11
SUN2093	A2	59	23 35N	34 24W	70-XI-29	0	0000-0200	24.8	17.6	2	11
SUN2095	A2	59	25 52N	36 48W	70-XI-30	0	0000-0330	23.9	18.6	2	11
SUN2096	A2	59	26 12N	37 41W	70-XII-1	0	0000-0240	23.9	18.2	2	11
SUN2097	A2	59	26 13N	37 47W	70-XII-1	0	0000-0300	24.0	18.2	2	11
SUN2099	A2	59	26 34N	40 50W	70-XII-2	0	0000-0300	24.3	17.8	3	11
SUN2100	A2	59	26 34N	40 56W	70-XII-2	0	0000-0320	24.3	17.8	2	11
SUN2101	A2	59	26 37N	41 18W	70-XII-3	P	0000-0340	24.2	18.2	2	11
SUN2102	A2	59	26 37N	41 35W	70-XII-3	P	0000-0310	24.0	18.2	2	11
SUN2103	A2	59	26 57N	42 53W	70-XII-3	P	0000-0430	24.1	18.0	2	11
SUN2104	A2	59	27 12N	43 39W	70-XII-4	P	0000-0420	23.9	17.7	2	11
SUN2105	A2	59	27 11N	43 46W	70-XII-5	P	0000-0330	23.9	17.7	2	11
SUN2106	A2	59	27 15N	43 56W	70-XII-5	P	0000-0500	23.8	17.8	2	11
SUN2107	A2	59	27 15N	43 49W	70-XII-6	P	0000-0240	23.8	17.8	2	11
SUN2108	A2	59	27 32N	44 55W	70-XII-8	P	0000-0350	24.2	18.0	2	9
SUN2110	A2	59	28 22N	46 58W	70-XII-8	P	0000-0300	24.3	17.6	2	9
SUN2111	A2	59	28 27N	46 59W	70-XII-9	P	0000-0330	24.1	17.6	2	9
SUN2112	A2	59	28 31N	47 0W	70-XII-9	P	0000-0310	23.6	17.6	2	9

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M. TEMP.	TOWS	PROV.
SUN2217	A2	59	33 43N	47 45W	70-XII -10:	0	0000-0100	20.4	16.9	1	8
SUN2200	A2	60	35 2S	48 46W	71- IV - 4	P	0000-0245	21.1	16.2	3	17
SUN2201	A2	60	35 0S	48 38W	71- IV - 5	P	0000-0200	21.1	16.2	2	17
SUN2202	A2	60	34 9S	42 53W	71- IV - 6	P	0000-0215	22.0	16.2	3	17
SUN2203	A2	60	34 8S	42 49W	71- IV - 6	P	0000-0140	21.8	16.1	2	17
SUN2204	A2	60	34 6S	42 44W	71- IV - 7	P	0000-0545	21.7	16.0	6	17
SUN2205	A2	60	33 13S	39 10W	71- IV - 8	P	0000-0430	22.9	16.5	6	17
SUN2206	A2	60	33 15S	39 4W	71- IV - 9	P	0000-0150	22.9	16.2	2	17
SUN2207	A2	60	33 15S	39 1W	71- IV - 9	P	0000-0150	22.9	16.0	2	17
SUN2208	A2	60	32 59S	35 15W	71- IV - 9	P	0000-0230	21.8	15.3	3	17
SUN2209	A2	60	32 59S	35 12W	71- IV - 9	P	0000-0215	21.8	15.2	3	17
SUN2210	A2	60	32 59S	35 8W	71- IV -10:	0	0000-0515	21.7	15.0	3	17
SUN2211	A2	60	32 58S	30 35W	71- IV -11:	0	0000-0415	22.7	15.0	3	17
SUN2212	A2	60	32 57S	30 26W	71- IV -12:	0	0000-0140	22.7	15.0	2	17
SUN2213	A2	60	32 56S	30 23W	71- IV -12:	0	0000-0150	22.7	15.1	2	17
SUN2214	A2	60	33 0S	27 2W	71- IV -12:	0	0000-0150	22.5	14.8	2	17
SUN2215	A2	60	33 0S	26 56W	71- IV -13:	0	0000-0200	23.0	15.0	2	17
SUN2216	A2	60	32 49S	26 26W	71- IV -14:	0	0000-0140	22.8	15.0	2	17
SUN2217	A2	60	34 3S	22 48W	71- IV -14:	0	0000-0150	22.0	15.3	2	17
SUN2218	A2	60	34 1S	22 45W	71- IV -15:	0	0000-0150	22.2	14.9	2	17
SUN2219	A2	60	35 18S	18 39W	71- IV -16:	0	0000-0240	20.0	14.3	2	17
SUN2221	A2	60	36 2S	16 12W	71- IV -17:	N	0000-0140	19.1	13.9	2	17
SUN2222	A2	60	36 1S	16 7W	71- IV -18:	N	0000-0206	19.1	13.9	2	17
SUN2225	A2	60	35 50S	2 32W	71- IV -22	Z	0000-0130	18.0	13.3	2	17
SUN2226	A2	60	35 50S	2 29W	71- IV -22	Z	0000-0130	18.0	13.2	2	17

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP.	TOWS	PROV.
SUN2227	A2	60	35 49S	2 25W	71- IV -22	Z	0000-0210	17.9	13.1	2	17
SUN2228	A2	60	35 49S	2 20W	71- IV -22	Z	0000-0220	17.8	12.9	2	22
SUN2229	A2	60	35 50S	2 16W	71- IV -23	Z	0000-0520	17.7	12.8	4	22
SUN2230	A2	60	35 50S	2 9W	71- IV -23	Z	0000-0450	17.7	12.7	6	22
SUN2231	A2	60	35 42S	0 46E	71- IV -24	Z	0000-0320	17.7	12.4	4	22
SUN2232	A2	60	35 43S	0 52E	71- IV -25	Z	0000-0140	17.4	12.7	2	22
SUN2233	A2	60	35 43S	0 55E	71- IV -25	Z	0000-0210	17.2	13.0	2	17
SUN2234	A2	60	35 30S	4 39E	71- IV -25	Z	0000-0130	17.8	12.8	2	22
SUN2235	A2	60	35 30S	4 43E	71- IV -25	Z	0000-0110	17.8	13.4	2	17
SUN2236	A2	60	35 31S	4 47E	71- IV -26	Z	0000-0140	17.8	13.9	2	17
SUN2237	A2	60	35 20S	7 22E	71- IV -26	Z	0000-0330	16.0	12.4	4	22
SUN2238	A2	60	35 19S	7 30E	71- IV -27	Z	0000-0420	16.5	12.3	4	22
SUN2239	A2	60	35 10S	11 21E	71- IV -27	Z	0000-0130	17.3	14.5	2	17
SUN2240	A2	60	35 10S	11 24E	71- IV -27	Z	0000-0140	17.8	14.6	2	17
SUN2241	A2	60	35 10S	11 27E	71- IV -28	A	0000-0730	18.2	14.8	2	17
SUN2242	A2	60	34 59S	14 28C	71- IV -28	A	0000-0310	17.9	13.2	4	17
SUN2243	A2	60	34 59S	14 32E	71- IV -29	A	0000-0200	18.0	12.7	2	21
SUN2244	A2	60	34 58S	14 36E	71- IV -29	A	0000-0210	18.0	12.2	2	21
SUN2245	A2	50	36 3S	17 7E	71- IV -30	A	0000-0330	18.0	14.4	4	17
SUN2246	A2	60	36 3S	17 10E	71- IV -30	A	0000-0110	18.7	13.6	2	17
SUN2247	A2	60	35 59S	17 15E	71- V - 1	A	0000-0340	19.4	12.7	2	21
SUN2248	A2	60	35 56S	17 20E	71- V - 1	A	0000-0650	20.1	11.8	4	21
SUN2256	A2	60	31 54S	9 50E	71- V -12	A	0000-0400	17.7	16.1	1	17
SUN2258	A2	60	30 49S	6 39E	71- V -13	A	0000-0400	18.9	14.0	1	17
SUN2260	A2	60	28 56S	2 42E	71- V -15	Z	0000-0400	19.5	13.3	1	17

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP	200M TEMP	TONS	PROV.
SUN2262	A2	60	27 31S	0 23W	71-V -16:	Z	0000-0400	20.8	15.0	1	17
SUN2264	A2	60	26 0S	3 27W	71-V -17:	Z	0000-0330	21.2	15.2	1	17
SUN2266	A2	60	23 53S	8 49W	71-V -19:	Z	0000-0330	23.0	15.5	1	17
SUN2270	A2	60	18 31S	3 55W	71-V -29	Z	0000-0400	21.9	13.6	1	17
SUN2272	A2	60	17 16S	0 48W	71-V -30	Z	0000-0400	21.2	11.9	1	16
SUN2274	A2	60	15 59S	2 2E	71-V -31	Z	0000-0400	22.5	10.9	1	16
SUN2276	A2	60	15 25S	3 7E	71-VI -1	Z	0000-0400	22.4	10.8	1	16
SUN2278	A2	60	14 8S	5 49E	71-VI -2	Z	0000-0400	22.8	10.8	1	16
SUN2280	A2	60	12 47S	8 22E	71-VI -3	Z	0000-0400	23.2	11.6	1	16
SUN2282	A2	60	11 18S	11 2E	71-VI -4	A	0000-0400	25.9	12.5	1	16
SUN2291	A2	60	2 54S	8 6E	71-VI -15.	A	0000-0400	24.5	12.8	1	16
SUN2292	A2	60	0 1N	5 12E	71-VI -17:	A	0000-0400	24.0	14.7	1	16
SUN2295	A2	60	0 27N	17 21W	71-VI -28	N	0000-0445	24.7	13.7	1	16
SUN2300	A2	60	0 10S	34 43W	71-VII -3	0	0000-0545	27.8	13.8	1	15
SUN2503	CH	105	48 52N	46 23W	72-VI -25	0	0000-0230	6.5	3.7	4	1
SUN2504	CH	105	48 51N	46 18W	72-VI -26:	0	0000-0300	6.5	3.7	4	1
SUN2505	CH	105	48 51N	46 12W	72-VI -26	0	0000-0300	6.2	3.4	3	1
SUN2508	CH	105	48 54N	44 13W	72-VI -27	0	0000-0540	7.3	3.4	4	1
SUN2510	CH	105	48 59N	40 44W	72-VI -27	0	0000-0340	12.0	8.4	4	1
SUN2511	CH	105	48 57N	40 35W	72-VI -28	0	0000-0300	12.0	8.4	3	1
SUN2515	CH	105	50 36N	38 28W	72-VI -28:	0	0000-0200	13.9	11.4	2	1
SUN2520	CH	105	51 50N	34 33W	72-VI -30.	0	0000-0400	8.2	5.0	4	1
SUN2521	CH	105	51 47N	34 28W	72-VI -30.	0	0000-0315	8.2	5.0	3	1
SUN2525	CH	105	49 28N	33 4W	72-VII -1	0	0000-0400	14.0	10.3	3	4
SUN2526	CH	105	49 26N	33 2W	72-VII -1	0	0000-0355	13.8	10.3	3	4

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP	TOMS	PROV.
SUN2527	CH	105	49 21N	32 57W	72-VII - 2	0	0000-0110	13.6	10.0	1	4
SUN2528	CH	105	46 33N	31 27W	72-VII - 3	0	0000-0200	18.3	12.2	2	4
SUN2532	CH	105	44 7N	30 36W	72-VII - 3	0	0000-0400	19.1	13.0	3	4
SUN2533	CH	105	43 59N	30 36W	72-VII - 3	0	0000-0245	19.1	13.0	3	4
SUN2535	CH	105	42 26N	30 1W	72-VII - 4	0	0000-0330	19.4	12.7	3	4
SUN2536	CH	105	42 21N	30 0W	72-VII - 4	0	0000-0345	19.6	12.7	3	4
SUN2537	CH	105	42 17N	29 59W	72-VII - 5	0	0000-0345	19.8	12.6	3	4
SUN2540	CH	105	39 55N	29 3W	72-VII - 5	0	0000-0315	21.5	13.2	3	4
SUN2541	CH	105	39 51N	29 0W	72-VII - 5	0	0000-0130	21.7	13.2	3	4
SUN2544	CH	105	37 28N	26 38W	72-VII - 6	0	0000-0300	21.0	14.2	3	4
SUN2545	CH	105	37 23N	26 33W	72-VII - 7	0	0000-0215	16.0	14.0	3	4
SUN2546	CH	105	37 20N	26 30W	72-VII - 7	N	0000-0345	20.9	14.0	3	4
SUN2548	CH	105	35 14N	24 41W	72-VII - 7	N	0000-0245	21.3	15.0	3	10
SUN2549	CH	105	35 8N	24 25W	72-VII - 7	N	0000-0300	21.2	15.4	3	10
SUN2552	CH	105	34 17N	24 5W	72-VII - 8	N	0000-0415	21.0	16.1	3	10
SUN2553	CH	105	34 12N	24 1W	72-VII - 8	N	0000-0315	21.0	16.1	3	10
SUN2557	CH	105	34 48N	21 22W	72-VII -10	N	0000-0345	20.3	17.3	3	10
SUN2562	CH	105	33 59N	18 13W	72-VII -11	N	0000-0345	19.4	14.5	3	5
SUN2563	CH	105	33 53N	18 11W	72-VII -11	N	0000-0200	20.0	15.6	2	10
SUN2566	CH	105	33 33N	16 16W	72-VII -12	N	0000-0220	19.7	15.3	2	10
SUN2567	CH	105	33 37N	16 12W	72-VII -12	N	0000-0100	19.8	15.2	1	10
SUN2571	CH	105	35 7N	14 50W	72-VII -13	N	0000-0105	19.2	13.6	1	5
SUN2577	CH	105	36 40N	13 19W	72-VII -14	Z	0000-0110	19.0	13.6	1	5
SUN2578	CH	105	36 43N	13 19W	72-VII -14	Z	0000-0100	19.0	13.5	1	5
SUN2585	CH	105	38 23N	11 11W	72-VII -22	Z	0000-0110	20.0	12.7	2	5

WHOI NEUSTON COLLECTION DATA 1964-1974

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP.	TOWS	PROV.
ΣUN2586	CH	105	38 24N	11 16W	72-VII -22	Z	0000-0200	20.0	12.7	2	5
ΣUN2589	CH	105	38 15N	15 5W	72-VII -22	Z	0000-0200	20.8	13.1	2	5
ΣUN2590	CH	105	38 15N	15 11W	72-VII -22	Z	0000-0220	20.9	13.0	2	5
ΣUN2591	CH	105	38 19N	19 24W	72-VII -23	Z	0000-0150	21.6	13.3	2	4
ΣUN2592	CH	105	38 19N	19 31W	72-VII -23	Z	0000-0150	21.7	13.2	2	4
ΣUN2594	CH	105	41 5N	20 44W	72-VII -24	Z	0000-0150	21.2	12.2	2	4
ΣUN2595	CH	105	41 11N	20 44W	72-VII -25	Z	0000-0150	21.3	12.4	2	4
ΣUN2597	CH	105	44 1N	22 11W	72-VII -25	Z	0000-0200	20.5	12.2	2	4
ΣUN2600	CH	105	43 58N	22 10W	72-VII -26	Z	0000-0200	20.6	12.2	2	4
ΣUN2602	CH	105	43 24N	22 3W	72-VII -27	Z	0000-0200	20.9	12.4	2	4
ΣUN2606	CH	105	46 26N	21 45W	72-VII -30	Z	0000-0217	18.3	11.8	2	4
ΣUN2607	CH	105	46 32N	21 42W	72-VII -31	Z	0000-0217	18.1	11.9	2	4
ΣUN2610	CH	105	49 33N	20 50W	72-VII -31	Z	0000-0200	16.1	10.8	2	4
ΣUN2611	CH	105	49 39N	20 47W	72-VIII -1	Z	0000-0125	16.3	11.1	2	4
ΣUN2612	CH	105	49 47N	20 45W	72-VIII -1	Z	0000-0200	16.4	10.5	2	4
ΣUN2614	CH	105	52 32N	19 54W	72-VIII -2	Z	0000-0200	13.2	9.3	2	4
ΣUN2618	CH	105	54 10N	19 57W	72-VIII -2	Z	0000-0200	12.0	9.2	2	4
ΣUN2632	CH	105	58 45N	10 26W	72-VIII -6	Z	0000-0050	12.0	9.2	1	4
ΣUN2633	CH	105	58 47N	10 19W	72-VIII -6	Z	0000-0110	12.0	9.0	1	4
ΣUN2601	A2	78	34 21N	28 34W	73- IX - 4	N	0000-0340	25.3	14.2	4	4
ΣUN2602	A2	78	34 15N	28 39W	73- IX - 5	0	0000-0340	25.3	14.2	4	4
ΣUN2603	A2	78	31 50N	30 37W	73- IX - 5	0	0000-0340	25.4	17.2	4	10
ΣUN2604	A2	78	31 44N	30 41W	73- IX - 6	0	0000-0340	25.4	17.2	4	10
ΣUN2605	A2	78	28 50N	33 0W	73- IX - 6	0	0000-0245	25.8	16.8	3	11
ΣUN2606	A2	78	28 45N	33 8W	73- IX - 7	0	0000-0340	25.8	16.8	4	11

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP	200M TEMP	TOMS	PROV.
SUN2507	A2	78	27 10N	34 24W	73- IX - 7	0	0000-0350	25.8	17.7	4	11
SUN2508	A2	78	27 5N	34 28W	73- IX - 8	0	0000-0340	25.8	17.7	4	11
SUN2509	A2	78	25 20N	35 33W	73- IX - 8	0	0000-0255	25.3	17.9	4	11
SUN2510	A2	78	25 25N	35 41W	73- IX - 9	0	0000-0350	25.0	17.8	4	11
SUN2511	A2	78	23 24N	36 20W	73- IX - 9	0	0000-0350	25.4	18.0	4	11
SUN2512	A2	78	23 19N	36 22W	73- IX -10:	0	0000-0350	25.5	18.7	4	11
SUN2513	A2	78	20 36N	37 22W	73- IX -10:	0	0000-0350	25.8	19.0	4	11
SUN2514	A2	78	20 30N	37 24W	73- IX -11:	0	0000-0350	25.8	19.0	4	11
SUN2515	A2	78	18 32N	38 2W	73- IX -11:	0	0000-0255	26.1	17.6	3	11
SUN2516	A2	78	18 23N	38 5W	73- IX -12:	0	0000-0420	26.1	17.6	4	11
SUN2517	A2	78	17 10N	38 34W	72- IX -12:	0	0000-0400	26.2	16.8	4	11
SUN2518	A2	78	17 4N	38 38W	73- IX -13:	0	0000-0650	26.2	16.8	8	11
SUN2519	A2	78	14 37N	39 29W	73- IX -13:	0	0000-0350	26.4	16.0	4	11
SUN2520	A2	78	14 32N	39 35W	73- IX -14:	P	0000-0350	27.0	16.0	4	11
SUN2521	A2	78	13 23N	40 0W	73- IX -14:	P	0000-0350	27.5	15.0	4	11
SUN2522	A2	78	13 16N	40 1W	73- IX -15:	P	0000-0350	27.5	14.3	4	11
SUN2523	A2	78	11 0N	40 10W	73- IX -15:	P	0000-0400	27.6	10.9	4	15
SUN2524	A2	78	10 59N	40 22W	73- IX -15:	P	0000-0400	27.6	11.3	4	15
SUN2525	A2	78	10 58N	40 29W	73- IX -16:	P	0000-0350	27.5	11.7	4	15
SUN2526	A2	78	10 59N	41 54W	73- IX -16:	P	0000-0350	27.5	12.5	4	15
SUN2527	A2	78	11 0N	42 2W	73- IX -17:	P	0000-0350	27.4	11.8	4	15
SUN2528	A2	78	10 59N	42 9W	73- IX -17:	P	0000-0350	27.4	11.2	4	15
SUN2529	A2	78	11 2N	41 35W	73- IX -17:	P	0000-0350	27.6	13.8	4	15
SUN2530	A2	78	11 0N	41 31W	73- IX -18:	P	0000-0400	27.6	13.3	4	15
SUN2531	A2	78	10 59N	41 38W	73- IX -18:	P	0000-0350	27.5	12.8	4	15

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP	TOWS	PROV.
SUN2532	A2	78	9 45N	40 41W	73- IX -18	P	0000-0400	27.7	12.1	4	15
SUN2533	A2	78	9 41N	40 39W	73- IX -19	P	0000-0350	27.6	11.8	4	15
SUN2534	A2	78	9 37N	40 37W	73- IX -19	P	0000-0350	27.6	11.6	4	15
SUN2535	A2	78	9 3N	40 41W	73- IX -19	P	0000-0350	28.2	10.2	4	15
SUN2536	A2	78	9 2N	40 47W	73- IX -19	P	0000-0350	28.2	10.2	4	15
SUN2537	A2	78	9 0N	40 53W	73- IX -20	P	0000-0350	28.2	10.2	4	15
SUN2538	A2	78	9 2N	43 48W	73- IX -20	P	0000-0200	28.4	10.8	2	15
SUN2539	A2	78	9 2N	43 55W	73- IX -21	P	0000-0350	28.4	10.3	4	15
SUN2540	A2	78	8 57N	46 29W	73- IX -21	P	0000-0350	28.4	10.7	4	15
SUN2541	A2	78	8 56N	46 36W	73- IX -22	P	0000-0400	28.5	10.8	4	15
SUN2542	A2	78	9 3N	49 16W	73- IX -22	P	0000-0340	28.6	11.2	4	15
SUN2543	A2	78	9 6N	49 21W	73- IX -22	P	0000-0350	28.6	12.1	4	15
SUN2544	A2	78	9 8N	49 28W	73- IX -23	P	0000-0400	28.6	13.0	4	15
SUN2545	A2	78	9 0N	51 0W	73- IX -23	P	0000-0350	28.5	15.0	4	12
SUN2546	A2	78	9 3N	51 5W	73- IX -24	P	0000-0350	28.4	15.1	4	12
SUN2547	A2	78	9 0N	53 0W	73- IX -24	P	0000-0340	28.7	13.3	4	15
SUN2548	A2	78	8 59N	53 5W	73- IX -25	P	0000-0400	28.6	12.2	4	15
SUN2549	A2	78	8 58N	53 10W	73- IX -25	P	0000-0350	28.4	11.2	4	15
SUN2550	A2	78	9 3N	55 0W	73- IX -25	P	0000-0400	29.0	13.9	4	15
SUN2551	A2	78	9 6N	55 9W	73- IX -26	P	0000-0400	28.8	13.0	4	15
SUN2552	A2	78	9 5N	55 17W	73- IX -26	P	0000-0400	28.5	12.0	4	15
SUN2553	A2	78	9 0N	57 27W	73- IX -26	P	0000-0340	28.6	12.5	4	15
SUN2554	A2	78	8 59N	57 34W	73- IX -27	P	0000-0350	28.4	12.5	4	15
SUN2555	A2	78	8 58N	57 40W	73- IX -27	P	0000-0400	28.3	12.5	4	15
SUN2556	A2	78	9 1N	59 4W	73- IX -27	P	0000-0400	28.9	17.6	4	12

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP.	TONS	PROV.
SUN2557	A2	78	9 10N	59 5W	73- IX -27	P	0000-0350	28.7	16.8	4	12
SUN2558	A2	78	9 17N	59 6W	73- IX -28	P	0000-0750	28.5	15.8	4	12
SUN2559	A2	78	9 20N	59 10W	73- IX -28	P	0000-0400	28.3	14.8	4	12
SUN2560	A2	79	11 10N	59 32W	73- IX -28	P	0000-0250	28.5	15.0	3	12
SUN2561	A2	78	11 18N	59 33W	73- IX -28	P	0000-0400	28.4	15.5	4	12
SUN2562	A2	78	11 24N	59 34W	73- IX -29	Q	0000-0700	28.4	16.0	3	12
SUN2564	A2	78	12 9N	55 24W	73- IX -29	Q	0000-0400	28.4	16.0	4	12
SUN2565	A2	78	12 16N	59 29W	73- IX -29	Q	0000-0320	28.4	18.0	4	12
SUN2576	A2	78	13 29N	52 57W	73- X - 8	Q	0000-0100	27.5	17.6	1	12
SUN2578	A2	78	13 30N	50 54W	73- X - 8	Q	0000-0100	27.4	19.9	1	12
SUN2583	A2	78	16 18N	49 9W	73- X -10	P	0000-0105	27.2	19.5	1	12
SUN3100	KN	38	20 6N	65 29W	74-III -11	Q	0000-0250	.0	.0	4	9
SUN3101	KN	38	20 11N	65 28W	74-III -11	Q	0000-0035	.0	.0	1	9
SUN3102	KN	38	22 57N	64 12W	74-III -12	Q	0000-0300	.0	.0	4	9
SUN3103	KN	38	23 1N	64 9W	74-III -12	Q	0000-0300	.0	.0	4	9
SUN3104	KN	38	25 9N	63 5W	74-III -13	Q	0000-0300	.0	.0	4	9
SUN3105	KN	38	25 13N	63 3W	74-III -13	Q	0000-0320	.0	.0	4	9
SUN3106	KN	38	28 4N	61 51W	74-III -14	Q	0000-0320	.0	.0	4	8
SUN3107	KN	38	28 7N	61 52W	74-III -14	Q	0000-0200	.0	.0	2	8
SUN3108	KN	38	30 34N	60 55W	74-III -15	Q	0000-0250	.0	.0	4	8
SUN3109	KN	38	32 28N	60 3W	74-III -16	Q	0000-0240	.0	.0	4	8
SUN3110	KN	38	32 25N	60 0W	74-III -16	Q	0000-0300	.0	.0	4	8
SUN3111	KN	38	32 12N	55 44W	74-III -17	Q	0000-0130	.0	.0	2	8
SUN3112	KN	38	32 10N	55 45W	74-III -17	U	0000-0200	.0	.0	2	8
SUN3114	KN	38	32 17N	59 45W	74-III -18	Q	0000-0100	.0	.0	1	8

WHOI NEUSTON COLLECTION DATA 1964-1974

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP	TONS	PROV.
SUN9200	LU	371	39 46N	70 43W	71- VI -17	R	0000-0300	.0	.0	3	3
SUN9201	LU	371	39 46N	70 43W	71- VI -18	R	0000-0400	.0	.0	4	3
SUN9202	LU	371	39 48N	70 43W	71- VI -18	R	0000-0200	.0	.0	2	3
SUN9203	LU	371	39 52N	70 36W	71- VI -19	R	0000-0700	.0	.0	3	3
SUN9204	LU	371	39 52N	70 36W	71- VI -20	R	0000-0400	.0	.0	4	3
SUN9205	LU	371	39 51N	70 35W	71- VI -20	R	0000-0300	.0	.0	3	3
SUN9206	LU	371	39 51N	70 35W	71- VI -21	R	0000-0700	.0	.0	2	3
SUN9207	LU	371	39 46N	70 38W	71- VI -21	R	0000-0700	.0	.0	3	3
SUN9208	LU	371	39 46N	70 38W	71- VI -22	R	0000-0430	.0	.0	4	3
SUN9209	LU	371	39 53N	70 39W	71- VI -22	R	0000-0300	.0	.0	3	3
SUN9210	LU	371	39 53N	70 39W	71- VI -23	R	0000-0400	.0	.0	4	3
SUN9300	GO	148	39 51N	71 11W	69- IX -25	R	0000-0710	.0	.0	7	3
SUN9301	GO	148	39 43N	71 14W	69- IX -29	R	0000-1630	.0	.0	20	3
SUN9302	GO	148	39 40N	71 12W	69- IX -30	R	0000-1440	.0	.0	12	3
SUN9400	GO	135	39 50N	69 13W	68- X - 2	R	0000-2100	23.0	10.9	30	3
SUN9401	GO	135	39 52N	69 45W	68- X - 3	R	0000-1620	23.0	10.9	20	3
SUN9402	GO	135	39 40N	69 49W	68- X - 6	R	0000-1830	22.0	11.2	26	3
SUN9500	CR	172	39 50N	70 30W	68-VIII-10	0	0000-0830	23.6	10.4	20	3
SUN9501	CR	172	39 49N	69 48W	68-VIII-10	0	0000-1200	26.0	11.4	24	3
SUN9502	CR	172	39 41N	69 45W	68-VIII-11	0	0000-1550	25.6	11.5	32	3
SUN9503	CR	172	39 52N	68 26W	68-VIII-11	0	0000-1233	.0	.0	28	3
SUN9504	CR	172	39 37N	68 21W	68-VIII-12	0	0000-1440	.0	.0	16	3
SUN9505	CR	172	40 11N	67 5W	68-VIII-12	0	0000-1300	.0	.0	28	3
SUN9506	CR	172	40 11N	67 21W	68-VIII-12	0	0000-1200	26.2	12.7	16	3
SUN9507	CR	172	40 9N	68 14W	68-VIII-13	0	0000-1010	22.7	10.7	18	3

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP.	200M TEMP	TONS	PROV.
UN9508	CR	172	40 5N	68 25W	68-VIII-14:	0	0000-2030	22.3	9.8	14	3
UN9509	CR	172	39 45N	70 50W	68-VIII-14:	0	0000-1644	23.7	11.3	23	3
UN9510	CR	172	39 48N	70 38W	68-VIII-15:	0	0000-1408	21.1	10.2	22	3
UN9600	60	122	39 49N	70 36W	68-VII - 9	R	0000-0800	22.8	10.7	8	3
UN9601	60	122	39 41N	70 39W	68-VII -10:	R	0000-0800	22.8	11.1	8	3
UN9602	60	122	39 53N	70 35W	68-VII -12	R	0000-0700	23.0	10.6	8	3
UN9603	60	122	39 45N	70 39W	68-VII -13:	R	0000-0445	23.1	10.5	6	3
UN9700	60	121	39 53N	70 33W	68-VI -25	R	0000-0710	20.5	11.4	8	3
UN9701	60	121	39 48N	70 41W	68-VI -25:	R	0000-0710	20.2	11.2	8	3
UN9800	CH	75	18 25N	60 20W	67- X -27	0	0015-0415	26.0	.0	1	9
UN9801	CH	75	16 50N	62 15W	67- X -27:	0	1945-2400	26.0	.0	1	14
UN9802	CH	75	16 45N	62 45W	67- X -28:	0	0015-0410	28.5	.0	1	14
UN9803	CH	75	15 30N	63 50W	67- X -28	0	1945-0010	28.5	.0	1	14
UN9804	CH	75	14 10N	63 50W	67- X -31	0	0020-0230	28.5	.0	1	14
UN9805	CH	75	14 15N	62 10W	67- X -31	0	1950-0015	28.5	.0	1	14
UN9806	CH	75	14 20N	59 30W	67- XI - 6	0	0025-0400	28.0	.0	1	12
UN9807	CH	75	14 15N	58 15W	67- XI - 6	0	1930-2504	28.0	.0	1	12
UN9808	CH	75	14 15N	50 30W	67- XI -10:	0	2200-2415	28.5	.0	1	12
UN9809	CH	75	14 15N	50 10W	67- XI -11:	0	0045-0515	27.5	.0	1	12
UN9810	CH	75	12 50N	44 40W	67- XI -21	0	1900-2300	26.5	.0	1	12
UN9811	CH	75	13 5N	47 15W	67- XI -24:	0	1900-2300	26.5	.0	1	12
UN9812	CH	75	13 5N	47 45W	67- XI -25	0	0000-0300	26.5	.0	1	12
UN9813	CH	75	13 5N	49 20W	67- XI -25	0	1830-2215	27.0	.0	1	12
UN9814	CH	75	13 5N	51 50W	67- XI -27:	0	0010-0215	27.5	.0	1	12
UN9815	CH	75	12 20N	53 30W	67- XI -27	0	2115-2415	28.0	.0	1	12

TABLE OF STATIONS

STATION	SHIP	CRUISE	LAT.	LONG.	DATE	ZONE	COLLECT. TIME	SURF. TEMP	200M TEMP	TOMS	PROV.
6UN9616	CH	75	12 10N	55 30W	67- XI -28	0	1820-2110	28.0	.0	1	12
6UN9500	60	106	39 48N	70 27W	67- X - 3	R	0000-0315	.0	.0	3	3
6UN9501	60	106	39 49N	70 32W	67- X - 4	R	0000-0400	.0	.0	3	3
6UN9502	60	106	39 49N	70 32W	67- X - 4	R	0000-0300	.0	.0	3	3
6UN9503	60	106	39 51N	70 26W	67- X - 5	R	0000-0500	.0	.0	5	3
6UN9504	60	106	39 46N	70 30W	67- X - 6	R	0000-0100	.0	.0	1	3

III-1

Appendix 3

Derivation and Coordinates of Atlantic Ocean Pelagic Faunal Boundaries.

Atlantic Subarctic Region

The arctic-subarctic boundary is drawn following Dunbar (1951). This boundary marks the southern limit of pure polar basin water. The region is bounded on the south by the North Atlantic Temperate Region. So far, the Atlantic Subarctic Region has not been divided into provinces.

North Atlantic Temperate Region

The boundary between the Atlantic Subarctic Region and the North Atlantic Temperate Region follows for the most part the oceanic Polar Front (Dietrich 1964). The westernmost segment (that abutting the Slope Water, Province 3) follows the 200-m isotherm for 9°C which, according to Worthington (1964), separates subarctic Labrador-Coastal water from the temperate Slope Water. The adjoining segment (that abutting the Northern Gyre, Prov. 2) is formed by the western and northern edges of the Northern Gyre following a North Atlantic circulation diagram of Worthington (in press, Fig. 42). These limits correspond closely to the appropriate parts of the oceanic Polar Front (Dietrich 1964) and of the 200-m isotherm for 9°C. The segment forming the northern part of the western boundary of the Azores-Britain Province (Prov. 4) is a part of the oceanic Polar Front as drawn by Dietrich (1964). This segment ends at about 59° N, 22° W, where the Polar Front becomes weak and untraceable. Because the 200-m isotherm for 9° C determines or is indistinguishable from the subarctic-temperate boundary all the

way from the 200-m isobath off Nova Scotia to 59° N, 22° W, we arbitrarily use that isotherm for making the easternmost segment of the boundary, from 59° N, 22° W to 60° N, 5° W, where the isotherm intersects the 200-m isobath north of Scotland and just south of the Shetland-Faeroes Ridge.

The boundary between the Atlantic Subarctic Region and the North Atlantic Temperate Region is described by the following points (beginning at the 200-m isobath south of Nova Scotia and ending at the 200-m isobath north of Scotland): 42°50'N, 64° W; 42°45'N, 61° W; 43°25' N, 57°30'W; 42°50'N, 56° W; 43°15'N, 54°30'W; 41°30'N, 50° W; 41°N, 48°45'W; 44°20'N, 46° W; 47° N, 42° W; 49° N, 43° W; 51°45'N, 44° W; 49°20'N, 34° W; 51° N, 33°45'W; 52° N, 32° W; 50°45'N, 30° W; 50° N, 27°45'W; 52°30'N, 26°15'W; 55° N, 23°30'W; 59° N, 22°30'W; 59°30'N, 14° W; and 60° N, 5° W.

The North Atlantic Temperate Region is bounded on the south by the North Atlantic Subtropical Region.

The North Atlantic Temperate Region is divided into Slope Water (Prov. 3), Eastern Gyre (Prov. 2), Azores-Britain Province (Prov. 4), Mediterranean Outflow (Prov. 5), and Western and Eastern Mediterranean Seas (Prov. 6 and 7).

The Slope Water is the area to which Iselin (1936) applied this name. Its northern and southern boundaries are the regional boundaries already described. Its eastern limit is set by the southwestern limits of the Eastern Gyre (Worthington in press, Fig. 42).

The Mediterranean Outflow corresponds to the area in the open Atlantic in which the influence of Mediterranean Water is strongest and is drawn from a plot of salinity in the North Atlantic at 10° C (Worthington in press, Fig. 25). (It is at this surface that the Mediterranean water is most conspicuous.) The isohaline for 35.7 ‰, the central isohaline of a bundle of isohalines limiting the pool of most saline water, is used.

The Azores-Britain Province (Prov. 4) is formed by exclusion; its boundaries are determined by the boundaries of its neighbors.

The Strait of Gibraltar and the islands of Sardinia and Corsica determine the limits of the Western and Eastern Mediterranean Seas.

The boundary between the Slope Water (Province 3) and the Northern Gyre (Prov. 4) is described by the points 41° N, $48^{\circ}45'$ W and $39^{\circ}40'$ N, $47^{\circ} 20'$ W.

The boundary between the Northern Gyre and the Azores-Britain Province (Prov. 4) is described by the following points: $38^{\circ}40'$ N, $39^{\circ}25'$ W; 43° N, 35° W; 47° N, 33° W; and $49^{\circ}20'$ N, 34° W.

The boundary between the Azores-Britain Province and the Mediterranean Outflow (Prov. 5) is described by the following points: 35° N, 20° W; $42^{\circ}45'$ N, $17^{\circ}15'$ W; 46° N, $12^{\circ}40'$ W; and 47° N, $5^{\circ}15'$ W.

The Mediterranean Outflow is separated from the Western Mediterranean Sea (Prov. 6) by the sill in the Strait of Gibraltar (Punta de la Paloma, $36^{\circ}03'$ N, $5^{\circ}43'$ W to Punta al Boassa, $35^{\circ}50'$ N, $5^{\circ}41'$ W).

The Eastern Mediterranean Sea (Prov. 7) is separated from the Western Mediterranean Sea by Corsica and Sardinia, the shallows between them, and their natural extensions north and south following the shoal water ($43^{\circ}45'N$, $10^{\circ} E$ to $43^{\circ} N$, $9^{\circ}25'E$ and $38^{\circ}50'N$, $8^{\circ}52'E$ to $37^{\circ}13'N$, $9^{\circ}13'E$).

North Atlantic Subtropical Region

The boundary between the North Atlantic Temperate Region and the North Atlantic Subtropical Region runs along the northern edges of the Sargasso Sea and the North African Subtropical Sea, the eastern Atlantic counterpart of the Sargasso Sea. The western segment follows the shoreward edge of the Gulf Stream and is determined by the 200-m isotherm for $15^{\circ} C$ (Worthington 1964). The central segment we take from the southern edge of the Northern Gyre (Worthington in press, Fig. 42). The eastern segment is determined by the northern limit in late winter of water as warm as $15^{\circ} C$ following Worthington (personal communication), who suggests that this is a suitable criterion for fixing the northern edge of the subtropical sea in the eastern North Atlantic, and drawn after him (in press, Fig. 28).

The boundary between the North Atlantic Temperate Region and the North Atlantic Subtropical Region is described by the following points (beginning at the 200-m isobath off Cape Hatteras and ending at the 200-isobath off western Morocco): $35^{\circ}20'N$, $75^{\circ}W$; $38^{\circ}20'N$, $67^{\circ}30'W$, $38^{\circ}15'N$; $65^{\circ}30'W$; $40^{\circ}50'N$, $61^{\circ}25'W$; $40^{\circ}35'N$, $53^{\circ}30'W$; $38^{\circ}45'N$, $48^{\circ}45'W$; $39^{\circ}40'N$, $47^{\circ}20'W$; $37^{\circ} N$, $41^{\circ} W$; $38^{\circ}40'N$, $39^{\circ}25'W$; $37^{\circ}20'N$, $37^{\circ} W$; $37^{\circ}05'N$, $34^{\circ}30'W$; $36^{\circ} N$, $31^{\circ}10'W$; $35^{\circ}15'N$, $26^{\circ}35'W$; $35^{\circ} N$, $20^{\circ} W$; and $32^{\circ}50'N$, $10^{\circ} W$.

The North Atlantic Subtropical Region is bounded on the south by the Atlantic Tropical Region and in the southeast by the Mauritanian Upwelling.

The North Atlantic Subtropical Region is divided into four provinces by north-south and east-west running boundaries. The north-south running boundary is the eastern edge of the Sargasso Sea; to the east lies the North African Subtropical Sea. The east-west running boundary is Wüst's "nordliche subtropische Konvergenz" (Wüst 1928) and separates both the Sargasso Sea and the North African Subtropical Sea into northern and southern parts. There is evidence (summarized in Backus *et al.* 1969) that Wüst's feature is the same phenomenon as the so-called "thermal fronts" of the Sargasso Sea (Voorhis and Hersey 1964, Katz 1969) and that it results from converging surface drifts in the transition region between westerlies and northeast trades.

The Northern and Southern Sargasso Seas (Prov. 8 and 9) are separated from the Northern and Southern North African Subtropical Seas (Prov. 10 and 11) by a boundary described by the following points: 37° N, 41° W; 33° N, 44° W; and 22°30'N, 44° W.

The Northern Sargasso and Northern North African Subtropical Seas are separated from the Southern Sargasso and Southern North African Subtropical Seas by a boundary described by the following points (beginning at the north end of Little Bahama Bank and ending at the 200-m isobath on the coast of Africa east of the Canary Islands): 27°25'N, 78°45'W; 26° N, 72° W; 27°30'N, 69° W; 27°30'N, 65°W; 28° N, 61° W; 29°45'N, 56° W; 30° N, 52°30'W; 34° N, 47°30'W; 33° N, 44° W; 32° N, 40° W; 29°30'N, 35° W; 29° N, 30° W; 32° N, 22°30'W, and 27°30'N, 13°35'W.

South Atlantic Subtropical Region

The South Atlantic Subtropical Region is much like its northern hemisphere counterpart. This subtropical sea is formed by a more or less triangular, anti-cyclonic gyre whose base lies off Brazil and whose apex almost reaches Southwest Africa. An Atlantic Ocean temperature plot for 200 m (Wüst and Defant 1936) shows the gyral as having a maximum temperature at 200 m of about 18° or 19° C near its base and cooling more or less regularly towards its sides. We use the 13° C isotherm at 200 m for limiting it. Earlier, we used the 15° C isotherm for 200 m (Backus *et al.* 1970). However, the 13° C isotherm, which follows the 15° one, but at a greater distance from the center of the gyre, delimits a region that better fits its neighbors. Along the northeast boundary the 13° isotherm nearly coincides with the boundary that we draw for limiting the tropical Guinean Province (Prov. 16) using a dissolved oxygen criterion. To the south the 13° C isotherm more nearly coincides with the South Atlantic Subtropical Convergence, the logical southern limit of the South Atlantic subtropical sea.

The South Atlantic Subtropical Region is bounded by a line described by the following points (beginning at the 200-m isobath off easternmost Brazil and going clockwise to the 200-m isobath off Rio de la Plata): 5°45'S, 34°50'W; 7°15'S, 30° W; 9° S, 27°30'W; 5°45'S, 24°30'W; 11° S, 16°45'W; 16° S, 8° W; 18° S, 3° W; 22°30'S, 5° E; 25° S, 8° E; 28° S, 11° E; 33° S, 12° E; 36°30'S, 9° E; 34° S, 1°30'W; 33° S, 7°30'W; 33°30'S, 12° W; 34°30'S, 22°30'W; 37° S,

25° W; 37° S, 32°30'W; 31°30'S, 37°30'W; and 35° S, 52°30'W.

The South Atlantic Subtropical Region is bounded on the north by the Atlantic Tropical Region. It has not yet been divided into provinces.

Atlantic Tropical Region

The boundary between the North Atlantic Subtropical Region and the Atlantic Tropical Region is drawn one way in the west, another way in the east. In the west, the boundary follows the southern edge of the Sargasso Sea, which is characterized in the upper few hundred meters by a temperature close to 18° C and a salinity between 36.4 and 36.6 ‰. A plot of salinity at 300-m (Worthington in press, Fig. 33) shows the extent of the sea well and is followed here.

In the east, the subtropical sea extends farther to the south. We draw the boundary to follow the line of change between tropical and subtropical temperature regimens in the upper few hundred meters of the water column.

We examined the point of change in a meridional section at about 40° W (Backus *et al.* 1965) and found that it coincided with the meeting of North Atlantic Central Water and South Atlantic Central Water. Furthermore it appeared that the 200-m isotherm for 14° C, which traverses the Atlantic between northwest Africa and northern South America, marked the point of change. This isotherm corresponds reasonably well with the position of the boundary between the two water masses as shown by

Sverdrup *et al.* (1946), and we use it to draw the southern boundary of the North African Subtropical Sea (Prov. 11), forming the eastern part of the tropical-subtropical boundary.

The western and eastern portions of the tropical-subtropical boundary are connected arbitrarily by a more or less north-south segment that follows the mid-Atlantic Ridge.

The boundary between the North Atlantic Subtropical Region and the Atlantic Tropical Region is described by following points (beginning at the 200-m isobath at Anguilla Bank and ending at the Mauritanian Upwelling): 18°35'N, 62°50'W; 19° N, 47°15'W; 12°45'N, 44°40'W; 12°45'N, 43°30'W; 16°30'N, 34° W; and 18°20'N, 22°30'W.

The Atlantic Tropical Region is bounded on the south by the South Atlantic Subtropical Region.

In the very northwest the Atlantic Tropical Region abuts the Northern Sargasso Sea. The two are separated by a line running from the northern end of Little Bahama Bank (27°25'N, 78°45'W) to a point on the 200-m isobath off Jupiter Inlet (27°05'N, 79°55'W).

On the extreme southeast the Atlantic Tropical Region is bounded by a line described by the points 22°30'S, 5° E and 23° S, 13°30'E.

The Atlantic Tropical Region is divided into five provinces. Two of these, the Guinean and Amazonian Provinces (Prov. 16 and 15) are traversed by the geographic equator and occupy most of the open-ocean part of the region between Africa and South America. A third, the Lesser Antillean Province (Prov. 12), is somewhat transitional between the aforementioned equatorial seas and the subtropical Sargasso Sea. The Lesser Antillean Province in turn is physically and faunally related to the

Caribbean Sea (Prov. 14), a natural hydrographic extension of which is the Straits of Florida (Prov. 23).

The western equatorial province, the Amazonian, is somewhat warmer, saltier, has more dissolved oxygen, and is less productive than the eastern equatorial province, the Guinean.

We draw the boundary between these two provinces on the basis of the distribution of dissolved oxygen, thinking that this property is apt to be most significant. There is a marked oxygen minimum layer in the equatorial eastern Atlantic, and this lies at about 400 m. Reference to the horizontal distribution of dissolved oxygen at this level (Wattenberg 1939) suggests that the east-west gradient is sharpest at about 2 cc/l, and we have used this isopleth to draw the boundary. The isopleth makes a great eastward involution at the equator; we have bridged this in drawing the westward boundary of the province. No doubt more information will show that the Guinean Province as we have drawn it needs to be subdivided.

The 14° C isotherm for 200 m, which marks the boundary between tropical and subtropical regions in the east (see above), is a provincial boundary in the west, setting apart the Lesser Antillean and Amazonian Provinces.

The Straits of Florida (Prov. 23) is separated from the Caribbean Sea by a line drawn from a point on the 200-m isobath off Cabo Catoche, Yucatan (21°40'N, 86°25'W) to a point on the 200-m isobath off Cabo San Antonio, Cuba (21°50'N, 85°55'W).

The Caribbean Sea (Prov. 14) has natural topographic limits as already noted.

The Lesser Antillean Province (Prov. 12) is separated from the Amazonian Province (Prov. 15) by a line connecting the points 9° N, 59° W; $12^{\circ}30'$ N, 50° W; and $12^{\circ}45'$ N, $43^{\circ}30'$ W. The Amazonian Province is separated from the Guinean Province (Prov. 16) by a line connecting the points $15^{\circ}10'$ N, $37^{\circ}30'$ W; $8^{\circ}30'$ N, 35° W; 6° N, 28° W; 0° , 21° W; and $5^{\circ}45'$ S, $24^{\circ}30'$ W.

The Guinean Province is subdivided by a line connecting the points 6° N, 28° W; 6° N, 20° W; 3° N, 14° W; 2° N, 5° W; 5° N, 1° W; $2^{\circ}30'$ S, 0° ; $2^{\circ}30'$ S, $7^{\circ}30'$ W; 2° S, 14° W; and 0° , 21° W.

Mauritanian Upwelling

For setting this region's limits we follow the suggestion of Wooster and Reid (1963) that the zone of upwelling is characterized by a wide annual variation in surface temperature. From a chart of the same (Böhnecke 1936), we have taken as our boundary the isopleth for a variation of 5° C, the outermost of a bundle of isopleths surrounding the upwelling area.

The Mauritanian Upwelling Region is divided into northern and southern provinces by the eastern extremity of the 14° C isotherm for 200 m. As indicated above, this isotherm labels approximately the meeting of South Atlantic Central and North Atlantic Central Water Masses, and it appears that two sorts of water are upwelling in this region.

The Mauritanian Upwelling is separated from the North Atlantic Subtropical Region and the Atlantic Tropical Region by a boundary described by the following points: 22°20'N, 17°30'W; 20°40'N, 20° W; 20° N, 21°12'W; 18°20'N, 22°30'W; 15° N, 22°30'W; 11°15'N, 20° W; and 10° N, 17°30'W.

The Northern Mauritanian Upwelling (Prov. 18) is separated from the Southern Mauritanian Upwelling (Province 19) by a line connecting the following points: 18°20'N, 22°30'W and 20° N, 17°40'W.

Gulf of Mexico

The Gulf of Mexico is separated from the Straits of Florida (Prov. 23) by a line drawn from a point on the 200-m isobath off Cabo Catoche, Yucatan (22° N, 86°30'W) to a point on the 200-m isobath off Dry Tortugas, Florida (24°20'N, 83°08'W).

The Gulf of Mexico is undivided and can be viewed as both region and province.

Literature Cited

- Backus, R. H., J. E. Craddock, R. L. Haedrich, and D. L. Shores. 1969.
Mesopelagic fishes and thermal fronts in the western Sargasso Sea.
Mar. Biol. 3: 87-106.
- Backus, R. H., J. E. Craddock, R. L. Haedrich and D. L. Shores. 1970.
The distribution of mesopelagic fishes in the equatorial and
western North Atlantic Ocean. J. Mar. Res. 28: 179-201.
- Backus, R. H., G. W. Mead, R. L. Haedrich, and A. W. Ebeling. 1965.
The mesopelagic fishes collected during Cruise 17 of the R/V Chain,
with a method for analyzing faunal transects. Bull. Mus. Comp.
Zool. 134: 139-158.
- Böhnecke, G. 1936. Temperatur, Salzgehalt und Dichte an der Oberfläche
des Atlantischen Ozeans. Wiss. Ergeb. Deutsch. Atlant. Exped.
Forsch. Verm. "Meteor" 1925-1927 5 (Atlas): pl. 24.
- Dietrich, G. 1964. Oceanic polar front survey in the North Atlantic, In
Solid earth and interface phenomena, Research in Geophysics,
2: 291-308. MIT.
- Dunbar, M. J. 1951. Eastern arctic waters. Bull. Fish. Res. Bd.
Canada, 88: 1-131.
- Iselin, C. O'D. 1936. A study of the circulation of the western
North Atlantic. Pap. Phys. Oceanogr. Meteorol. 4: 1-101.
- Katz, E. J. 1969. Further study of a front in the Sargasso Sea.
Tellus 21: 259-269.
- Sverdrup, H. U., M. W. Johnson, and R. H. Fleming. 1946. The
Oceans. Prentice-Hall.

- Voorhis, A. D. and J. B. Hersey. 1964. Oceanic thermal fronts in the Sargasso Sea. *J. Geophys. Res.* 69: 3809-3814.
- Wattenberg, H. 1939. Die Verteilung des Sauerstoffs im Atlantischen Ozean. *Wiss. Ergeb. Deutsch. Atlant. Exped. Forsch. Verm. "Meteor" 1925-1927* 9(Atlas): pl. 38.
- Wooster, W. S. and J. L. Reid, Jr. 1963. Eastern boundary currents, p. 253-280. In: M. N. Hill [ed.], *The sea*, vol. 2, Interscience.
- Worthington, L. V. 1964. Anomalous conditions in the Slope Water area in 1959. *J. Fish. Res. Bd. Canada* 21: 327-333.
- Worthington, L. V. In press. On the North Atlantic circulation. *Johns Hopkins Oceanographic Studies*.
- Wüst, G. 1928. Der Ursprung der atlantischen Tiefenwasser. *Z. Ges. Erdk. Berl.*, Sonderband zur Hundertjahrfeier: 506-534.
- Wüst, G., and A. Defant. 1936. Schichtung und Zirkulation des Atlantischen Ozeans. *Wiss. Ergeb. Deutsch. Atlant. Exped. Forsch. Verm. "Meteor" 1925-1927*: 6(Atlas): pl. 47.

BIBLIOGRAPHIC DATA SHEET	1. Report No.	2.	3. Recipient's Accession No.
4. Title and Subtitle DATA REPORT FOR ATLANTIC PELAGIC ZOOGEOGRAPHY		5. Report Date January 1977	
		6.	
7. Author(s) Richard H. Backus and James E. Craddock		8. Performing Organization Rept. No. WHOI-77-4	
9. Performing Organization Name and Address Woods Hole Oceanographic Institution Woods Hole, MA 02543		10. Project/Task/Work Unit No.	
		11. Contract/Grant No. DES 74-23209	
12. Sponsoring Organization Name and Address National Science Foundation		13. Type of Report & Period Covered Technical	
		14.	
15. Supplementary Notes			
16. Abstracts This report (1) gives station data for midwater-trawl and neuston collections made in the Atlantic Ocean between 1961 and 1974 and (2) gives the geographic coordinates of and explains the derivation of a system of Atlantic faunal boundaries.			
17. Key Words and Document Analysis. 17a. Descriptors 1. Atlantic pelagic zoogeography 2. Midwater-trawl and neuston collections 3. Faunal boundaries			
17b. Identifiers/Open-Ended Terms			
17c. COSATI Field/Group			
18. Availability Statement		19. Security Class (This Report) UNCLASSIFIED	21. No. of Pages 85
		20. Security Class (This Page) UNCLASSIFIED	22. Price

Woods Hole Oceanographic Institution
WHOI-77-4

DATA REPORT FOR ATLANTIC PELAGIC ZOOGEOGRAPHY by
Richard H. Backus and James E. Craddock. 85 pages.
January 1977. Prepared for the National Science Foundation
under Grant DES 74-23209.

This report (1) gives station data for midwater-trawl
and neuston collections made in the Atlantic Ocean between
1961 and 1974 and (2) gives the geographic coordinates of
and explains the derivation of a system of Atlantic faunal
boundaries.

1. Atlantic pelagic zoogeography
 2. Midwater-trawl and neuston collections
 3. Faunal boundaries
- I. Backus, Richard H.
 - II. Craddock, James E.
 - III. NSF DES 74-23209

This card is UNCLASSIFIED

Woods Hole Oceanographic Institution
WHOI-77-4

DATA REPORT FOR ATLANTIC PELAGIC ZOOGEOGRAPHY by
Richard H. Backus and James E. Craddock. 85 pages.
January 1977. Prepared for the National Science Foundation
under Grant DES 74-23209.

This report (1) gives station data for midwater-trawl
and neuston collections made in the Atlantic Ocean between
1961 and 1974 and (2) gives the geographic coordinates of
and explains the derivation of a system of Atlantic faunal
boundaries.

1. Atlantic pelagic zoogeography
 2. Midwater-trawl and neuston collections
 3. Faunal boundaries
- I. Backus, Richard H.
 - II. Craddock, James E.
 - III. NSF DES 74-23209

This card is UNCLASSIFIED

Woods Hole Oceanographic Institution
WHOI-77-4

DATA REPORT FOR ATLANTIC PELAGIC ZOOGEOGRAPHY by
Richard H. Backus and James E. Craddock. 85 pages.
January 1977. Prepared for the National Science Foundation
under Grant DES 74-23209.

This report (1) gives station data for midwater-trawl
and neuston collections made in the Atlantic Ocean between
1961 and 1974 and (2) gives the geographic coordinates of
and explains the derivation of a system of Atlantic faunal
boundaries.

1. Atlantic pelagic zoogeography
 2. Midwater-trawl and neuston collections
 3. Faunal boundaries
- I. Backus, Richard H.
 - II. Craddock, James E.
 - III. NSF DES 74-23209

This card is UNCLASSIFIED

Woods Hole Oceanographic Institution
WHOI-77-4

DATA REPORT FOR ATLANTIC PELAGIC ZOOGEOGRAPHY by
Richard H. Backus and James E. Craddock. 85 pages.
January 1977. Prepared for the National Science Foundation
under Grant DES 74-23209.

This report (1) gives station data for midwater-trawl
and neuston collections made in the Atlantic Ocean between
1961 and 1974 and (2) gives the geographic coordinates of
and explains the derivation of a system of Atlantic faunal
boundaries.

1. Atlantic pelagic zoogeography
 2. Midwater-trawl and neuston collections
 3. Faunal boundaries
- I. Backus, Richard H.
 - II. Craddock, James E.
 - III. NSF DES 74-23209

This card is UNCLASSIFIED