INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA *

(Issued October 1983)

BENTHIC EXPEDITION

LEG 5

Papeete. Tahiti (20 February 1983)
to
Papeete, Tahiti (13 March 1983)

R/V Melville

Chief Scientist - C. Eriksen (MIT)

Resident Marine Tech - J. Boaz

Post-Cruise Processing and Report Preparation
by S.I.O. Geological Data Center

Data Collection Funded by NSF
Grant Number NSF-OCE80-24472
Data Processing funded by SIA and NSF

NOTE
This is an index of underway geophysical data edited and processed after the completion of the cruise leg and is intended primarily for informal use within the institution. This document is not to be reproduced or distributed outside Scripps without prior approval of the chief scientist or the Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093.

GDC Cruise I.D.# - 204

* Only navigation and Sample Index included in this report.

INFORMAL REPORT AND INDEX OF NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA *

Contents:

Index Chart - gives track of cruise leg, dates, ports, and mileage of each type of data collected.

Track Charts - annotated with dates (day/month) and hour ticks. The scale is .312 in/degree longitude.

Profiles - depth and magnetic anomaly vs. distance. Dates (day/month) and positions of major course changes (greater than 30 degrees) are annotated. Sections of track having subbottom profiler (airgun) records have a wide black line along the bottom of the profile. Sections having Sea Beam are indicated by a narrow line.

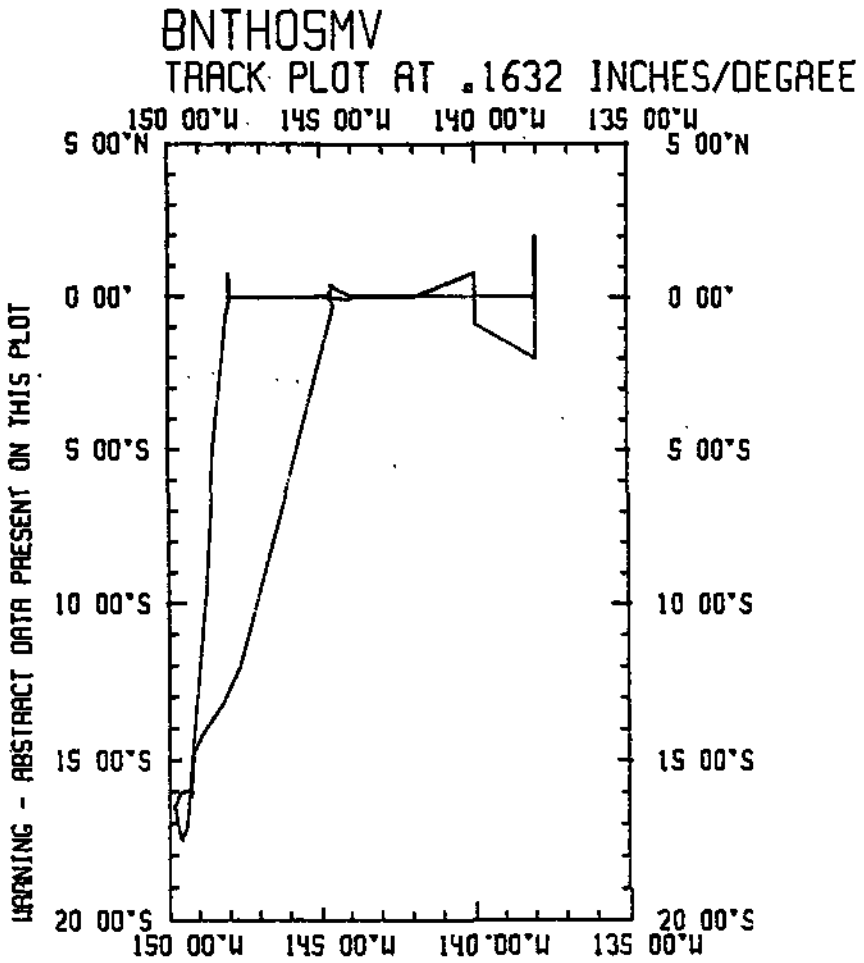
Sample Index - list of beginning and end times and positions of all underway records as well as all other samples (geology, biology, physical oceanography, etc.) collected on the cruise leg.

For information on the availability and reproduction costs of data in the following forms, contact S. M. Smith, Curator, Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093. Phone (714) 452-2752.

1. Navigation listing of times and positions of course and speed changes, fixes and drift velocity.
2. Depth Compilation Plots - Compilation plots at the traditional scale of 4"/degree longitude (1:1,000,000) are no longer produced for Sea Beam cruises. Custom plots may be requested of vertical beam (2&2/3 degree beam width) depths retrieved at one minute intervals of ship time.
3. Plots of magnetic anomaly profiles along track - map scale = 1.2inch/degree, anomaly scale between 15N and 15 S latitude = 500 gamma/inch, anomaly scale north of 15N and south of 15S = 1000 gamma/inch, from values retrieved at approximately 1 mile spacing and regional field removed using the 1980 IGRF.
4. Separate time series files of navigation, depth and magnetics of data merged in the MGD77 Exchange format on magnetic tape.
5. Microfilm or Xerox copies of:
   a. Echosounder records - 12 and 3.5 kHz frequency
   b. Subbottom profiler records (airgun)
   c. Magnetometer records
   d. Underway data log

Rev June 1982 (Sea Beam)

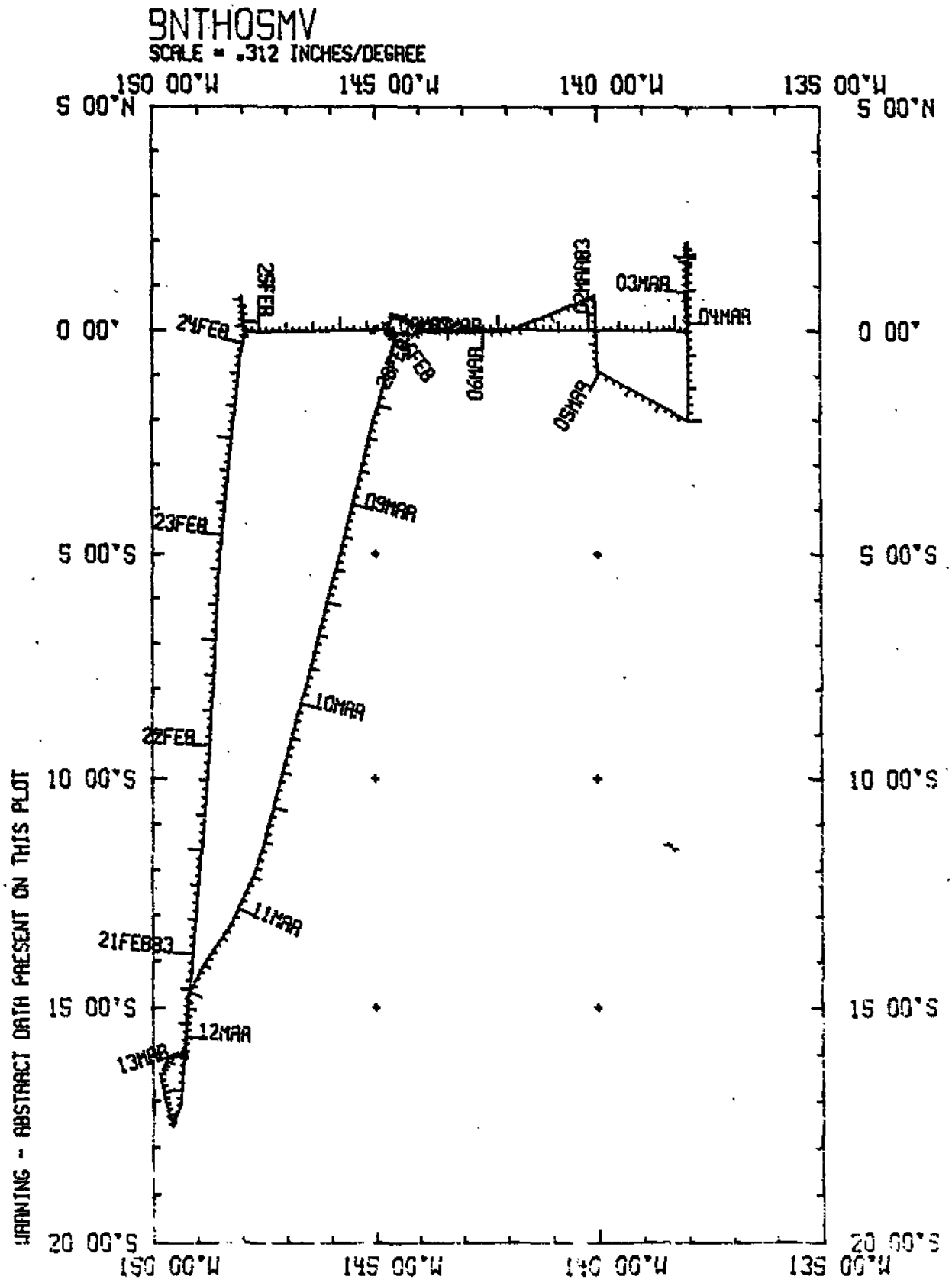
* Only navigation and Sample Index included in this report



BENTHIC EXPEDITION
LEG 5

CHIEF SCIENTIST- C. Eriksen (WIT)
Ports: Papeete - Papeete, Tahiti
Dates: 20 February - 13 March 1983
Ship: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED
1) Cruise - 4222 miles
2) Bathymetry - collected but not processed
3) Magnetics - none collected
4) Seismic Reflection - none collected
5) Gravity - none collected
6) Seabeam - none collected


BNTHOSMV
SCALE = .312 INCHES/DEGREE
150 00°W
145 00°W
140 00°W
135 00°W
5 00°N
0 00°
5 00°S
10 00°S
15 00°S
20 00°S
24FEB
23FEB
22FEB
21FEB83
25FEB
06MAR
09MAR
10MAR
11MAR
12MAR
13MAR
03MAR
04MAR
WARNING - ABSTRACT DATA PRESENT ON THIS PLOT

S.I.O. Sample Index

(Issued October 1983)

BENTHIC EXPEDITION

Leg 5

Papeete, Tahiti (20 February 1983)
to
Papeete, Tahiti (13 March 1983)

R/V Melville

Chief Scientist - C. Eriksen (MIT)

Resident Marine Tech - J. Boaz

Post-Cruise Processing and Report Preparation
by S.I.O. Geological Data Center

Index Encoding Funded by NSF
Grant Number OCE80-22996
Index Processing and Report Preparation
funded in part by SIA

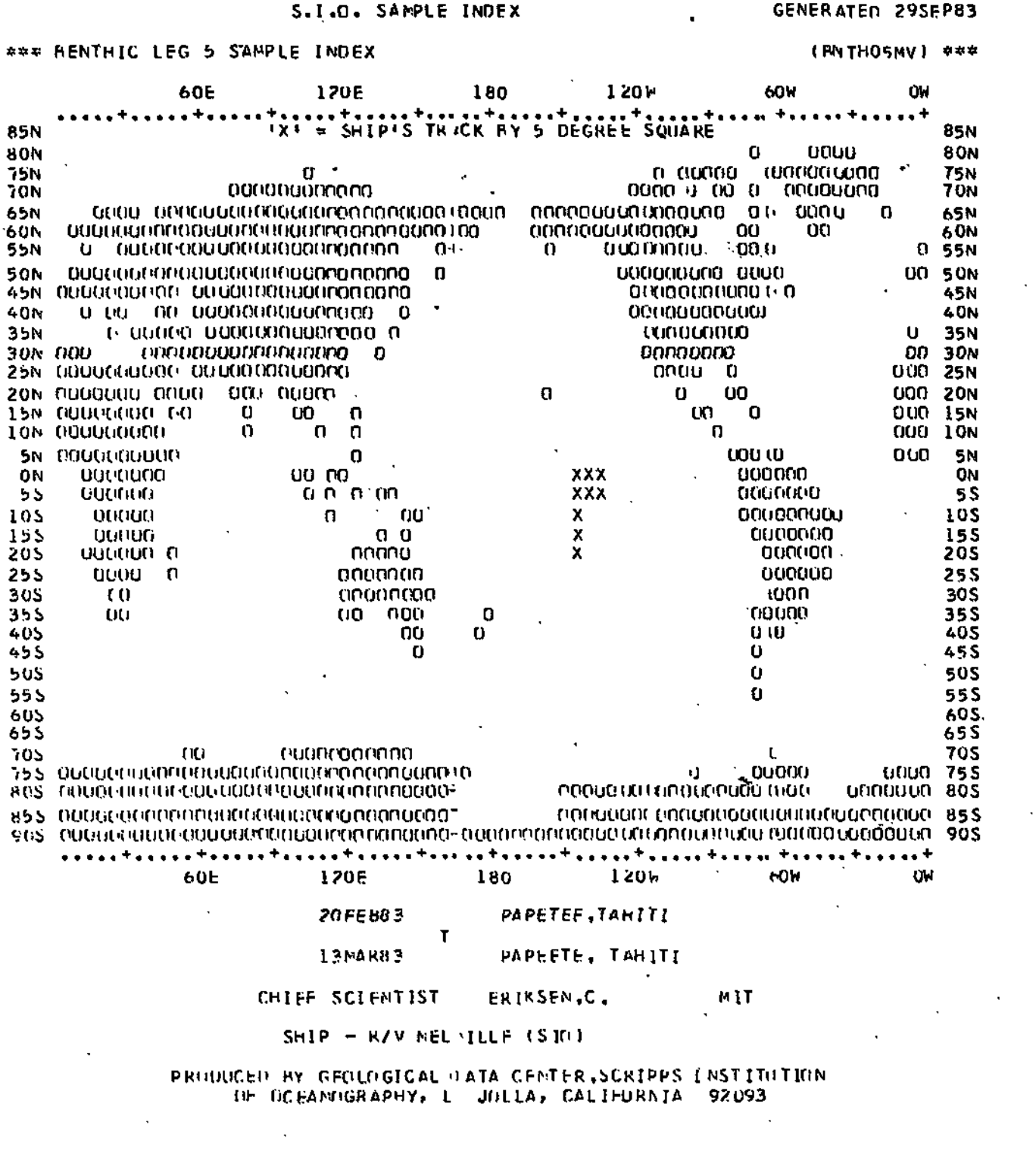
The Sample Index is a first level interdisciplinary listing of time, position, sample identification and disposition of all samples, records and measurements collected on this cruise leg. The index data are encoded at sea by the resident technician and processed on shore by the S.I.O. Geological Data Center shortly after the completion of the cruise leg.

Positions are interpolated on the basis of sample time by comparison to a single, edited navigation file. Samples beginning at one time and position and ending at another are entered on two consecutive cards. Disposition and sample type are represented by three and four character codes to permit future computer searches on these parameters. (Listings defining these codes are available from the Geological Data Center.)

GDC Cruise I.D.# -204

S.I.O. SAMPLE INDEX GENERATED 29SEP83

*** BENTHIC LEG 5 SAMPLE INDEX (BNTHO5MV) ***



20FEB83 PAPETEE,TAHITI

T

13MAR83 PAPEETE, TAHITI

CHIEF SCIENTIST ERIKSEN,C. MIT

SHIP - R/V MELVILLE (S10)

PRODUCED BY GEOLOGICAL DATA CENTER,SCRIPPS INSTITUTION
OF OCEANOGRAPHY, LA JOLLA, CALIFORNIA 92093

NUMBER OF SAMPLES OF CLASS 'TYPE' GOING TO DESTINATION 'DISP'

DISP		TYPE BT	CM	DP	GC	PE		TOTAL
GDC	I			2			I	2
MIT	I	67	8		60	2	I	137
MTG	I					2	I	2
OSU	I					2	I	2
SIX	I					2	I	2
TOTAL	I	67	8	2	60	8	I	145

SAMPLE 'TYPE' CODES USED ABOVE

BT = BATHYTHERMOGRAM
CM = CURRENT MEASUREMENT
DP = DEPTH
GC = GEOCHEMICAL SAMPLING
PE = PERSONNEL IN SCIENTIFIC PARTY

SAMPLE 'DISP' CODES USED ABOVE

GDC = GEOLOGICAL DATA CENTER -- S. SMITH (EXT. 2752)
MIT = MASS. INST. TECHNOLOGY
MTG = MARINE TECHNOLOGY GROUP (EXT 4194)
OSU = OREGON STATE UNIVERSITY
SIX = SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT .3675)

GMT H /M /Y TIME DATE	LOC LOC TIME TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
			BENTHIC LEG 5 SAMPLE INDEX				BNTHO5MV

*** PORTS ***

0300 20/ 2/83		LGPT B PAPETHE,TAHITI			17 32.0S	149 34.0W	F BNTHO5MV
2295 13/03/83		LGPT F PAPEETE, TAHITI			17 32.0S	149 34.0W	F BNTHO5MV

PERSONNEL

*** NAME ***	*** TITLE ***	*** AFFILIATION ***
1 FRIKSEN,C.	CHIEF SCIENTIST	MASS. INST. TECHNOLOGY
2 HOLZ,J.	RESIDENT TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
3 ARNOLT,J.	COMPUTER TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
4 SIPERKINS,J.	ENGINEER	OREGON STATE UNIVERSITY
5 [illegible],R.	ENGINEER TECH	MASS. INST. TECHNOLOGY
6 [illegible],J.	SCIENTIST	OREGON STATE UNIVERSITY
7 [illegible],G.	ENGINEER, DROPPER	SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.367[illegible]
8 [illegible],R.	ENGINEER, DROPPER	SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.367[illegible]

NOTES AN 'X' IN THE (B)EGIN/(E)ND COLUMN FOLLOWING THE SAMPLE CODE INDICATES NO SAMPLE OR DATA RECOVERED.
A 'C' INDICATES CONTINUATION OF DATA COLLECTION FROM BEFORE THE BEGINNING OR AFTER THE END OF THIS LEG (MOORED BOTTOM INSTRUMENTS, FOR EXAMPLE).
THE NUMBER APPEARING IN THE COLUMNS BETWEEN THE SAMPLE IDENTIFIER AND THE DISPOSITION CODE, FOR MANY SAMPLE ENTRIES, IS THE WATER DEPTH IN CORRECTED METERS.

GMT D /M /Y TIME DATE	LOC LOC TIME T7	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
**** UNDERWAY DATA CURATOR - STUART M. SMITH EXT. 2752 ***							
*** FATHOGRAMS ***							
0555 20/ 2/83		DPRT	B 12KHZ ROLL-01	GDC	17 07.3S	149 23.0W	S BNTHO5MV
0040 1/ 3/83		DPRT	E 12KHZ ROLL-01	GDC	00 02.5N	144 03.7W	S BNTHO5MV
0050 1/ 3/83		DPRT	B 12KHZ ROLL-02	GDC	00 02.6N	144 03.6W	S BNTHO5MV
1800 11/ 3/83		DPRT	E 12KHZ ROLL-02	GDC	14 52.4S	149 13.0W	S BNTHO5MV
CURRENT MEASUREMENT							
0000 23/02/82		CMAB	C DROP IWA-164 STA-P2	MIT	00-00.2S	147 57.7W	S BNTHO5MV
1907 24/ 2/83		CMAB	E RCVR B NTH05 STA-P2	MIT	00 00.7S	147 58.5W	S BNTHO5MV
0000 16/02/82		CMAB	C DROP IWA-164 STA-E2	MIT	00 00.1S	145 01.0W	S BNTHO5MV
1833 25/ 2/83		CMAB	E RCVR B NTH05 STA-E2	MIT	00 00.3N	145 01.2W	S BNTHO5MV
0000 13/02/82		CMAB	C DROP IWA-164 STA-D2	MIT	00 00.7N	143 58.6W	S BNTHO5MV
2005 28/ 2/83		CMAB	E RCVR B NTH 05 STA-D2	MIT	00 00.8N	144 00.3W	S BNTHO5MV
0000 09/02/82		CMAB	C DROP IWA-164 STA-D2	MIT	00 00.8S	138 01.9W	S BNTHO5MV
1536 2/ 3/83		CMAB	E RCVR B NTH05 STA-D2	MIT	00 01.1S	138 02.3W	S BNTHO5MV
0000 13/02/82		CMAB	C DROP IWA-164 STA-D2	MIT	00 00.4N	145 01.0W	S BNTHO5MV
1857 6/ 3/83		CMAB	E RCVR B NTH 05 STA-D2	MIT	00 00.6S	143 59.2W	S BNTHO5MV
0000 14/02/82		CMAB	C DROP IWA-164 STA-D2	MIT	00 00.1N	144 41.1W	S BNTHO5MV
2015 26/ 2/83		CMAB	E RCVR B NTH-05 STA-D2	MIT	00 00.7S	144 39.9W	S BNTHO5MV
0000 17/02/82		CMAB	C DROP IWA-164 STA-U2	MIT	00 20.6N	144 32.7W	S BNTHO5MV
0613 27/ 2/83		CMAB	E RCVR B NTH-05 STA-U2	MIT	00 21.4N	144 33.6W	S BNTHO5MV
0000 14/02/82		CMAB	C DROP IWA-164 STA-U2	MIT	00 00.4N	144 41.1W	S BNTHO5MV
2110 7/ 3/83		CMAB	E RCVR B NTH-05 STA-U2	MIT	00 00.1N	144 42.0W	S BNTHO5MV
GEOCHEMICAL STATION - SMALL VOLUME							
0015 21/ 2/83		GCSV	ORSTOM POLYNESIE 01	MIT	13 46.1S	149 08.2W	S BNTHO5MV
0420 21/ 2/83		GCSV	ORSTOM POLYNESIE 02	MIT	12 58.5S	149 04.0W	S BNTHO5MV
0920 21/ 2/83		GCSV	ORSTOM POLYNESIE 03	MIT	12 00.9S	148 59.7W	S BNTHO5MV
1450 21/ 2/83		GCSV	ORSTOM POLYNESIE 04	MIT	10 59.7S	148.54.9W	S BNTHO5MV
2005 21/ 2/83		GCSV	ORSTOM POLYNESIE 05	MIT	09 60.0S	148 47.2W	S BNTHO5MV
0105 22/ 2/83		GCSV	ORSTOM POLYNESIE 06	MIT	09 03.6S	146 42.9W	S BNTHO5MV
0530 22/ 2/83		GCSV	ORSTOM POLYNESIE 07	MIT	07 59.0S	148 38.9W	S BNTHO5MV
1127 22/ 2/83		GCSV	ORSTOM POLYNESIE 08	MIT	06 59.9S	148 36.5W	S BNTHO5MV
1632 22/ 2/83		GCSV	ORSTOM POLYNESIE 09	MIT	05 59.8S	148 31.5W	S BNTHO5MV
2151 22/ 2/83		GCSV	ORSTOM POLYNESIE 10	MIT	04 58.6S	146 29.5W	S BNTHO5MV
0030 23/ 2/83		GCSV	ORSTOM POLYNESIE 11	MIT	04 30.3S	148 27.3W	S BNTHO5MV
0320 23/ 2/83		GCSV	ORSTOM POLYNESIE 15	MIT	03 59.0S	148 21.4W	S BNTHO5MV
0610 23/ 2/83		GCSV	ORSTOM POLYNESIE 12	MIT	03 27.6S	148 18.1W	S BNTHO5MV
0835 23/ 2/83		GCSV	ORSTOM POLYNESIE 13	MIT	03 00.5S	146 15.6W	S BNTHO5MV
1115 23/ 2/83		GCSV	ORSTOM POLYNESIE 14	MIT	02 30.3S	148 13.2W	S BNTHO5MV
1404 23/ 2/83		GCSV	ORSTOM POLYNESIE 16	MIT	02 01.5S	148 11.5W	S BNTHO5MV

GMT TIME	D /M /Y DATE	LOC TIME	LOC TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
1703	23/ 2/83			GCSV	ORSTOM POLYNESIE 17	MIT	01 29.2S	148 10.1W	S BNTH05MV
2245	23/ 2/83			GCSV	ORSTOM POLYNESIE 18	MIT	00 29.5S	148 00.9W	S BNTH05MV
0402	24/ 2/83			GCSV	ORSTOM POLYNESIE 19	MIT	00 07.3N	147 57.6W	S BNTH05MV
0636	24/ 2/83			GCSV	ORSTOM POLYNESIE 20	MIT	00 29.3N	148 00.6W	S BNTH05MV
0846	24/ 2/83			GCSV	ORSTOM POLYNESIE 21	MIT	00 45.1N	147 59.4W	S BNTH05MV
0208	1/ 3/83			GCSV	ORSTOM POLYNESIE 22	MIT	00 03.1N	143 50.8W	S BNTH05MV
0712	1/ 3/83			GCSV	ORSTOM POLYNESIE 23	MIT	00 00.5S	143 01.6W	S BNTH05MV
1330	1/ 3/83			GCSV	ORSTOM POLYNESIE 24	MIT	00 00.3N	141 56.8W	S BNTH05MV
1910	1/ 3/83			GCSV	ORSTOM POLYNESIE 25	MIT	00 00.7S	141 00.1W	S BNTH05MV
0059	2/ 3/83			GCSV	ORSTOM POLYNESIE 26	MIT	00 01.5S	139 59.8W	S BNTH05MV
0700	2/ 3/83			GCSV	ORSTOM POLYNESIE 27	MIT	00 00.4S	138 59.7W	S BNTH05MV
0645	3/ 3/83			GCSV	ORSTOM POLYNESIE 28	MIT	01 57.8N	137 59.7W	S BNTH05MV
0900	3/ 3/83			GCSV	ORSTOM POLYNESIE 29	MIT	01 31.0N	137 59.8W	S BNTH05MV
1415	3/ 3/83			GCSV	ORSTOM POLYNESIE 30	MIT	01 58.2N	137 59.8W	S BNTH05MV
1652	3/ 3/83			GCSV	ORSTOM POLYNESIE 31	MIT	01 27.3N	138 00.4W	S BNTH05MV
1754	3/ 3/83			GCSV	ORSTOM POLYNESIE 32	MIT	01 15.5N	138 00.2W	S BNTH05MV
1912	3/ 3/83			GCSV	ORSTOM POLYNESIE 33	MIT	01 00.7N	138 00.5W	S BNTH05MV
2150	3/ 3/83			GCSV	ORSTOM POLYNESIE 34	MIT	00 30.2N	138 01.2W	S BNTH05MV
0049	4/ 3/83			GCSV	ORSTOM POLYNESIE 35	MIT	00 02.0S	138 00.8W	S BNTH05MV
0330	4/ 3/83			GCSV	ORSTOM POLYNESIE 36	MIT	00 30.6S	138 00.3W	S BNTH05MV
0618	4/ 3/83			GCSV	ORSTOM POLYNESIE 37	MIT	00 59.7S	137 59.8W	S BNTH05MV
0740	4/ 3/83			GCSV	ORSTOM POLYNESIE 38	MIT	01 14.1S	137 59.5W	S BNTH05MV
0910	4/ 3/83			GCSV	ORSTOM POLYNESIE 39	MIT	01 30.0S	137 59.4W	S BNTH05MV
1202	4/ 3/83			GCSV	ORSTOM POLYNESIE 40	MIT	02 01.0S	138 00.3W	S BNTH05MV
0312	8/ 3/83			GCSV	ORSTOM POLYNESIE 41	MIT	00 02.4S	144 41.5W	S BNTH05MV
0600	8/ 3/83			GCSV	ORSTOM POLYNESIE 42	MIT	00 31.6S	144 38.2W	S BNTH05MV
0820	8/ 3/83			GCSV	ORSTOM POLYNESIE 43	MIT	00 59.2S	144 46.6W	S BNTH05MV
1058	8/ 3/83			GCSV	ORSTOM POLYNESIE 44	MIT	01 30.0S	144 53.8W	S BNTH05MV
1340	8/ 3/83			GCSV	ORSTOM POLYNESIE 45	MIT	02 00.6S	145 00.5W	S BNTH05MV
1624	8/ 3/83			GCSV	ORSTOM POLYNESIE 46	MIT	02 29.8S	145 06.6W	S BNTH05MV
1910	8/ 3/83			GCSV	ORSTOM POLYNESIE 47	MIT	03 00.7S	145 14.6W	S BNTH05MV
2153	8/ 3/83			GCSV	ORSTOM POLYNESIE 48	MIT	03 30.8S	145 22.6W	S BNTH05MV
0044	9/ 3/83			GCSV	ORSTOM POLYNESIE 49	MIT	04 01.3S	145 30.8W	S BNTH05MV
0318	9/ 3/83			GCSV	ORSTOM POLYNESIE 50	MIT	04 29.5S	145 39.8W	S BNTH05MV
0605	9/ 3/83			GCSV	ORSTOM POLYNESIE 51	MIT	05 00.9S	145 49.0W	S BNTH05MV
1130	9/ 3/83			GCSV	ORSTOM POLYNESIE 52	MIT	05 59.8S	146 06.3W	S BNTH05MV
1715	9/ 3/83			GCSV	ORSTOM POLYNESIE 53	MIT	07 02.6S	146 21.4W	S BNTH05MV
2219	9/ 3/83			GCSV	ORSTOM POLYNESIE 54	MIT	07 59.5S	146 34.8W	S BNTH05MV
0340	10/ 3/83			GCSV	ORSTOM POLYNESIE 55	MIT	09 01.5S	146 50.3W	S BNTH05MV
0835	10/ 3/83			GCSV	ORSTOM POLYNESIE 56	MIT	09 58.9S	147 06.6W	S BNTH05MV
1345	10/ 3/83			GCSV	ORSTOM POLYNESIE 57	MIT	10 59.0S	147 24.4W	S BNTH05MV
1908	10/ 3/83			GCSV	ORSTOM POLYNESIE 58	MIT	11 59.6S	147 42.2W	S BNTH05MV
0050	11/ 3/83			GCSV	ORSTOM POLYNESIE 59	MIT	12 59.1S	148 10.8W	S BNTH05MV
1956	11/ 3/83			GCSV	ORSTOM POLYNESIE 60	MIT	15 04.7S	149 14.3W	S BNTH05MV

*** BATHYTHERMOGRAPH ***

0652	20/ 2/83			BTXP	XBT NOAA 01	MIT	16 57.7S	149 22.1W	S BNTH05MV
1254	20/ 2/83			BTXP	XBT NOAA 02	MIT	15 53.4S	149 15.7W	S BNTH05MV
1756	20/ 2/83			BTXP	XBT NOAA 03	MIT	14 59.7S	149 12.0W	S BNTH05MV
0019	21/ 2/83			BTXP	XBT NOAA 04	MIT	13 46.1S	149 08.2W	S BNTH05MV
0420	21/ 2/83			BTXP	XBT NOAA 05	MIT	12 58.5S	149 04.0W	S BNTH05MV

GMT TIME	D /M /Y DATE	LOC TIME	LOC TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
0920	21/ 2/83			BTXP	XBT NOAA 06	MIT	12 00.9S	148 59.7W S	BNTHO5MV
1450	21/ 2/83			BTXP	XBT NOAA 07	MIT	10 59.7S	148 54.9W S	BNTHO5MV
2005	21/ 2/83			BTXP	XBT NOAA 08	MIT	09 60.0S	148 47.2W S	BNTHO5MV
0106	22/ 2/83			BTXP	XBT NOAA 09	MIT	09 03.6S	148 42.9W S	BNTHO5MV
0631	22/ 2/83			BTXP	XBT NOAA 10	MIT	07 59.0S	148 38.9W S	BNTHO5MV
1127	22/ 2/83			BTXP	XBT NOAA 11	MIT	06 59.9S	148 36.5W S	BNTHO5MV
1632	22/ 2/83			BTXP	XBT NOAA 12	MIT	05 59.8S	148 31.5W S	BNTHO5MV
2151	22/ 2/83			BTXP	XBT NOAA 13	MIT	04 58.6S	148 29.5W S	BNTHO5MV
0030	23/ 2/83			BTXP	XBT NOAA 14	MIT	04 30.3S	148 27.3W S	BNTHO5MV
0520	23/ 2/83			BTXP	XBT NOAA 15	MIT	03 59.0S	148 21.4W S	BNTHO5MV
0610	23/ 2/83			BTXP	XBT NOAA 16	MIT	03 27.6S	148 18.1W S	BNTHO5MV
0835	23/ 2/83			BTXP	XBT NOAA 17	MIT	03 00.5S	148 15.6W S	BNTHO5MV
1119	23/ 2/83			BTXP	XBT NOAA 18	MIT	02 30.3S	148 13.2W S	BNTHO5MV
1404	23/ 2/83			BTXP	XBT NOAA 19	MIT	02 01.5S	148 11.5W S	BNTHO5MV
1703	23/ 2/83			BTXP	XBT NOAA 20	MIT	01 29.2S	148 10.1W S	BNTHO5MV
1947	23/ 2/83			BTXP	XBT NOAA 21	MIT	01 00.4S	148 06.6W S	BNTHO5MV
2247	23/ 2/83			BTXP	XBT NOAA 22	MIT	00 30.0S	148 01.0W S	BNTHO5MV
0402	24/ 2/83			BTXP	XBT NOAA 23	MIT	00 07.3N	147 57.6W S	BNTHO5MV
0636	24/ 2/83			BTXP	XBT NOAA 24	MIT	00 29.3N	148 00.5W S	BNTHO5MV
0646	24/ 2/83			BTXP	XBT NOAA 25	MIT	00 30.7N	148 00.6W S	BNTHO5MV
0840	24/ 2/83			BTXP	XBT NOAA 26	MIT	00 46.2N	147 59.6W S	BNTHO5MV
0208	1/ 3/83			BTXP	XBT NOAA 27	MIT	00 03.1N	143 50.8W S	BNTHO5MV
0712	1/ 3/83			BTXP	XBT NOAA 28	MIT	00 00.5S	143 01.6W S	BNTHO5MV
1330	1/ 3/83			BTXP	XBT NOAA 29	MIT	00 00.3N	141 56.8W S	BNTHO5MV
1910	1/ 3/83			BTXP	XBT NOAA 30	MIT	00 00.7S	141 00.1W S	BNTHO5MV
0055	2/ 3/83			BTXP	XBT NOAA 31	MIT	00 01.5S	139 59.8W S	BNTHO5MV
0700	2/ 3/83			BTXP	XBT NOAA 32	MIT	00 00.4S	136 59.7W S	BNTHO5MV
0645	2/ 3/83			BTXP	XBT NOAA 33	MIT	00 00.4S	139 02.2W S	BNTHO5MV
0900	3/ 3/83			BTXP	XBT NOAA 34	MIT	01 31.0N	137 59.8W S	BNTHO5MV
1110	3/ 3/83			BTXP	XBT NOAA 35	MIT	01 32.7N	138 00.7W S	BNTHO5MV
1415	3/ 3/83			BTXP	XBT NOAA 36	MIT	01 58.2N	137 59.8W S	BNTHO5MV
1652	3/ 3/83			BTXP	XBT NOAA 37	MIT	01 27.3N	138 00.4W S	BNTHO5MV
1754	3/ 3/83			BTXP	XBT NOAA 38	MIT	01 15.5N	136 00.7W S	BNTHO5MV
1912	3/ 3/83			BTXP	XBT NOAA 39	MIT	01 00.7N	138 00.5W S	BNTHO5MV
2150	3/ 3/83			BTXP	XBT NOAA 40	MIT	00 30.2N	138 01.2W S	BNTHO5MV
0046	4/ 3/83			BTXP	XBT NOAA 41	MIT	00 02.0S	138 00.8W S	BNTHO5MV
0330	4/ 3/83			BTXP	XBT NOAA 42	MIT	00 30.6S	136 00.3W S	BNTHO5MV
0618	4/ 3/83			BTXP	XBT NOAA 43	MIT	00 59.7S	137 59.8W S	BNTHO5MV
0740	4/ 3/83			BTXP	XBT NOAA 44	MIT	01 14.1S	137 59.5W S	BNTHO5MV
0910	4/ 3/83			BTXP	XBT NOAA 45	MIT	01 30.0S	137 59.4W S	BNTHO5MV
1202	4/ 3/83			BTXP	XBT NOAA 46	MIT	02 01.0S	138 00.3W S	BNTHO5MV
0312	8/ 3/83			BTXP	XBT NOAA 47	MIT	00 02.4S	144 41.5W S	BNTHO5MV
0600	8/ 3/83			BTXP	XBT NOAA 48	MIT	00 31.6S	144 38.2W S	BNTHO5MV
0820	8/ 3/83			BTXP	XBT NOAA 49	MIT	00 59.2S	144 46.6W S	BNTHO5MV
1058	8/ 3/83			BTXP	XBT NOAA 50	MIT	01 30.0S	144 53.8W S	BNTHO5MV
1340	8/ 3/83			BTXP	XBT NOAA 51	MIT	02 00.6S	145 00.5W S	BNTHO5MV
1624	8/ 3/83			BTXP	XBT NOAA 52	MIT	02 29.8S	145 06.6W S	BNTHO5MV
1910	8/ 3/83			BTXP	XBT NOAA 53	MIT	03 00.7S	145 14.6W S	BNTHO5MV
2153	8/ 3/83			BTXP	XBT NOAA 54	MIT	03 30.8S	145 22.6W S	BNTHO5MV
0044	9/ 3/83			BTXP	XBT NOAA 55	MIT	04 01.3S	145 30.8W S	BNTHO5MV
0318	9/ 3/83			BTXP	XBT NOAA 56	MIT	04 29.5S	145 39.8W S	BNTHO5MV
0605	9/ 3/83			BTXP	XBT NOAA 57	MIT	05 00.9S	145 49.0W S	BNTHO5MV
1130	9/ 3/83			BTXP	XBT NOAA 58	MIT	05 59.8S	146 06.3W S	BNTHO5MV

GMT TIME	D /M /Y DATE	LOC. TIME	LOC TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
1715	9/ 3/83			BTXP	XBT NOAA 59	MIT	07 02.6S	146 21.4W	S BNTH05MV
2219	9/ 3/83			BTXP	XBT NOAA 60	MIT	07 59.5S	146 34.8W	S BNTH05MV
0340	10/ 3/83			BTXP	XBT NOAA 61	MIT	09 01.5S	146 50.3W	S BNTH05MV
0834	10/ 3/83			BTXP	XBT NOAA 62	MIT	09 58.7S	147 06.5W	S BNTH05MV
1345	10/ 3/83			BTXP	XBT NOAA 63	MIT	10 59.0S	147 24.4W	S BNTH05MV
1908	10/ 3/83			BTXP	XBT NOAA 64	MIT	11 59.6S	147 42.2W	S BNTH05MV
0050	11/ 3/83			BTXP	XBT NOAA 65	MIT	12 59.1S	148 10.8W	S BNTH05MV
0710	11/ 3/83			BTXP	XBT NOAA 66	MIT	13 58.0S	148 47.5W	S BNTH05MV
1656	11/ 3/83			BTXP	XBT NOAA 67	MIT	14 52.7S	149 13.8W	S BNTH05MV

9900 END SAMPLE INDEX BNTH05MV