INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA *

(Issued October 1983)

BENTHIC EXPEDITION

LEG 3

Honolulu, Hawaii (2 December 1982)
to
Honolulu, Hawaii (29 December 1982)

R/V Melville

Chief Scientist - R. Weiss (SIO)

Resident Marine Tech - G. Pillard

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

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.

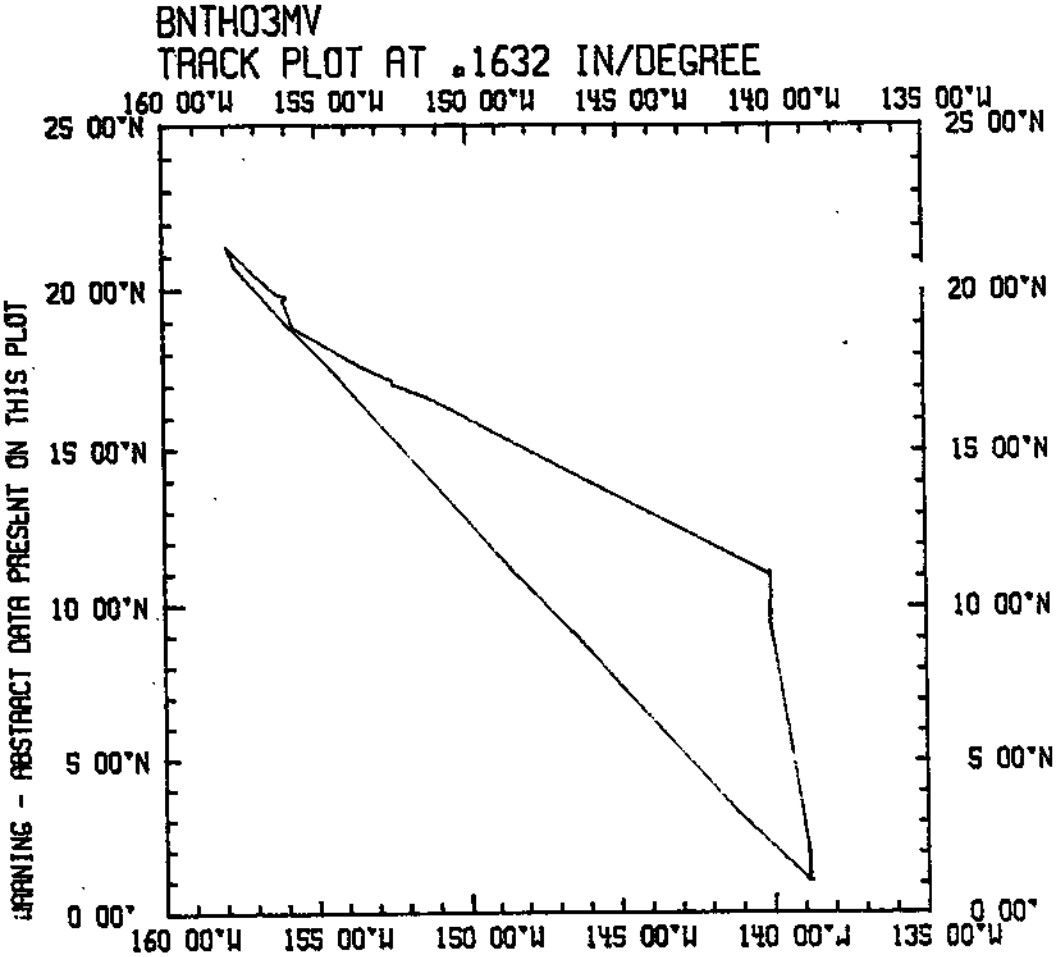
Sample Index - list of beginning and end times and positions of all underway records as well as all other samples (geology, biology, physical oceanography, etc.) collected on the cruise leg.

For information on the availability and reproduction costs of data in the following forms, contact S. N. 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 NGD77 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)

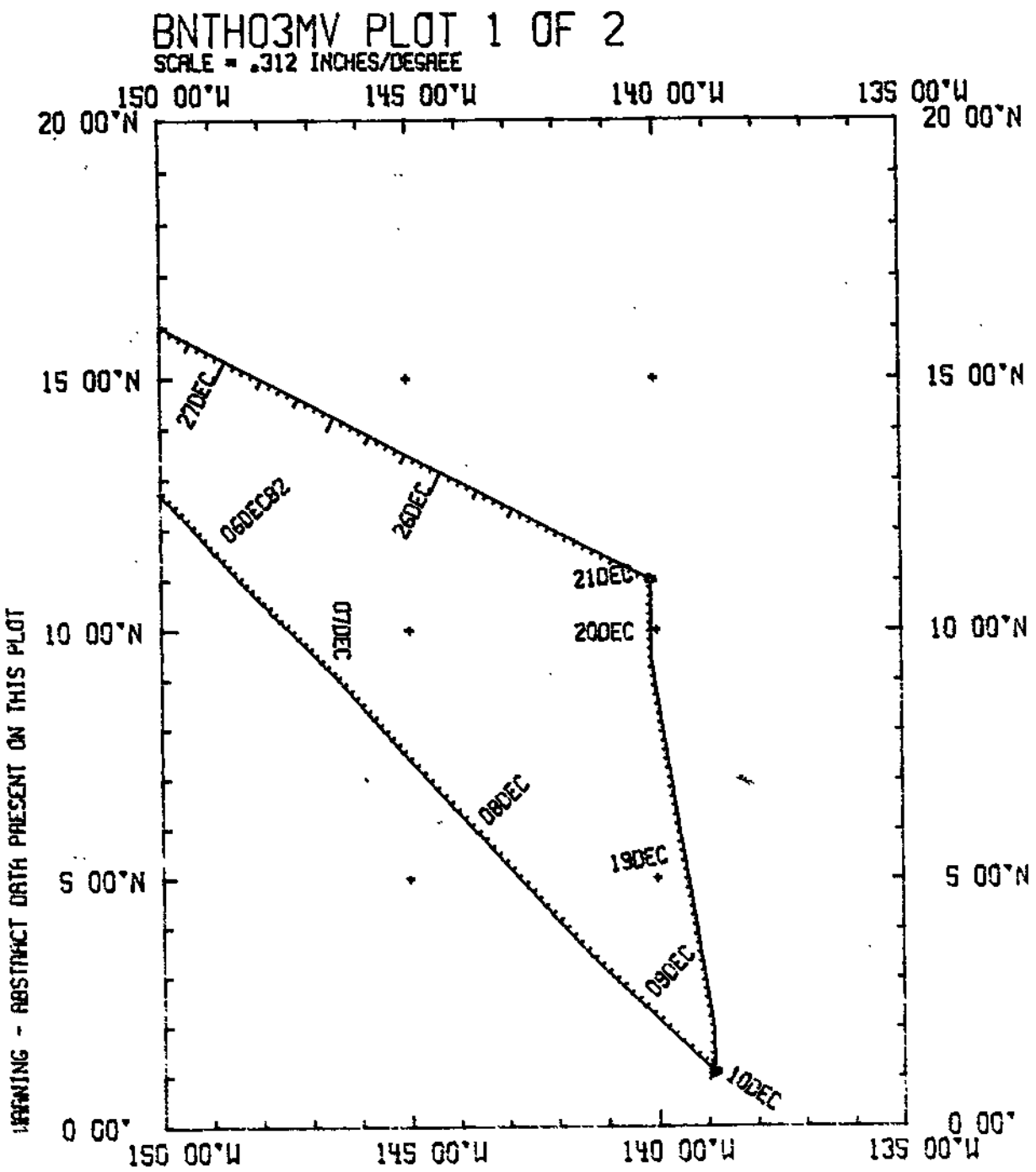
* Only navigation and Sample Index included in this report

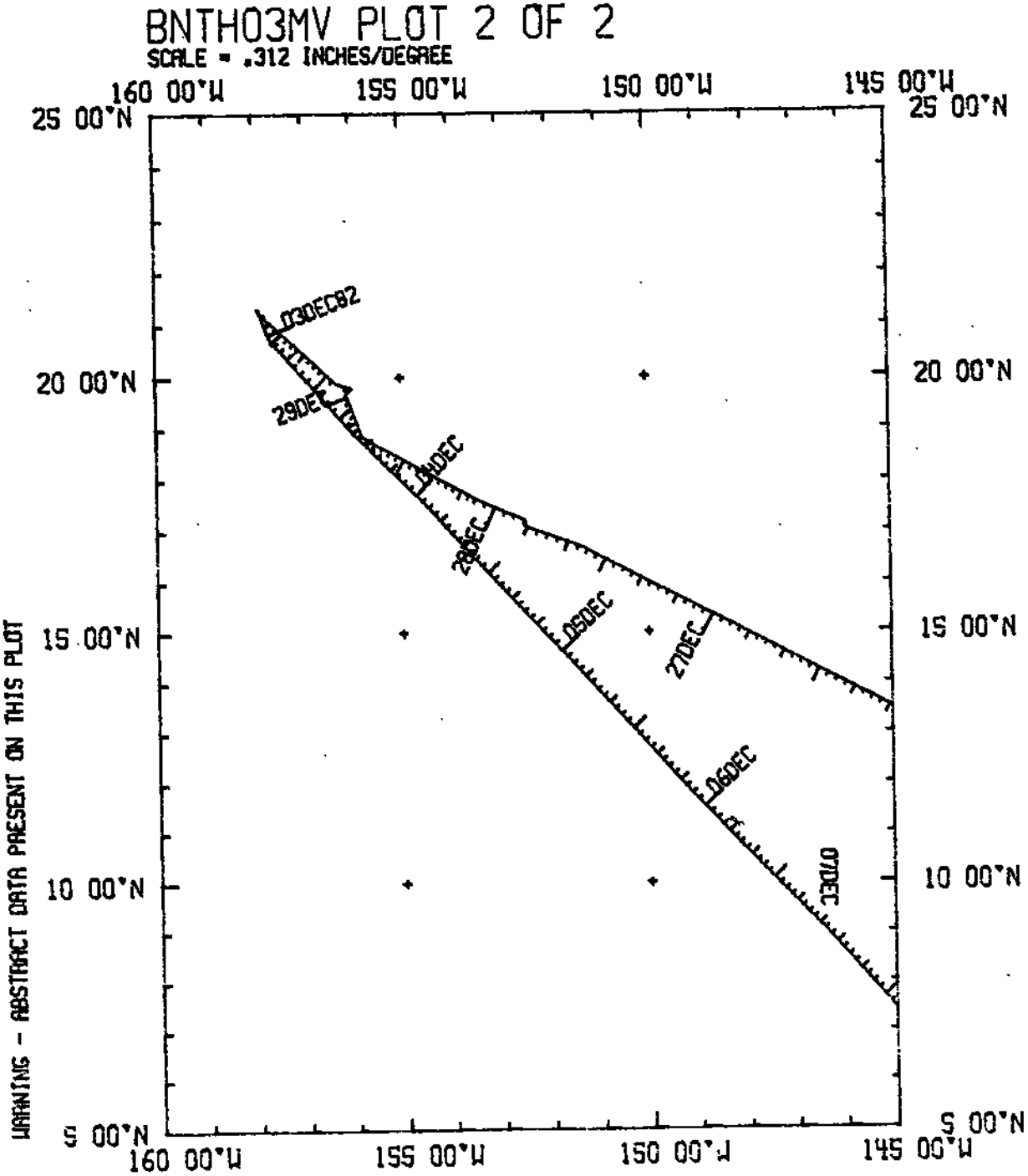


BENTHIC EXPEDITION
LEG 3

CHIEF SCIENTIST- R. Weiss
Ports: Honolulu - Honolulu, Hawaii
Dates: 2 - 29 December 1982
Ship: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED
1) Cruise - 3797 miles
2) Bathymetry - collected but not processed
3) Magnetics - collected but not processed
4) Seismic Reflection - none collected
5) Gravity - none collected
6) Seabeam - none collected


BNTH03MV PLOT 1 OF 2
SCALE = .312 INCHES/DEGREE
150 00'W
145 00'W
140 00'W
135 00'W
20 00'N
15 00'N
10 00'N
5 00'N
0 00'
270EC
060EC82
260EC
210EC
200EC
330EC
080EC
190EC
090EC
100EC
WARNING - ABSTRACT DATA PRESENT ON THIS PLOT


BNTH03MV PLOT 2 OF 2
SCALE = .312 INCHES/DEGREE
160 00°W
155 00°W
150 00°W
145 00°W
25 00°N
20 00°N
15 00°N
10 00°N
5 00°N
030EC82
29DE
040EC
280EC
050EC
270EC
060EC
070EC
WARNING - ABSTRACT DATA PRESENT ON THIS PLOT

S.I.O. Sample Index

(Issued October 1983)

BENTHIC EXPEDITION

Leg 3

Honolulu, Hawaii (2 December 1982)
to
Honolulu, Hawaii (29 December 1982)

R/V Melville

Chief Scientist - R. Weiss

Resident Marine Tech - G. Pillard

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

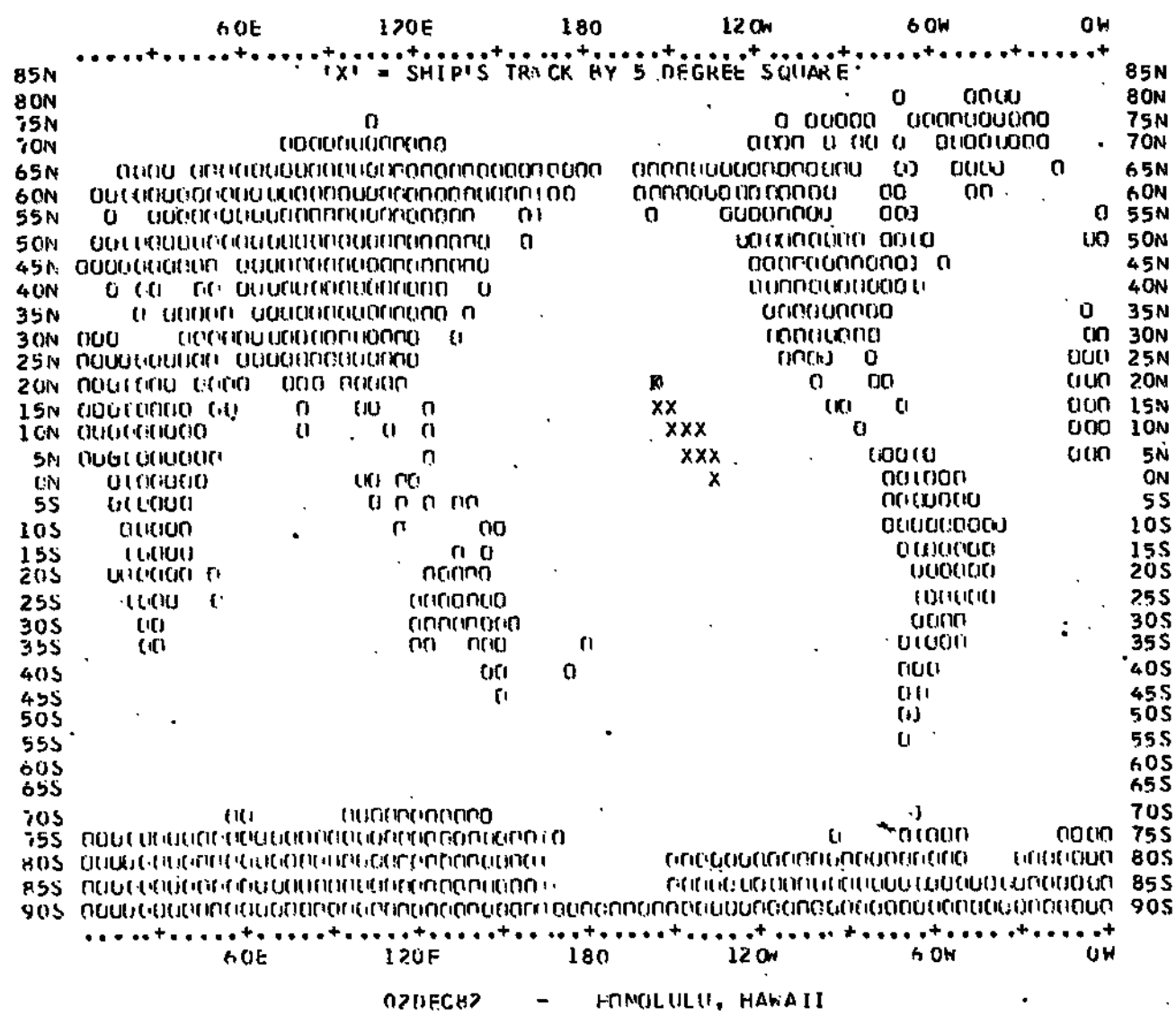
The Sample Index is a first level interdisciplinary listing of time, position, sample identification and disposition of all samples, records and measurements collected on this cruise leg. The index data are encoded at sea by the resident technician and processed on shore by the S.I.O. Geological Data 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 17OCT83

*** BENTHIC LEG 3 SAMPLE INDEX (BNTH03MV) ***



02DEC82 - HONOLULU, HAWAII

TO

29DEC82 - HONOLULU,HAWAII

CHIEF SCIENTIST - WEISS,R. GKD

SHIP - R/V MELVILLE (SIO)

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										TOTAL
	CM	CO	DP	GC	HC	MG	NE	PE	SD	SS	
AMS	1	4							4	1	8
GDC	1		2			1				1	3
GRD	1		2					7		1	9
LDC	1							2		1	2
MBD	1							2		1	2
MLR	1							2		1	2
MPL	1							1		1	1
MTG	1							2		1	2
OSU	1	4	13		2	6	2	4	8	1	39
RFW	1				3					1	3
SIX	1		1		4			5		9 1	19
UKI	1				1					1	1
USC	1									4 1	4
UWA	1				5	1		3		1	9
TOTAL	1	4	18	4	15	7	1	2	28	12	13 1 104

SAMPLE 'TYPE' CODES USED ABOVE

CM = CURRENT MEASUREMENT
CO = CORE
DP = DEPTH
GC = GEOCHEMICAL SAMPLING
HC = HYDROGRAPHIC CAST
MG = MAGNETICS (TOWED VEHICLE, SURFACE, TOTAL FIELD)
NE = NEPHELOMETER
PE = PERSONNEL IN SCIENTIFIC PARTY
SD = SEDIMENT TRAP
SS = SURFACE SAMPLE

SAMPLE 'DISP' CODES USED ABOVE

AMS = ANDREW SOUTAR (PALEOECOLOGY EXT. 2171)
GDC = GEOLOGICAL DATA CENTER -- S. SMITH (EXT. 2752)
GRD = GEOLOGICAL RESEARCH DIVISION (EXT. 3360)
LDC = LAMONT-DOHERTY GEOPHYSICAL OBSERVATORY, COLUMBIA UNIVERSITY
MBD = MARINE BIOLOGY RESEARCH DIVISION (EXT. 4245)
MLR = MARINE LIFE RESEARCH GROUP (EXT. 2866)
MPL = MARINE PHYSICAL LAB. (EXT 230*)
MTG = MARINE TECHNOLOGY GROUP (EXT 4194)
OSU = OREGON STATE UNIVERSITY
RFW = RAY REISS (GRD, EXT. 2598)
SIX = SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.3675)
UWA = UNIV. OF WASHINGTON, SEATTLE

GMT TIME	D /M /Y DATE	LOC TIME	LOC TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
	/ /	000			BENTHIC LEG 3 SAMPLE INDEX	00	00.	00 00.	BNTH03MV
*** PORTS ***									
2115	02/12/83				LGPT B HONOLULU, HAWAII		21 18. N	157 52. W	F BNTH03MV
1600	29/12/83				LGPT F HONOLULU,HAWAII		21 18. N	157 52. W	F BNTH03MV

PERSONNEL

	*** NAME ***	*** TITLE ***	*** AFFILIATION ***
1	WEISS,R.	CHIEF SCIENTIST	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
2	MOORE,M.	COMPUTER TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
3	PILLARD,G.	RESIDENT TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
4	CHRISTIANSEN,M.	DEVELOPMENT TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
5	JAHN,J.	DEVELOPMENT ENG.	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
6	JAHNKE,J.	POST-DOC	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
7	KIRSTEN,D.	DEVELOPMENT ENG.	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
8	KROUSE,A.	DEVELOPMENT TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
9	LILLIE,T.	DEVELOPMENT ENG	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
10	SAVSIK,F.	ELECTRONICS TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
11	[illegible],S.	TECHNICIAN	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
12	WEIBERS,C.	POST-DOC	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
13	[illegible],M.	TECHNICIAN	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
14	STOTAR,A.	SCIENTIST	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
15	BUCHHOLTZ,M.	GRAD. STUDENT	LAMONT-DOHERTY GEOPHYSICAL OBSERVATORY, COLUMBIA UNIVERSITY
16	[illegible],D.	ASST. SCIENTIST	SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.367
17	[illegible],A. (URI)	GRAD. STUDENT	SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.367
18	KAMP,D. (URI)	TECHNICIAN	SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.367
19	KALHORN,S.	TECHNICIAN	UNIV. OF WASHINGTON, SEATTLE
20	KISARAPE,M. (USC)	GRAD.STUDENT	SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.367
21	[illegible],D.	GRAD.STUDENT	UNIV. OF WASHINGTON, SEATTLE
22	MOSER,J.	TECHNICIAN	OREGON STATE UNIVERSITY
23	NAMPRAH,P.	GRAD. STUDENT	SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.367
24	[illegible],D.	GRAD. STUDENT	OREGON STATE UNIVERSITY
25	MURPHY,K.	GRAD. STUDENT	OREGON STATE UNIVERSITY
26	SANTSCHI,P.	SCIENTIST	LAMONT-DOHERTY GEOPHYSICAL OBSERVATORY, COLUMBIA UNIVERSITY
27	WOLKIS,A.	TECHNICIAN	UNIV. OF WASHINGTON, SEATTLE
28	WELSH,I.	GRAD.STUDENT	OREGON STATE UNIVERSITY

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, HOW MANY SAMPLE ENTRIES, IS THE WATER DEPTH IN CORRECTED METERS.

GMT TIME	D /M /Y DATE	LOC TIME	LOC TZ	CODE SAMP	SAMPLE IDENT.		CODE DISP	LAT.	LONG.		LEG-SHIP CRUISE
**** UNDERWAY DATA CURATOR - STUART M. SMITH EXT. 2752 ***											
*** BATHYGRAMS ***											
2115	02/12/82			DPRT	B EDO 12 KHZ R-01		GDC	21 18.N	157 52. W	S	RNTH03MV
1100	12/12/82			DPRT	E EDO 12 KHZ R-01		GDC	01 03.7N	138 56.7W	S	RNTH03MV
1535	12/12/82			DPRT	B EDO 12 KHZ R-02		GRD	01 01.5N	138 57.6W	S	RNTH03MV
1810	21/12/82			DPRT	E EDO 12 KHZ R-02		GRD	11 01.2N	140 02.4W	S	RNTH03MV
1835	21/12/82			DPRT	B EDO 12 KHZ R-03		GRD	11 01.3N	140 02.1W	S	RNTH03MV
1837	29/12/82			DPRT	E EDO 12 KHZ R-03		GRD	21 16.4N	157 53.3W	S	RNTH03MV
0025	20/12/82			DPR3	B EDO 3.5KHZ R-01		GDC	09 54.2N	140 07.0W	S	RNTH03MV
0035	20/12/82			DPR3	E EDO 3.5KHZ R-01		GDC	10 58.4N	140 05.6W	S	RNTH03MV
*** MAGNETOMETER ***											
1550	03/12/82			MGRA	B MAGNETICS R-01		GDC	18 19.0N	155 21.0W	F	RNTH03MV
0025	20/12/82			MGRA	E MAGNETICS R-01		GDC	09 54.2N	140 07.0W	S	RNTH03MV
*** CORES ***											
1446	10/12/82			CORX	B BOX CORE C-11		OSU	01 06.5N	138 56.2W	S	RNTH03MV
1455	10/12/82			CORX	E BOX CORE C-11	4430M	OSU	01 06.5N	138 56.2W	S	RNTH03MV
0525	13/12/82			CORX	B BOX CORE C-14		ANS	01 03.6N	138 58.4W	S	RNTH03MV
0534	13/12/82			CORX	E BOX CORE C-14	4428M	ANS	01 03.6N	138 58.4W	S	RNTH03MV
0622	13/12/82			CORX	X BOX CORE C-15	4467M	ANS	01 04.8N	138 56.6W	S	RNTH03MV
2220	13/12/82			CORX	B BOX CORE C-16	4470M	ANS	01 04.6N	138 56.1W	S	RNTH03MV
2225	13/12/82			CORX	E BOX CORE C-16	4470M	ANS	01 04.6N	138 56.1W	S	RNTH03MV
0558	14/12/82			CORV	GRAV.CORE C-17	4467M	OSU	01 06.6N	138 54.3W	S	RNTH03MV
0644	14/12/82			CORV	GRAV.CORE C-18	4425M	OSU	01 04.9N	138 55.7W	S	RNTH03MV
0221	15/12/82			CORX	X BOX CORE C-19	4463M	ANS	01 04.2N	138 55.0W	S	RNTH03MV
1811	15/12/82			CORV	GRAV.CORE C-20	4290M	OSU	01 06.6N	139 01.2W	S	RNTH03MV
0415	16/12/82			CORV	GRAV.CORE C-21	4427M	OSU	01 04.2N	138 54.3W	S	RNTH03MV
0540	16/12/82			CORX	X BOX CORE C-22	4436M	ANS	01 03.4N	138 59.6W	S	RNTH03MV
1456	16/12/82			CORV	GRAV.CORE C-23	4379M	OSU	01 00.5N	138 56.6W	S	RNTH03MV
0305	17/12/82			CORX	X BOX CORE C-24	4446M	ANS	01 02.0N	138 57.0W	S	RNTH03MV
1326	17/12/82			CORV	GRAV.CORE C-25	4397M	OSU	01 02.7N	138 01.0W	S	RNTH03MV
1813	20/12/82			CORX	X BOX CORE C-28	4826M	ANS	11 01.1N	140 03.3W	S	RNTH03MV
0727	21/12/82			CORX	BOX CORE C-29	4932M	ANS	11 00.8N	140 04.3W	S	RNTH03MV
1453	21/12/82			CORV	GRAV.CORE C-30	4857M	OSU	11 01.0N	140 02.7W	S	RNTH03MV
0300	22/12/82			CORX	BOX CORE C-31	4897M	OSU	11 03.1N	140 04.6W	S	RNTH03MV
1023	22/12/82			CORV	GRAV.CORE C-32	4857M	OSU	11 07.3N	140 07.4W	S	RNTH03MV

GMT TIME	D /M /Y DATE	LOC TIME	LOC TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
1702	22/12/82			CDGV	GRAV.CORE C-33 4747M	OSU	11 03.4N	140 91.4W	S BNTH03MV
2117	22/12/82			CDGV X	GRAV.CORE C-34 4760M	OSU	11 01.7N	140 81.4W	S BNTH03MV
0515	23/12/82			CDBX	BOX CORE C-35 4938M	ANS	10 57.4N	140 05.1W	S BNTH03MV
1110	23/12/82			CDBX X	BOX CORE C-36 4846M	OSU	10 57.6N	140 02.3W	S BNTH03MV
1540	23/12/82			CDBX	BOX CORE C-37 4782M	OSU	11 01.4N	140 02.7W	S BNTH03MV
2208	23/12/82			CDXX R	QUADRAPOD CORE C-38	SIX	11 01.1N	140 04.6W	S BNTH03MV
2332	23/12/82			CDXX X	QUADRAPOD CORE 4930M	SIX	11 01.1N	140 04.6W	S BNTH03MV
0537	24/12/82			CDBX X	BOX CORE C-39 4859M	OSU	11 01.6N	140 07.1W	S BNTH03MV
1703	12/12/82			CDGV R	GRAV.CORE C-13 4425M	OSU	01 02.0N	138 57.1W	S BNTH03MV
1705	12/12/82			CDGV F	GRAV.CORE C-13 4425M	OSU	01 02.0N	138 57.1W	S BNTH03MV
*** DREDGES ***									
1355	14/12/82			DRDG X	ROCK DREDGE 05 4070M	OSU	00 54.9N	138 24.9W	S BNTH03MV
HYDROGRAPHIC CAST									
2233	06/12/82			HCNI X	HC 01 IRTL 4900M	URI	09 07.2N	146 32.0W	S BNTH03MV
0908	10/12/82			HCNI X	HC02 IRTL 4357M	OSU	01 03.0N	138 56.0W	S BNTH03MV
0425	11/12/82			HCNI	HC03 10RTL 4471M	OSU	01 03.3N	138 56.6W	S BNTH03MV
1600	13/12/82			HCNI	HC-04 02RTL 4461M	UWA	01 04.8N	138 56.5W	S BNTH03MV
1300	15/12/82			HCNI	HC 05 01RTL 4447M	OSU	01 05.2N	138 55.6W	S BNTH03MV
1327	17/12/82			HCNI	HC 06 10RTL 4451M	OSU	01 04.0N	138 57.5W	S BNTH03MV
0242	22/12/82			HCNI	HC 07 5RTL 4916M	OSU	11 01.0N	140 05.3W	S BNTH03MV
0939	24/12/82			HCNI	HC-09 6RTL 4905M	OSU	11 01.0N	140 05.3W	S BNTH03MV
1220	21/12/82			HCNI	HC-08 4RTL 4926M	OSU	11 01.0N	140 03.9W	S BNTH03MV
GEOCHEMICAL SAMPLE									
2233	06/12/82			GCXX R	HARPOON-C1(URI)5181M	SIX	09 07.2N	146 32.0W	S BNTH03MV
2337	06/12/82			GCXX F	INTERSTITIAL H2O	SIX	09 07.2N	146 32.0W	S BNTH03MV
0908	10/12/82			GCXX R	HARPOON-C2 4450M	UWA	01 03.0N	138 56.0W	S BNTH03MV
1009	10/12/82			GCXX F	INTERSTITIAL H2O	UWA	01 03.0N	138 56.0W	S BNTH03MV
0432	10/12/82			GCXX R	MANOP LANDER C-12	RFW	01 03.3N	138 56.5W	S BNTH03MV
1500	10/12/82			GCXX F	C-12 4450M	RFW	01 03.3N	138 56.5W	S BNTH03MV
0910	11/12/82			GCXX R	HARPOON C3 4437M	UWA	01 02.9N	138 56.5W	S BNTH03MV
1015	11/12/82			GCXX F	INTERSTITIAL H2O	UWA	01 02.9N	138 56.5W	S BNTH03MV
0927	12/12/82			GCXX R	QUADRAPOD(URI) 4461M	SIX	01 03.4N	138 57.6W	S BNTH03MV
1050	12/12/82			GCXX F	QUADRAPOD(URI) 4461M	SIX	01 03.4N	138 57.6W	S BNTH03MV
0114	13/12/82			GCXX R	MANOP LANDER C-26	RFW	01 03.2N	138 56.4W	S BNTH03MV
2026	17/12/82			GCXX F	MANOP LANDER C-44bis	RFW	01 03.1N	138 56.5W	S BNTH03MV

GMT TIME	D /M /Y DATE	LOC TIME	LOC TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.		LEG-SHIP CRUISE
1528	13/12/82			GCXX B	HARPOON 04 4461M	UWA 01	04.8N	138 56.6W	S	RNTH03MV
1638	13/12/82			GCXX E	HARPOON 04 4461M	UWA 01	04.8N	138 56.6W	S	RNTH03MV
0741	15/12/82			GCXX B	HARPOON 05 4483M	UWA 01	07.1N	138 55.4W	S	RNTH03MV
0843	15/12/82			GCXX E	HARPOON 05 4483M	UWA 01	07.1N	138 55.4W	S	RNTH03MV
1220	15/12/82			GCXX B	HARPOON 06 4447M	URI 01	05.2N	138 55.6W	S	RNTH03MV
1335	15/12/82			GCXX E	HARPOON 06 4447M	URI 01	05.2N	138 55.6W	S	RNTH03MV
1955	16/12/82			GCXX B	HARPOON 07(URI) 4448M	SIX 01	02.4N	139 01.0W	S	RNTH03MV
2055	16/12/82			GCXX E	HARPOON 07(URI) 4448M	SIX 01	02.4N	139 01.0W	S	RNTH03MV
1155	20/12/82			GCXX B	MANOP LANDER C-27	RFW 11	06.7N	140 05.7W	S	RNTH03MV
1923	24/12/82			GCXX E	MANOP LANDER 4904M	RFW 11	06.7N	140 05.7W	S	RNTH03MV
1213	21/12/82			GCXX B	HARPOON-08 4928M	UWA 11	01.0N	140 03.9W	S	RNTH03MV
1253	21/12/82			GCXX E	HARPOON-08 4928M	UWA 11	01.0N	140 03.9W	S	RNTH03MV
2208	23/12/82			GCXX B	QUADRAPOD(URI) 4930M	SIX 11	01.1N	140 04.6W	S	RNTH03MV
2332	23/12/82			GCXX E	QUADRAPOD(URI) 4930M	SIX 11	01.1N	140 04.6W	S	RNTH03MV
CURRENT MEASUREMENT										
0200	12/12/82			GCXX B	CURRENT METER 4451M	OSU 01	02.6N	138 57.9W	S	RNTH03MV
1600	29/12/80			GCXX C	CURRENT METER 4451M	OSU 01	02.6N	138 57.9W	S	RNTH03MV
2318	20/12/82			CMXX B	CURRENT METER 4940M	OSU 11	00.2N	140 04.2W	S	RNTH03MV
1600	29/12/82			CMXX C	CURRENT METER 4940M	OSU 21	18. N	157 52. W	F	RNTH03MV
1800	24/12/82			CMXX B	CURRENT METERS 4930M	OSU 10	59.8N	140 05.1W	S	RNTH03MV
1600	29/12/82			CMXX C	CURRENT METERS 4930M	OSU 21	18. N	157 52. W	F	RNTH03MV
SURFACE SAMPLE										
0348	03/12/82			SSXX	BE-9 BE-10 M-01	SIX 20	23.4N	157 21.1W	S	RNTH03MV
0258	04/12/82			SSXX	BE-9 BE-10 M-02	SIX 17	20.4N	154 20.0W	S	RNTH03MV
0252	05/12/82			SSXX	BE-9 BE-10 M-03	SIX 14	16.3N	151 27.0W	S	RNTH03MV
0310	05/12/82			SSXX	BE-9 BE-10 M-04	SIX 11	06.0N	148 31.0W	S	RNTH03MV
0300	17/12/82			SSXX	BE-9 BE-10 M-05	SIX 08	34.3N	146 03.5W	S	RNTH03MV
0310	08/12/82			SSXX	BE-9 BE-10 M-06	SIX 05	30.2N	143 12.0W	S	RNTH03MV
0200	09/12/82			SSXX	BE-9 BE-10 M-07	SIX 02	04.9N	139 56.4W	S	RNTH03MV
2130	18/12/82			SSXX	BE-9 BE-10 M-08	SIX 05	06.5N	139 26.7W	S	RNTH03MV
1935	19/12/82			SSXX	BE-9 BE-10 M-09	SIX 09	07.2N	140 06.6W	S	RNTH03MV
0210	23/12/82			SSXX	BE-9 BE-10 M-10	USC 10	58.3N	140 05.4W	S	RNTH03MV
1925	25/12/82			SSXX	BE-9 BE-10 M-11	USC 12	41.8N	143 27.7W	S	RNTH03MV
1920	26/12/82			SSXX	BE-9 BE-10 M-12	USC 14	56.9N	147 48.9W	S	RNTH03MV

GMT TIME	D /M /Y DATE	LOC TIME	LOC TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.		LEG-SHIP CRUISE
2040	27/12/82			SSXX BE-9 BE-10 M-13		USC	17 13.1N	152 26.4W	S	RNTH03MV
SEDIMENT TRAP										
0200	12/12/82			SDTR B SEDIMENT TRAP	4451M	OSU	01 02.6N	138 57.9W	S	RNTH03MV
1600	29/12/82			SDTR C SEDIMENT TRAP		OSU	21 18. N	157 52. W	F	RNTH03MV
0200	12/12/82			SDTR B 4171 4296 4371	4446M	ANS	01 02.6N	138 57.9W	S	RNTH03MV
1600	29/12/82			SDTR C SEDIMENT TRAPS		ANS	21 18. N	157 52. W	F	RNTH03MV
0140	16/12/82			SDTR B SEDIMENT TRAPS		OSU	01 02.2N	138 56.3W	S	RNTH03MV
1600	29/12/82			SDTR C SEDIMENT TRAPS	4930M	OSU	21 18. N	157 52. W	F	RNTH03MV
0142	22/12/82			SDTR B SEDIMENT TRAP	4816M	OSU	11 04.2N	140 09.3W	S	RNTH03MV
1600	29/12/82			SDTR C SEDIMENT TRAP	4816M	OSU	21 18. N	157 52. W	F	RNTH03MV
1800	24/12/82			SDTR B SEDIMENT TRAP	4930M	ANS	10 59.8N	140 05.1W	S	RNTH03MV
1600	29/12/82			SDTR C SEDIMENT TRAP	4930M	ANS	21 18. N	157 52. W	F	RNTH03MV
1800	24/12/82			SDTR B SEDIMENT TRAPS	4930M	OSU	10 59.8N	140 05.1W	S	RNTH03MV
1600	29/12/82			SDTR C SEDIMENT TRAPS	4930M	OSU	21 18. N	157 52. W	F	RNTH03MV
*** NEPHELOMETER ***										
2318	20/12/82			NEAH B NEPHELOMETER	4940M	OSU	11 00.2N	140 04.2W	S	RNTH03MV
1600	29/12/82			NEAH C NEPHELOMETER	4940M	OSU	21 18. N	157 52. W	F	RNTH03MV
99				END SAMPLE INDEX						RNTH03MV