

INFORMAL REPORT AND INDEX OF
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA
(Issued May 1983)

PASCUA EXPEDITION

LEG 3

Easter Island (3 March 1983)
to
Easter Island (28 March 1983)

R/V T. Washington

Chief Scientist - H. Craig (SIO)

Resident Marine Tech - R. Comer

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 shortly 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.# - 205

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.

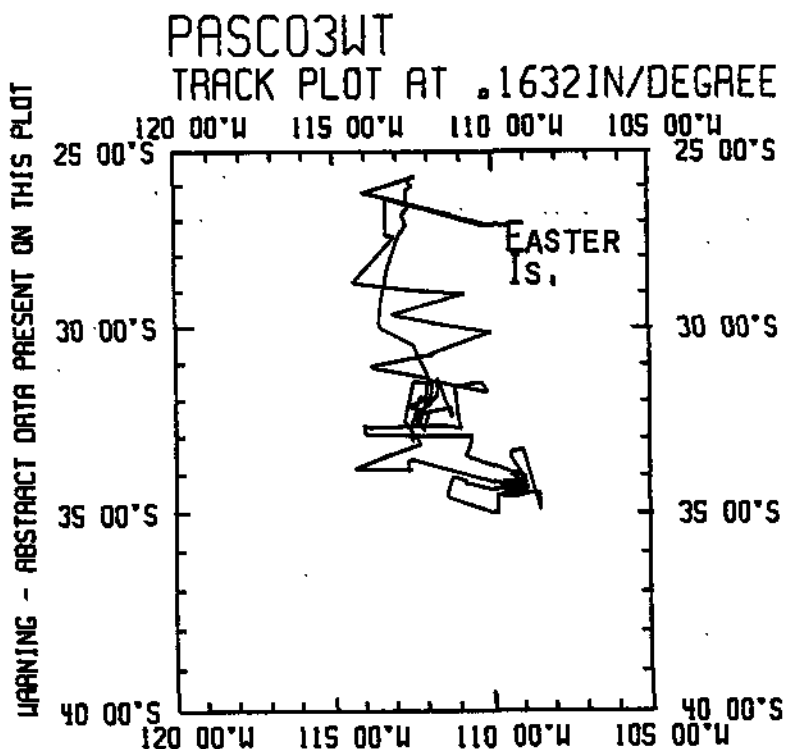
For information on the availability and reproduction costs of data in the following forms, contact S. M. Smith, Curator, Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093. Phone (714) 452-2752.

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 $\frac{2}{3}$ 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

S.I.O. Sea Beam Data

As of June 1982 the institution's procedures for handling Sea Beam data are still evolving. The following forms are available, subject to approval of the cruise leg chief scientist.

- 1) Archive copy of contour swath books generated in real time on board ship available for inspection at the data center.
- 2) Microfilm (35mm flowfilm) containing swath books plus, for some cruises, the UGR monitor record and navigation listings.
- 3) Sea Beam merged tapes - Sea Beam data merged with navigation is done on the basis of adjusting to overlapping Sea Beam swaths.)
- 4) Custom generated plots of Sea Beam swaths on Mercator track lines and to edit out beams (bad data or overlapping data



PASCUA EXPEDITION
LEG 3

Chief Scientist - H. Craig (SIO)
Ports: Easter Island - Easter Island
Dates: 3 - 28 March 1983
Ship: R/V T. Washington

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

- 1) Cruise - 5043 miles
- 2) Bathymetry - 5030 miles
- 3) Magnetics - 4799 miles
- 4) Seismic Reflection - none collected
- 5) Gravity - none collected
- 6) Seabeam - 5040 miles

PASCO3WT

SCALE = .6 INCHES/DEGREE

115 00°W
25 00°S

110 00°W

105 00°W
25 00°S

30 00°S

30 00°S

35 00°S

35 00°S

36 00°S

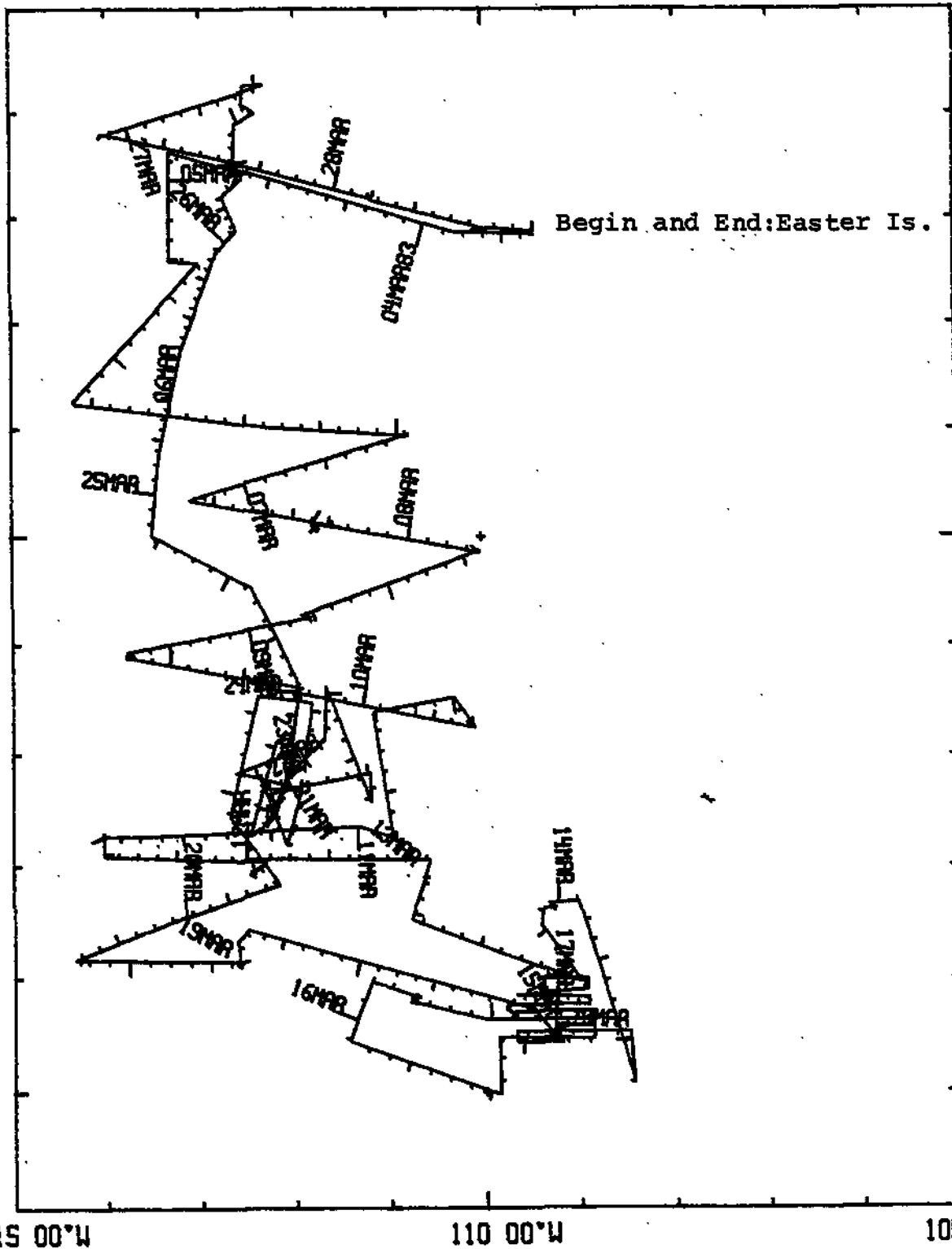
36 00°S

115 00°W

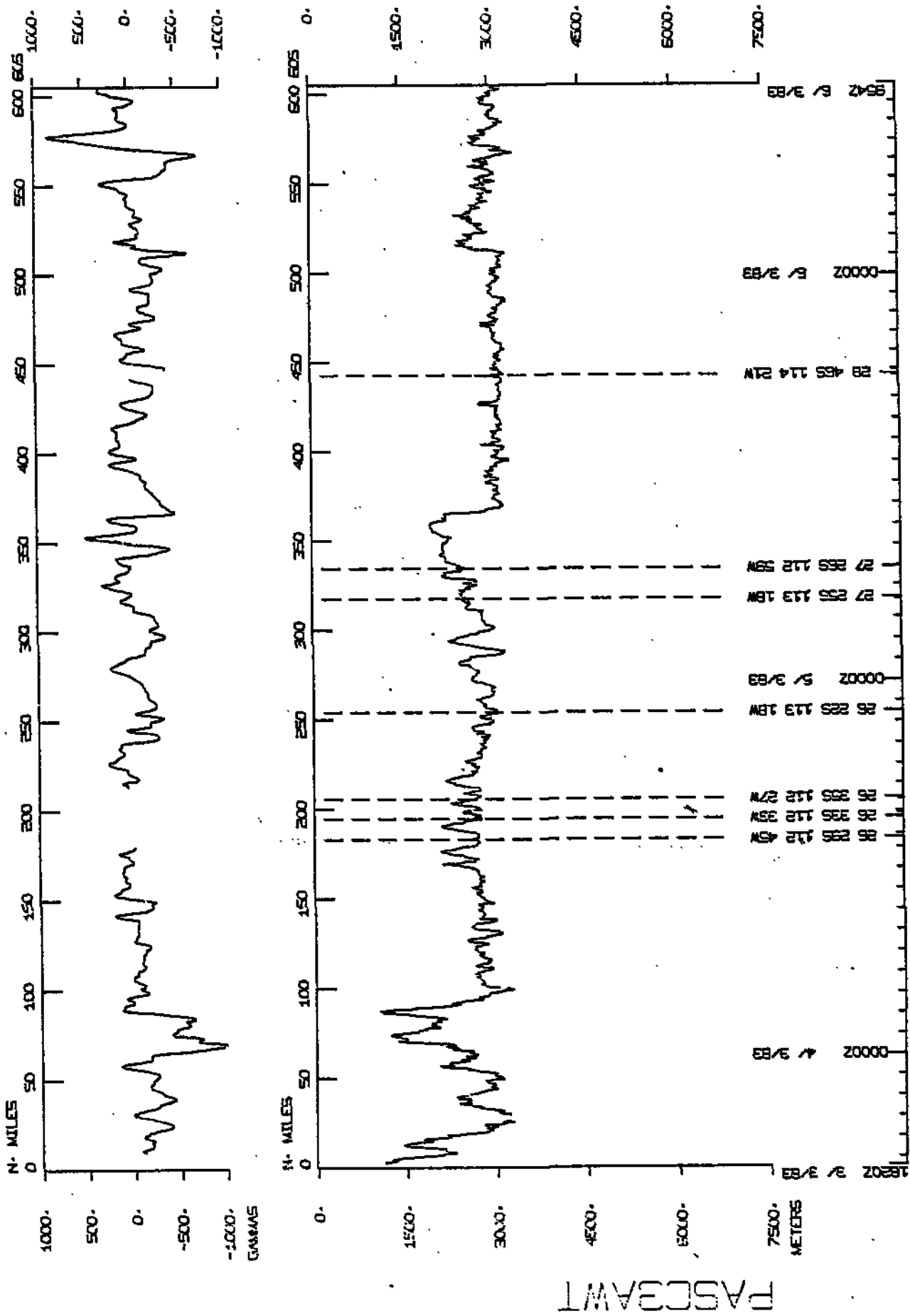
110 00°W

105 00°W

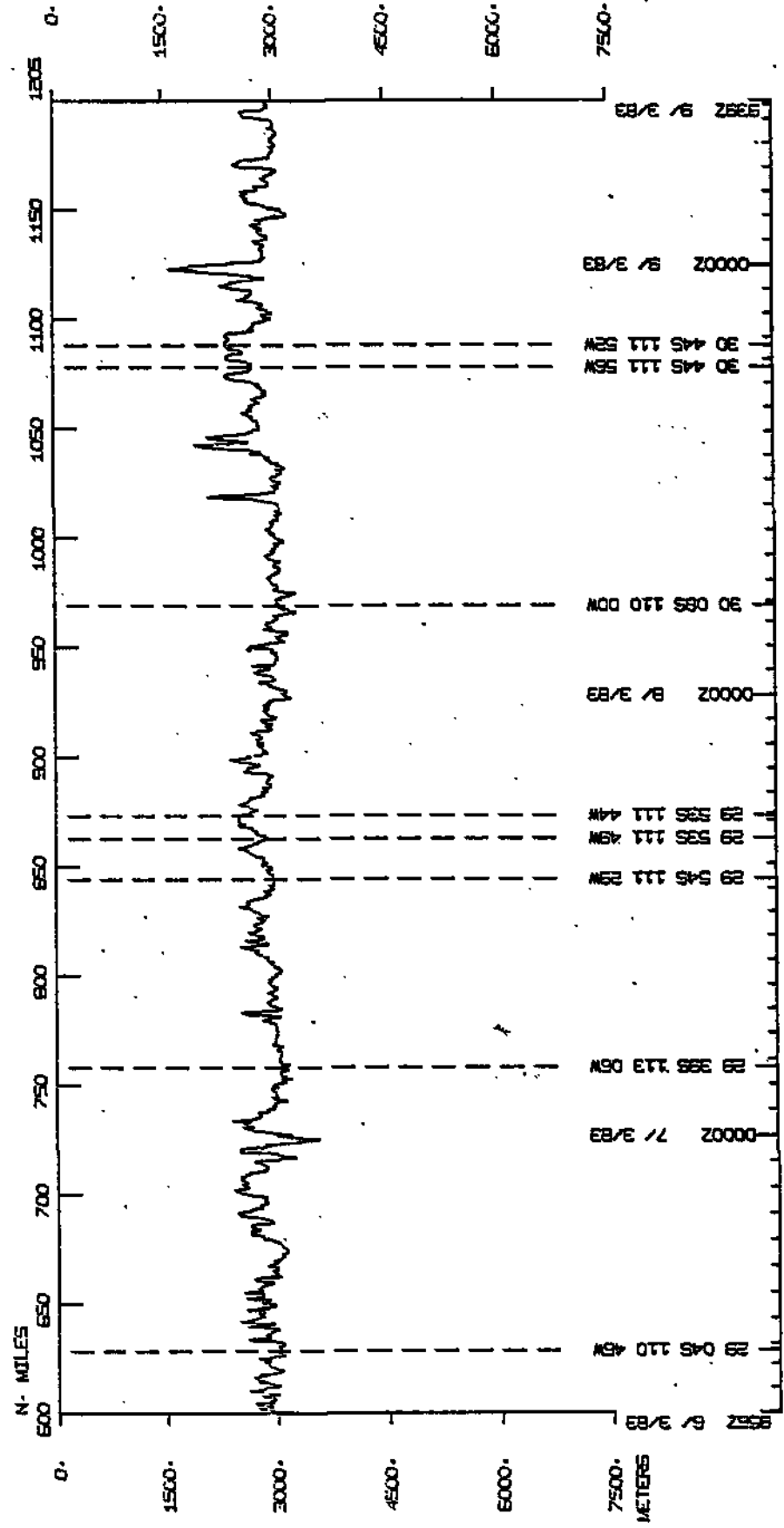
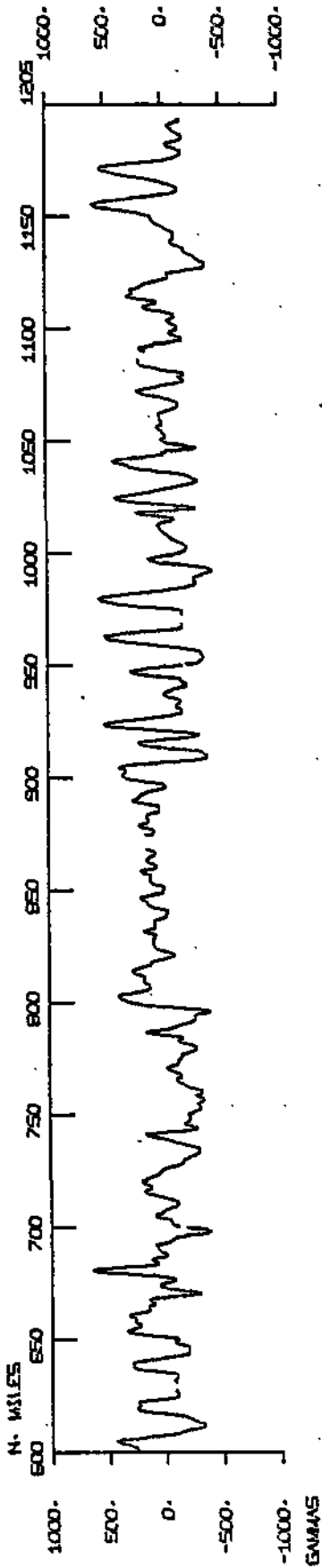
WARNING - ABSTRACT DATA PRESENT ON THIS PLOT



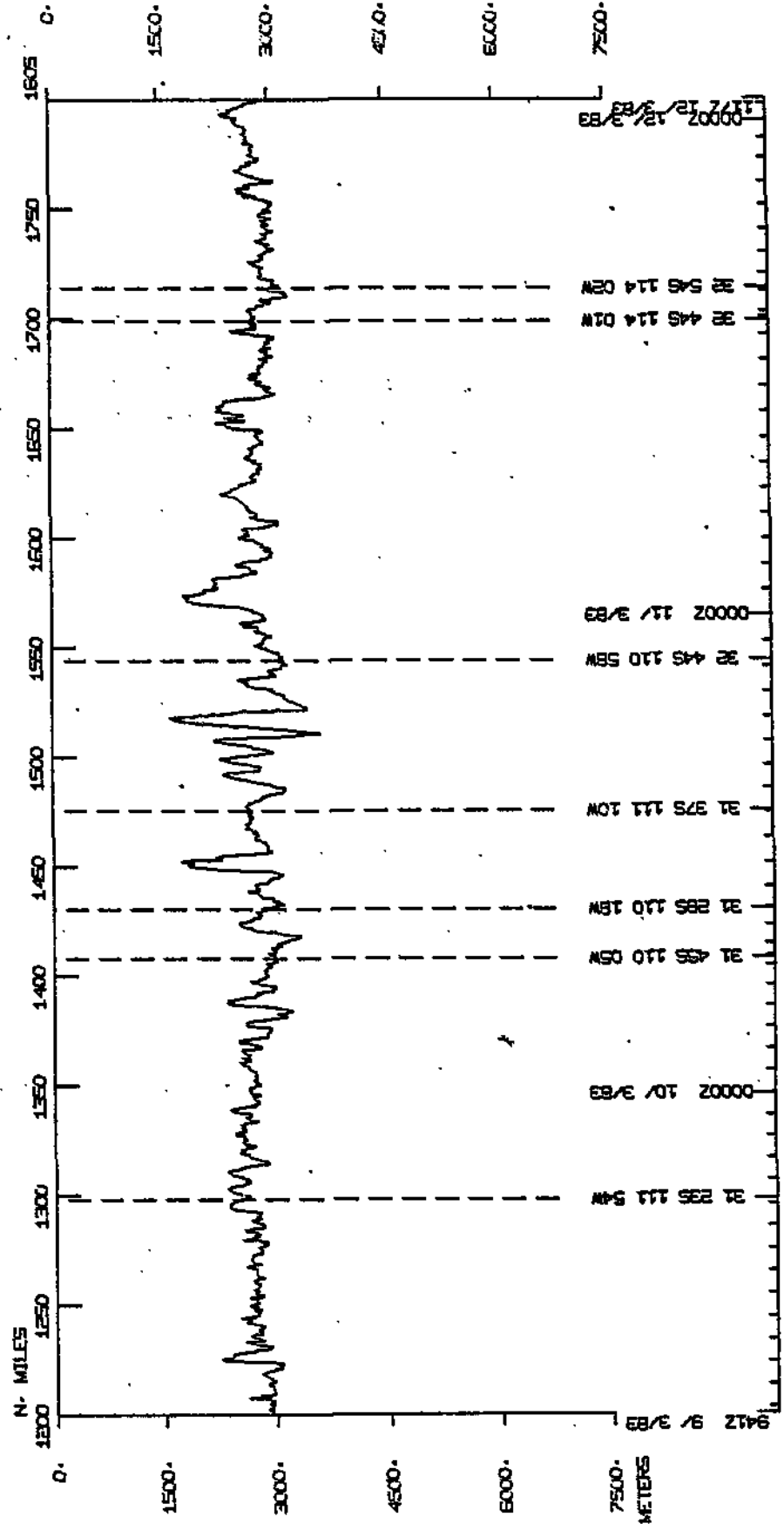
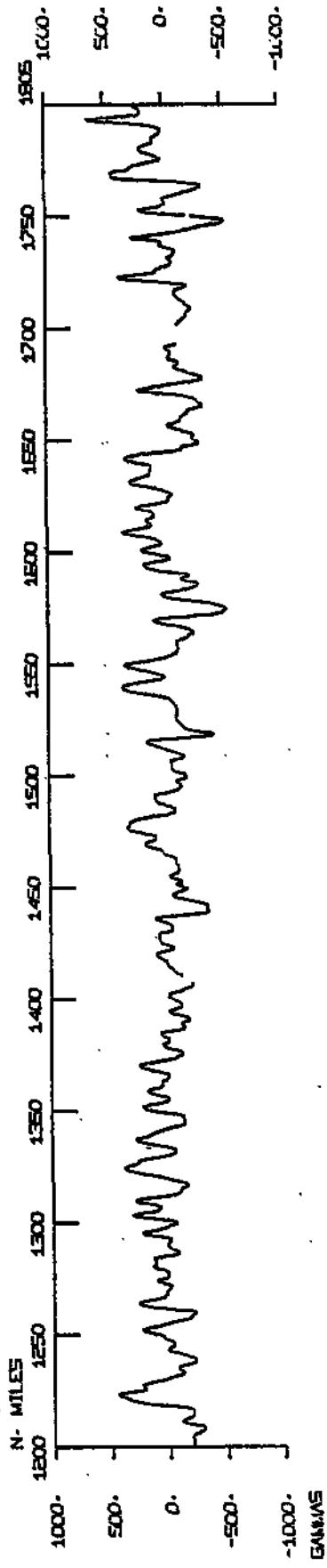
SEA BEAM



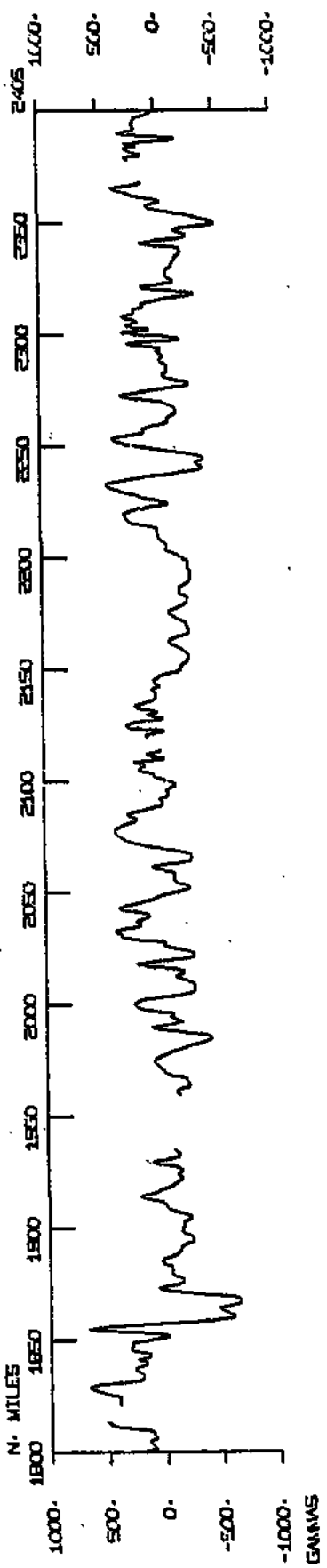
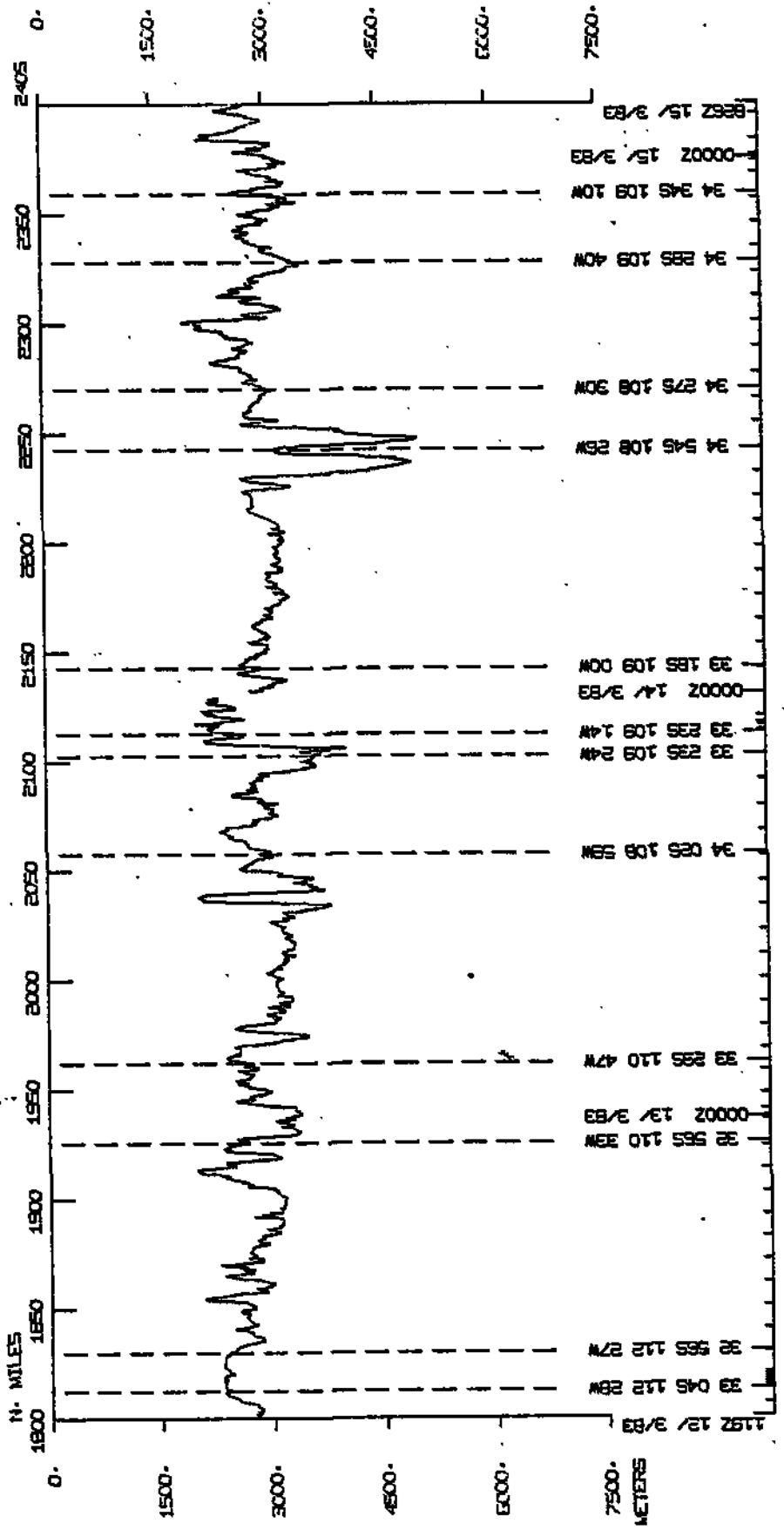
PASC3AWT



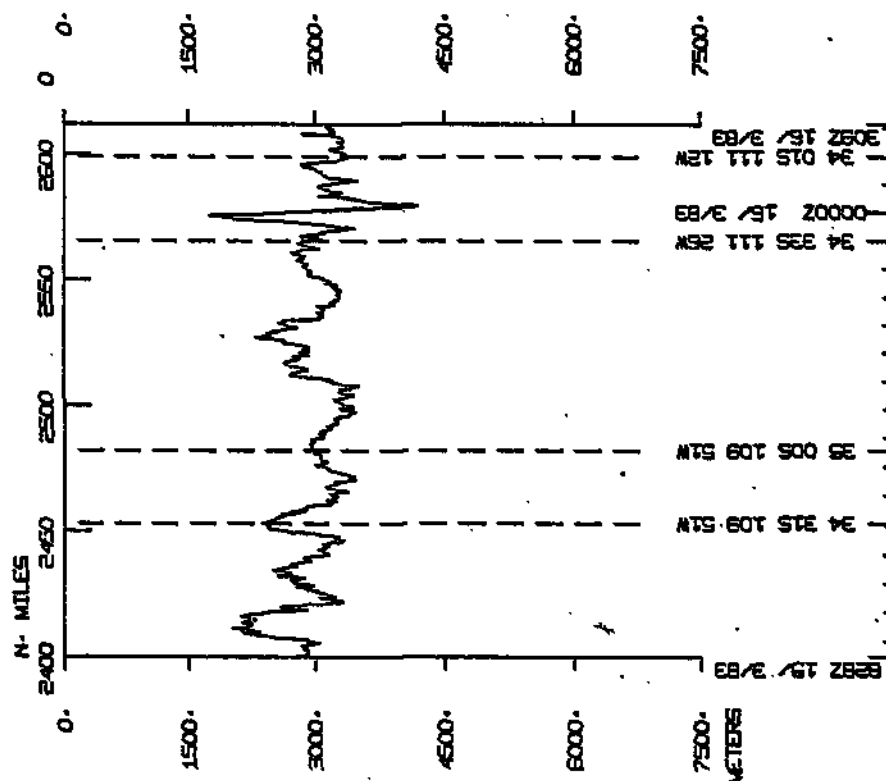
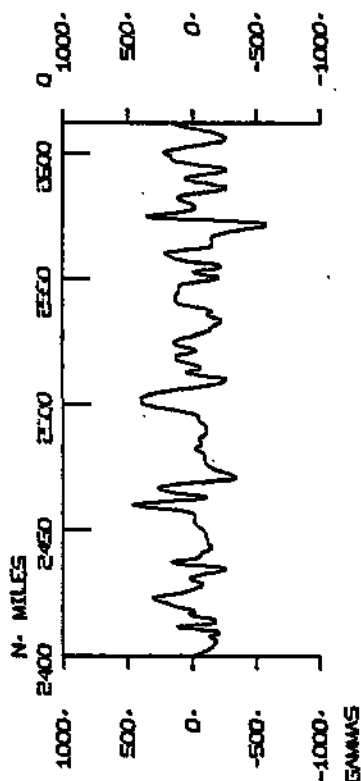
PASCBAWT



PASCBAWT

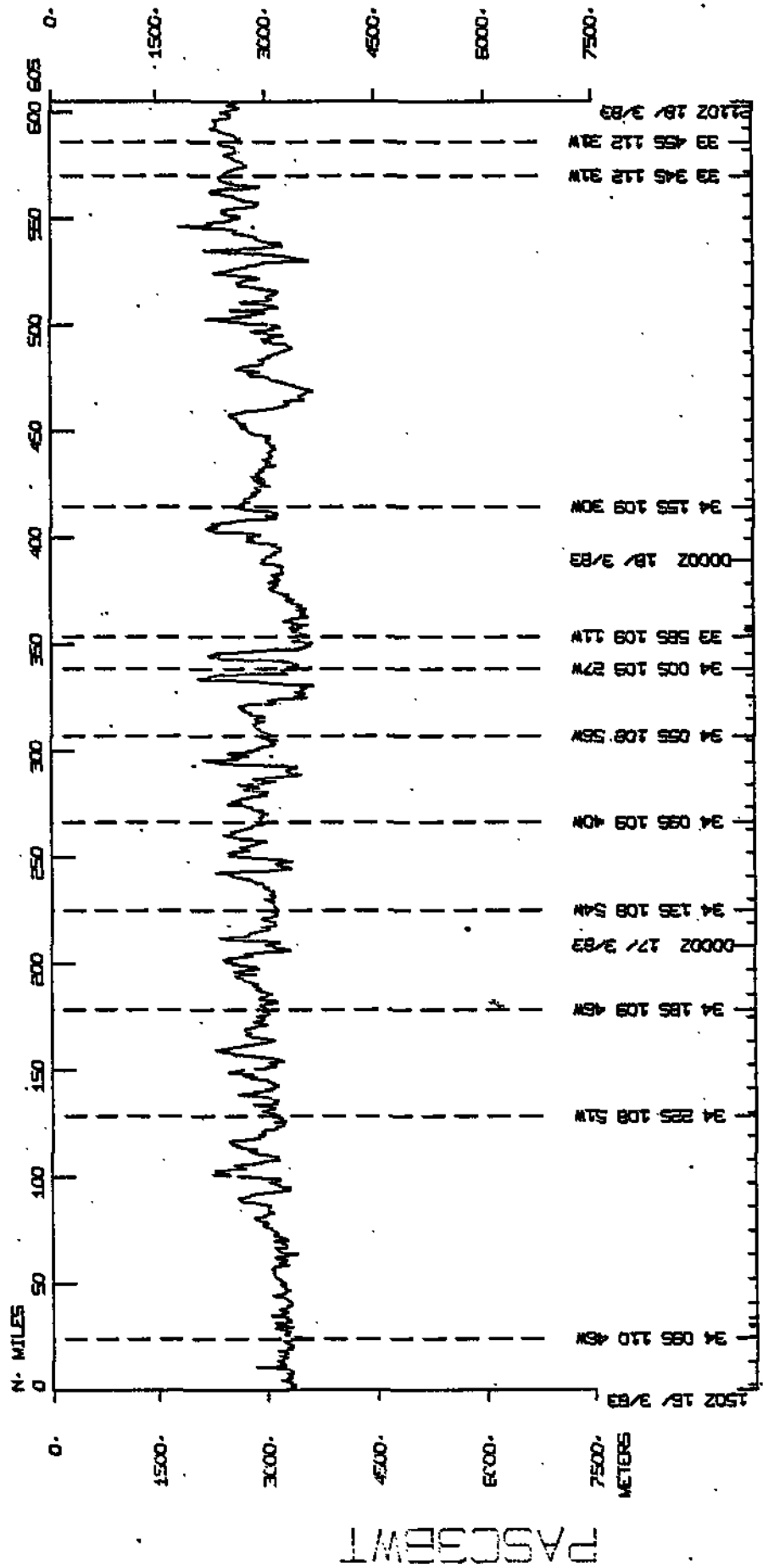
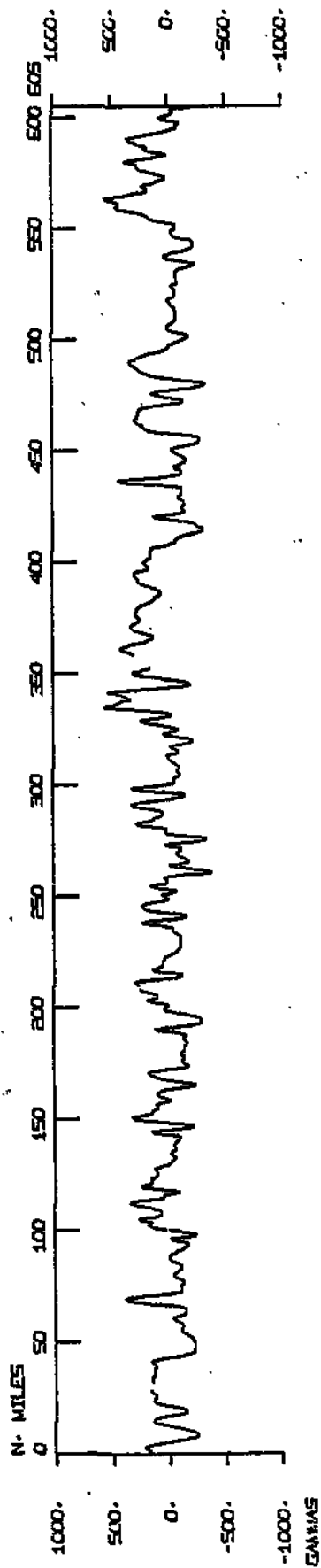


NOTE: Leg PASC03WT split
into 2 parts (3A and 3B)
for processing purposes
only. Data are referred
to and archived under the
PASC03WT designation.



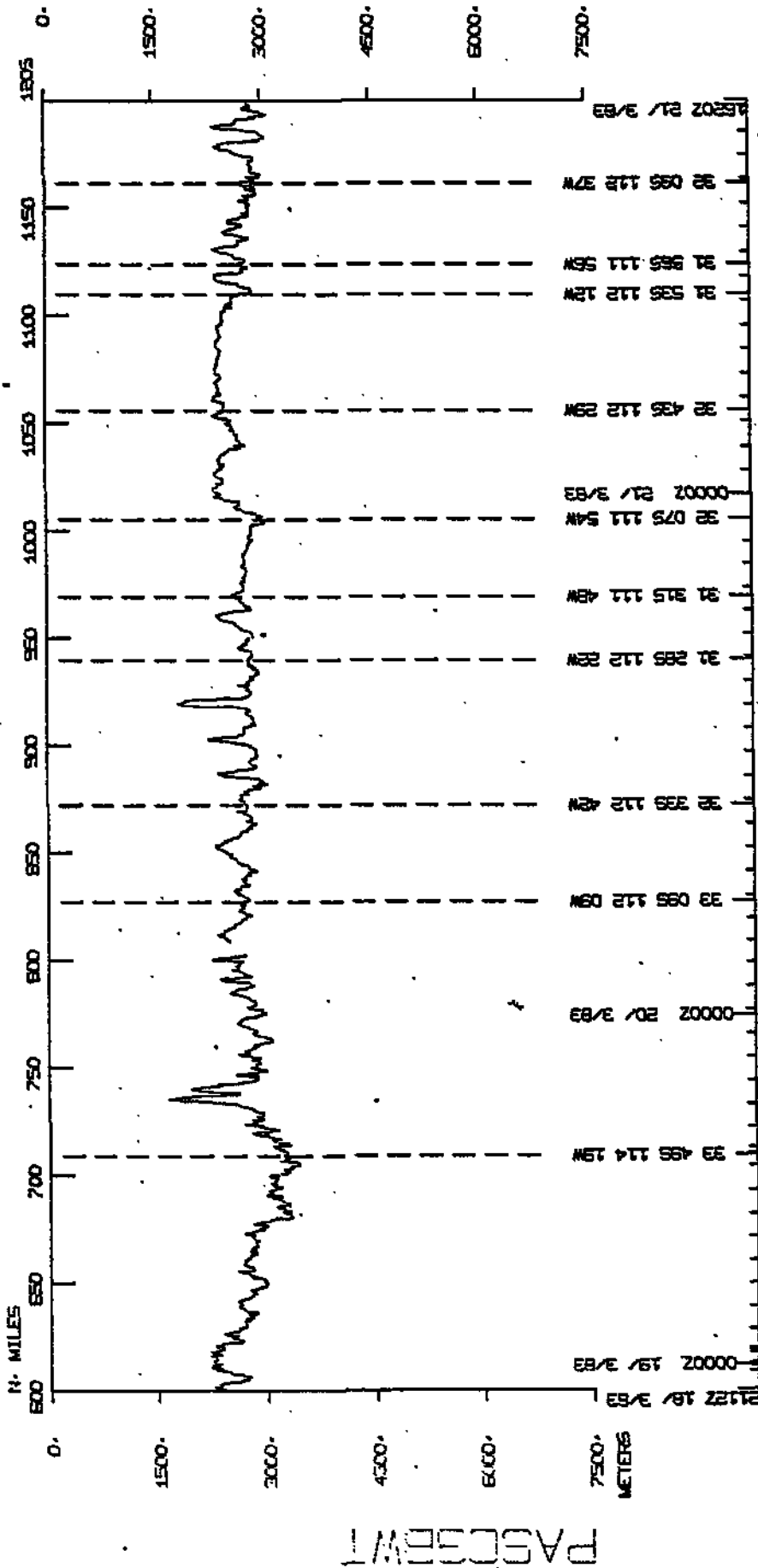
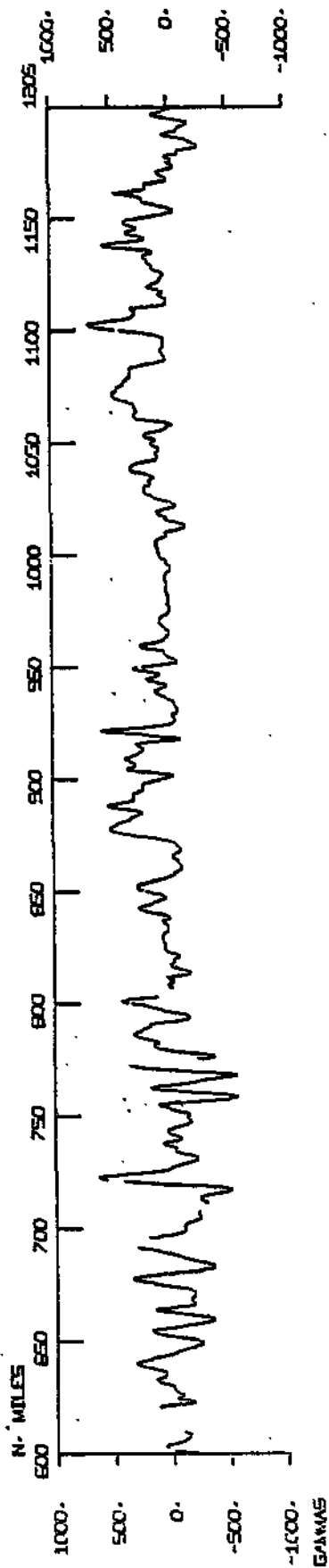
PASC3AWT

Add 2604 to mileage shown

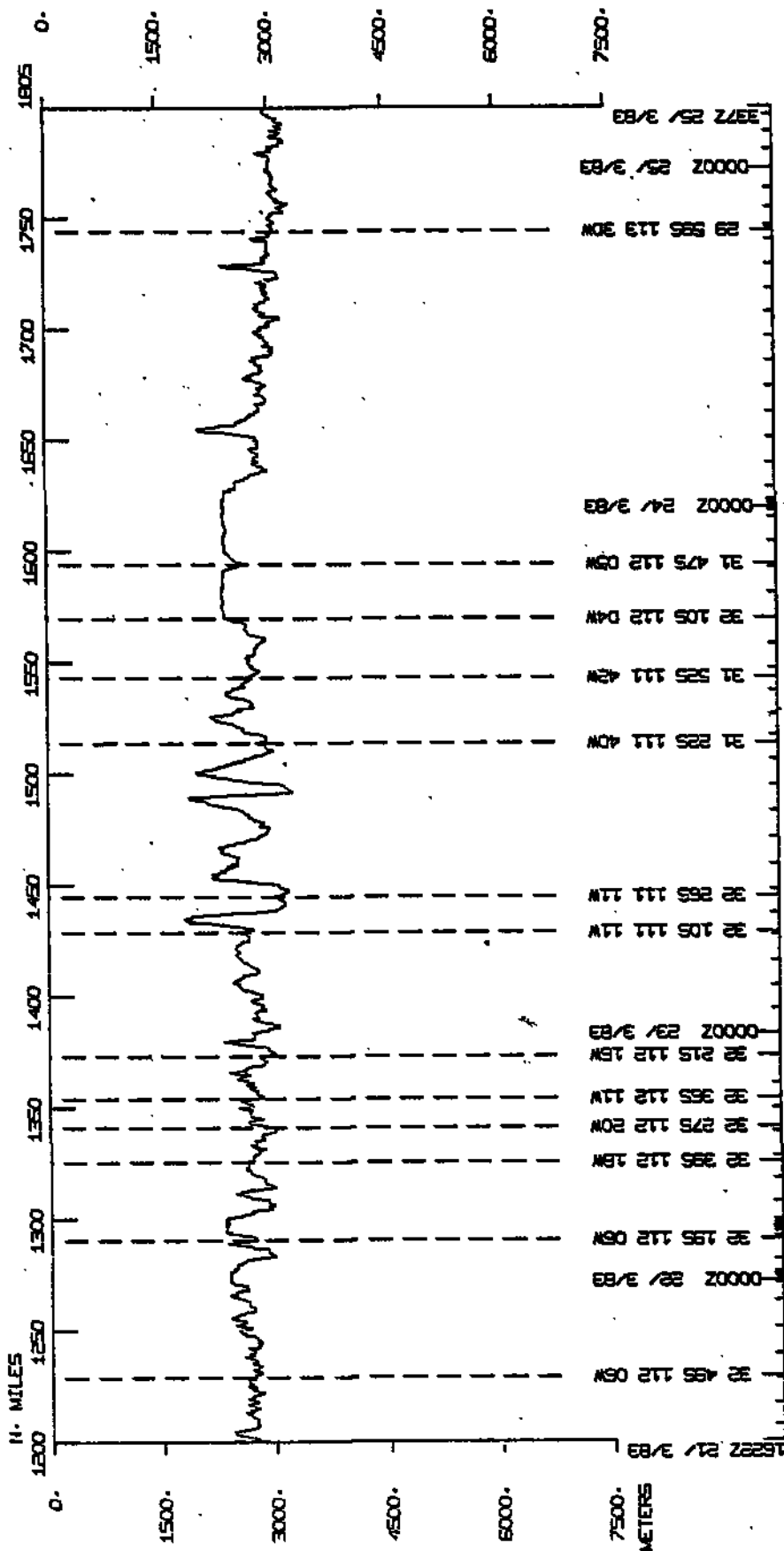
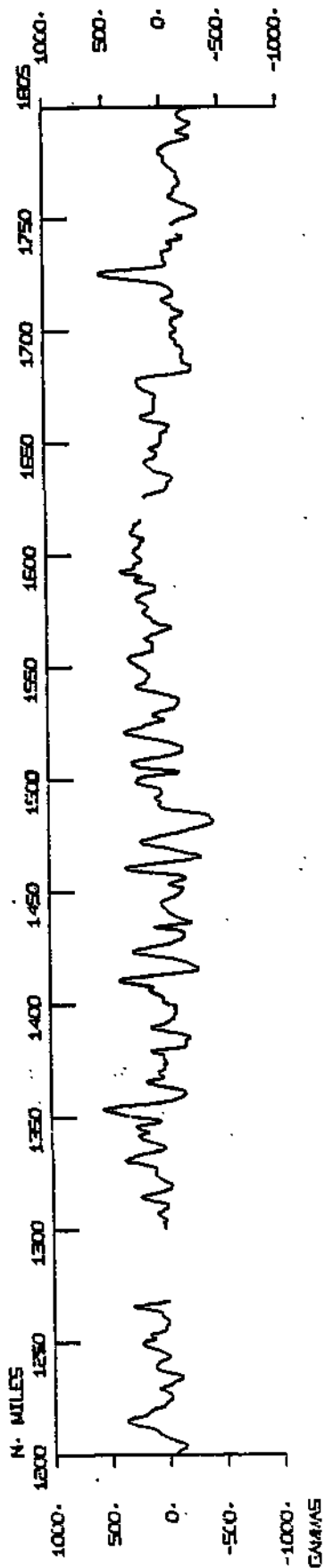


SEA BEAM

Add 2604 to mileage shown

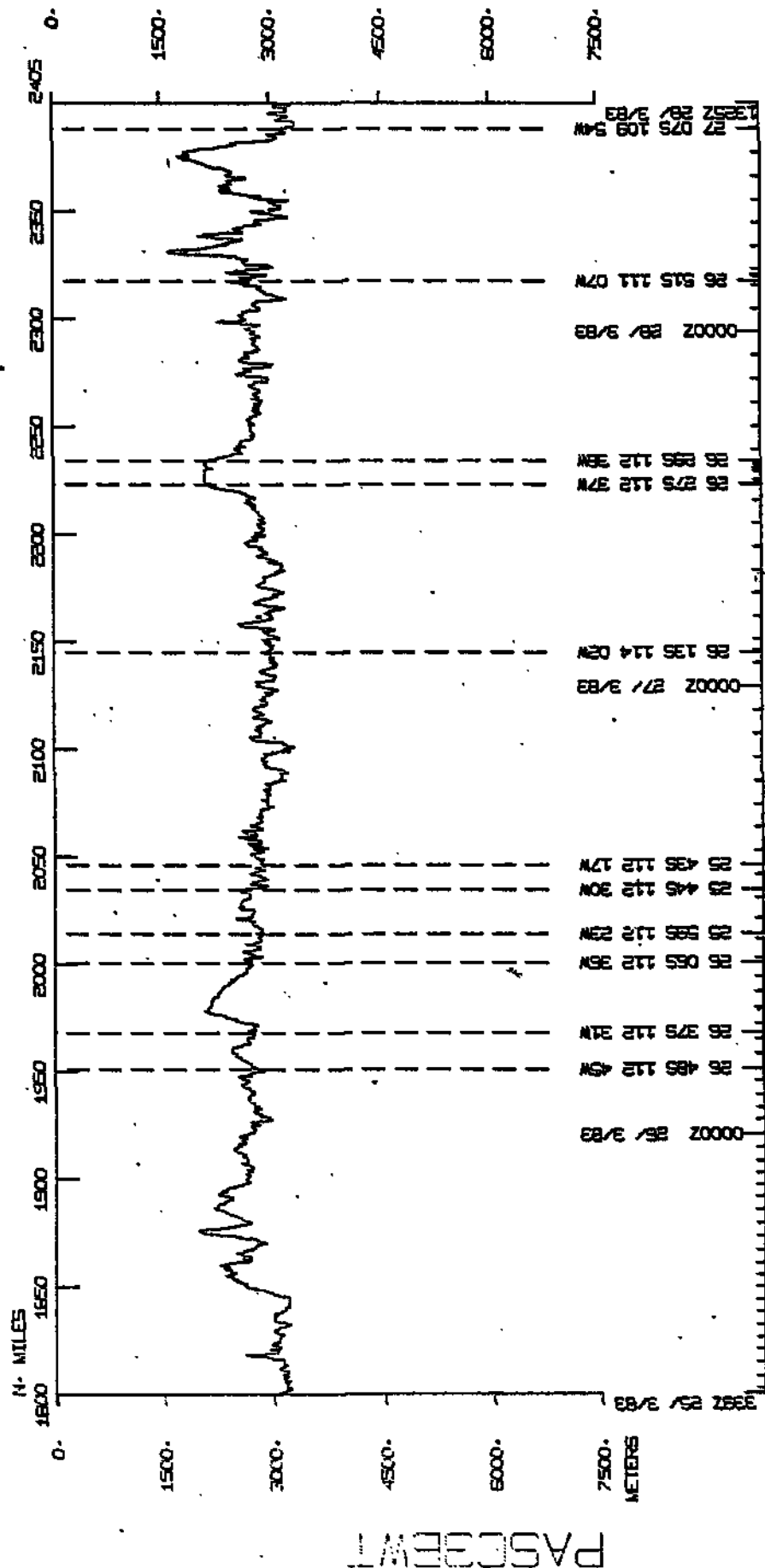
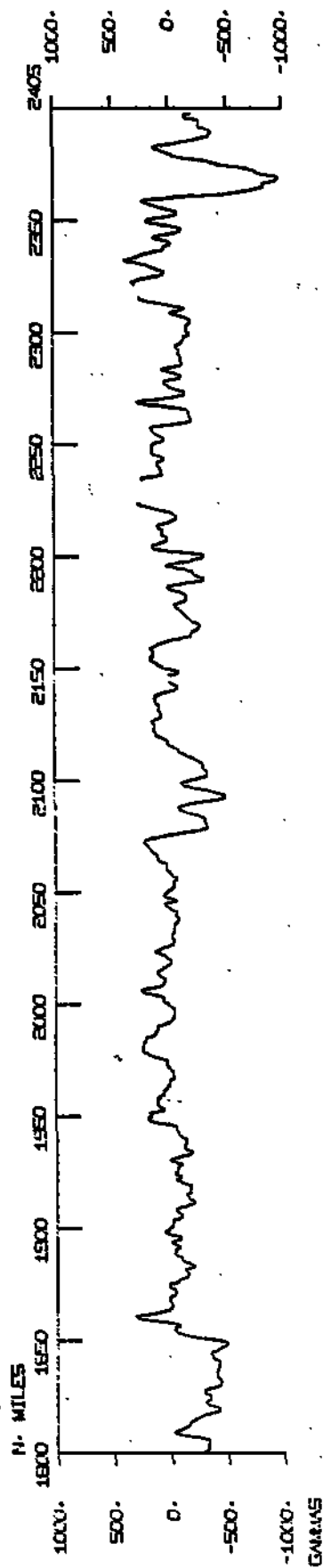


Add 2604 to mileage shown

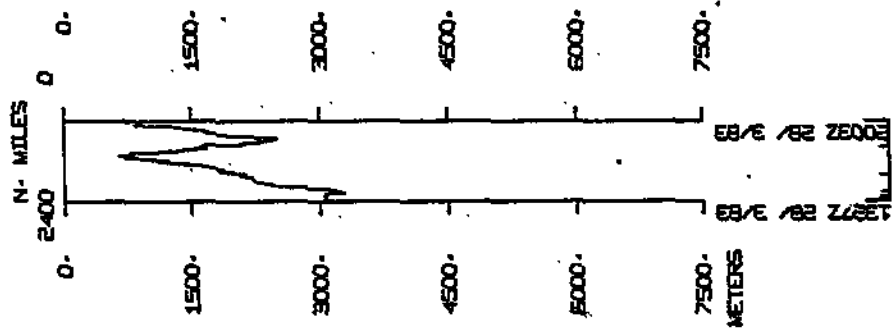
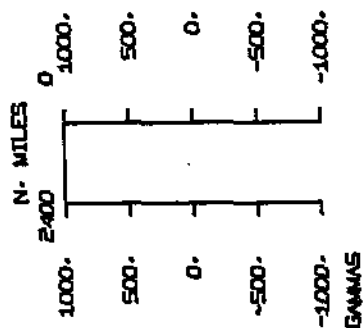


FACEEWT

Add 2604 to mileage shown



Add 2604 to mileage shown



PASC3BWT

S.I.O. Sample Index

(Issued May 1983)

PASCUA EXPEDITION

Leg 3

Easter Island (3 March 1983)
to
Easter Island (28 March 1983)

R/V T. Washington

Chief Scientist - H. Craig (SIO)

Resident Marine Tech - R. Comer

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.)

GENERATED 28 APR 83

(PASC03WT) ***

60E 120E -180 120W 60W 0W

TO

28MAR83 - EASTER ISLAND

CHIEF SCIENTIST - CRAIG, DR. H. GRD

SHIP - R/V THOMAS WASHINGTON (SID)

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
		BT	DR	HC	LB	MB	MG	PE	TD	TG	
CHL	I							1		I	1
FNC	I							3		I	3
GCR	I		10							I	10
GDC	I	2			1	40	25	1		1 I	70
GRD	I			20				2		I	22
MTG	I							1		I	1
PCF	I							1	25	I	26
SCG	I							2		I	2
SIX	I							1		I	1
<hr/>											
TOTAL I		2	10	20	1	40	25	12	25	1 I	136

SAMPLE 'TYPE' CODES USED ABOVE

BT = BATHYTHERMOGRAM
 DR = DREDGE
 HC = HYDROGRAPHIC CAST
 LB = LOG BOOKS
 MB = MULTI-BEAM (SEABEAM) ECHOSOUNDER
 MG = MAGNETICS (TOWED VEHICLE, SURFACE, TOTAL FIELD)
 PE = PERSONNEL IN SCIENTIFIC PARTY
 TD = CONDUCTIVITY/TEMPERATURE/DEPTH (CTD)
 TG = THERMOGRAPH

SAMPLE 'DISP' CODES USED ABOVE

CHL = CHILE
 FNC = FRANCE
 GCR = GEOLOGICAL CURATING FACILITY -- W. RIEDEL, (EXT. 4386)
 GDC = GEOLOGICAL DATA CENTER -- S. SMITH (EXT. 2752)
 GRD = GEOLOGICAL RESEARCH DIVISION (EXT. 3360)
 MTG = MARINE TECHNOLOGY GROUP (EXT 4194)
 PCF = PHYSICAL AND CHEMICAL DATA FACILITY (EXT. 2240)
 SCG = SHIPBOARD COMPUTER GROUP (EXT. 4195)
 SIX = SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675)

28APR83 PAGE 1

GMT D /M /Y	LOC LOC	CODE	SAMPLE IDENT.	CODE LAT.	LONG.	LEG-SHIP
TIME DATE	TIME TZ	SAMP		DISP		CRUISE

PASCUA 03 SAMPLE INDEX

PASC03WT

*** PORTS ***

1839 3/ 3/83		LGPT B	EASTER ISLAND, CHILE	27 09. S	109 27. W	F PASC03WT
2000 28/ 3/83		LGPT E	EASTER ISLAND, CHILE	27 09. S	109 27. W	F PASC03WT

PERSONNEL

NAME	TITLE	AFFILIATION
------	-------	-------------

1 CRAIG,OR.H.	CHIEF SCIENTIST	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
2 KIM,OR.K.R.	SCIENTIST	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
3 FRANCHETEAU,OR.J.	SCIENTIST	FRANCE
4 SEGOUFIN,DR.J.	SCIENTIST	FRANCE
5 COMER,R.L.	RESIDENT TECH.	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
6 CHARTERS,J.	COMPUTER TECH.	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
7 DOWNES,P.	SEABEAM ENGINEER	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
8 SMITH,S.M.	SEABEAM OPERATOR	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
9 SCHMITT,J.	ELECTRONICS TECH.	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
10 GAUDEMER,Y.	STUDENT	FRANCE
11 VERGARA,H.	OBSERVER	CHILE
12 CRAIG,V.	VOLUNTEER	SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.3675)

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.

GNT D / M / Y		LOC LOC	CODE	SAMPLE IDENT.	CODE	28APR83 PAGE 2		LEG-SHIP
TIME	DATE	TIME TZ	SAMP		DISP	LAT.	LONG.	CRUISE

UNDERWAY DATA CURATOR - STUART SMITH (EXT.2752)

*** LOG BOOKS ***

1900	3/ 3/83		LBWU B UNDERWAY WATCH LOG	GDC 27	08.6S	109	30.9W	S PASC03WT
2000	28/ 3/83		LBWU E UNDERWAY WATCH LOG	GDC 27	08.5S	109	26.0W	S PASC03WT

SEABEAM MONITOR RECORD - VERTICAL BFAM

1839	3/ 3/83		MBMR B UGR MONITOR R-01	GDC 27	08.7S	109	26.3W	S PASC03WT
1304	7/ 3/83		MBMR E UGR MONITOR R-01	GDC 29	54.9S	111	44.5W	S PASC03WT
1339	7/ 3/83		MBMR B UGR MONITOR R-02	GDC 29	54.9S	111	44.5W	S PASC03WT
0041	13/ 3/83		MBMR E UGR MONITOR R-02	GDC 33	06.5S	110	37.2W	S PASC03WT
0108	13/ 3/83		MBMR B UGR MONITOR R-03	GDC 33	06.4S	110	37.1W	S PASC03WT
0647	18/ 3/83		MBMR E UGR MONITOR R-03	GDC 34	04.3S	110	15.4W	S PASC03WT
0700	18/ 3/83		MBMR B UGR MONITOR R-04	GDC 34	03.7S	110	17.8W	S PASC03WT
1328	23/ 3/83		MBMR E UGR MONITOR R-04	GDC 31	40.6S	111	41.9W	S PASC03WT
1352	23/ 3/83		MBMR B UGR MONITOR R-05	GDC 31	44.6S	111	42.0W	S PASC03WT
1955	28/ 3/83		MBMR E UGR MONITOR R-05	GDC 27	08.5S	109	26.1W	S PASC03WT
0930	4/ 3/83		MBMR B EPC 3.5KHZ MIXED R-1	GDC 26	32.3S	112	33.0W	S PASC03WT
1900	12/ 3/83		MBMR E EPC 3.5KHZ MIXED R-1	GDC 32	56.4S	111	01.2W	S PASC03WT
1928	12/ 3/83		MBMR B EPC 12KHZ 8 SEC R-01	GDC 32	56.4S	110	55.3W	S PASC03WT
0235	20/ 3/83		MBMR E EPC 12KHZ 8 SEC R-01	GDC 33	24.2S	112	59.1W	S PASC03WT
0302	20/ 3/83		MBMR B EPC 12KHZ 8 SEC R-02	GDC 33	22.4S	112	53.5W	S PASC03WT
1900	26/ 3/83		MBMR E EPC 12KHZ 8 SEC R-02	GDC 25	52.9S	112	46.8W	S PASC03WT
2133	26/ 3/83		MBMR B EPC 12KHZ 8 SEC R-03	GDC 26	01.0S	113	16.5W	S PASC03WT
0246	28/ 3/83		MBMR E EPC 12KHZ 8 SEC R-03	GDC 26	52.2S	111	08.8W	S PASC03WT
0319	28/ 3/83		MBMR B EPC 12KHZ 8 SEC R-04	GDC 26	52.1S	111	08.8W	S PASC03WT
1955	28/ 3/83		MBMR E EPC 12KHZ 8 SEC R-04	GDC 27	08.5S	109	26.1W	S PASC03WT

SEABEAM SWATH BOOK - REALTIME CONTOUR SWATH

1839	3/ 3/83		MBSB B SEABEAM SWATH BK 01	GDC 27	08.7S	109	26.3W	S PASC03WT
1659	4/ 3/83		MBSB E SEABEAM SWATH BK 01	GDC 26	32.1S	112	34.8W	S PASC03WT
1659	4/ 3/83		MBSB B SEABEAM SWATH BK 02	GDC 26	32.1S	112	34.8W	S PASC03WT
2155	5/ 3/83		MBSB E SEABEAM SWATH BK 02	GDC 28	49.3S	113	50.0W	S PASC03WT

GMT TIME	D DATE	M DATE	Y DATE	LOC TIME	LOC T2	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
2135	5/	3/83				MBSB B	SEABEAM SWATH BK 03	GDC 28	49.3S	113 50.0W	S PASC03WT
0128	7/	3/83				MBSB E	SEABEAM SWATH BK 03	GDC 29	34.9S	112 51.3W	S PASC03WT
0128	7/	3/83				MBSB B	SEABEAM SWATH BK 04	GDC 29	34.9S	112 51.3W	S PASC03WT
0448	8/	3/83				MBSB E	SEABEAM SWATH BK 04	GDC 30	08.3S	110 00.9W	S PASC03WT
0457	8/	3/83				MBSB B	SEABEAM SWATH BK 05	GDC 30	08.2S	110 00.9W	S PASC03WT
1116	9/	3/83				MBSB E	SEABEAM SWATH BK 05	GDC 31	08.8S	113 28.8W	S PASC03WT
1116	9/	3/83				MBSB B	SEABEAM SWATH BK 06	GDC 31	08.8S	113 28.8W	S PASC03WT
1742	10/	3/83				MBSB E	SEABEAM SWATH BK 06	GDC 31	54.5S	111 07.5W	S PASC03WT
1742	10/03/83					MBSB B	SEABEAM SWATH BK 07	GDC 31	08.8S	113 28.8W	S PASC03WT
2135	11/03/83					MBSB E	SEABEAM SWATH BK 07	GDC 32	56.1S	112 56.8W	S PASC03WT
2136	11/	3/83				MBSB B	SEABEAM SWATH BK 08	GDC 32	56.1S	112 56.8W	S PASC03WT
0620	13/	3/83				MBSB E	SEABEAM SWATH BK 08	GDC 33	36.5S	110 25.0W	S PASC03WT
0620	13/	3/83				MBSB B	SEABEAM SWATH BK 09	GDC 33	36.5S	110 25.0W	S PASC03WT
1035	14/	3/83				MBSB E	SEABEAM SWATH BK 09	GDC 34	47.9S	108 26.6W	S PASC03WT
1036	14/	3/83				MBSB B	SEABEAM SWATH BK 10	GDC 34	47.7S	108 26.6W	S PASC03WT
1343	15/	3/83				MBSB E	SEABEAM SWATH BK 10	GDC 34	38.7S	109 51.6W	S PASC03WT
1343	15/	3/83				MBSB B	SEABEAM SWATH BK 11	GDC 34	38.7S	109 51.6W	S PASC03WT
1702	16/	3/83				MBSB E	SEABEAM SWATH BK 11	GDC 34	20.2S	108 51.1W	S PASC03WT
1702	16/	3/83				MBSB B	SEABEAM SWATH BK 12	GDC 34	20.2S	108 51.1W	S PASC03WT
2243	17/	3/83				MBSB E	SEABEAM SWATH BK 12	GDC 34	10.6S	109 15.7W	S PASC03WT
2243	17/	3/83				MBSB B	SEABEAM SWATH BK 13	GDC 34	10.6S	109 15.7W	S PASC03WT
0358	19/	3/83				MBSB E	SEABEAM SWATH BK 13	GDC 33	50.5S	112 32.9W	S PASC03WT
0358	19/	3/83				MBSB B	SEABEAM SWATH BK 14	GDC 33	50.5S	112 32.9W	S PASC03WT
1118	20/	3/83				MBSB E	SEABEAM SWATH BK 14	GDC 32	28.2S	112 40.8W	S PASC03WT
1118	20/	3/83				MBSB B	SEABEAM SWATH BK 15	GDC 32	28.2S	112 40.8W	S PASC03WT
1331	21/	3/83				MBSB E	SEABEAM SWATH BK 15	GDC 32	11.8S	112 28.7W	S PASC03WT
1331	21/	3/83				MBSB B	SEABEAM SWATH BK 16	GDC 32	11.8S	112 28.7W	S PASC03WT
0130	23/	3/83				MBSB E	SEABEAM SWATH BK 16	GDC 32	16.2S	111 45.7W	S PASC03WT
0130	23/	3/83				MBSB B	SEABEAM SWATH BK 17	GDC 32	16.2S	111 45.7W	S PASC03WT
0918	24/	3/83				MBSB E	SEABEAM SWATH BK 17	GDC 30	43.2S	112 19.2W	S PASC03WT
0918	24/	3/83				MBSB B	SEABEAM SWATH BK 18	GDC 30	43.2S	112 19.2W	S PASC03WT
0213	26/	3/83				MBSB E	SEABEAM SWATH BK 18	GDC 27	03.5S	112 36.2W	S PASC03WT
0213	26/	3/83				MBSB B	SEABEAM SWATH BK 19	GDC 27	03.5S	112 36.2W	S PASC03WT
1008	27/	3/83				MBSB E	SEABEAM SWATH BK 19	GDC 26	23.8S	112 55.8W	S PASC03WT
1008	27/	3/83				MBSB B	SEABEAM SWATH BK 20	GDC 26	23.8S	112 55.8W	S PASC03WT
1955	28/	3/83				MBSB E	SEABEAM SWATH BK 20	GDC 27	08.5S	109 26.1W	S PASC03WT

GMT D /M /Y	LOC LOC	CODE	SAMPLE IDENT.	CODE	LAT.	LONG.	LEG-SHIP
TIME DATE	TIME TZ	SAMP		DISP			CRUISE

1839 3/ 3/83		MRSB B	SB SURVEY SWATH BOOK	GDC 27	08.7S	109 26.3W	S PASC03WT
1955 28/ 3/83		MRSB E	SURVEY SWATH BK 1-20	GDC 27	08.5S	109 26.1W	S PASC03WT

SEABEAM SOUND VELOCITY PROFILE

1839 3/ 3/83		MBVP	SOUND VFLOCITY 01	GDC 27	08.7S	109 26.3W	S PASC03WT
1858 5/ 3/83		MBVP	SOUND VELOCITY 02	GDC 28	46.3S	114 20.2W	S PASC03WT
1541 10/ 3/83		MBVP	SOUND VFLOCITY 03	GDC 31	36.2S	111 05.1W	S PASC03WT

SEABEAM MAG TAPE - RAW LOGGED DATA

1852 03/03/83		MBMT B	RAW LOG TAPE 1	GDC 27	08.7S	109 26.3W	F PASC03WT
2234 07/03/83		MBMT E	RAW LOG TAPE 1	GDC 30	00.0S	111 05.2W	F PASC03WT
2234 07/03/83		MBMT B	RAW LOG TAPE 2	GDC 30	00.0S	111 05.2W	F PASC03WT
2344 11/03/83		MBMT E	RAW LOG TAPE 2	GDC 32	57.0S	112 34. W	F PASC03WT
2346 11/03/83		MBMT B	RAW LOG TAPE 3	GDC 32	57.0S	112 34.2W	F PASC03WT
2328 15/03/83		MBMT E	RAW LOG TAPE 3	GDC 34	28.0S	111 24.3W	F PASC03WT
2328 15/03/83		MBMT B	RAW LOG TAPE 4	GDC 34	28.0S	111 24.3W	F PASC03WT
0421 20/03/83		MBMT E	RAW LOG TAPE 4	GDC 33	17.5S	112 36.5W	F PASC03WT
0501 20/03/83		MBMT B	RAW LOG TAPE 5	GDC 33	15.7S	112 30.0W	F PASC03WT
1420 24/03/83		MBMT E	RAW LOG TAPE 5	GDC 30	10.1S	113 07.7W	F PASC03WT
1420 24/03/83		MBMT B	RAW LOG TAPE 6	GDC 30	10.1S	113 07.7W	F PASC03WT
1953 28/03/83		MBMT E	RAW LOG TAPE 6	GDC 27	08.4S	109 26.2W	F PASC03WT

*** MAGNETOMETER ***

1927 3/ 3/83		MGRA B	MAGNETICS	GDC 27	08.5S	109 36.9W	S PASC03WT
1011 4/ 3/83		MGRA E	MAGNETICS	GDC 26	30.0S	112 41.4W	S PASC03WT
1901 4/ 3/83		MGRA B	MAGNETICS	GDC 26	34.4S	112 35.7W	S PASC03WT
1508 5/ 3/83		MGRA E	MAGNETICS	GDC 28	45.9S	114 21.5W	S PASC03WT
1911 5/ 3/83		MGRA B	MAGNETICS	GDC 28	46.3S	114 19.0W	S PASC03WT
1231 6/ 3/83		MGRA E	MAGNETICS	GDC 29	04.1S	110 47.5W	S PASC03WT
1556 6/ 3/83		MGRA B	MAGNETICS	GDC 29	03.5S	110 46.9W	S PASC03WT
1230 7/ 3/83		MGRA E	MAGNETICS	GDC 29	55.3S	111 44.8W	S PASC03WT
1903 7/ 3/83		MGRA B	MAGNETICS	GDC 29	53.2S	111 45.1W	S PASC03WT
0338 8/ 3/83		MGRA E	MAGNETICS	GDC 30	08.6S	110 01.3W	S PASC03WT
0716 8/ 3/83		MGRA B	MAGNETICS	GDC 30	08.0S	110 02.3W	S PASC03WT
1725 8/ 3/83		MGRA E	MAGNETICS	GDC 30	45.0S	111 51.0W	S PASC03WT

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GMT TIME	D / M / Y DATE	LOC TIME	LOC TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
2048	8/ 3/83			MGRA B	MAGNETICS	GDC 30	44.1S	111 51.7W	S PASC03WT
0608	9/ 3/83			MGRA E	MAGNETICS	GDC 31	03.8S	113 47.6W	S PASC03WT
0948	9/ 3/83			MGRA B	MAGNETICS	GDC 31	07.6S	113 46.4W	S PASC03WT
0619	10/ 3/83			MGRA E	MAGNETICS	GDC 31	45.7S	110 06.8W	S PASC03WT
0931	10/ 3/83			MGRA B	MAGNETICS	GDC 31	44.0S	110 05.4W	S PASC03WT
1102	11/ 3/83			MGRA E	MAGNETICS	GDC 32	44.0S	113 54.4W	S PASC03WT
1452	11/ 3/83			MGRA B	MAGNETICS	GDC 32	42.9S	114 01.7W	S PASC03WT
0249	12/ 3/83			MGRA E	MAGNETICS	GDC 33	04.8S	112 27.8W	S PASC03WT
1110	12/ 3/83			MGRA B	MAGNETICS	GDC 33	04.9S	112 26.4W	S PASC03WT
2158	12/ 3/83			MGRA E	MAGNETICS	GDC 33	05.9S	110 37.5W	S PASC03WT
0412	13/ 3/83			MGRA B	MAGNETICS	GDC 33	26.9S	110 46.1W	S PASC03WT
1758	13/ 3/83			MGRA E	MAGNETICS	GDC 33	23.7S	109 15.4W	S PASC03WT
2302	13/ 3/83			MGRA B	MAGNETICS	GDC 33	20.6S	109 15.3W	S PASC03WT
2059	14/ 3/83			MGRA E	MAGNETICS	GDC 34	30.9S	109 19.2W	S PASC03WT
0630	15/ 3/83			MGRA B	MAGNETICS	GDC 34	28.3S	109 11.8W	S PASC03WT
0420	16/ 3/83			MGRA E	MAGNETICS	GDC 34	13.2S	110 47.6W	S PASC03WT
0741	16/ 3/83			MGRA B	MAGNETICS	GDC 34	13.4S	110 46.7W	S PASC03WT
1342	17/ 3/83			MGRA E	MAGNETICS	GDC 33	58.1S	109 12.6W	S PASC03WT
2102	17/ 3/83			MGRA B	MAGNETICS	GDC 33	57.4S	109 14.1W	S PASC03WT
2206	18/ 3/83			MGRA E	MAGNETICS	GDC 33	53.0S	112 35.3W	S PASC03WT
0618	19/ 3/83			MGRA B	MAGNETICS	GDC 33	50.9S	112 33.0W	S PASC03WT
1422	19/ 3/83			MGRA E	MAGNETICS	GDC 33	49.8S	114 18.2W	S PASC03WT
1749	19/ 3/83			MGRA B	MAGNETICS	GDC 33	49.2S	114 19.5W	S PASC03WT
2328	19/ 3/83			MGRA E	MAGNETICS	GDC 33	28.1S	113 13.0W	S PASC03WT
0153	20/ 3/83			MGRA B	MAGNETICS	GDC 33	26.9S	113 07.8W	S PASC03WT
2228	21/ 3/83			MGRA E	MAGNETICS	GDC 32	15.2S	112 21.5W	S PASC03WT
1618	22/ 3/83			MGRA B	MAGNETICS	GDC 32	17.8S	112 08.3W	S PASC03WT
2312	23/ 3/83			MGRA E	MAGNETICS	GDC 31	24.8S	111 58.0W	S PASC03WT
0541	24/ 3/83			MGRA B	MAGNETICS	GDC 31	19.9S	111 58.3W	S PASC03WT
1655	24/ 3/83			MGRA E	MAGNETICS	GDC 29	59.8S	113 30.2W	S PASC03WT
2108	24/ 3/83			MGRA B	MAGNETICS	GDC 30	00.1S	113 31.2W	S PASC03WT
0121	27/ 3/83			MGRA E	MAGNETICS	GDC 26	12.7S	114 01.7W	S PASC03WT
0435	27/ 3/83			MGRA B	MAGNETICS	GDC 26	12.2S	114 00.9W	S PASC03WT
1148	27/ 3/83			MGRA E	MAGNETICS	GDC 26	28.4S	112 37.6W	S PASC03WT
1834	27/ 3/83			MGRA B	MAGNETICS	GDC 26	29.5S	112 37.2W	S PASC03WT
0202	28/ 3/83			MGRA E	MAGNETICS	GDC 26	50.3S	111 09.5W	S PASC03WT

GMT TIME	D / M / Y DATE	LOC TIME	LOC TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
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0551	28/ 3/83			MGRA B	MAGNETICS	GDC 26	51.1S	111 07.5W	S PASC03WT
1252	28/ 3/83			MGRA E	MAGNETICS	GDC 27	08.1S	109 57.2W	S PASC03WT

*** DREDGES *** CURATOR - W. RIEDEL EXT. 4386

1649	7/ 3/83			DRRO	DREDGE 01-04	2497M	GCR 29	54.9S	111 44.4W	S PASC03WT
0742	12/ 3/83			DRRO	DREDGE 02-10	2325M	GCR 33	04.0S	112 27.9W	S PASC03WT
0333	15/ 3/83			DRRO	DREDGE 03-13	3040M	GCR 34	29.1S	109 14.0W	S PASC03WT
1832	17/ 3/83			DRRO	DREDGE 04-15	3400M	GCR 33	58.0S	109 13.9W	S PASC03WT
0321	19/ 3/83			DRRO	DREDGE 05-16	2280M	GCR 33	50.2S	112 32.9W	S PASC03WT
0013	21/ 3/83			DRRO	DREDGE 06-19	2375M	GCR 32	14.8S	112 07.0W	S PASC03WT
0936	22/ 3/83			DRRO	DREDGE 07-20	2330M	GCR 32	18.3S	112 08.1W	S PASC03WT
0310	24/ 3/83			DRRO	DREDGE 08-21	2350M	GCR 31	22.6S	111 57.7W	S PASC03WT
1625	27/ 3/83			DRRO	DREDGE 09-24	2080M	GCR 26	30.8S	112 37.9W	S PASC03WT
1457	28/ 3/83			DRRO	DREDGE 10-26	3070M	GCR 27	07.6S	109 56.4W	S PASC03WT

*** BATHYTHERMOGRAPH ***

1815	5/ 3/83			BTXP	XBT 01		GDC 28	46.3S	114 20.1W	S PASC03WT
1330	10/ 3/83			BTXP	XBT 02		GDC 31	31.8S	110 36.8W	S PASC03WT

*** THERMOGRAPH ***

1910	3/ 3/83			TGRC B	THERMOGRAPH SHEETS		GDC 27	08.6S	109 33.2W	S PASC03WT
0007	29/ 3/83			TGRC E	THERMOGRAPHS 1-22		GDC 27	08.5S	109 26.0W	S PASC03WT

HYDROGRAPHIC CAST

1520	4/ 3/83			HCNI	TS I STA 01-01	08	GRD 26	32.3S	112 34.2W	S PASC03WT
1700	5/ 3/83			HCNI	TS I STA 02-02	08	GRD 28	46.3S	114 19.8W	S PASC03WT
1401	6/ 3/83			HCNI	TS I STA 03-03	08	GRD 29	03.4S	110 46.4W	S PASC03WT
1357	7/ 3/83			HCNI	TS I STA 04-04	08	GRD 29	54.9S	111 44.4W	S PASC03WT
0518	8/ 3/83			HCNI	TS I STA 05-05	02	GRD 30	08.0S	110 01.1W	S PASC03WT
1922	8/ 3/83			HCNI	TS I STA 06-06	02	GRD 30	44.6S	111 52.2W	S PASC03WT
0803	9/ 3/83			HCNI	TS I STA 07-07	02	GRD 31	08.3S	113 47.9W	S PASC03WT
0752	10/ 3/83			HCNI	TS I STA 08-08	02	GRD 31	45.5S	110 05.4W	S PASC03WT
1307	11/ 3/83			HCNI	TS I STA 09-09	02	GRD 32	43.0S	114 01.3W	S PASC03WT
0408	12/ 3/83			HCNI	TS I STA 10-10	02	GRD 33	04.1S	112 27.7W	S PASC03WT
2344	12/ 3/83			HCNI	TS I STA 11-11	02	GRD 33	06.8S	110 37.4W	S PASC03WT
2017	13/ 3/83			HCNI	TS I STA 12-12	02	GRD 33	22.8S	109 17.5W	S PASC03WT
2350	14/ 3/83			HCNI	TS I STA 13-13	03	GRD 34	29.6S	109 14.2W	S PASC03WT
0541	15/ 3/83			HCNI	TS I STA 14-14	03	GRD 34	28.4S	109 13.5W	S PASC03WT
1530	17/ 3/83			HCNI	TS I STA 15-15	03	GRD 33	58.2S	109 14.0W	S PASC03WT
2331	18/ 3/83			HCNI	TS I STA 16-16	02	GRD 33	53.2S	112 34.6W	S PASC03WT
1557	19/ 3/83			HCNI	TS I STA 17-17	02	GRD 33	49.4S	114 19.8W	S PASC03WT
1836	24/ 3/83			HCNI	TS I STA 22-22	02	GRD 29	59.4S	113 30.3W	S PASC03WT
0255	27/ 3/83			HCNI	TS I STA 23-23	02	GRD 26	12.6S	114 02.0W	S PASC03WT
0357	28/ 3/83			HCNI	TS I STA 25-25	02	GRD 26	51.8S	111 08.5W	S PASC03WT

GMT D / M / Y	LOC LOC	CODE	SAMPLE IDENT.	CODE	LAT.	LONG.	LEG-SHIP
TIME DATE	TIME TZ	SAMP		DISP			CRUISE

CONDUCTIVITY, TEMPERATURE, DEPTH

1520	4/ 3/83	TDCT	STA 01	2580M R 4	PCF	26 32.3S	112 34.2W	S PASC03WT
1700	5/ 3/83	TDCT	STA 02	3026M R 6	PCF	28 46.3S	114 19.8W	S PASC03WT
1401	6/ 3/83	TDCT	STA 03	2950M R 6	PCF	29 03.4S	110 46.4W	S PASC03WT
1357	7/ 3/83	TDCT	STA 04	2400M R 6	PCF	29 54.9S	111 44.4W	S PASC03WT
0518	8/ 3/83	TDCT	STA 05	2604M R12	PCF	30 08.0S	110 01.1W	S PASC03WT
1922	8/ 3/83	TDCT	STA 06	2280M R12	PCF	30 44.6S	111 52.2W	S PASC03WT
0803	9/ 3/83	TDCT	STA 07	2600M R12	PCF	31 08.3S	113 47.9W	S PASC03WT
0752	10/ 3/83	TDCT	STA 08	2560M R12	PCF	31 45.5S	110 05.4W	S PASC03WT
1307	11/ 3/83	TDCT	STA 09	2610M R12	PCF	32 43.0S	114 01.3W	S PASC03WT
0408	12/ 3/83	TDCT	STA 10	2260M R12	PCF	33 04.1S	112 27.7W	S PASC03WT
2344	12/ 3/83	TDCT	STA 11	2490M R12	PCF	33 06.8S	110 37.4W	S PASC03WT
2017	13/ 3/83	TDCT	STA 12	2135M R12	PCF	33 22.8S	109 17.5W	S PASC03WT
2350	14/ 3/83	TDCT	STA 13	3040M R12	PCF	34 29.6S	109 14.2W	S PASC03WT
0541	15/ 3/83	TDCT	STA 14	2500M R12	PCF	34 28.4S	109 13.5W	S PASC03WT
1530	17/ 3/83	TDCT	STA 15	3250M R12	PCF	33 58.2S	109 14.0W	S PASC03WT
2331	18/ 3/83	TDCT	STA 16	2254M R12	PCF	33 53.2S	112 34.6W	S PASC03WT
1557	19/ 3/83	TDCT	STA 17	2450M R12	PCF	33 49.4S	114 19.8W	S PASC03WT
0037	20/ 3/83	TDCT	STA 18	1450M R12	PCF	33 27.1S	113 09.3W	S PASC03WT
0451	21/ 3/83	TDCT	STA 19	2320M R12	PCF	32 29.5S	112 23.6W	S PASC03WT
1419	22/ 3/83	TDCT	STA 20	2390M R12	PCF	32 18.3S	112 09.1W	S PASC03WT
2310	23/ 3/83	TDCT	STA 21	2390M R12	PCF	31 24.8S	111 58.0W	S PASC03WT
1836	24/ 3/83	TDCT	STA 22	2900M R12	PCF	29 59.4S	113 30.3W	S PASC03WT
0255	27/ 3/83	TDCT	STA 23	2835M R12	PCF	26 12.6S	114 02.0W	S PASC03WT
1323	27/ 3/83	TDCT	STA 24	2085M R12	PCF	26 28.8S	112 37.6W	S PASC03WT
0357	28/ 3/83	TDCT	STA 25	2803M R12	PCF	26 51.8S	111 08.5W	S PASC03WT

9900

END SAMPLE INDEX

PASC03WT