

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

PASCUA EXPEDITION

LEG 5

Callao, Peru (4 May 1983)
to
San Diego, California (26 May 1983)

R/V T. Washington

Co-Chief Scientists - P. Lonsdale and C. De Moustier

Resident Marine Tech - E. 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

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

Rev June 1982 (Sea Beam)

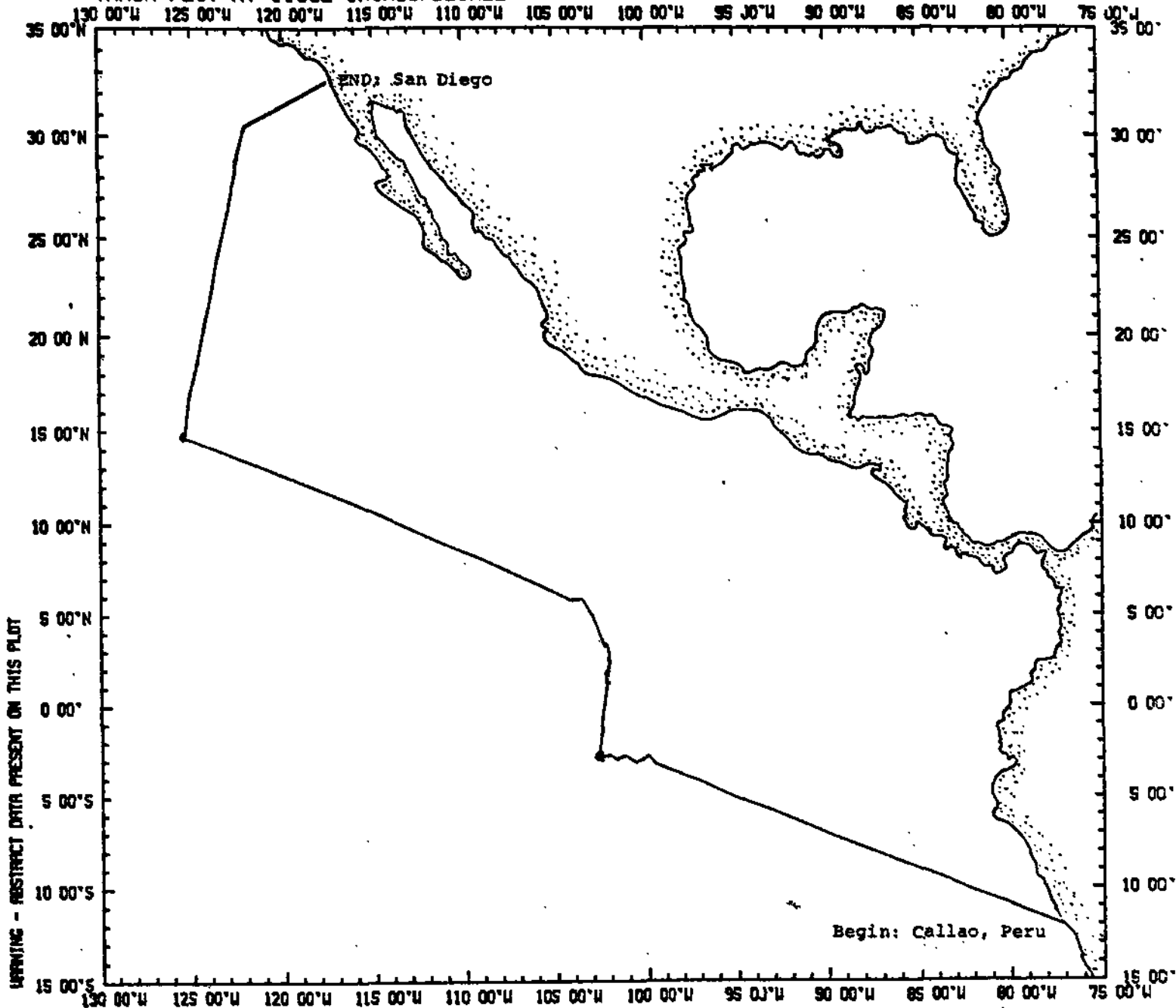
S.I.O. Sea Beam Data

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 (navigation is edited to the extent that poor fixes are removed after inspection of drift vectors between fix pairs. No editing is done on the basis of adjusting to overlapping Sea Beam swaths.)
- 4) Custom generated plots of Sea Beam swaths on Mercator projection in four colors at variable plot scales and contour intervals. There are provisions to adjust positions of individual track lines and to edit out beams (bad data or overlapping data on inside of turns).

S. M. Smith June 1982

PASCOSUT
TRACK PLOT AT .1632 INCHES/DEGREE



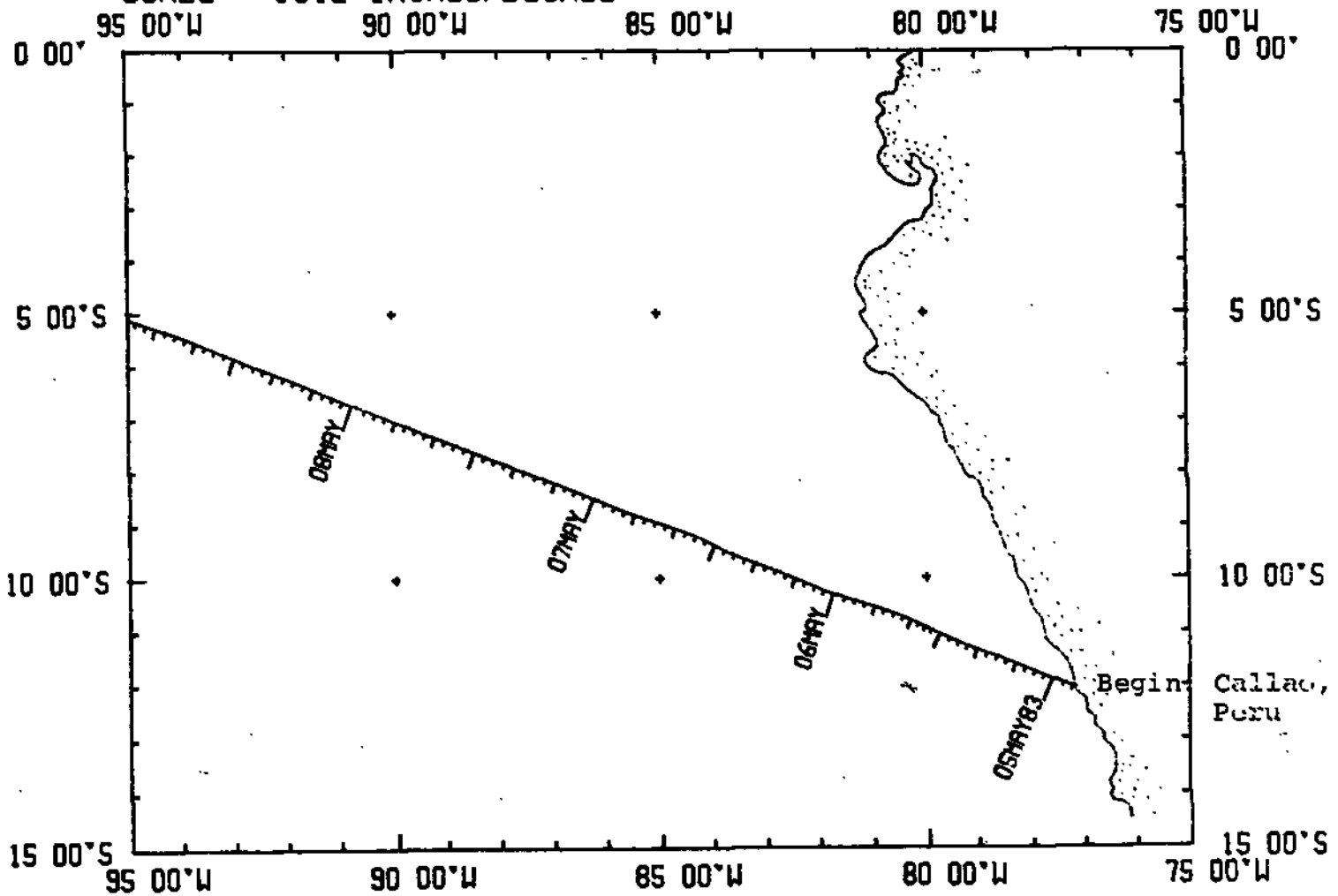
PASCUA EXPEDITION
LEG 5

Co-Chief Scientists: P. Lonsdale and C. De Moustier (SIO)
Ports: Callao, Peru - San Diego, Calif.
Dates: 4 - 26 May 1983
Ship: R/V T. Washington

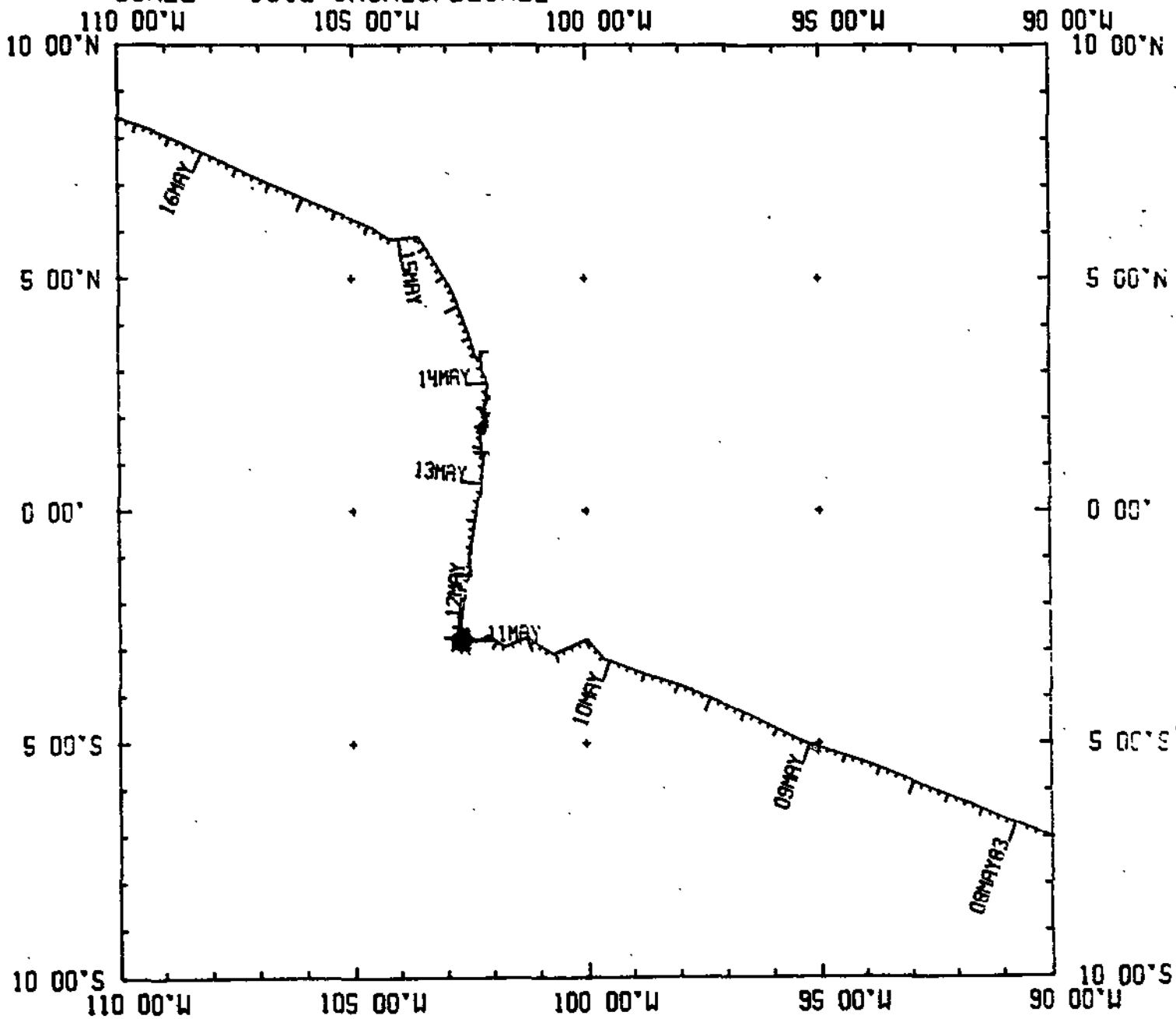
TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

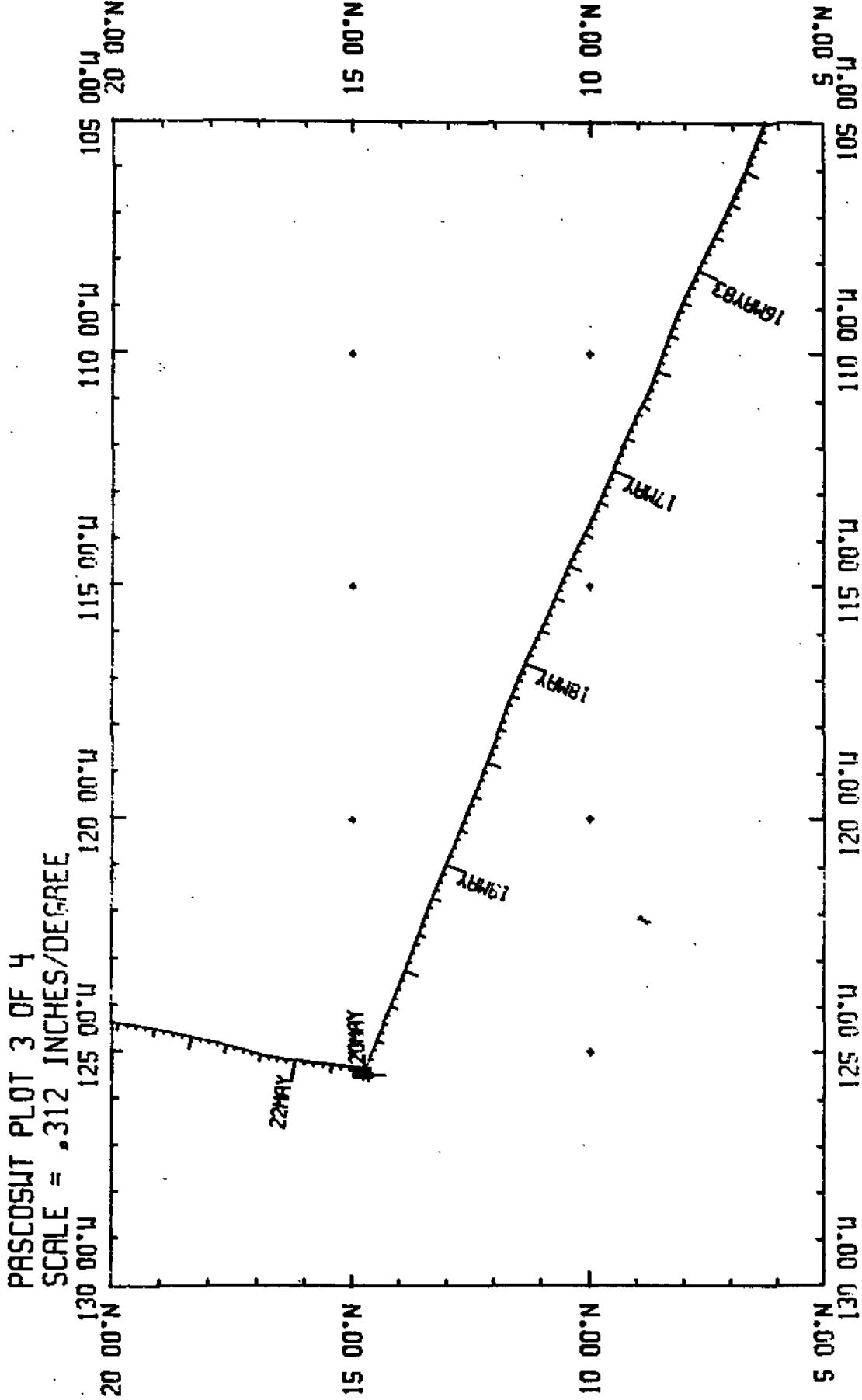
- 1) Cruise - 5850 miles
- 2) Bathymetry - 5810 miles
- 3) Magnetics - 5660 miles
- 4) Seismic Reflection - none collected
- 5) Gravity - 5810 miles
- 6) Seabeam - 5810 miles

PASCOSWT PLOT 1 OF 4
SCALE = .312 INCHES/DEGREE

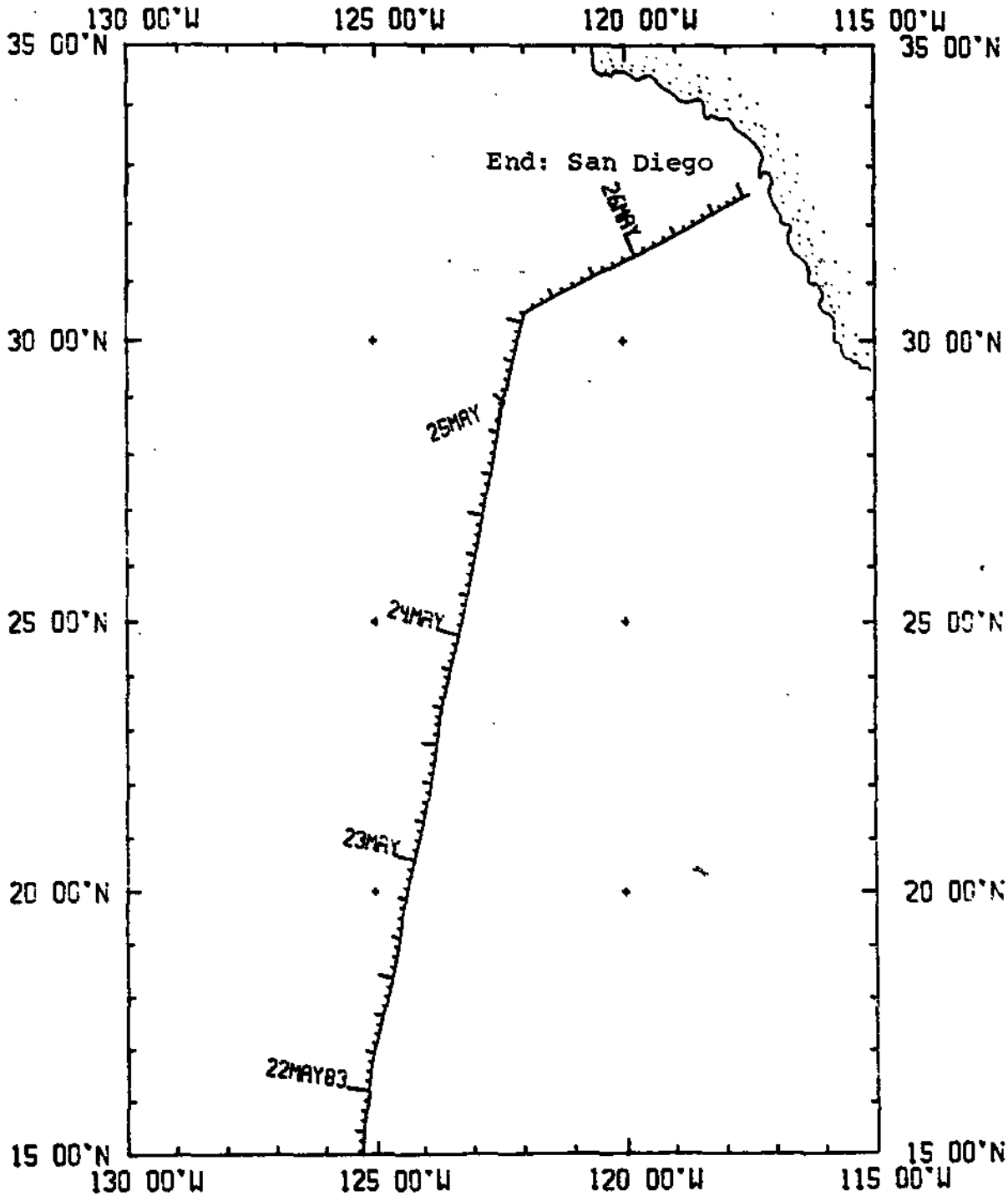


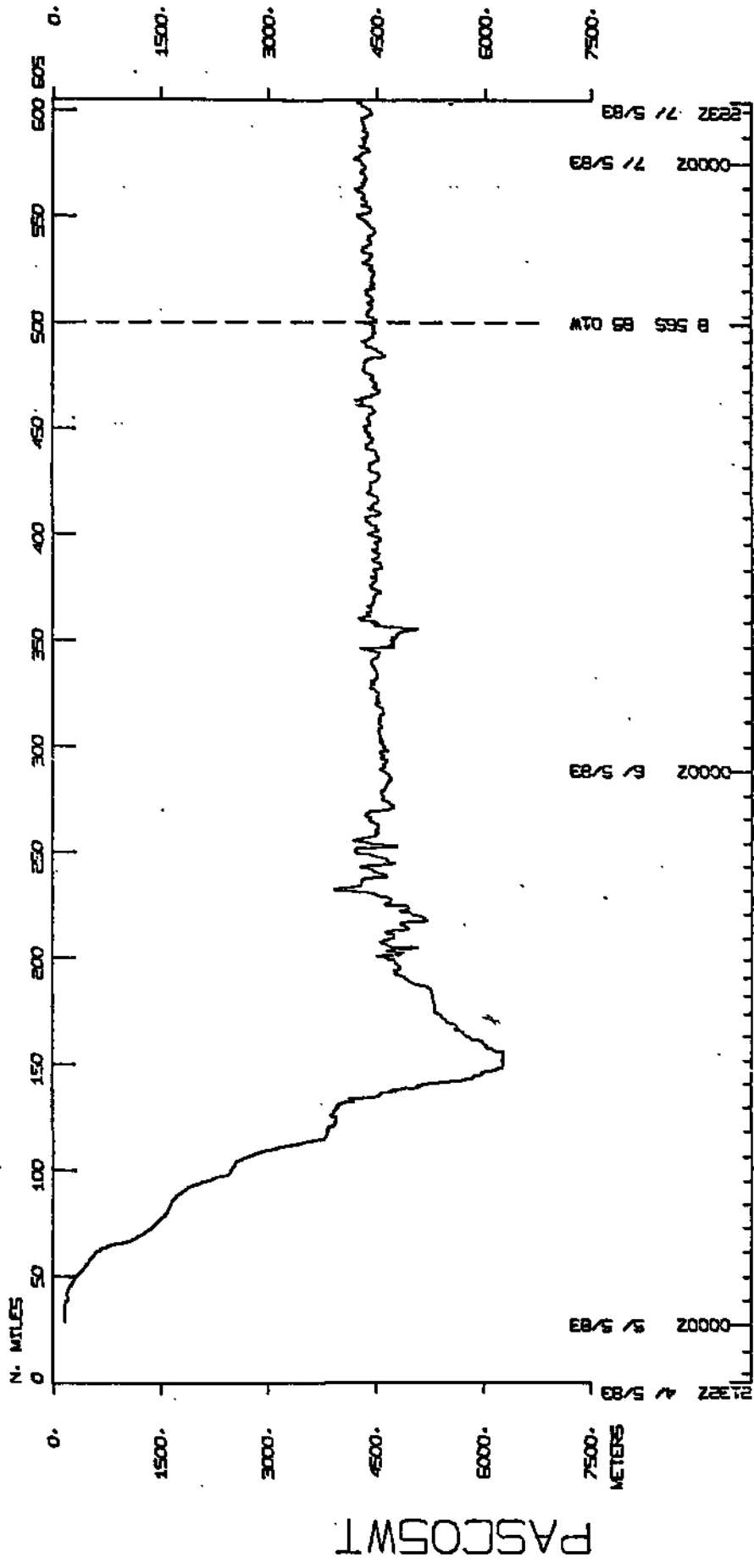
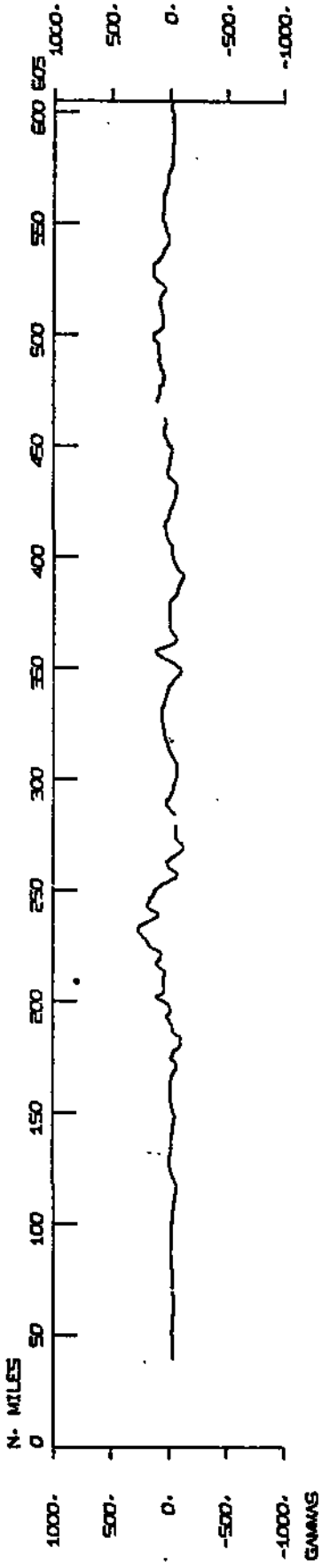
PASCOSWT PLOT 2 OF 4
SCALE = .312 INCHES/DEGREE



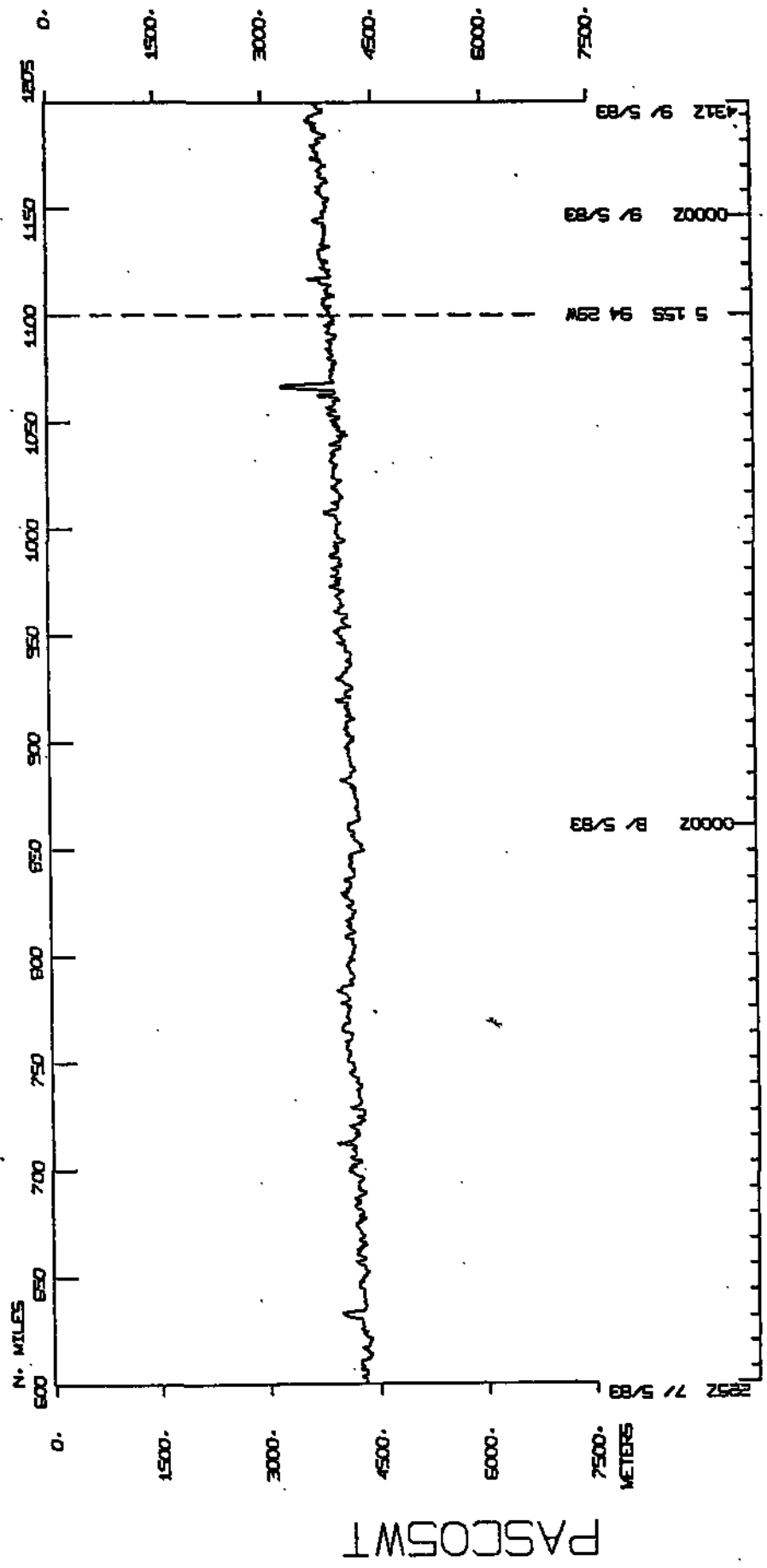
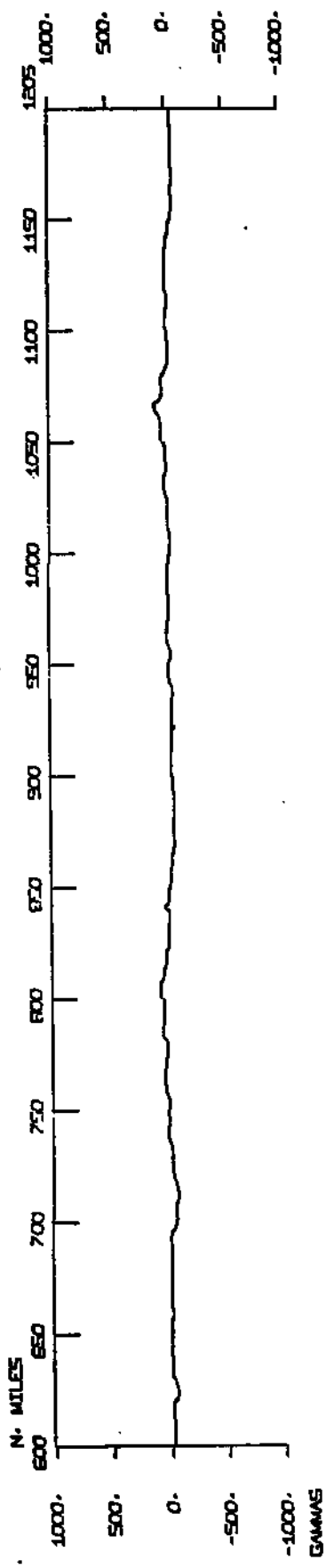


PASCOSWT PLOT 4 OF 4
SCALE = .312 INCHES/DEGREE

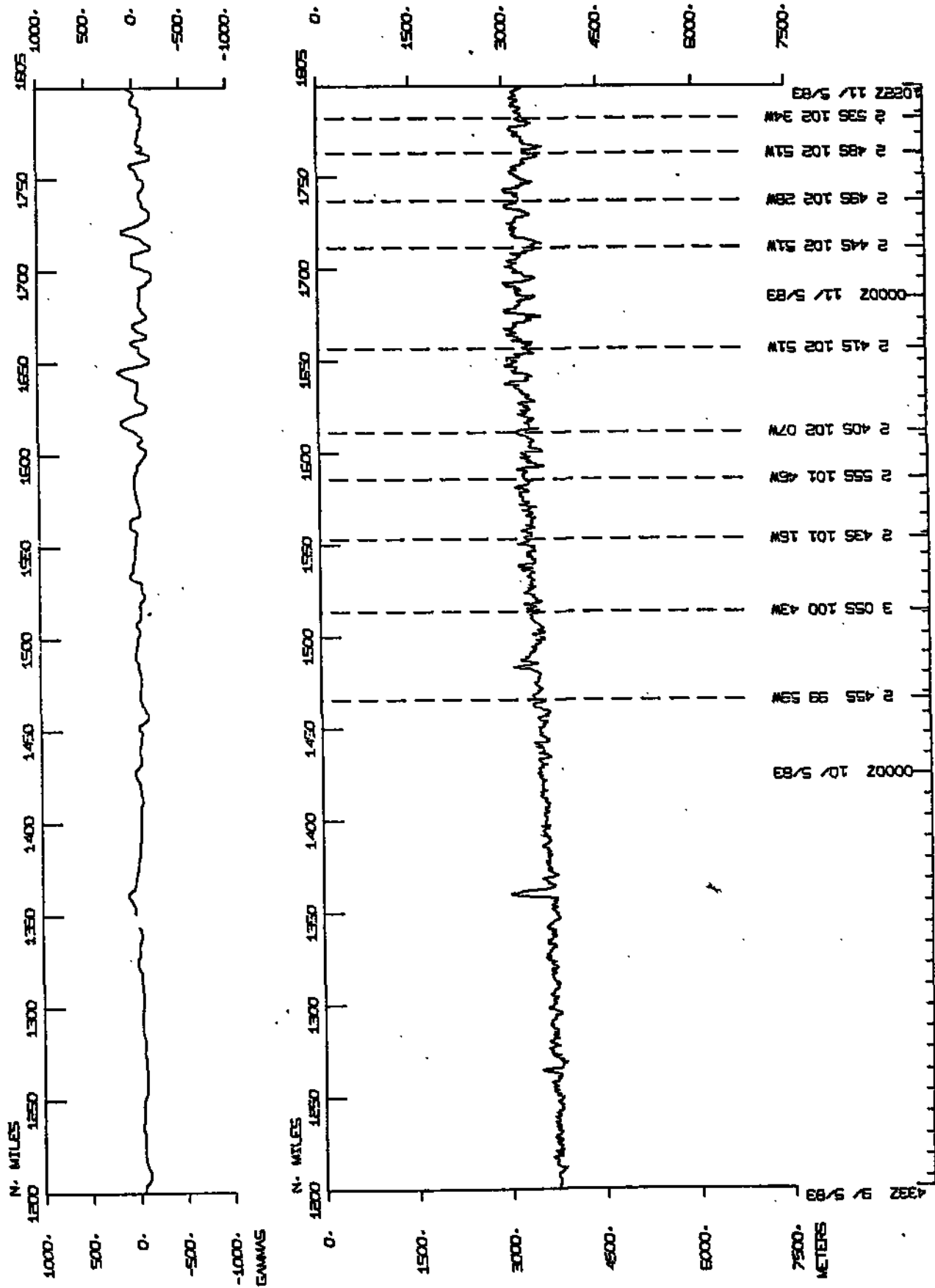




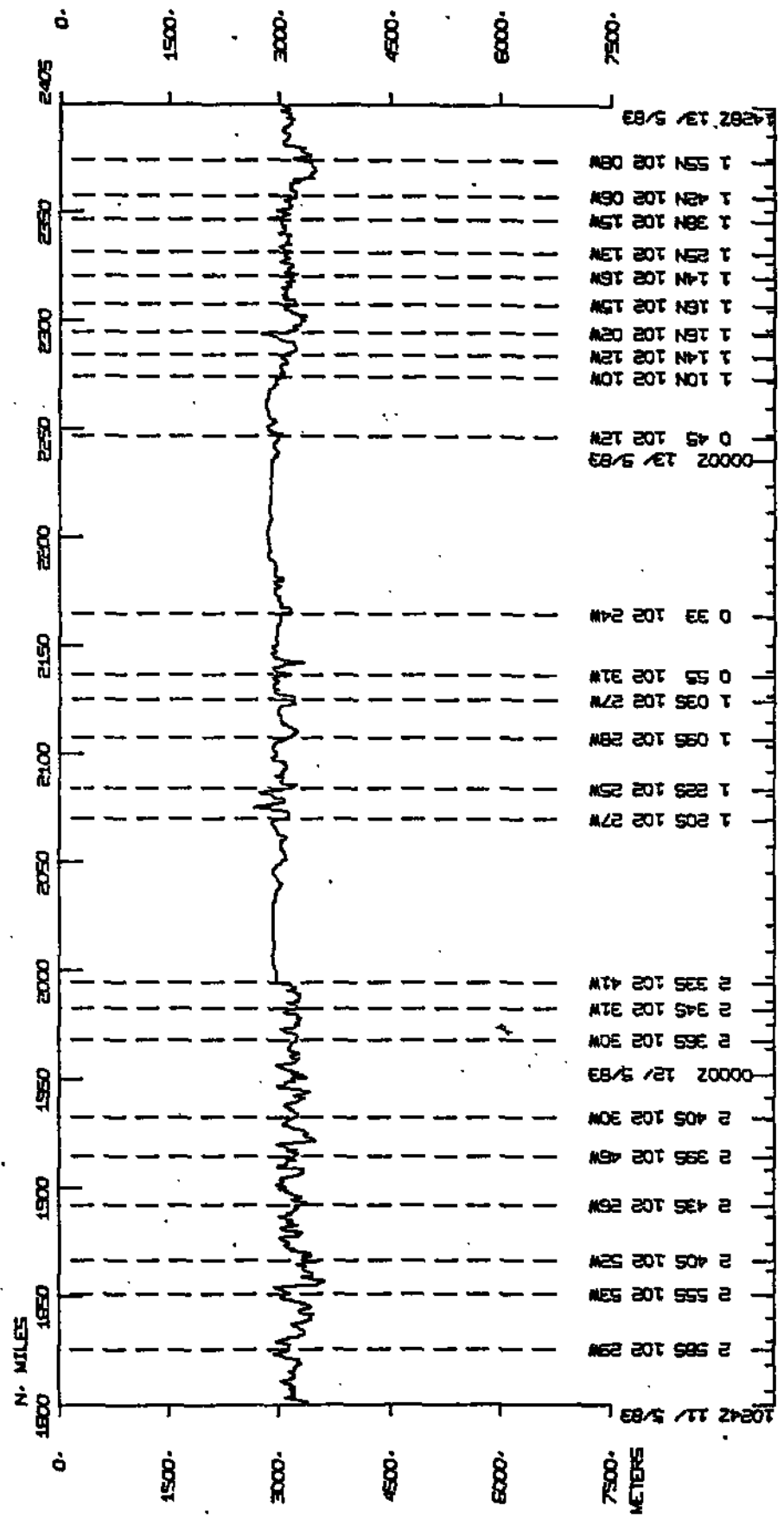
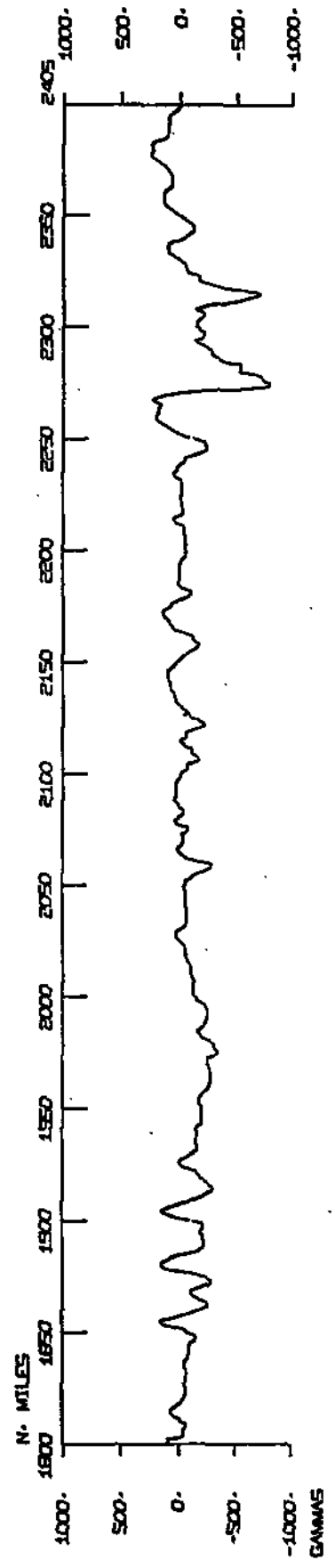
WATERGAS



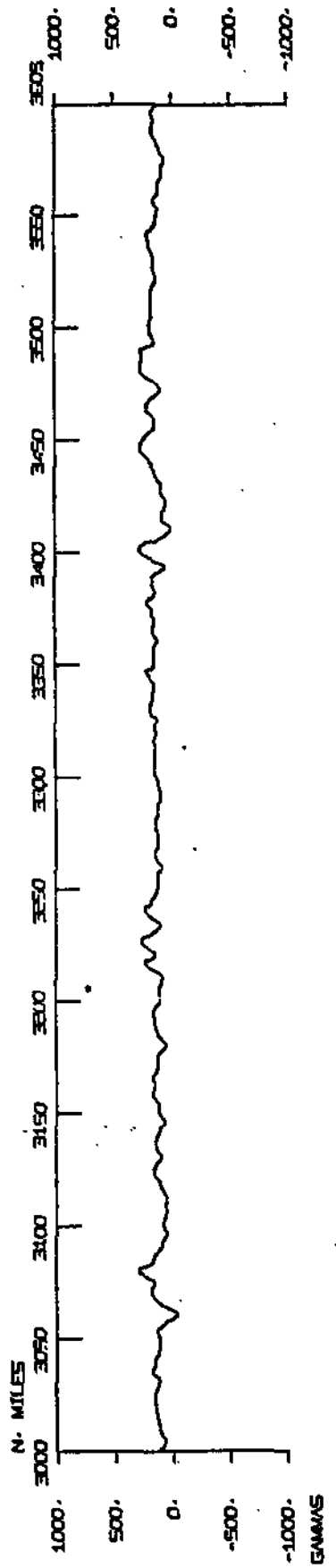
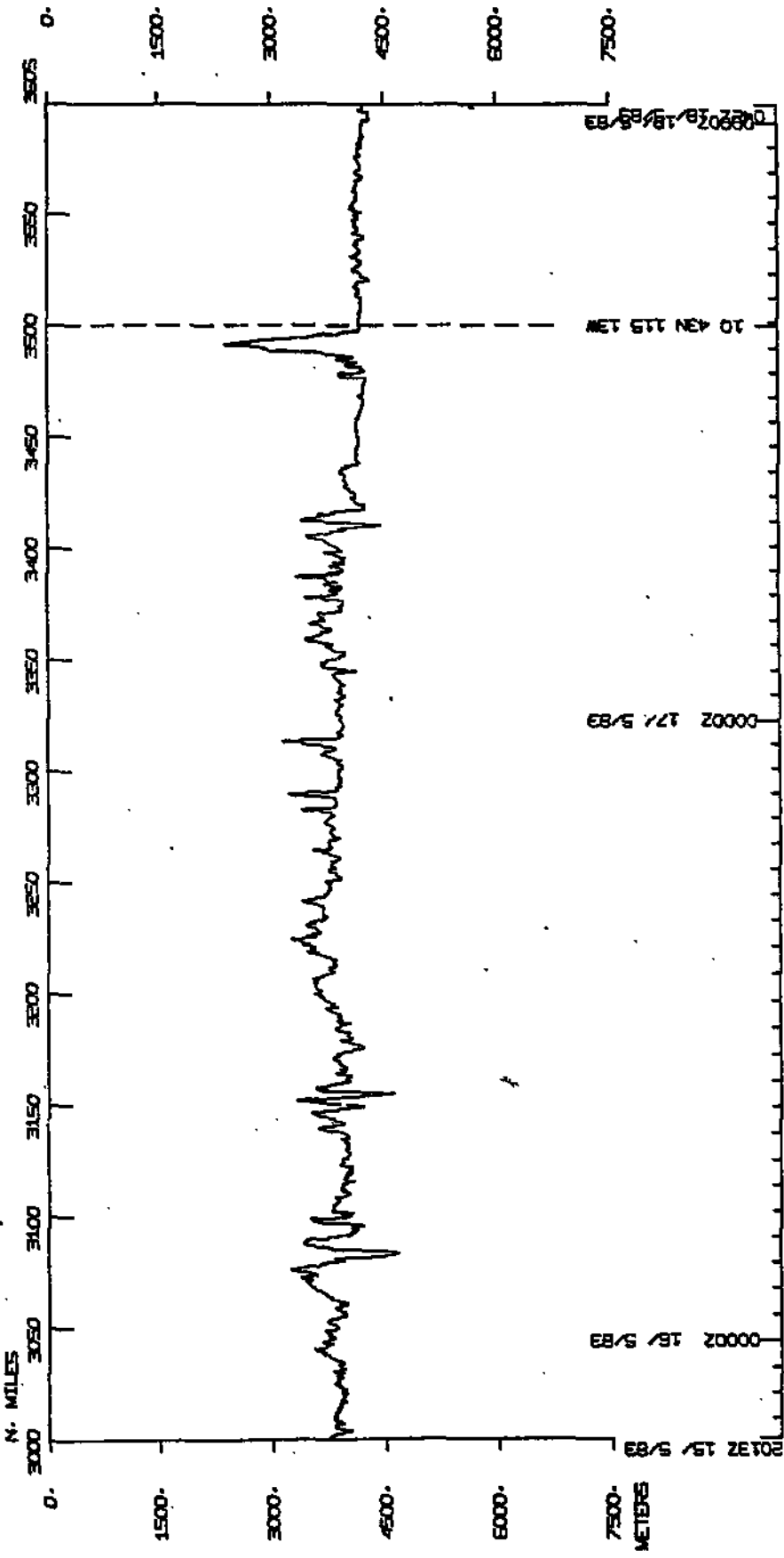
PASCOSWT



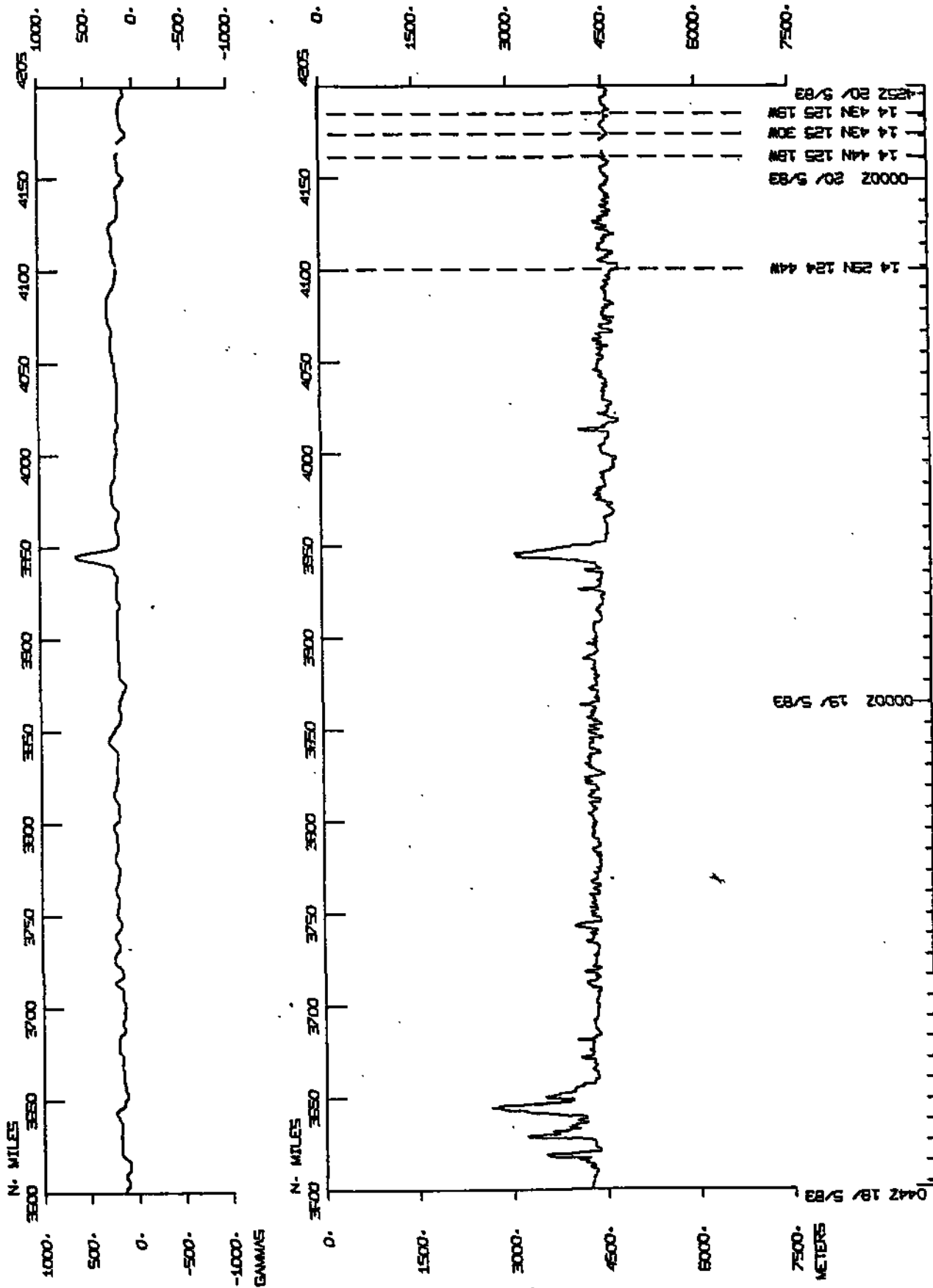
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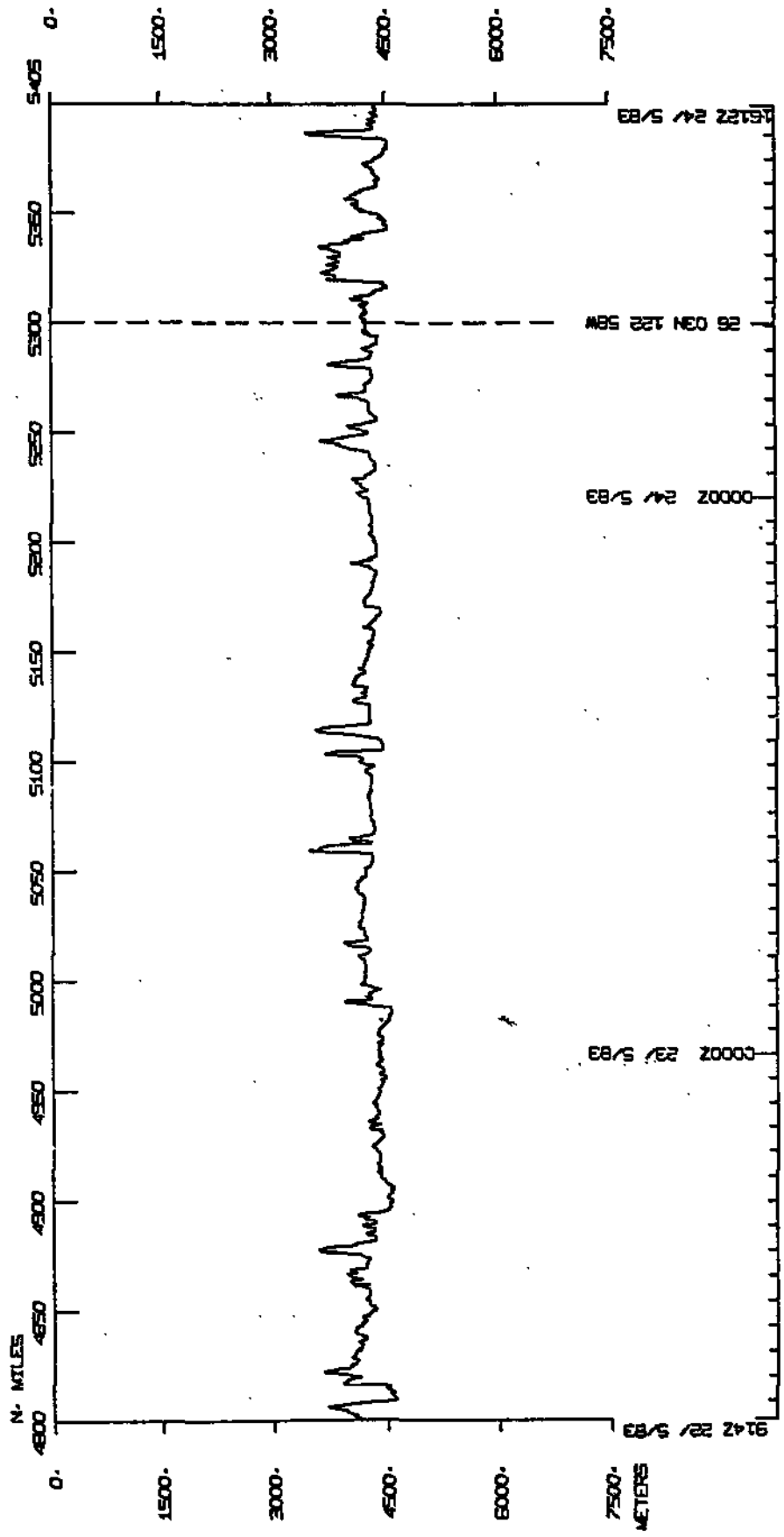
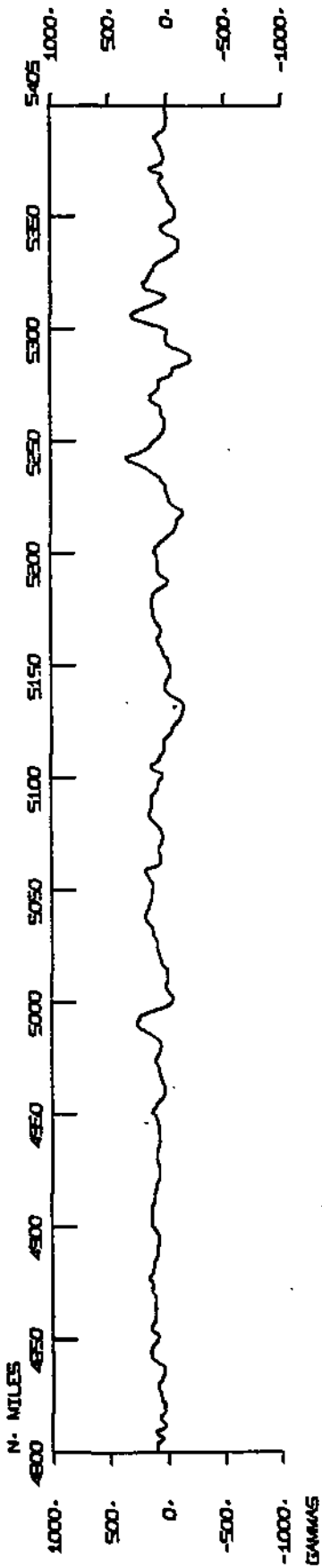


PASCOSWT



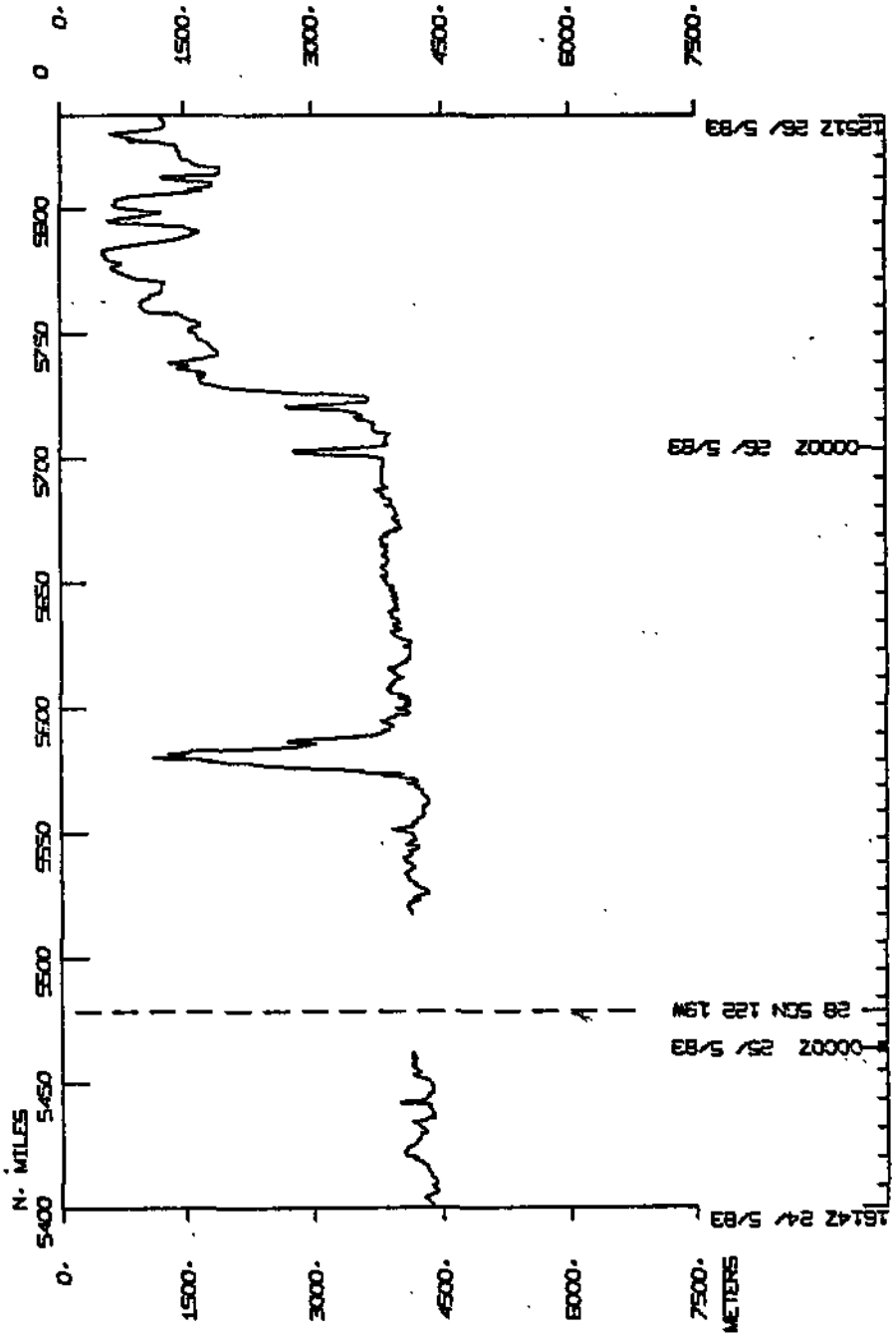
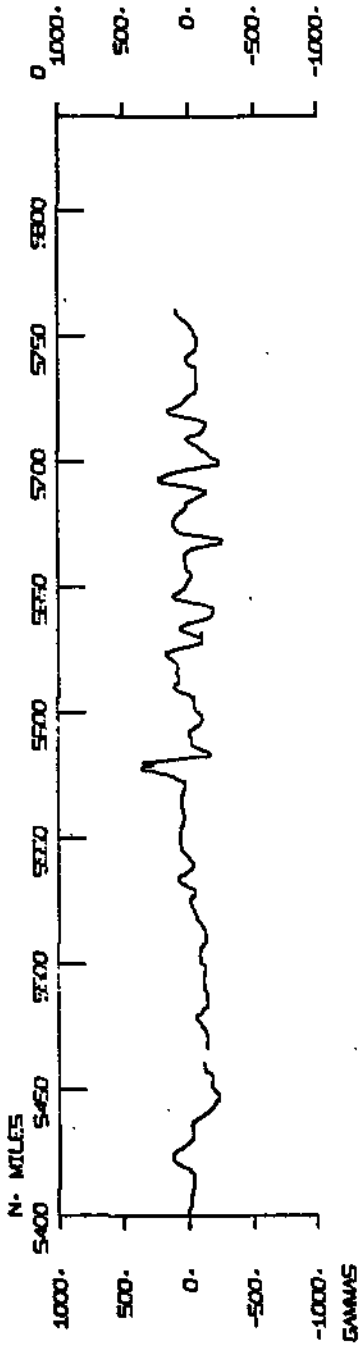
PASCOSWT





PASCOSWT

PASCOSWT



S.I.O. Sample Index

(Issued June 1983)

PASCUA EXPEDITION

Leg 5

Callao, Peru (4 May 1983)
to
San Diego, Calif. (26 May 1983)

R/V T. Washington

Co-Chief Scientists - P. Lonsdale and C. De Moustier

Resident Marine Tech - E. 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.)

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

DISP	TYPE									TOTAL
	BT	DP	GV	LB	MB	MG	PE	TG		
DSD	I						1		1	1
GDC	I	1	3	2	1	28	2		1	38
MPL	I					6		3	1	9
MTG	I						3		1	3
NOA	I	55							1	55
UCJ	I							1	1	1
TOTAL	I	56	3	2	1	34	2	8	1	107

SAMPLE 'TYPE' CODES USED ABOVE

BT = BATHYTHERMOGRAM
 DP = DEPTH
 GV = GRAVITY
 LB = LOG BOOKS
 MB = MULTI-BEAM (SEABEAM) ECHOSOUNDER
 MG = MAGNETICS (TOWED VEHICLE, SURFACE, TOTAL FIELD)
 PE = PERSONNEL IN SCIENTIFIC PARTY
 TG = THERMOGRAPH

SAMPLE 'DISP' CODES USED ABOVE

DSD = DEEP SEA DRILLING PROJECT -- E. LONG (EXT. 3506)
 GDC = GEOLOGICAL DATA CENTER -- S. SMITH (EXT. 2621)
 MPL = MARINE PHYSICAL LAB. (EXT 2305)
 MTG = MARINE TECHNOLOGY GROUP (EXT 4194)
 NOA = NATIONAL OCEANOGRAPHIC + ATMOSPHERIC ADMINISTRATION
 UCJ = UNIV. CALIF. SAN DIEGO (UCSD)

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

PASCOSWT

*** PORTS ***

2120 4/ 5/83			LGPT B CALLAO, PERU		12 03. S	77 10. W	F PASCOSWT
1700 26/ 5/83			LGPT E SAN DIEGO, CALIF.		32 43. N	117 11. W	F PASCOSWT

*** PERSONNEL ***

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

1 LONSDALE, P.F.	CHIEF SCIENTIST	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
2 DE MOUSTIER, C.P.	CHIEF SCIENTIST	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
3 MOORE, J.L.	COMPUTER TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
4 PILLARD, E.G.	RESIDENT TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
5 LINZER, M.A.	SEABEAM OPERATOR	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
6 HYLAS, T.A.	S.R. ELECT TECH	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
7 BALTUCK, M.	SCI PARTY MEMBER	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093
8 SILAN, C.M.	VOLUNTEER	SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093

NOTES AN 'X' IN THE (B)EGIN/(F)IND 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 TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
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UNDERWAY DATA CURATOR - STUART SMITH (EXT.2752)

*** LOG BOOKS ***

2130 4/ 5/83		LBWU B	UNDERWAY WATCH LOG	GDC 12	02.9S	77 09.7W	S PASC05WT
1251 26/ 5/83		LBWU E	UNDERWAY WATCH LOG	GDC 32	31.7N	117 28.0W	S PASC05WT

*** MAGNETOMETER ***

0110 5/ 5/83		MGRA B	MAGNETICS R-01	GDC 11	48.7S	77 47.4W	S PASC05WT
0217 16/ 5/83		MGRA E	MAGS. R-01 4IN/HR	GDC 07	54.0N	108 33.7W	S PASC05WT
0225 16/ 5/83		MGRA B	MAGNETICS R-02	GDC 07	54.7N	108 35.1W	S PASC05WT
0454 26/ 5/83		MGRA E	MAGS. R-02 4IN/HR	GDC 31	53.8N	118 47.4W	S PASC05WT

SEABEAM MONITOR RECORD - VERTICAL BEAM

0115 5/ 5/83		MBMR B	12KHZ SB MONITOR-01	GDC 11	48.3S	77 48.3W	S PASC05WT
1939 5/ 5/83		MBMR E	12KHZ SB MONITOR-01	GDC 10	33.5S	80 55.9W	S PASC05WT
1947 5/ 5/83		MBMR B	12KHZ SB MONITOR-02	GDC 10	33.0S	80 57.3W	S PASC05WT
2353 10/ 5/83		MBMR E	12KHZ SB MONITOR-02	GDC 02	46.9S	102 25.8W	S PASC05WT
0003 11/ 5/83		MBMR B	12KHZ SB MONITOR-03	GDC 02	48.5S	102 25.5W	S PASC05WT
1048 16/ 5/83		MBMR E	12KHZ SB MONITOR-03	GDC 08	30.4N	110 07.4W	S PASC05WT
1057 16/ 5/83		MBMR B	12KHZ SB MONITOR-04	GDC 08	31.0N	110 09.0W	S PASC05WT
1720 21/ 5/83		MBMR E	12KHZ SB MONITOR-04	GDC 14	56.2N	125 18.6W	S PASC05WT
1730 21/ 5/83		MBMR B	12KHZ SB MONITOR-05	GDC 14	57.9N	125 18.2W	S PASC05WT
1338 26/ 5/83		MBMR E	12KHZ SB MONITOR-05	GDC 32	31.8N	117 27.8W	S PASC05WT

*** FATHOGRAMS ***

2100 8/ 5/83		DPR3 B	EPC 3.5KHZ R-01	GDC 05	12.1S	94 40.3W	S PASC05WT
1500 10/ 5/83		DPR3 E	EPC 3.5KHZ R-01	GDC 02	55.2S	101 47.0W	S PASC05WT
1505 10/ 5/83		DPR3 B	EPC 3.5KHZ R-02	GDC 02	54.6S	101 47.7W	S PASC05WT
1021 21/ 5/83		DPR3 E	EPC 3.5KHZ R-02	GDC 14	51.2N	125 31.7W	S PASC05WT
1032 21/ 5/83		DPR3 B	EPC 3.5KHZ R-03	GDC 14	51.5N	125 29.7W	S PASC05WT
2343 25/ 5/83		OPR3 E	EPC 3.5KHZ R-03	GDC 31	26.0N	119 49.8W	S PASC05WT

GMT D / M / Y TIME DATE	LOC LOC TIME T2	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
SEABEAM SWATH BOOK - REALTIME CONTOUR SWATH							
0110 5/ 5/83		MBSB B SB	SWATH BOOK-01	GDC 11	48.7S	77 47.4W	S PASC05WT
0525 6/ 5/83		MBSB E SB	SWATH BOOK-01	GDC 09	54.2S	82 43.2W	S PASC05WT
0525 6/ 5/83		MBSB B SB	SWATH BOOK-02	GDC 09	54.2S	82 43.2W	S PASC05WT
1203 7/ 5/83		MBSB E SB	SWATH BOOK-02	GDC 07	37.1S	88 29.3W	S PASC05WT
1203 7/ 5/83		MBSB B SB	SWATH BOOK-03	GDC 07	37.1S	88 29.3W	S PASC05WT
1948 8/ 5/83		MBSB E SB	SWATH BOOK-03	GDC 05	16.7S	94 26.7W	S PASC05WT
1949 8/ 5/83		MBSB B SB	SWATH BOOK-04	GDC 05	16.6S	94 26.9W	S PASC05WT
0421 10/ 5/83		MBSB E SB	SWATH BOOK-04	GDC 02	48.6S	100 05.4W	S PASC05WT
0422 10/ 5/83		MBSB B SB	SWATH BOOK-05	GDC 02	48.6S	100 05.6W	S PASC05WT
1538 11/ 5/83		MBSB E SB	SWATH BOOK-05	GDC 02	48.7S	102 53.3W	S PASC05WT
1538 11/ 5/83		MBSB B SB	SWATH BOOK-06	GDC 02	48.7S	102 53.3W	S PASC05WT
2354 12/ 5/83		MBSB E SB	SWATH BOOK-06	GDC 00	33.8N	102 13.2W	S PASC05WT
2354 12/ 5/83		MBSB B SB	SWATH BOOK-07	GDC 00	33.8N	102 13.2W	S PASC05WT
0910 14/ 5/83		MBSB E SB	SWATH BOOK-07	GDC 03	55.1N	102 31.8W	S PASC05WT
0912 14/ 5/83		MBSB B SB	SWATH BOOK-08	GDC 03	55.4N	102 31.9W	S PASC05WT
1936 15/ 5/83		MBSB E SB	SWATH BOOK-08	GDC 07	20.2N	107 23.0W	S PASC05WT
1938 15/ 5/83		MBSB B SB	SWATH BOOK-09	GDC 07	20.3N	107 23.3W	S PASC05WT
0500 17/ 5/83		MBSB E SB	SWATH BOOK-09	GDC 09	53.0N	113 21.5W	S PASC05WT
0500 17/ 5/83		MBSB B SB	SWATH BOOK-10	GDC 09	53.0N	113 21.5W	S PASC05WT
1624 18/ 5/83		MBSB E SB	SWATH BOOK-10	GDC 12	28.3N	119 34.8W	S PASC05WT
1628 18/ 5/83		MBSB B SB	SWATH BOOK-11	GDC 12	28.6N	119 35.5W	S PASC05WT
0047 20/ 5/83		MBSB E SB	SWATH BOOK-11	GDC 14	44.5N	125 21.9W	S PASC05WT
0047 20/ 5/83		MBSB B SB	SWATH BOOK-12	GDC 14	44.5N	125 21.9W	S PASC05WT
1050 21/ 5/83		MBSB E SB	SWATH BOOK-12	GDC 14	51.5N	125 26.2W	S PASC05WT
1050 21/ 5/83		MBSB B SB	SWATH BOOK-13	GDC 14	51.5N	125 26.2W	S PASC05WT
2050 22/ 5/83		MBSB E SB	SWATH BOOK-13	GDC 20	02.1N	124 20.1W	S PASC05WT
2050 22/ 5/83		MBSB B SB	SWATH BOOK-14	GDC 20	02.1N	124 20.1W	S PASC05WT
0651 24/ 5/83		MBSB E SB	SWATH BOOK-14	GDC 26	00.5N	122 59.2W	S PASC05WT
0651 24/ 5/83		MBSB B SB	SWATH BOOK-15	GDC 26	00.5N	122 59.2W	S PASC05WT
2111 25/ 5/83		MBSB E SB	SWATH BOOK-15	GDC 31	12.8N	120 20.7W	S PASC05WT
2111 25/ 5/83		MBSB B SB	SWATH BOOK 16	GDC 31	12.8N	120 20.7W	S PASC05WT
1338 26/ 5/83		MBSB E SB	SWATH BOOK 16	GDC 32	31.8N	117 27.8W	S PASC05WT

28JUN83 PAGE 4

GMT D /M /Y TIME DATE	LOC LOC TIME TZ	CODE SAMP	SAMPLE IDENT.	CODE DISP	LAT.	LONG.	LEG-SHIP CRUISE
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SEABEAM MAG TAPE - RAW LOGGED DATA

0009 5/ 5/83		MBMT B	S.B.RAW DATA TAPE-01	GDC 11	53.0S	77 37.3W	S PASC05WT
0411 10/ 5/83		MBMT E	S.B.RAW DATA TAPE-01	GDC 02	47.8S	100 03.7W	S PASC05WT
0411 10/ 5/83		MBMT B	S.B.RAW DATA TAPE-02	GDC 02	47.8S	100 03.7W	S PASC05WT
1530 14/ 5/83		MBMT E	S.B.RAW DATA TAPE-02	GDC 04	57.3N	102 59.9W	S PASC05WT
1530 14/ 5/83		MBMT B	S.B.RAW DATA TAPE-03	GDC 04	57.3N	102 59.9W	S PASC05WT
1425 20/ 5/83		MBMT E	S.B.RAW DATA TAPE-03	GDC 14	38.7N	125 29.8W	S PASC05WT
1425 20/ 5/83		MBMT B	S.B.RAW DATA TAPE-04	GDC 14	38.7N	125 29.8W	S PASC05WT
1050 26/ 5/83		MBMT E	S.B.RAW DATA TAPE-04	GDC 32	23.7N	117 46.4W	S PASC05WT
1050 26/ 5/83		MBMT B	S.B.RAW DATA TAPE-05	GDC 32	23.7N	117 46.4W	S PASC05WT
1334 26/ 5/83		MBMT E	S.B.RAW DATA TAPE-05	GDC 32	31.8N	117 27.8W	S PASC05WT

SEABEAM SOUNd VELOCITY PROFILE

2254 19/ 5/83		MBVP B	SOUND VEL.PROFILE-01	GDC 14	42.5N	125 18.6W	S PASC05WT
0215 25/ 5/83		MBVP E	SOUND VEL.PROFILE-01	GDC 28	45.6N	122 26.5W	S PASC05WT
0217 25/ 5/83		MBVP B	SOUND VEL.PROFILE-02	GDC 28	45.6N	122 26.5W	S PASC05WT
1334 26/ 5/83		MBVP E	SOUND VEL.PROFILE-02	GDC 32	31.8N	117 27.8W	S PASC05WT

SEABEAM SURVEY

2132 4/ 5/83		MBSV B	SB SURVEY TRANSIT	MPL 02	30.0S	77 00.0W	B PASC05WT
1900 10/ 5/83		MBSV E	SB SURVEY TRANSIT	MPL 12	00.0S	102 30.0W	B PASC05WT
1900 10/ 5/83		MBSV B	SB SURVEY SITE 2.8S	MPL 02	30.0S	102 20.0W	B PASC05WT
0400 12/ 5/83		MBSV E	SB SURVEY SITE 2.8S	MPL 03	05.0S	102 55.0W	B PASC05WT
0400 12/ 5/83		MBSV B	SB SURVEY EPR	MPL 06	00.0N	102 00.0W	B PASC05WT
2100 14/ 5/83		MBSV E	SB SURVEY EPR	MPL 03	05.0S	103 30.0W	B PASC05WT
2100 14/ 5/83		MBSV B	SB TRANSIT	MPL 15	00.0N	103 30.0W	B PASC05WT
2250 19/ 5/83		MBSV E	SB TRANSIT	MPL 06	00.0N	125 30.0W	B PASC05WT
2250 19/ 5/83		MBSV B	SB SURVEY CHRISTIANS	MPL 15	00.0N	125 15.0W	B PASC05WT
1720 21/ 5/83		MBSV E	SB SURVEY CHRISTIANS	MPL 14	35.0N	125 40.0W	B PASC05WT
1720 21/ 5/83		MBSV B	SB SURVEY TRANSIT	MPL 32	30.0N	117 20.0W	B PASC05WT
1400 26/ 5/83		MBSV E	SB SURVEY TRANSIT	MPL 15	00.0N	125 15.0W	B PASC05WT

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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GRAVIMETRIC RECORDS

2330	4 / 5/83			GVRA B	GRAVIMETER R-01	GDC 11	55.9S	77 30.0W	S PASC05WT
1440	16 / 5/83			GVRA E	GRAVIMETER R-01	GDC 08	47.1N	110 51.5W	S PASC05WT
1450	16 / 5/83			GVRA B	GRAVIMETER R-02	GDC 08	47.9N	110 53.4W	S PASC05WT
1338	26 / 5/83			GVRA E	GRAVIMETER R-02	GDC 32	31.8N	117 27.8W	S PASC05WT

*** THERMOGRAPH ***

2130	4 / 5/83			TGRC B	THERMOGRAPHS 01-11	GDC 12	02.9S	77 09.7W	S PASC05WT
1500	26 / 5/83			TGRC E	THERMOGRAPHS 01-11	GDC 32	31.8N	117 27.8W	S PASC05WT

*** BATHYTHERMOGRAPH ***

0245	5 / 5/83			BTXP	XBT-01 NOAA	NOA 11	41.6S	78 05.1W	S PASC05WT
0600	5 / 5/83			BTXP	XBT-02 NOAA	NOA 11	28.0S	78 40.1W	S PASC05WT
1228	5 / 5/83			BTXP	XBT-03 NOAA	NOA 11	00.7S	79 49.7W	S PASC05WT
1958	5 / 5/83			BTXP	XBT-04 NOAA	NOA 10	32.4S	80 59.3W	S PASC05WT
0428	6 / 5/83			BTXP	XBT-05 NOAA	NOA 09	58.4S	82 32.8W	S PASC05WT
1058	6 / 5/83			BTXP	XBT-06 NOAA	NOA 09	28.1S	83 46.7W	S PASC05WT
1658	6 / 5/83			BTXP	XBT-07 NOAA	NOA 08	59.4S	84 53.2W	S PASC05WT
0000	7 / 5/83			BTXP	XBT-08 NOAA	NOA 08	29.7S	86 13.1W	S PASC05WT
0647	7 / 5/83			BTXP	XBT-09 NOAA	NOA 08	00.2S	87 29.7W	S PASC05WT
1337	7 / 5/83			BTXP	XBT-10 NOAA	NOA 07	30.0S	88 47.0W	S PASC05WT
2015	7 / 5/83			BTXP	XBT-11 NOAA	NOA 07	00.4S	90 02.0W	S PASC05WT
0255	8 / 5/83			BTXP	XBT-12 NOAA	NOA 06	30.0S	91 17.8W	S PASC05WT
0947	8 / 5/83			BTXP	XBT-13 NOAA	NOA 05	59.6S	92 34.7W	S PASC05WT
1612	8 / 5/83			BTXP	XBT-14 NOAA	NOA 05	31.2S	93 46.2W	S PASC05WT
0018	9 / 5/83			BTXP	XBT-15 NOAA	NOA 04	59.8S	95 16.4W	S PASC05WT
0655	9 / 5/83			BTXP	XBT-16 NOAA	NOA 04	25.8S	96 26.8W	S PASC05WT
1230	9 / 5/83			BTXP	XBT-17 NOAA	NOA 03	58.9S	97 26.6W	S PASC05WT
2013	9 / 5/83			BTXP	XBT-18 NOAA	NOA 03	29.2S	98 49.7W	S PASC05WT
0207	10 / 5/83			BTXP	XBT-19 NOAA	NOA 02	59.5S	99 47.9W	S PASC05WT
0450	10 / 5/83			BTXP	XBT-20 NOAA	NOA 02	50.8S	100 10.2W	S PASC05WT
0643	10 / 5/83			BTXP	XBT-21 NOAA	NOA 02	59.0S	100 29.0W	S PASC05WT
0910	10 / 5/83			BTXP	XBT-22 NOAA	NOA 02	59.1S	100 52.4W	S PASC05WT
1529	12 / 5/83			BTXP	XBT-23 NOAA	NOA 00	57.8S	102 29.6W	S PASC05WT
1833	12 / 5/83			BTXP	XBT-24 NOAA	NOA 00	30.2S	102 24.3W	S PASC05WT
2104	12 / 5/83			BTXP	XBT-25 NOAA	NOA 00	00.2N	102 19.3W	S PASC05WT
2344	12 / 5/83			BTXP	XBT-26 NOAA	NOA 00	31.8N	102 13.4W	S PASC05WT
0222	13 / 5/83			BTXP	XBT-27 NOAA	NOA 01	01.6N	102 11.1W	S PASC05WT
0854	13 / 5/83			BTXP	XBT-28 NOAA	NOA 01	31.1N	102 15.5W	S PASC05WT
1734	13 / 5/83			BTXP	XBT-29 NOAA	NOA 02	02.7N	102 06.7W	S PASC05WT
2244	13 / 5/83			BTXP	XBT-30 NOAA	NOA 02	30.2N	102 07.4W	S PASC05WT
0141	14 / 5/83			BTXP	XBT-31 NOAA	NOA 03	00.8N	102 12.0W	S PASC05WT
0657	14 / 5/83			BTXP	XBT-32 NOAA	NOA 03	31.8N	102 24.4W	S PASC05WT
0939	14 / 5/83			BTXP	XBT-33 NOAA	NOA 04	00.0N	102 33.7W	S PASC05WT
1243	14 / 5/83			BTXP	XBT-34 NOAA	NOA 04	31.0N	102 46.5W	S PASC05WT
1547	14 / 5/83			BTXP	XBT-35 NOAA	NOA 04	59.9N	103 01.5W	S PASC05WT

GMT TIME	D / M / Y DATE	LOC TIME	LOC TZ	CODE SAMP	SAMPLE IDENT.	28JUN83		PAGE	6	LEG-SHIP CRUISE
						CODE DISP	LAT. LONG.			
1904	14/ 5/83			BTXP	XBT-36 NOAA	NOA	05 30.7N 103	20.9W	S	PASC05WT
0234	15/ 5/83			BTXP	XBT-37 NOAA	NOA	06 00.1N 104	26.4W	S	PASC05WT
0912	15/ 5/83			BTXP	XBT-38 NOAA	NOA	06 30.9N 105	33.7W	S	PASC05WT
1543	15/ 5/83			BTXP	XBT-39 NOAA	NOA	07 00.6N 106	42.2W	S	PASC05WT
2137	15/ 5/83			BTXP	XBT-40 NOAA	NOA	07 30.3N 107	44.1W	S	PASC05WT
0338	16/ 5/83			BTXP	XBT-41 NOAA	NOA	08 00.6N 108	48.1W	S	PASC05WT
1038	16/ 5/83			BTXP	XBT-42 NOAA	NOA	08 29.7N 110	05.5W	S	PASC05WT
1734	16/ 5/83			BTXP	XBT-43 NOAA	NOA	09 01.9N 111	22.6W	S	PASC05WT
2243	16/ 5/83			BTXP	XBT-44 NOAA	NOA	09 26.0N 112	15.9W	S	PASC05WT
0623	17/ 5/83			BTXP	XBT-45 NOAA	NOA	09 59.2N 113	35.6W	S	PASC05WT
1938	17/ 5/83			BTXP	XBT-46 NOAA	NOA	11 00.0N 115	53.3W	S	PASC05WT
0941	18/ 5/83			BTXP	XBT-47 NOAA	NOA	12 00.3N 118	22.7W	S	PASC05WT
2355	18/ 5/83			BTXP	XBT-48 NOAA	NOA	13 01.1N 120	57.0W	S	PASC05WT
1341	19/ 5/83			BTXP	XBT-49 NOAA	NOA	14 00.9N 123	34.5W	S	PASC05WT
1745	19/ 5/83			BTXP	XBT-50 NOAA	NOA	14 19.6N 124	20.0W	S	PASC05WT
2255	19/ 5/83			BTXP	XBT-51 NOAA	NOA	14 42.6N 125	18.8W	S	PASC05WT
0421	22/ 5/83			BTXP	XBT-52 NOAA	NOA	17 00.7N 125	00.9W	S	PASC05WT
0951	22/ 5/83			BTXP	XBT-53 NOAA	NOA	17 59.0N 124	44.8W	S	PASC05WT
1521	22/ 5/83			BTXP	XBT-54 NOAA	NOA	19 00.5N 124	30.6W	S	PASC05WT
2035	22/ 5/83			BTXP	XBT-55 NOAA	NOA	19 59.3N 124	20.7W	S	PASC05WT
1830	24/ 5/83			BTXP	XBT-07 SVP. SEABEAM	GDC	28 06.8N 122	31.5W	S	PASC05WT
9900					END SAMPLE INDEX					PASC05WT