

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

(Issued July 1985)

MARATHON EXPEDITION

LEG 13

Cape Town, South Africa (01 April 1985)
to
Recife, Brazil (01 May 1985)

R/V T. Washington

Chief Scientist - J. Fox (Univ of Rhode Island)

Resident Marine Tech - R. Wilson

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

Data Collection Funded by ONR

Grant Number ONR-0440

Data Processing Funded by SIA and ONR

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.# 215

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.

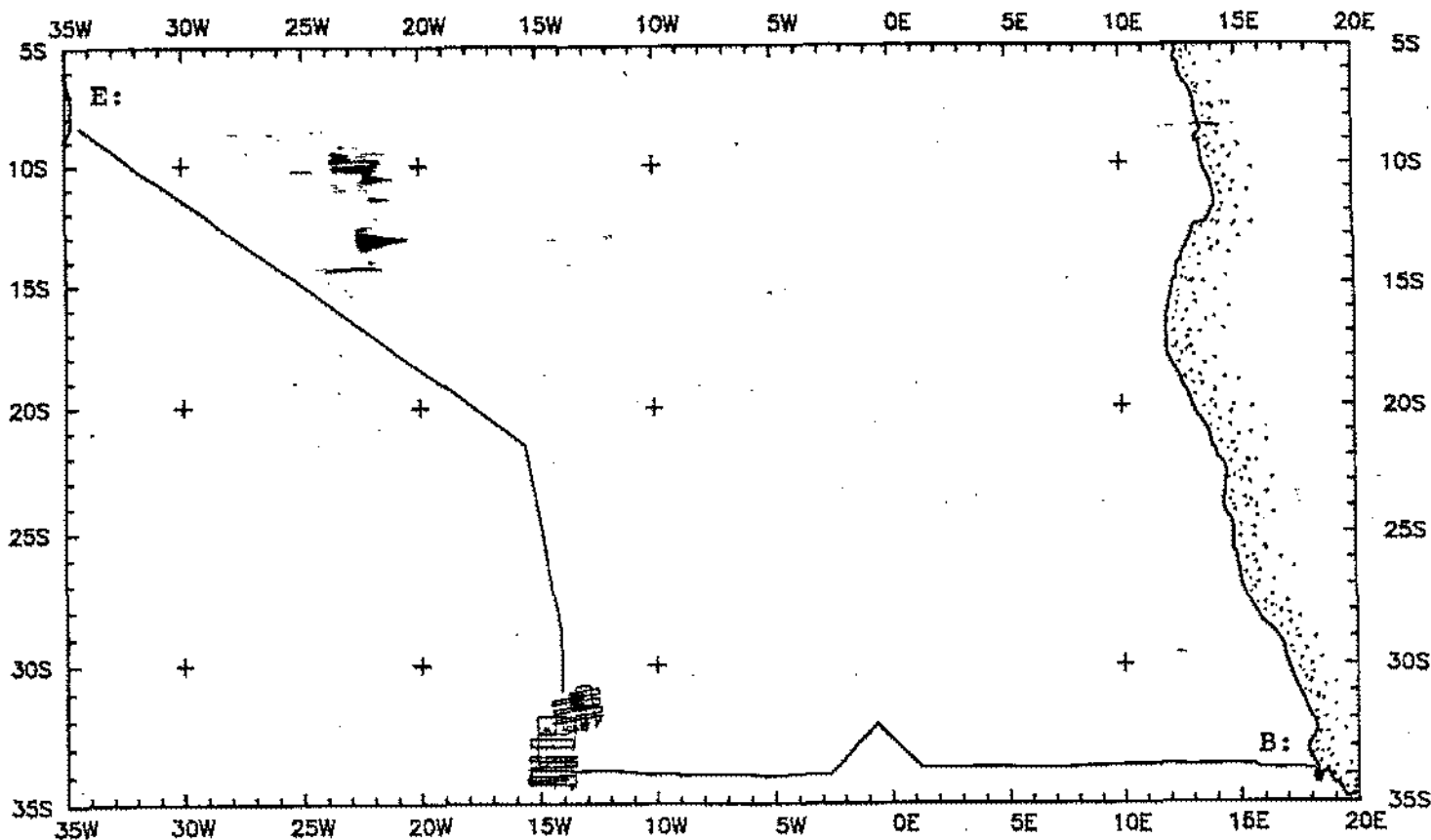
Profiles - depth and magnetic anomaly vs. distance. Dates (day/month) and positions of major course changes (greater than 30 degrees) are annotated. Sections of track having subbottom profiles (airgun or watergun) records have a wide black line along the bottom of the profile. Sections having Sea Beam are indicated by a narrow black 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 (619)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 4in/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 = 1.2in/degree, anomaly scale between 15N and 15S 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 (air or water guns)
 - c. Magnetometer records
 - d. Underway data log

Revised June 1985 (Sea Beam)



MARATHON LEG 13

MARATHON EXPEDITION
LEG 13

CHIEF SCIENTIST: J. Fox
 PORTS: Cape Town, South Africa - Recife, Brazil
 DATES: 1 April - 1 May 1985
 SHIP: R/V Washington

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

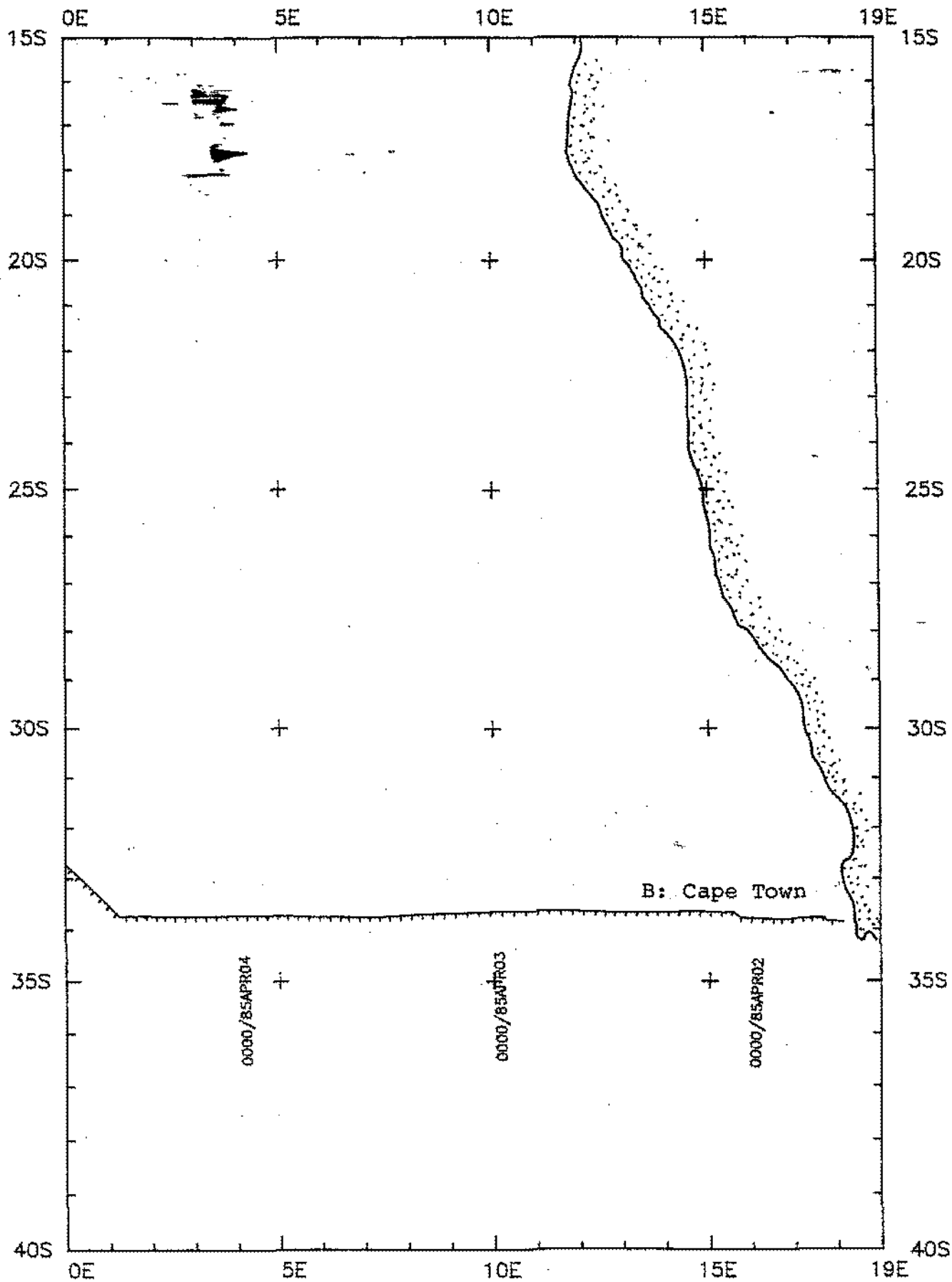
- 1) Cruise - 8309 miles
- 2) Bathymetry - 8253 miles
- 3) Magnetics - 8072 miles
- 4) Seismic Reflection - 1974 miles
- 5) Gravity - 8309 miles
- 6) Sea Beam - 8284 miles

SIO Sea Beam Data

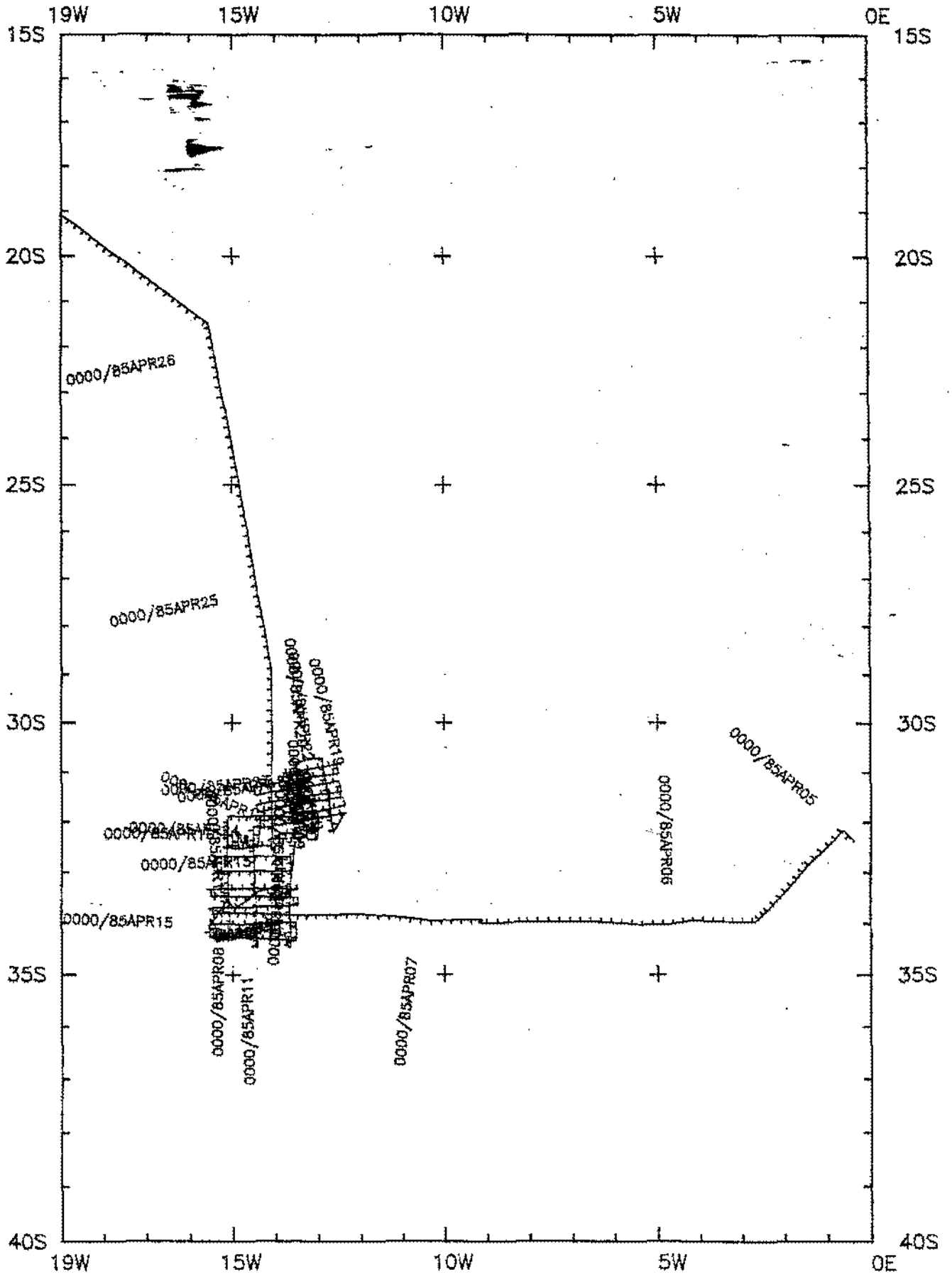
The following forms are available, subject to approval of the cruise leg chief scientist.

- 1) Archive contour 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).

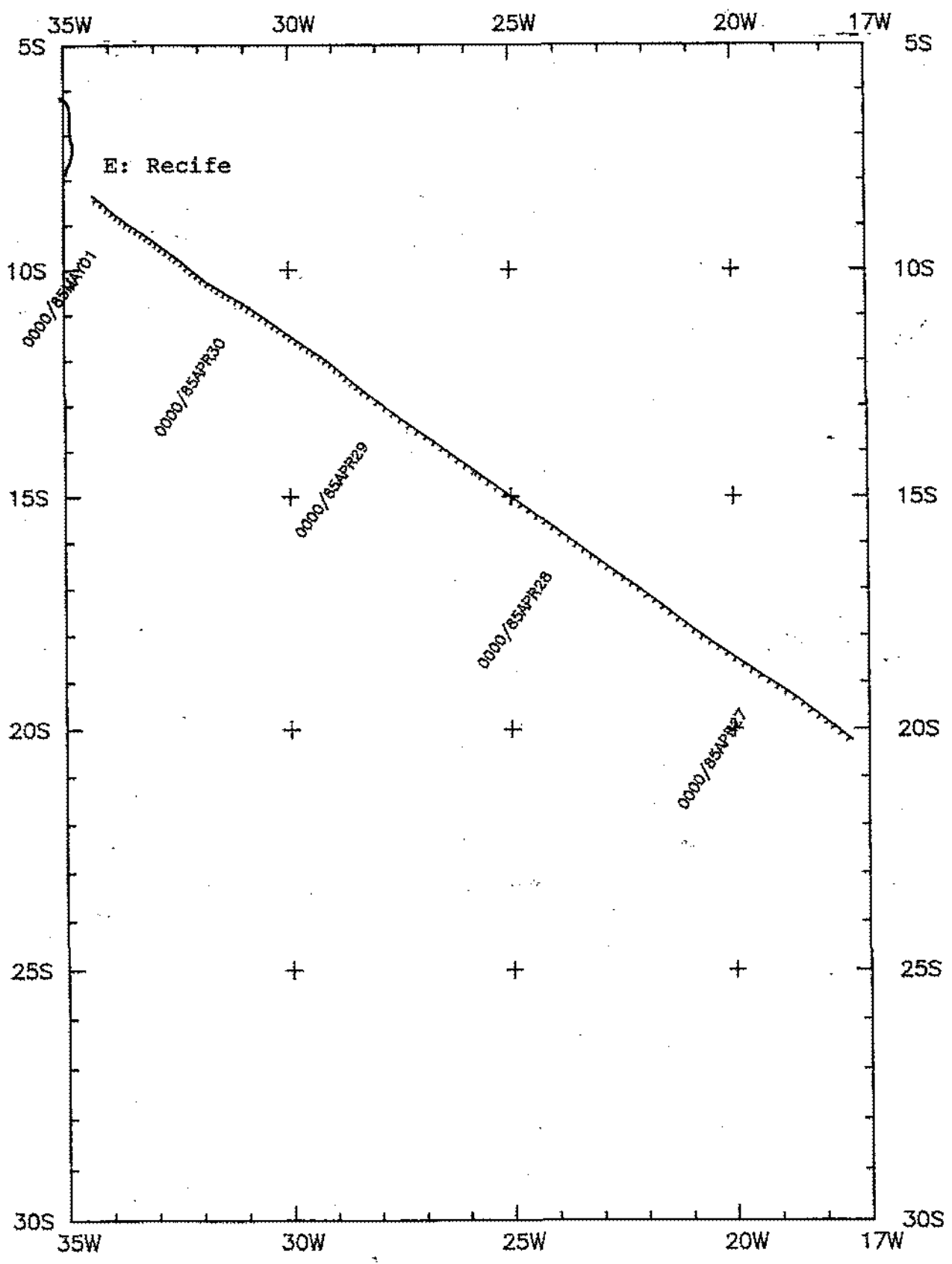
S. M. Smith - June 1985



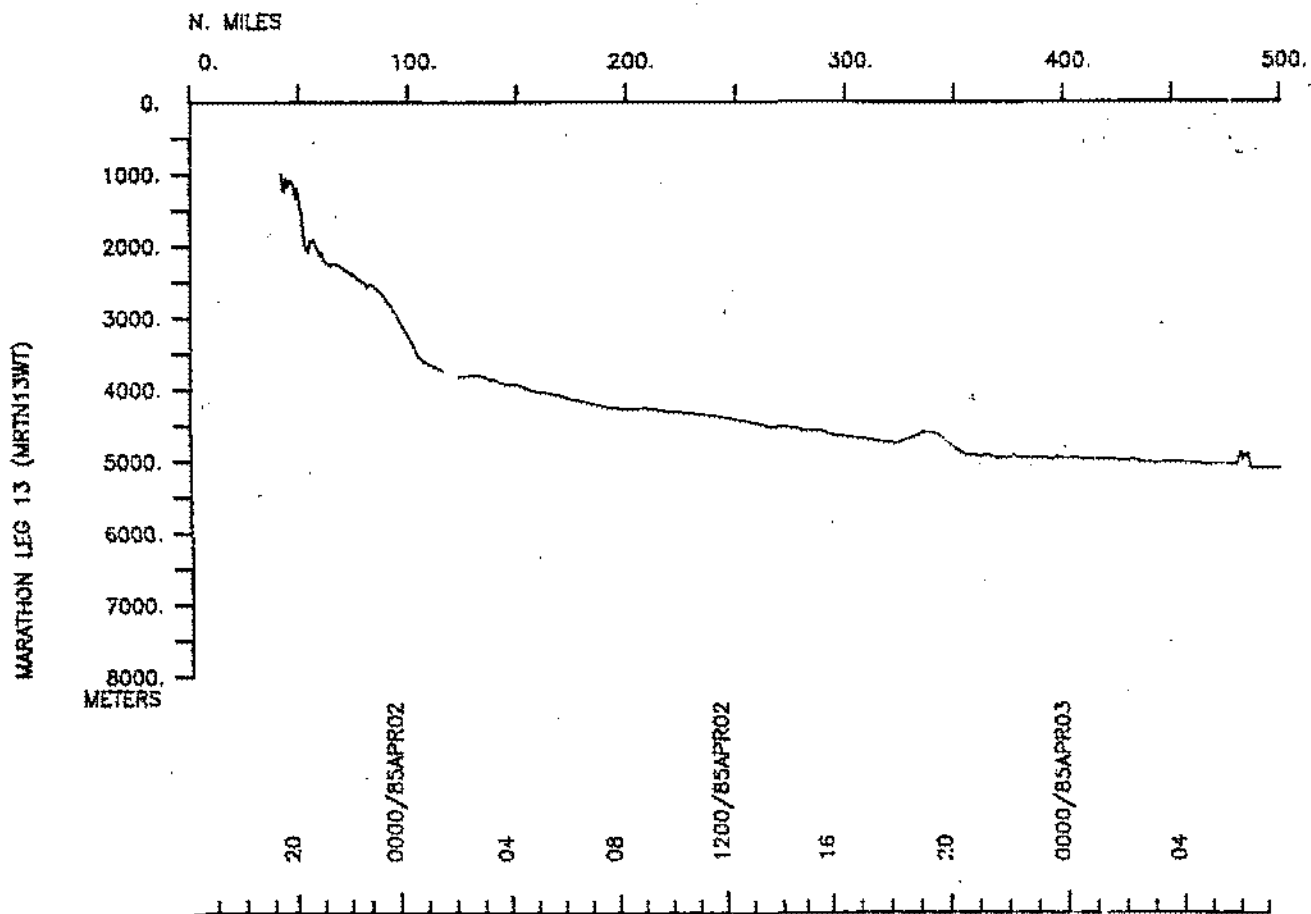
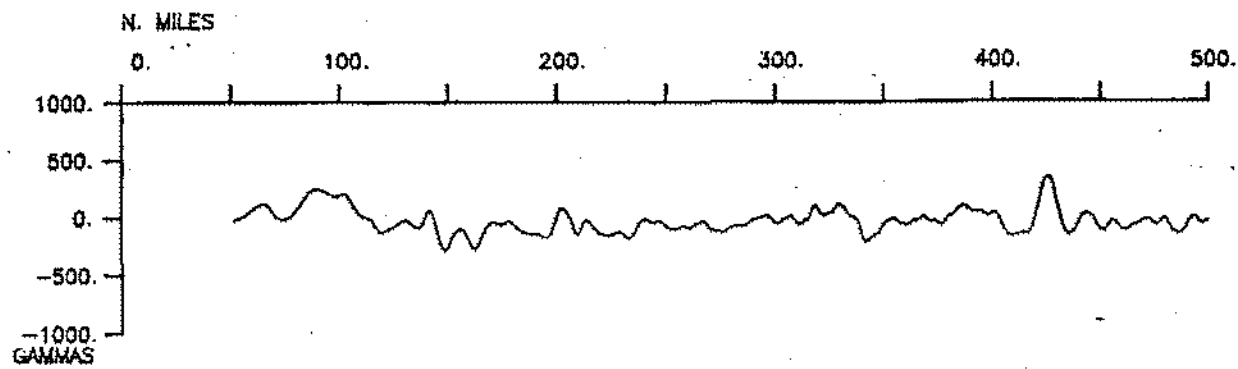
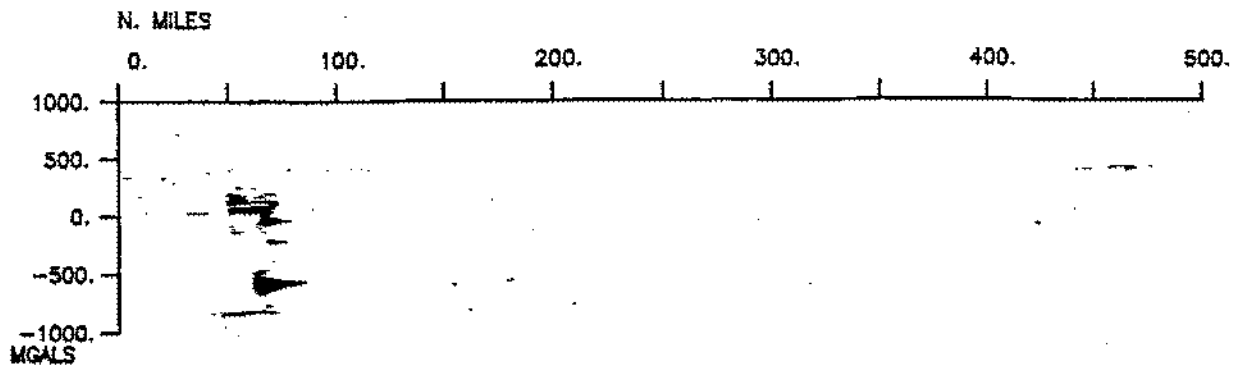
MARATHON LEG 13 Mercator at 0.312 in/deg long (Plot 1 of 3)



MARATHON LEG 13 Mercator at 0.312 in/deg long (Plot 2 of 3)

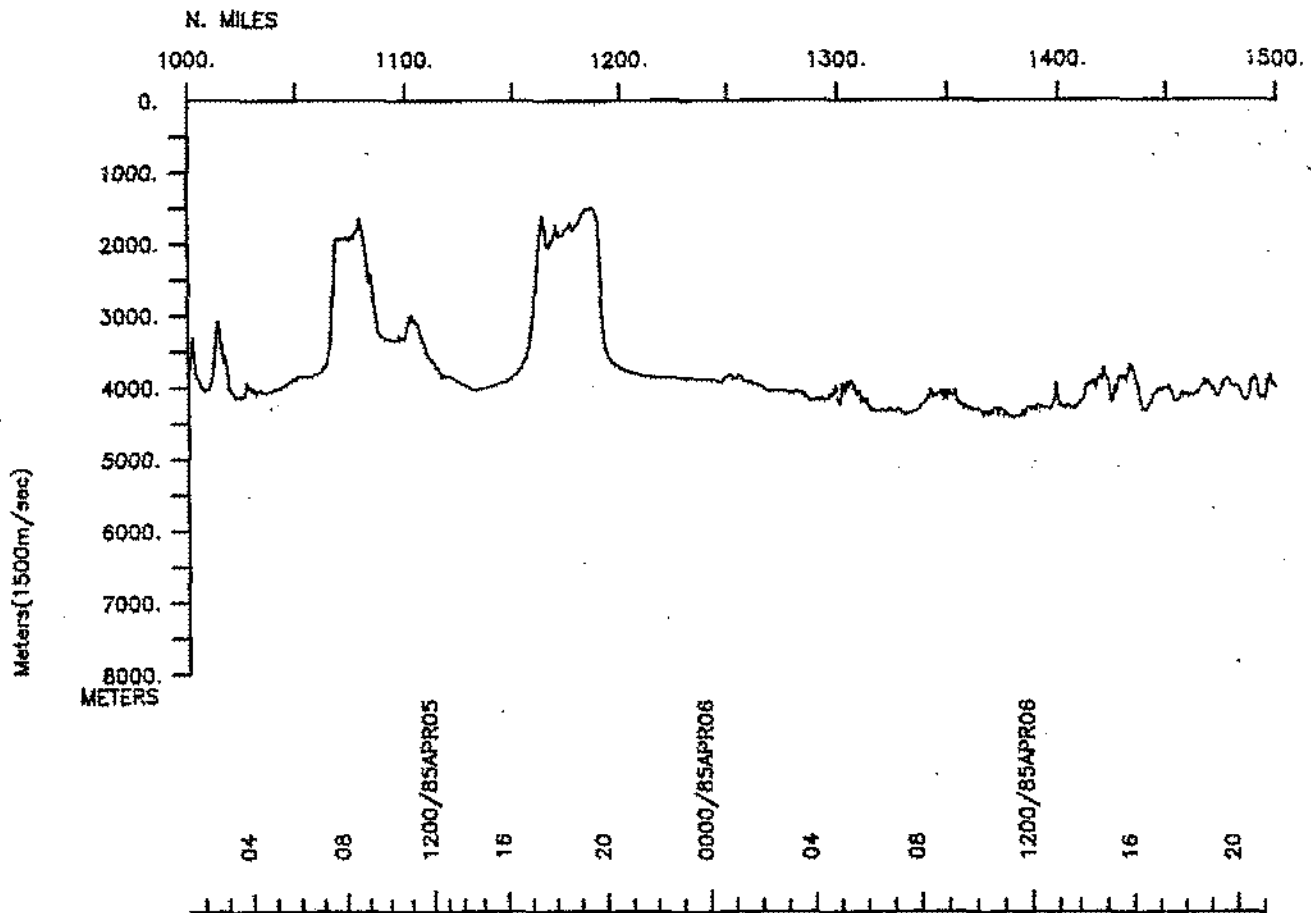
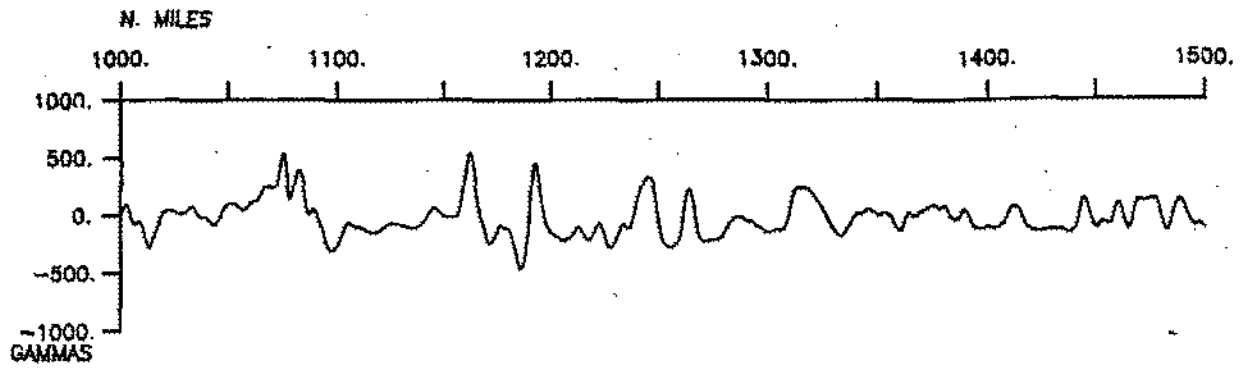
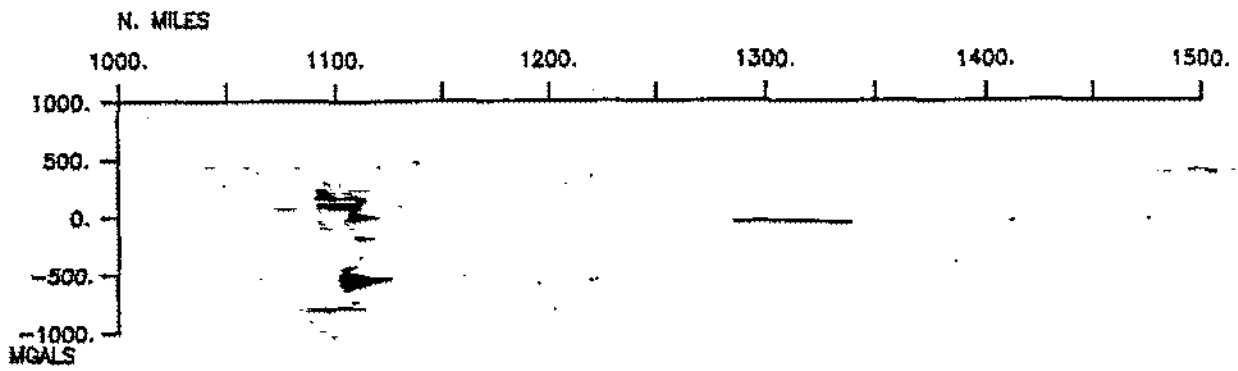


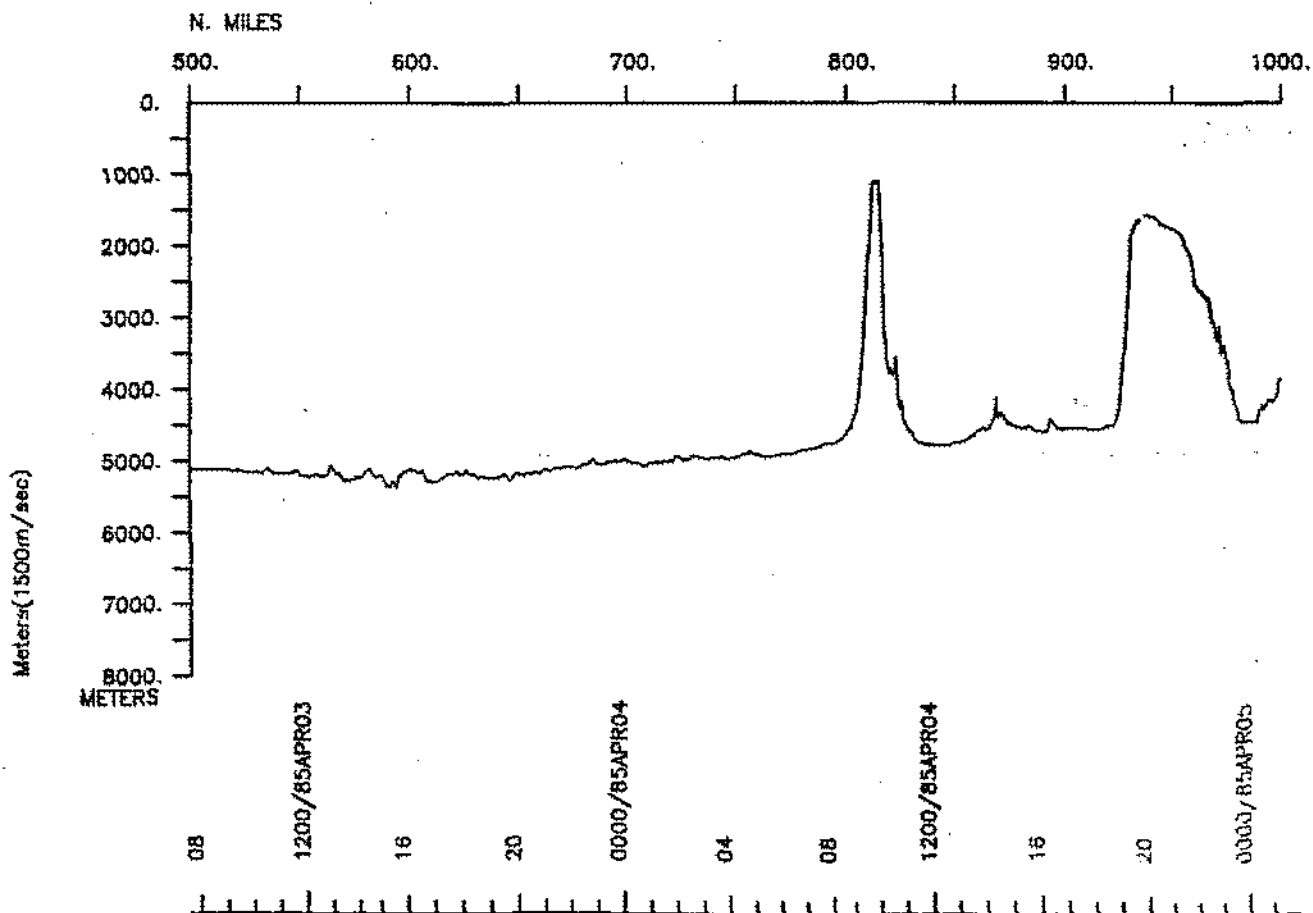
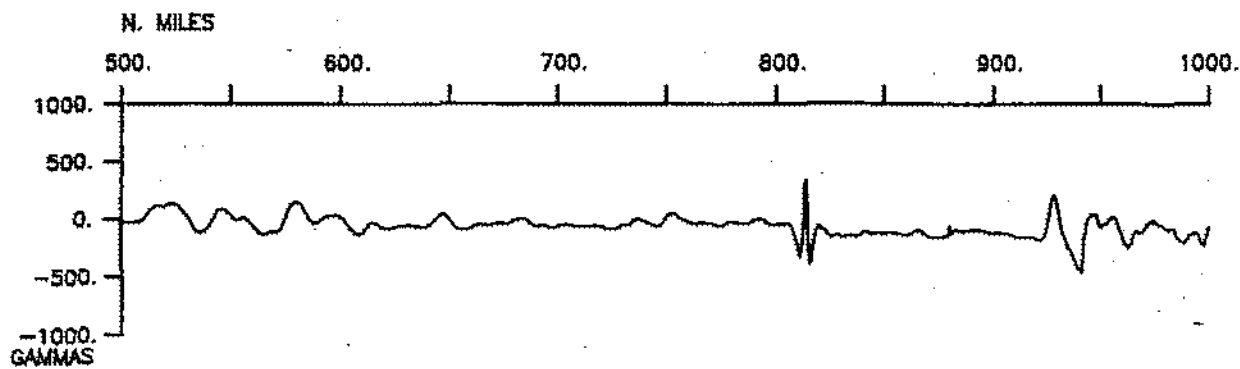
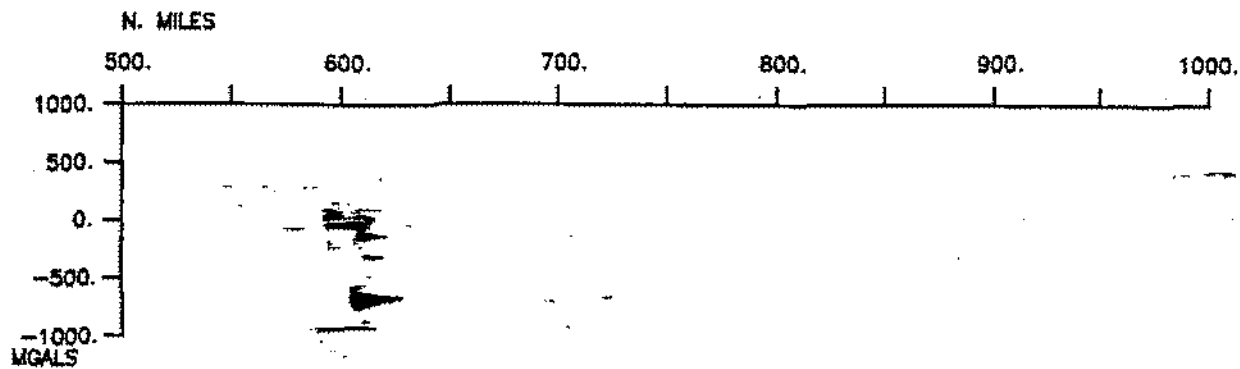
MARATHON LEG 13 Mercator at 0.312 in/deg long (Plot 3 of 3)

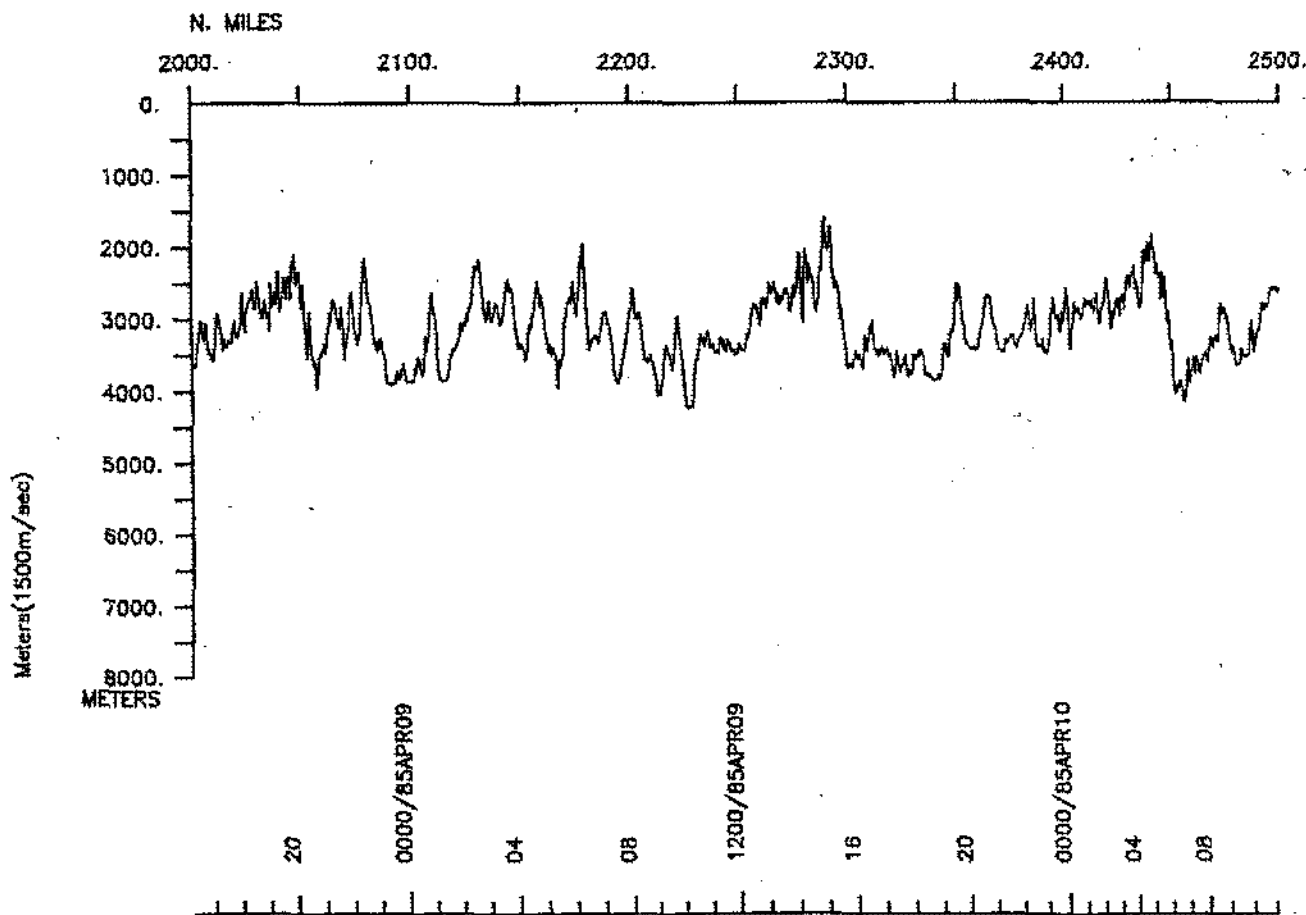
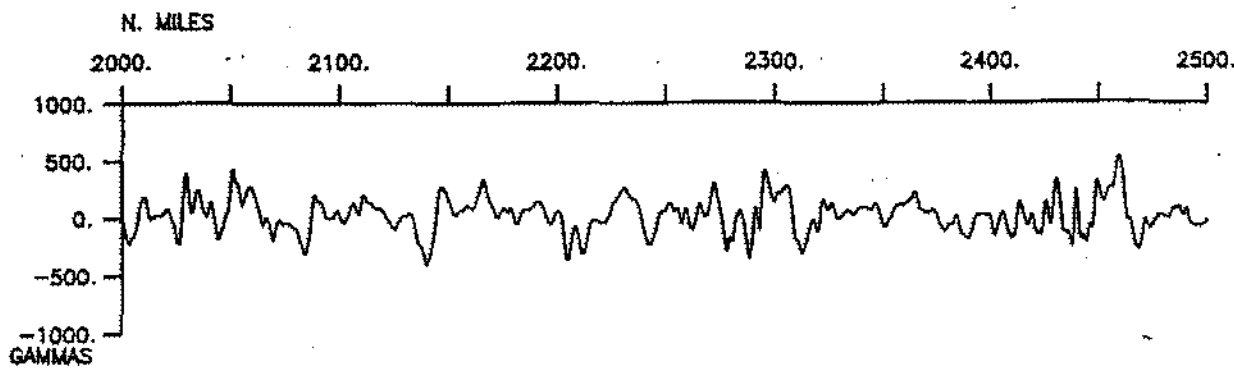
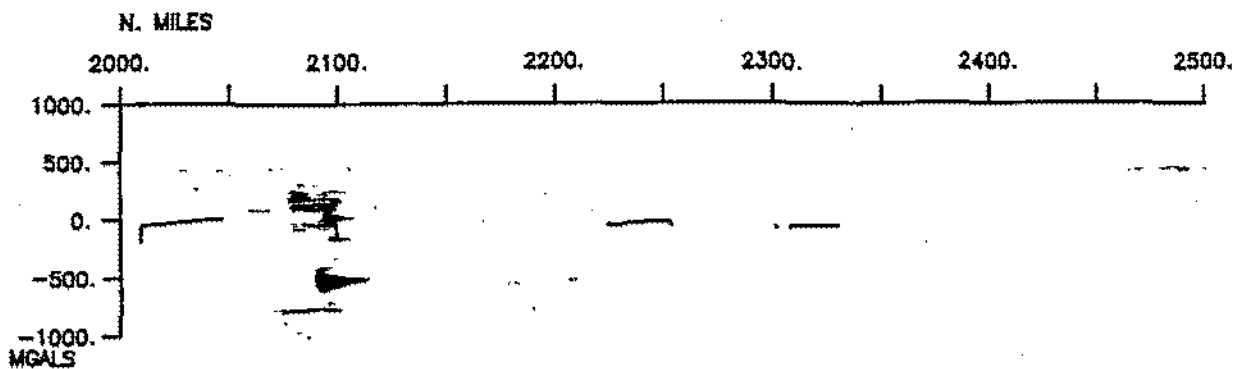


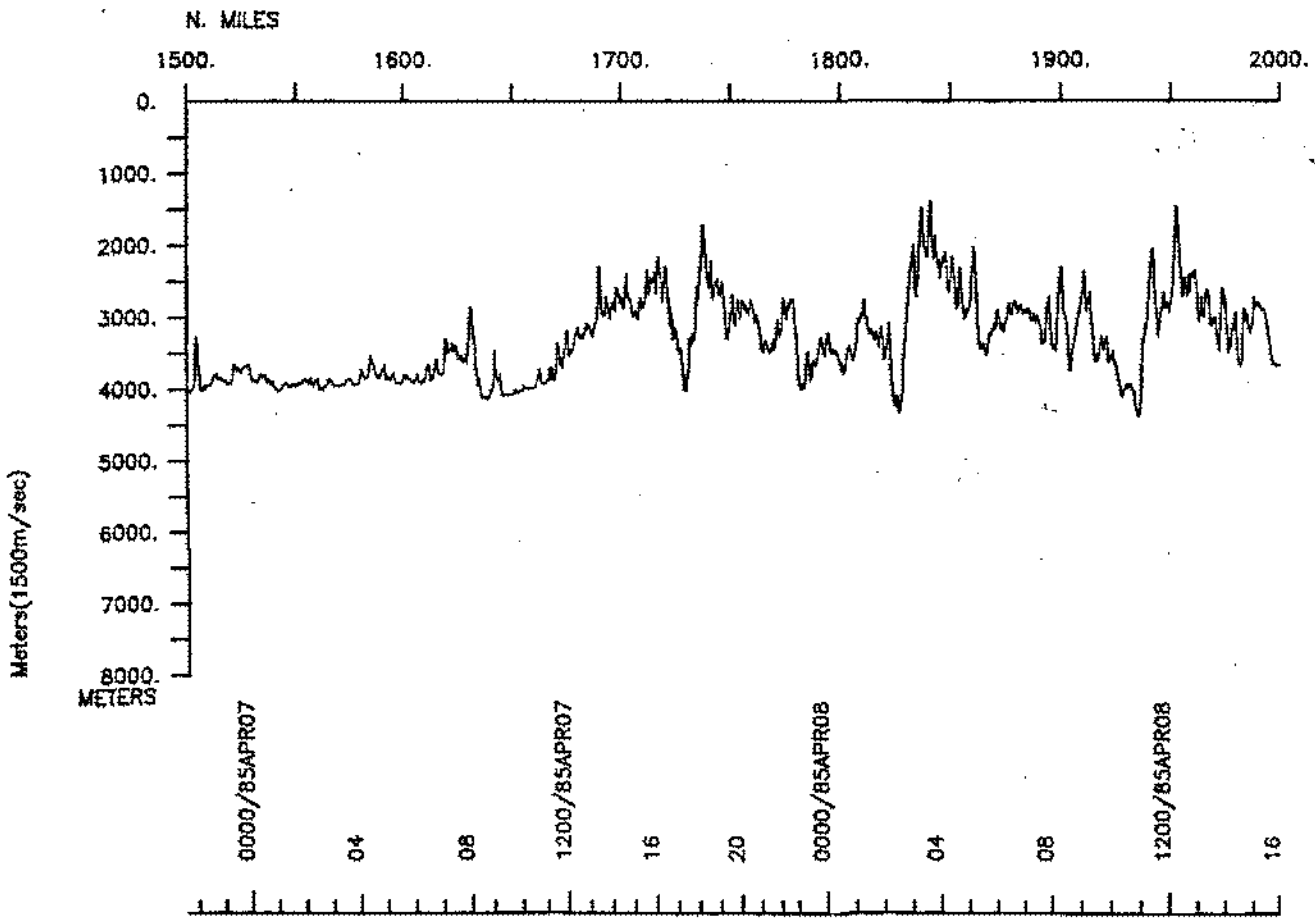
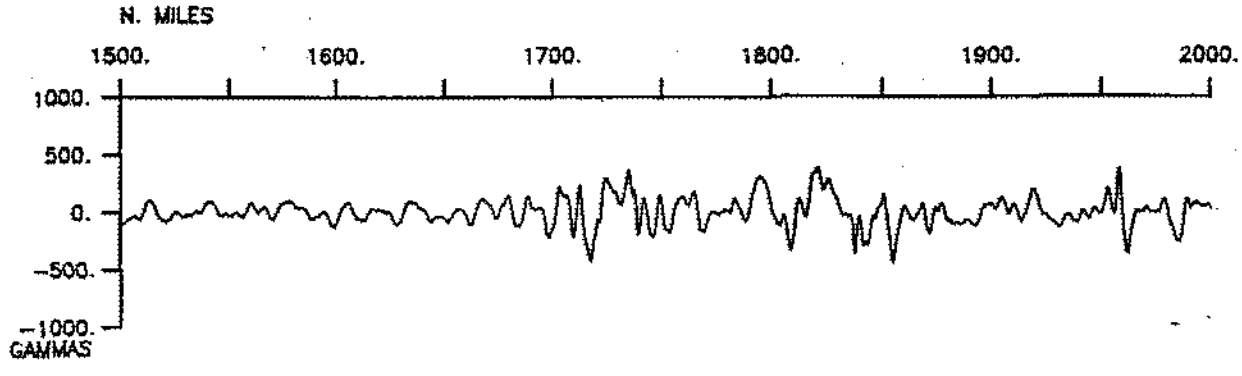
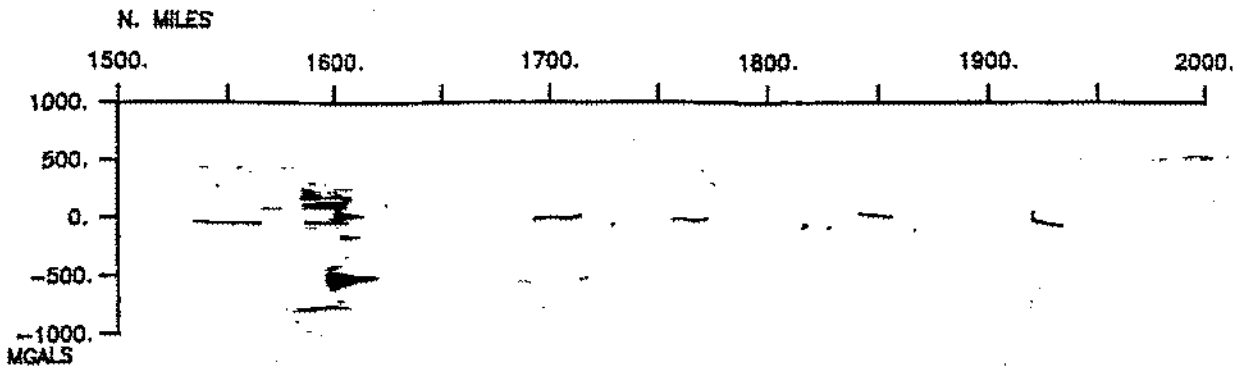
SEISMICS

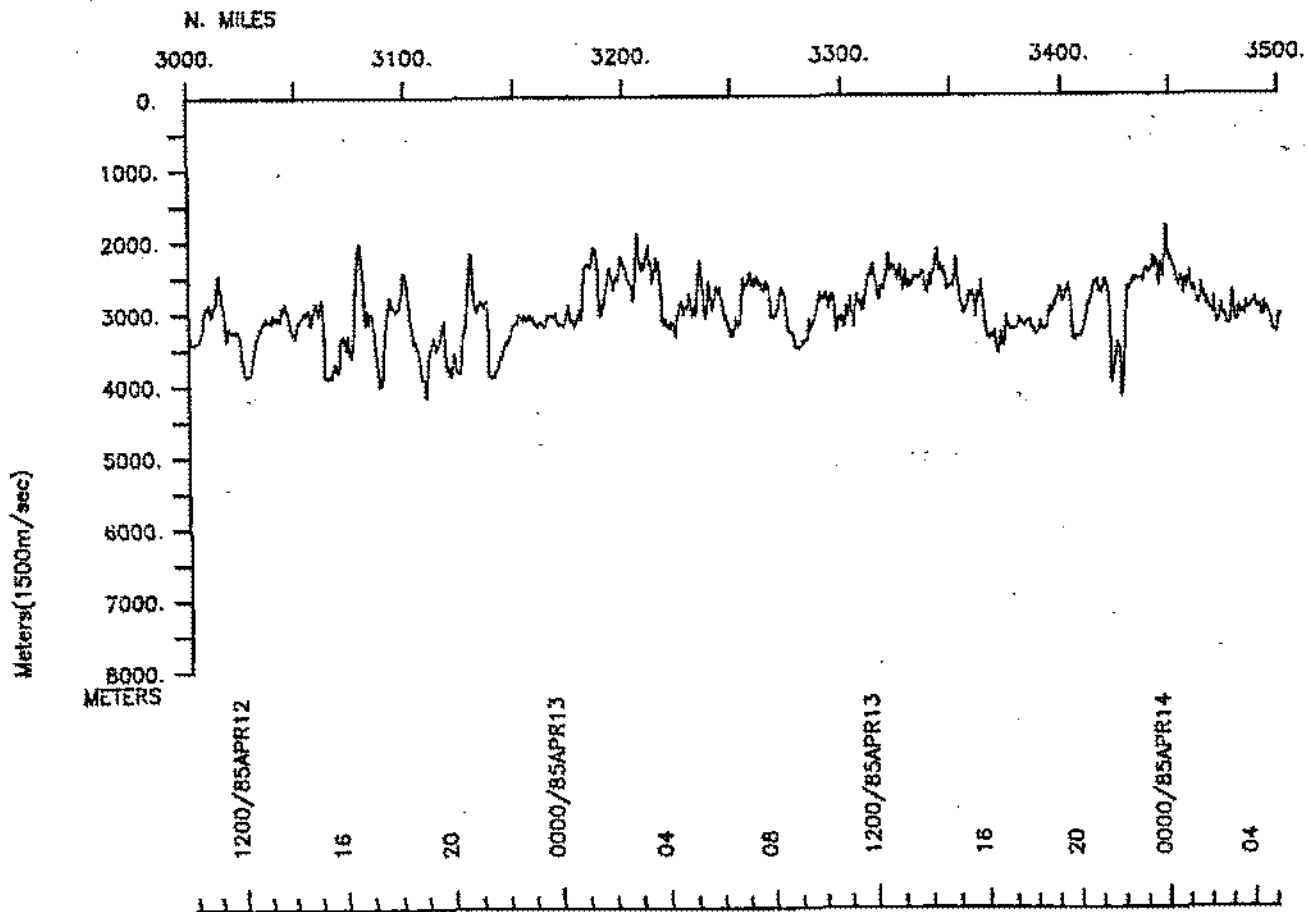
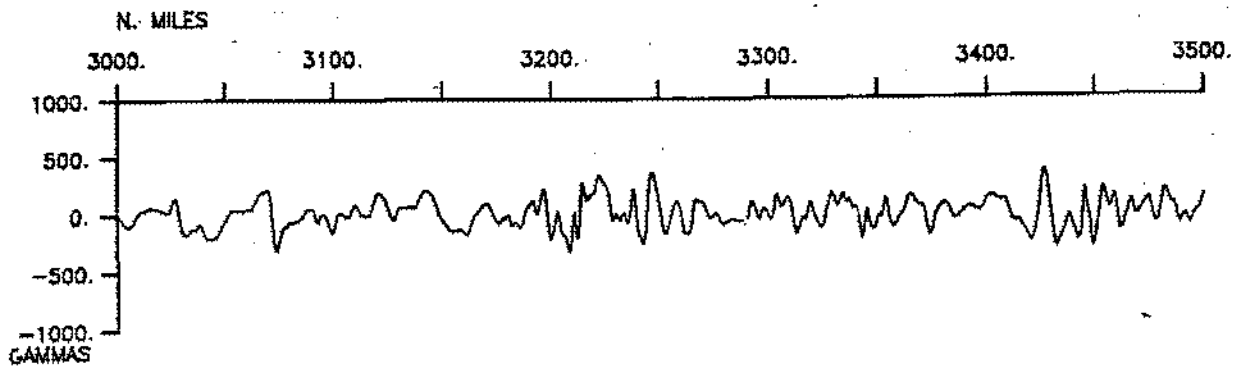
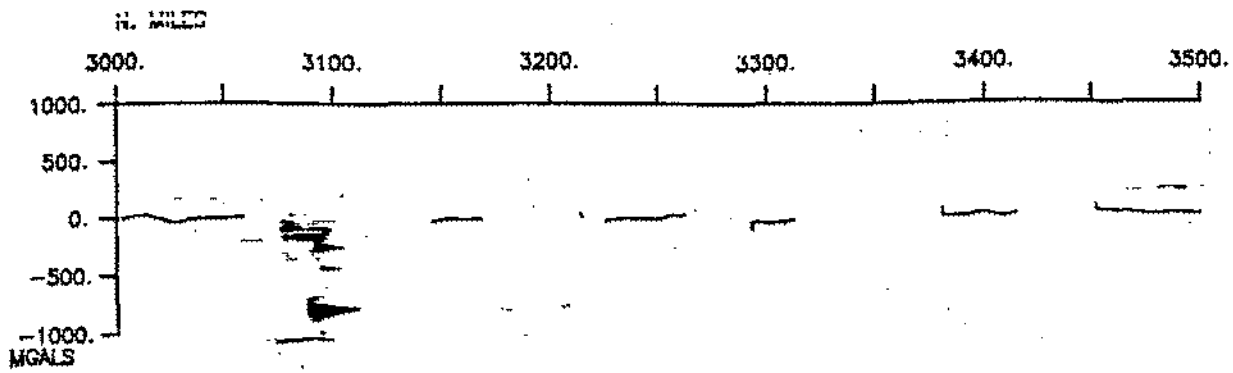
SEABEAM

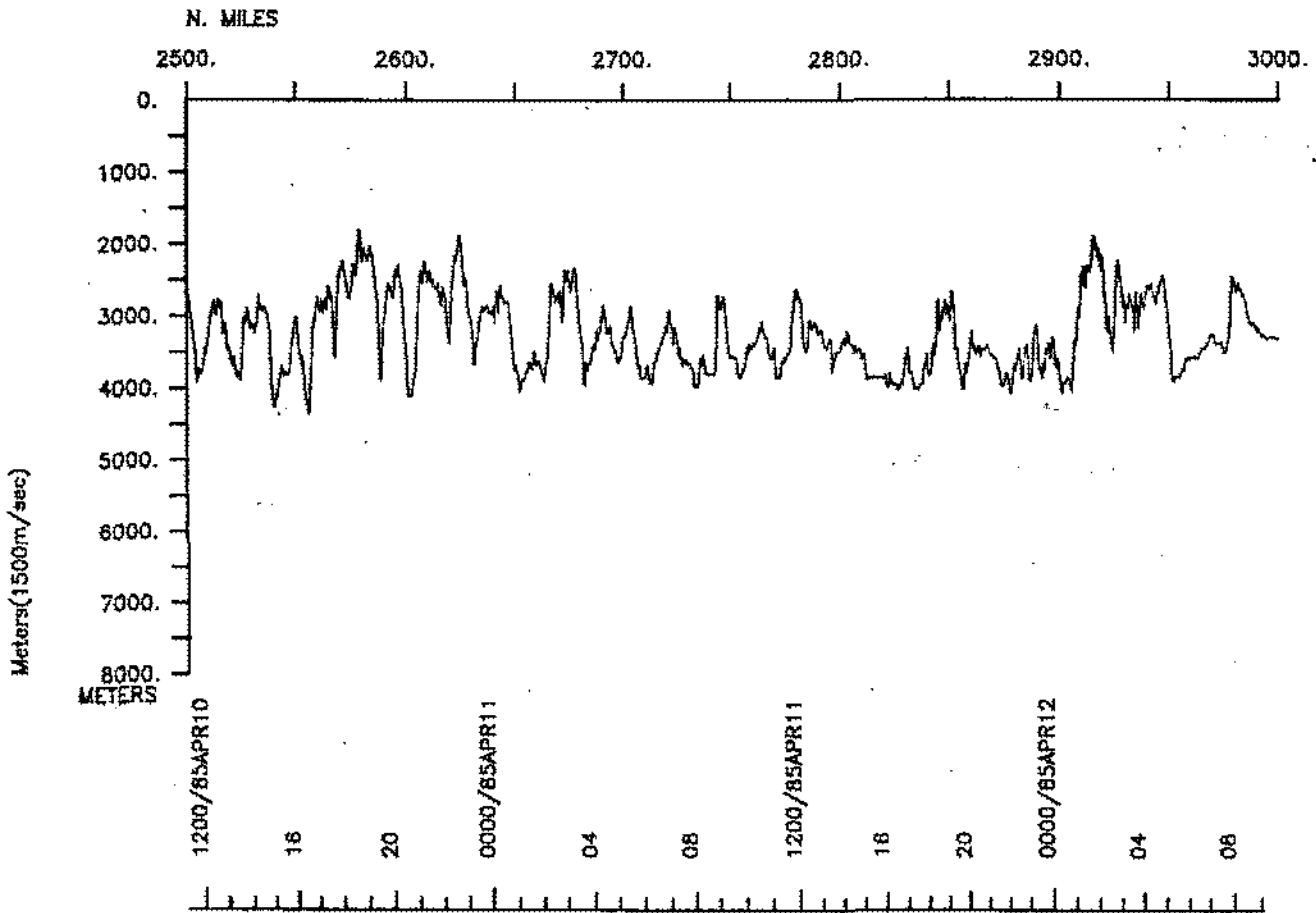
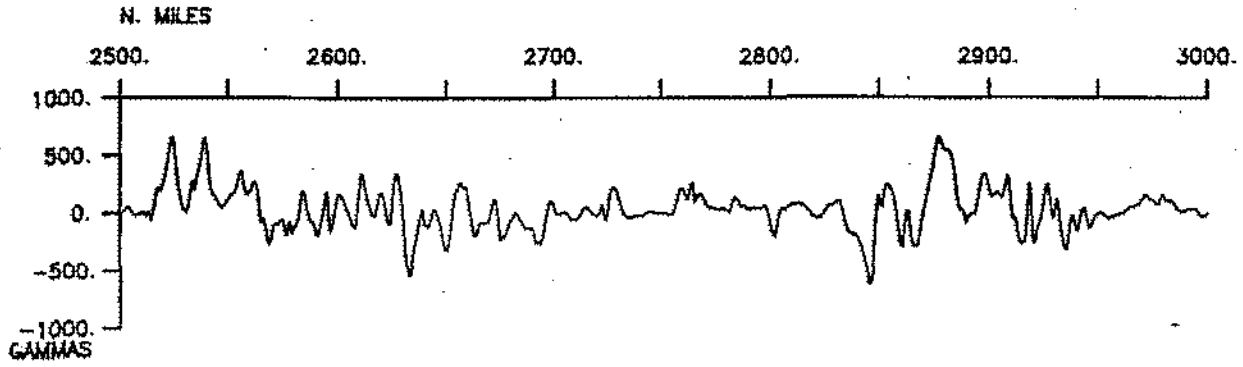
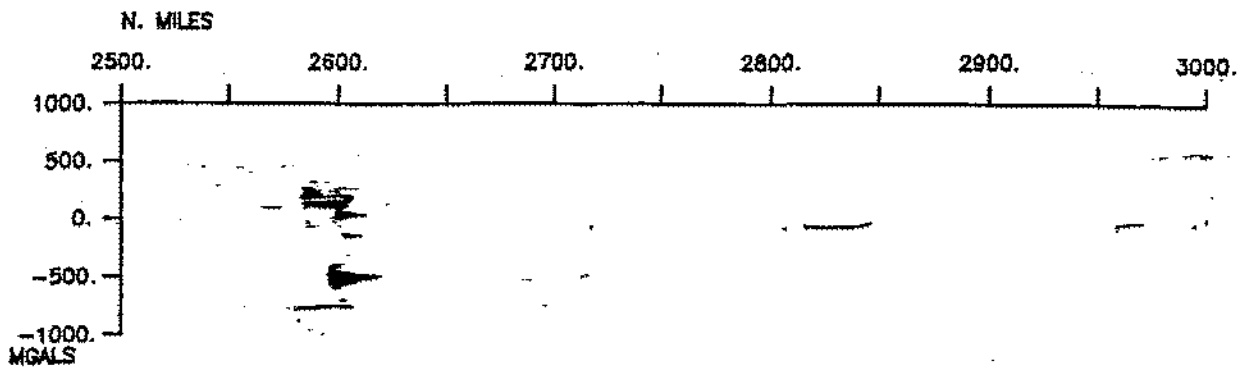


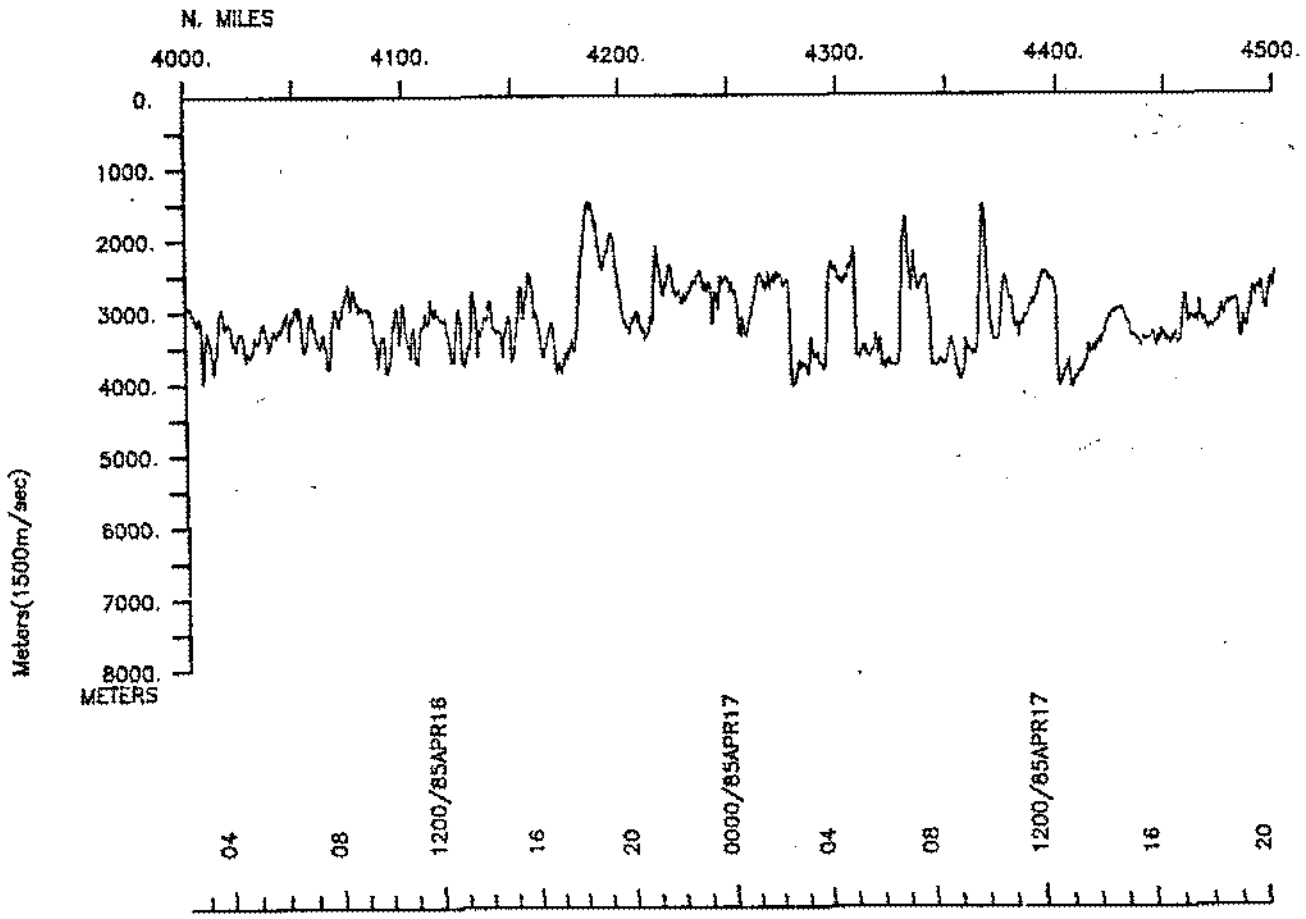
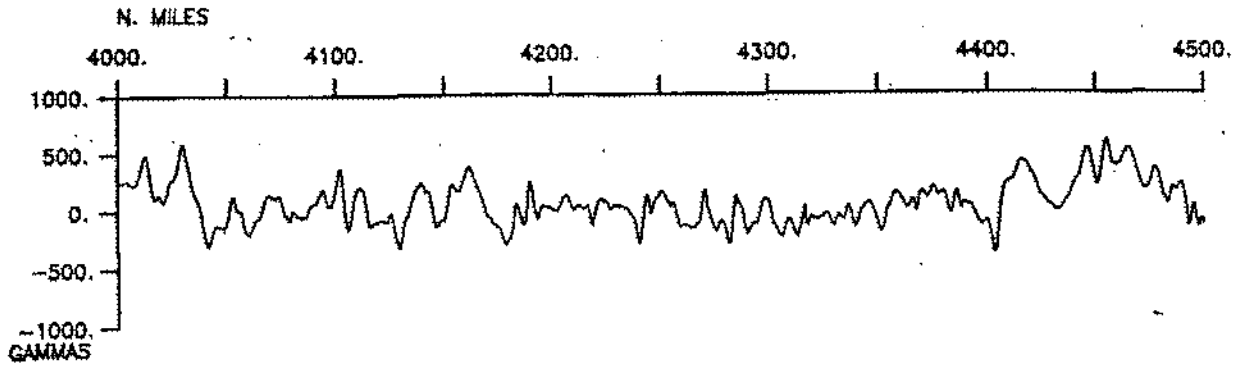
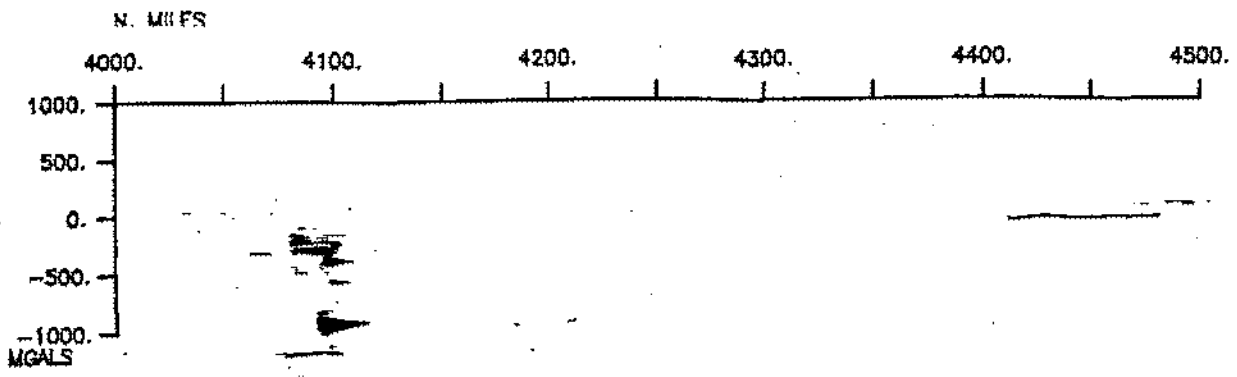


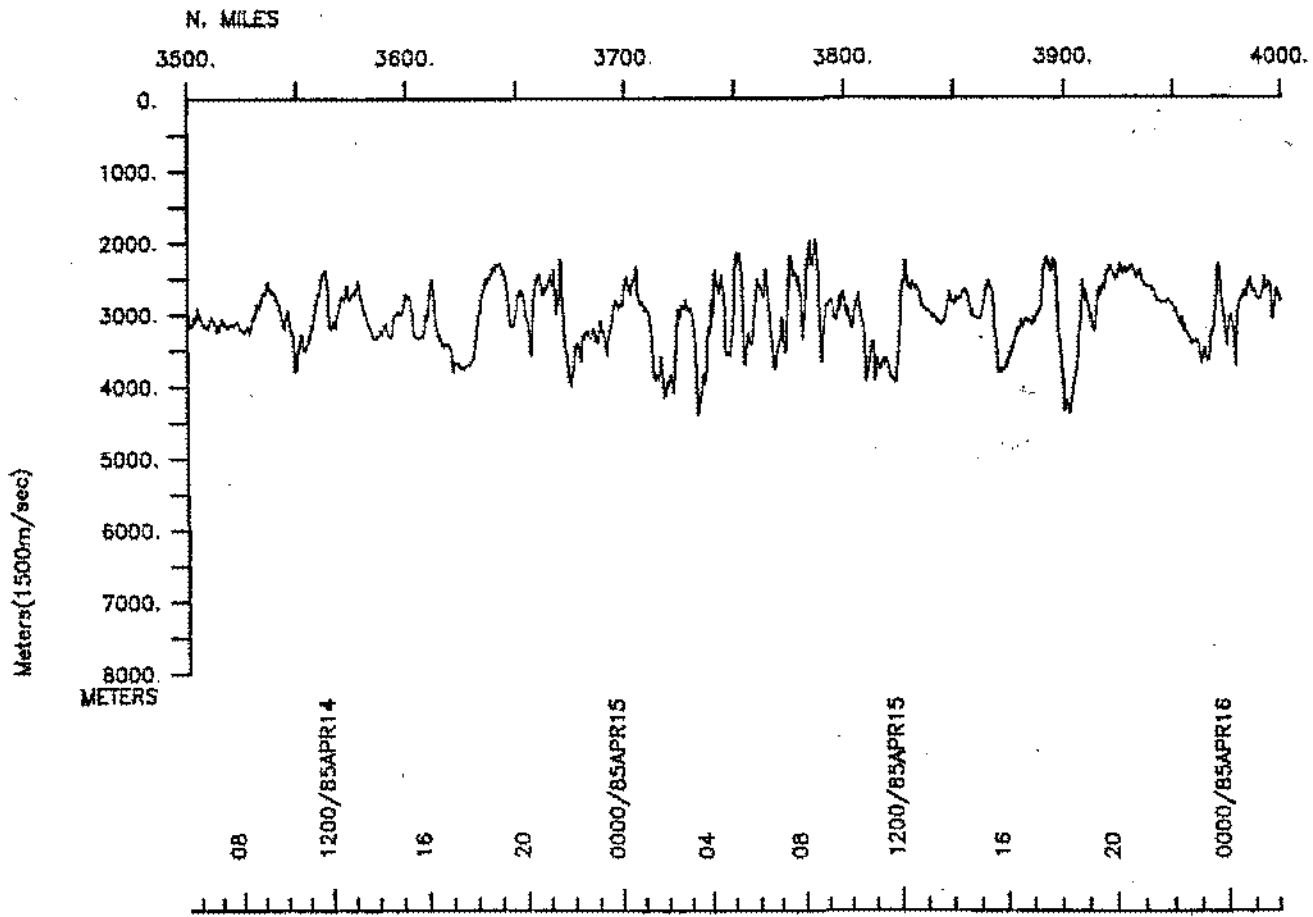
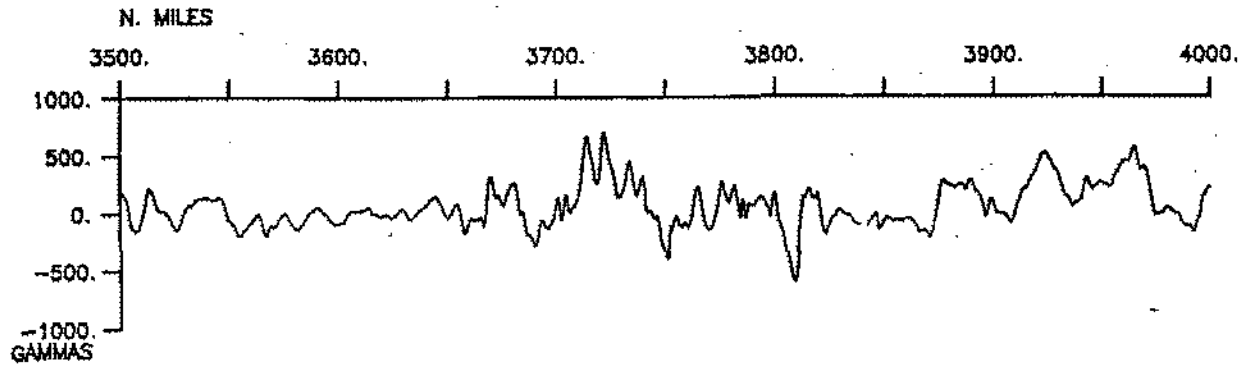
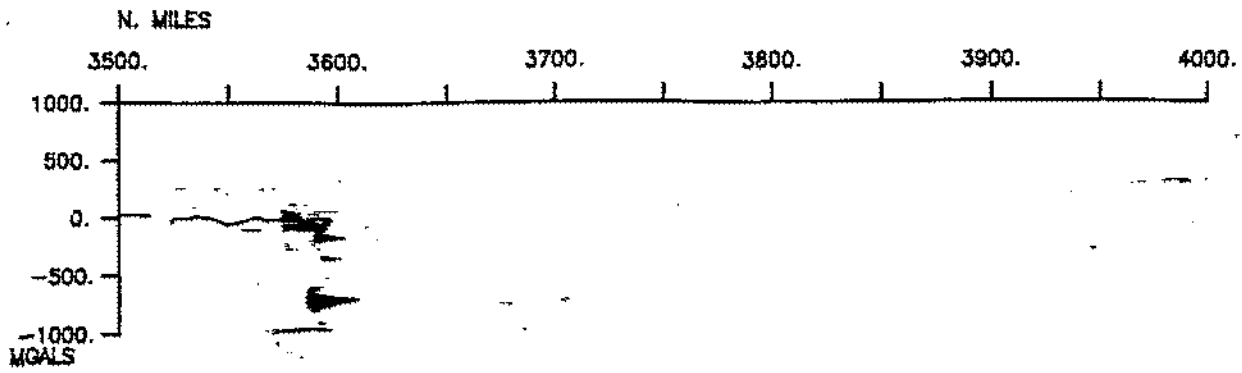


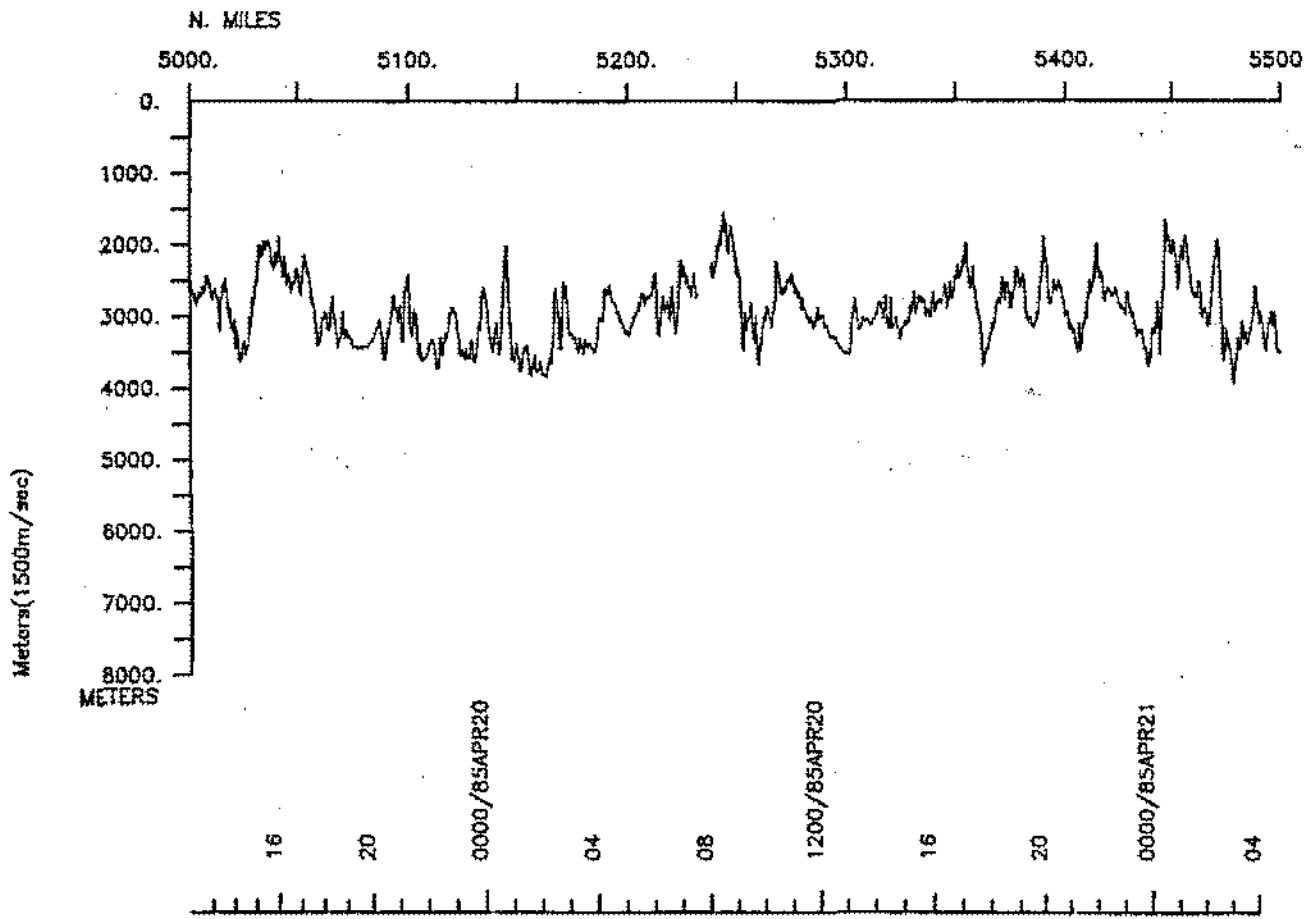
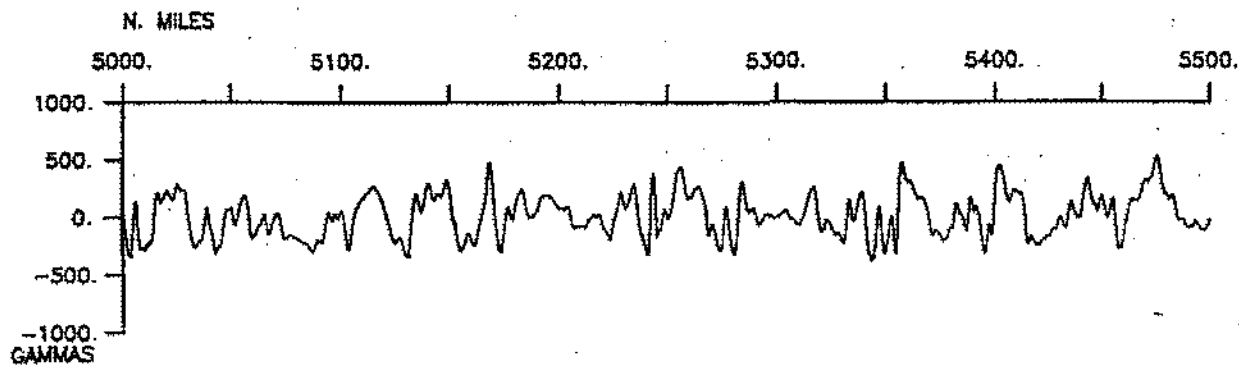
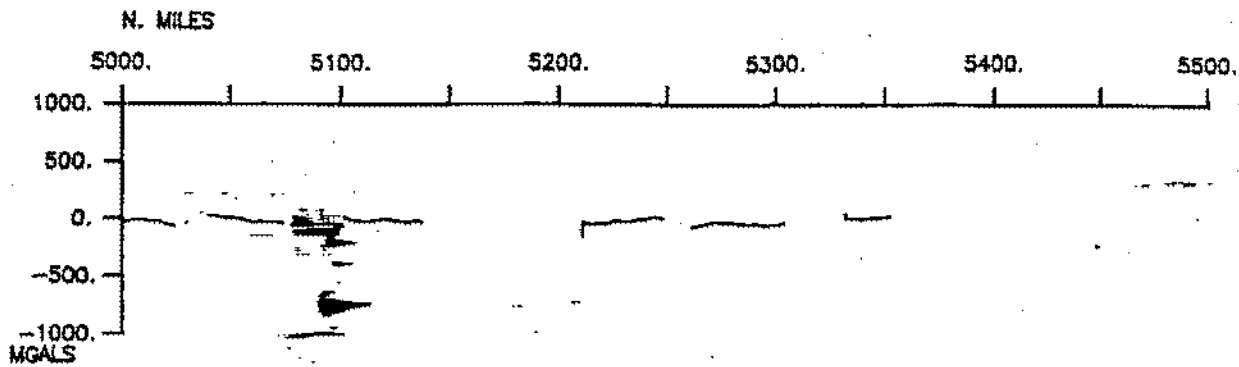


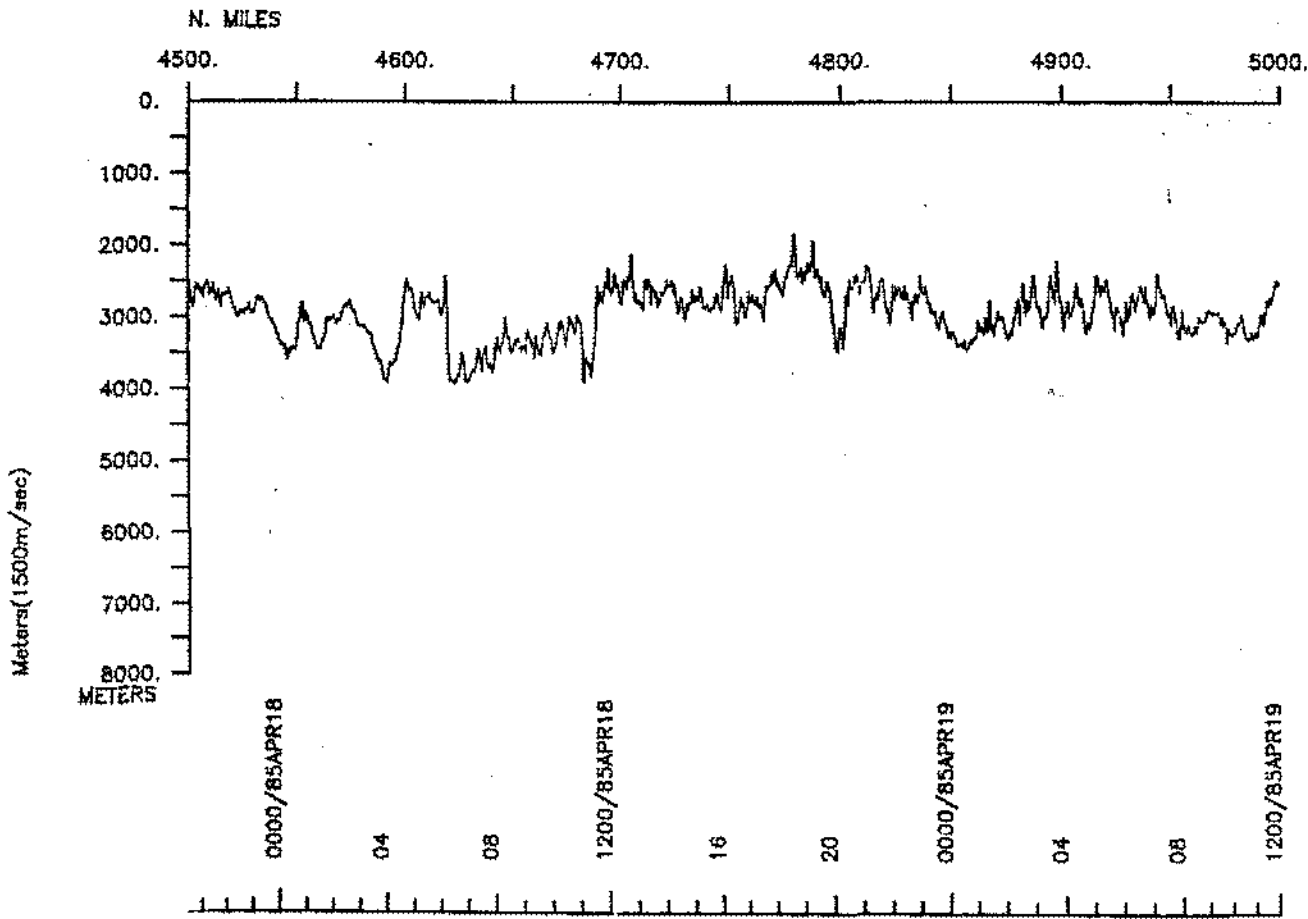
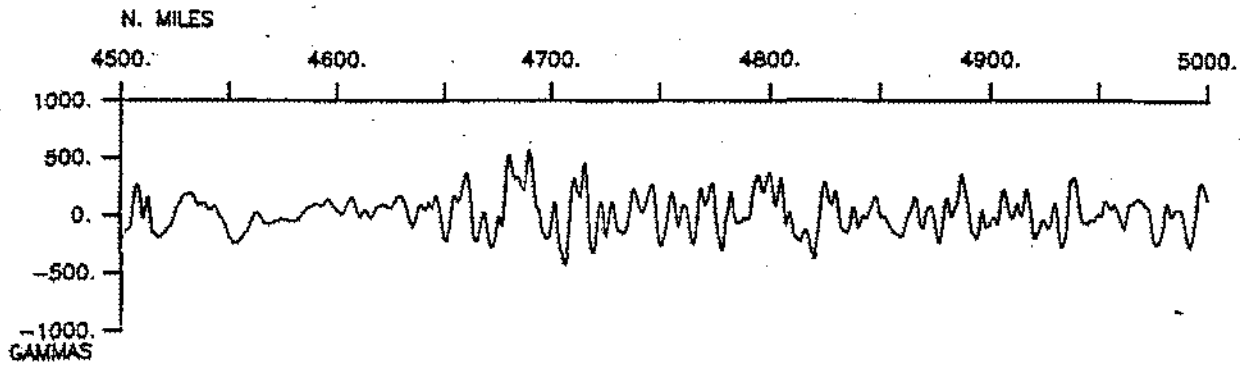
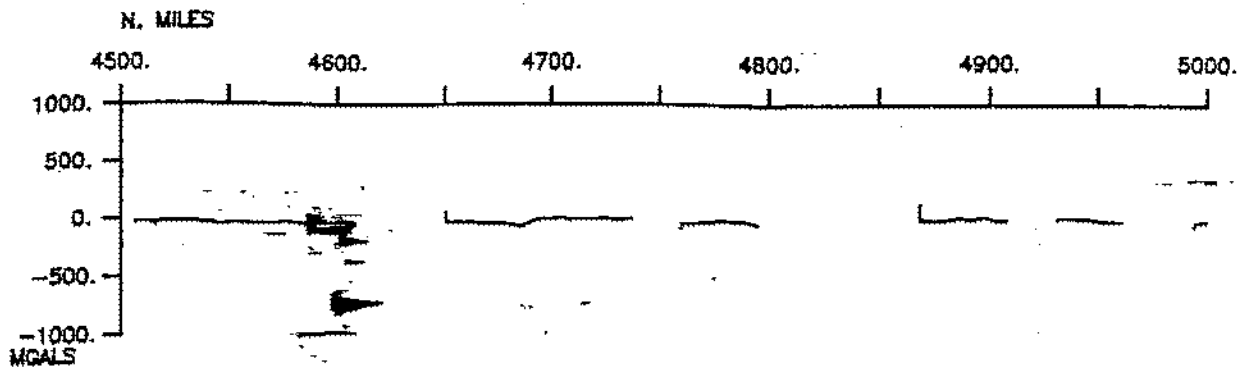


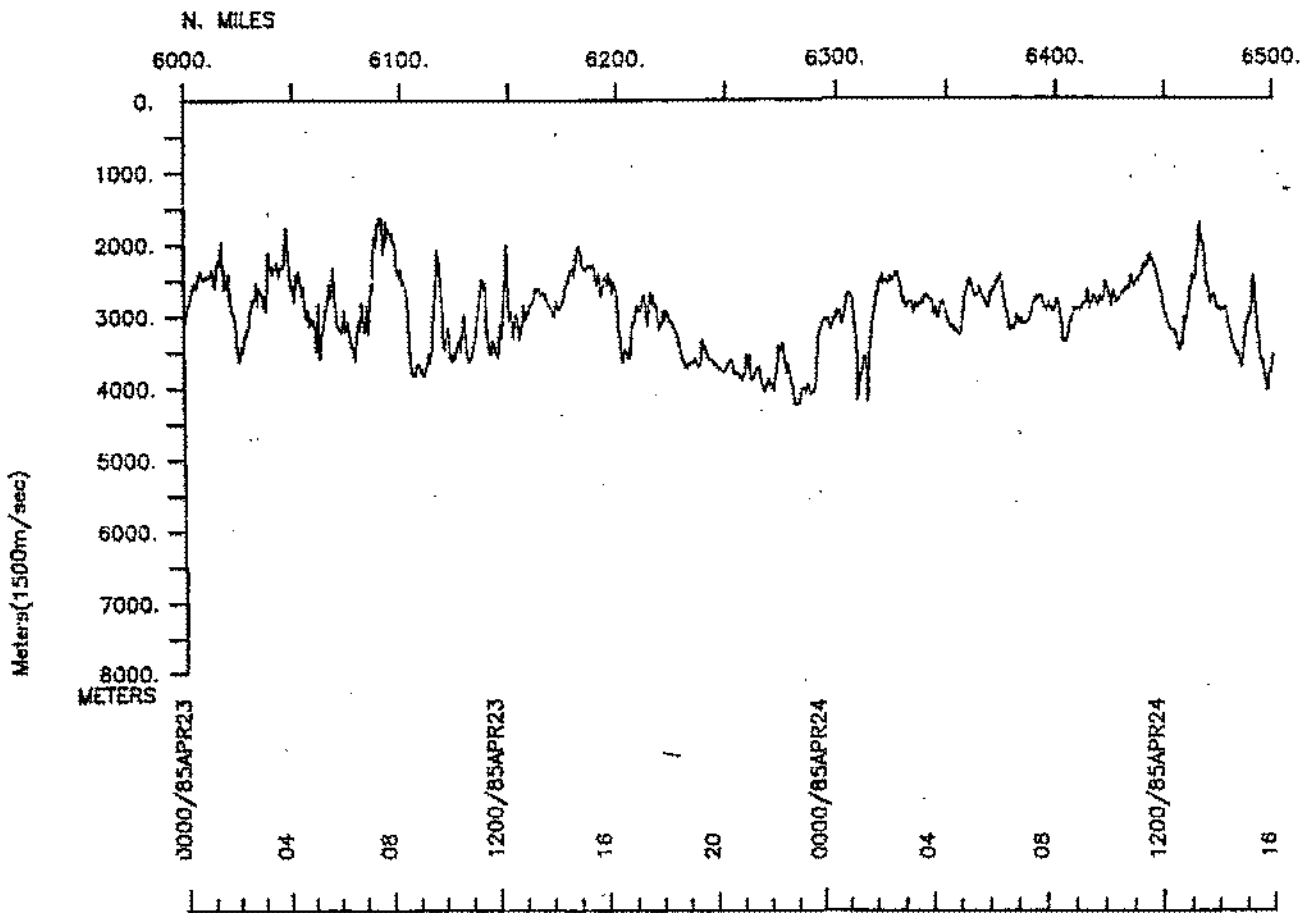
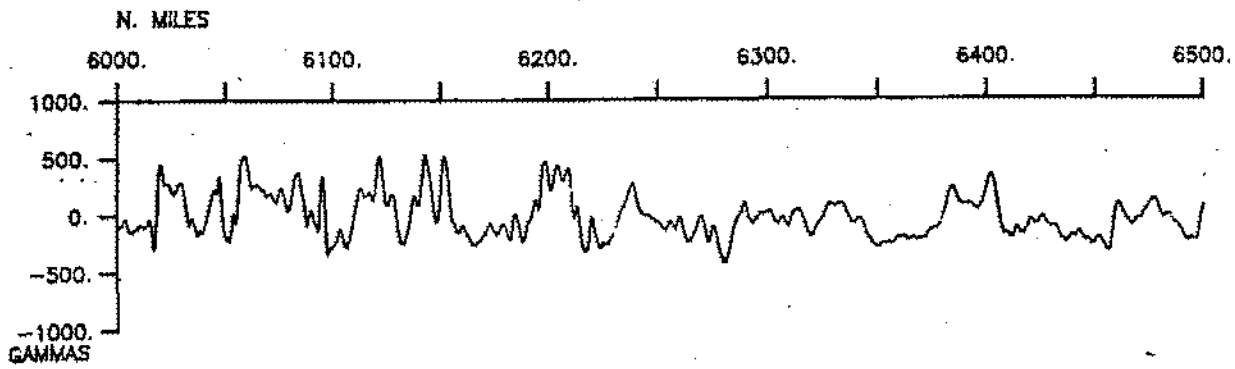
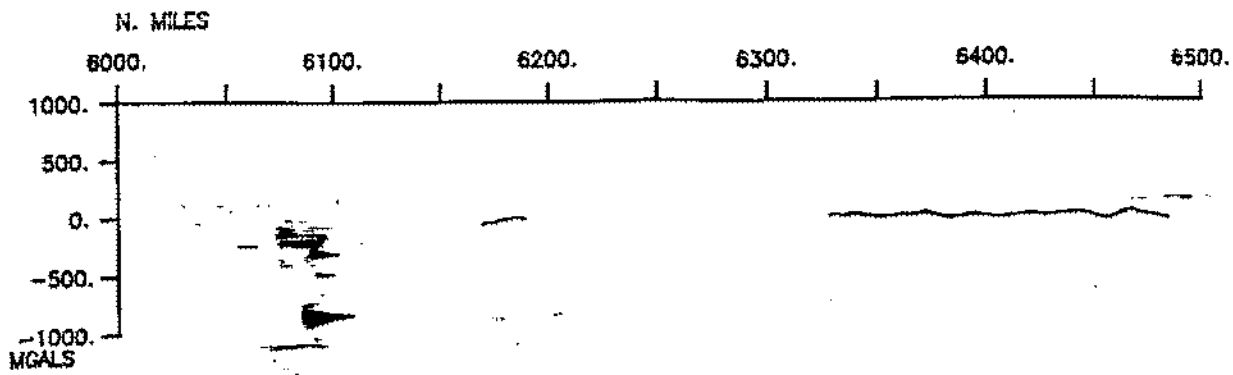


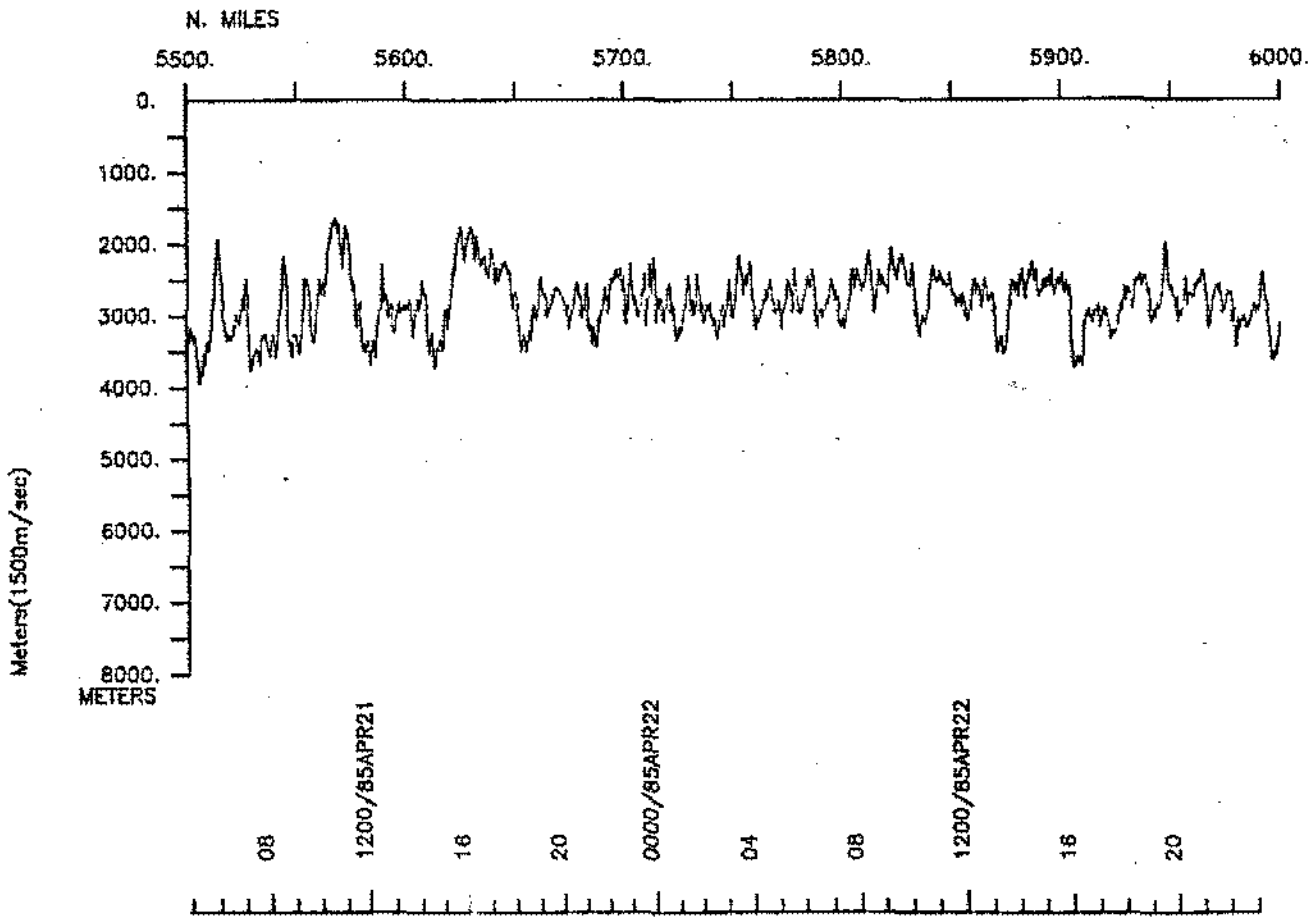
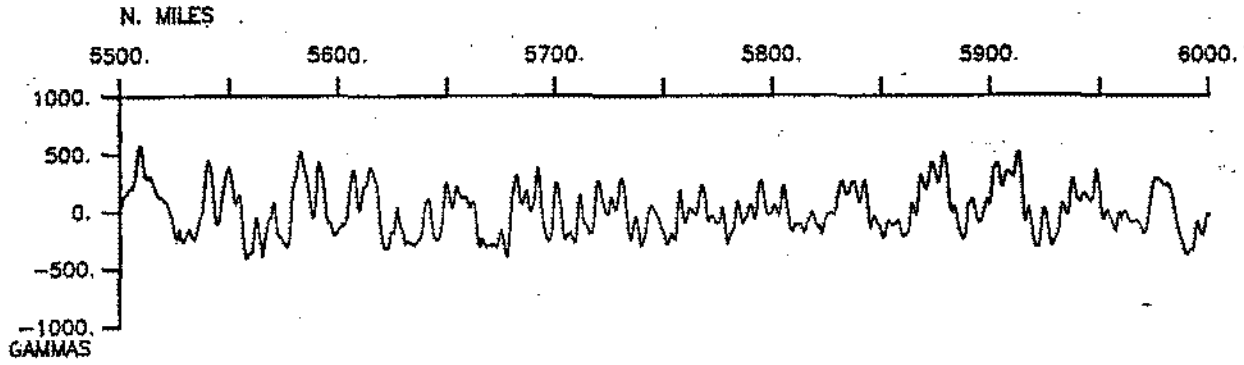
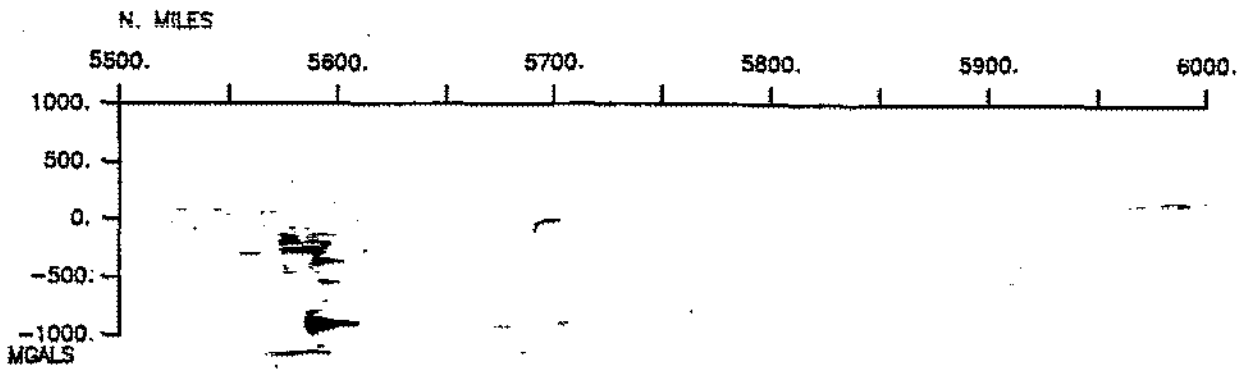


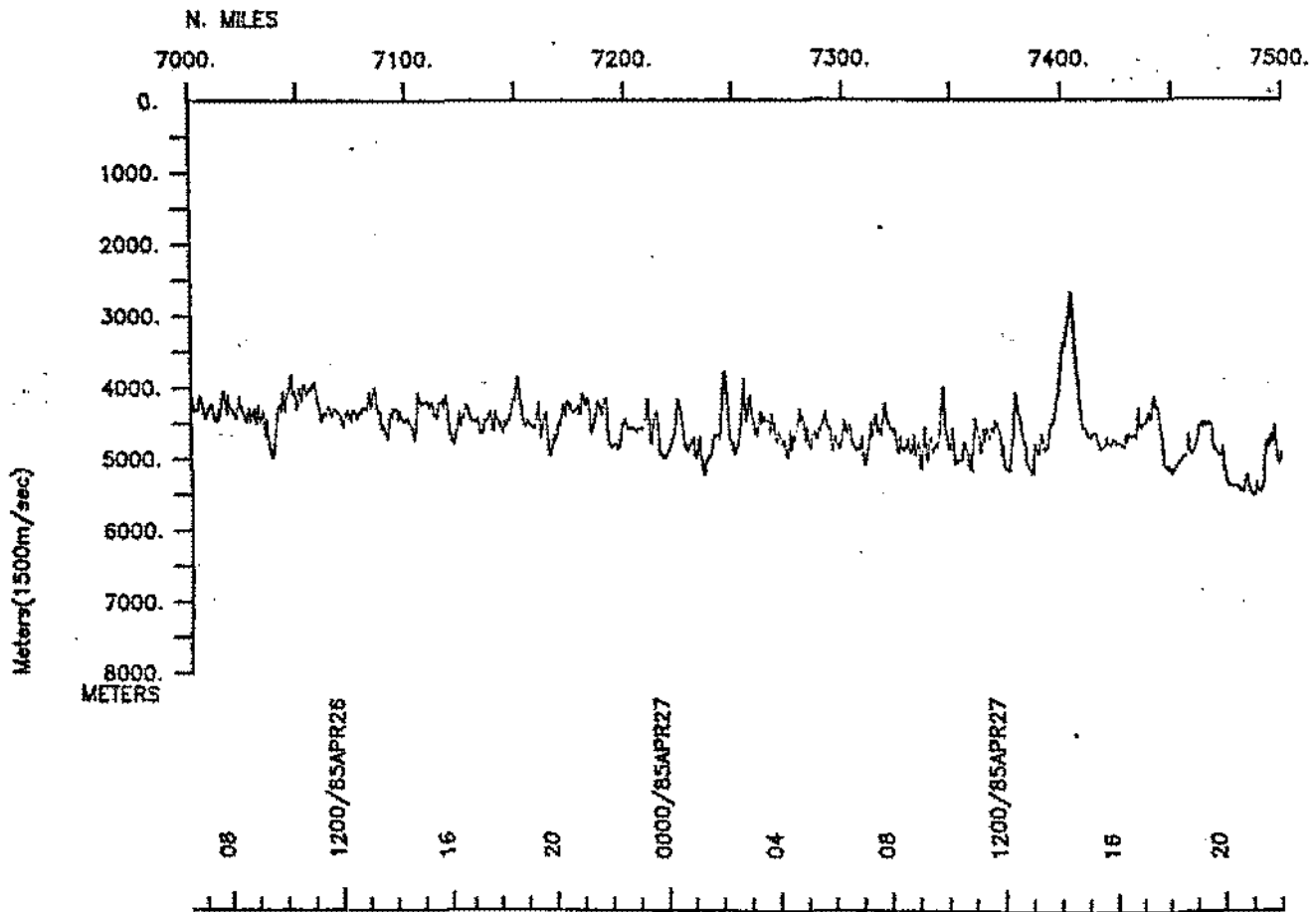
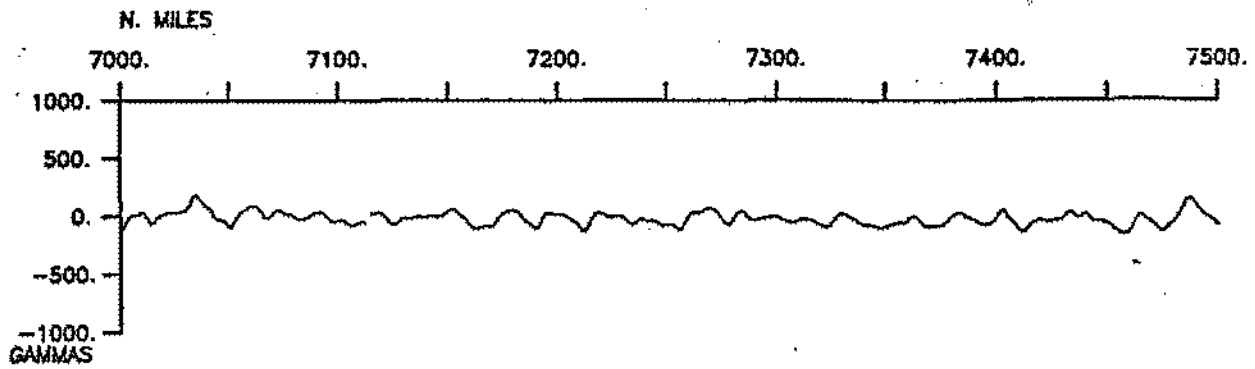
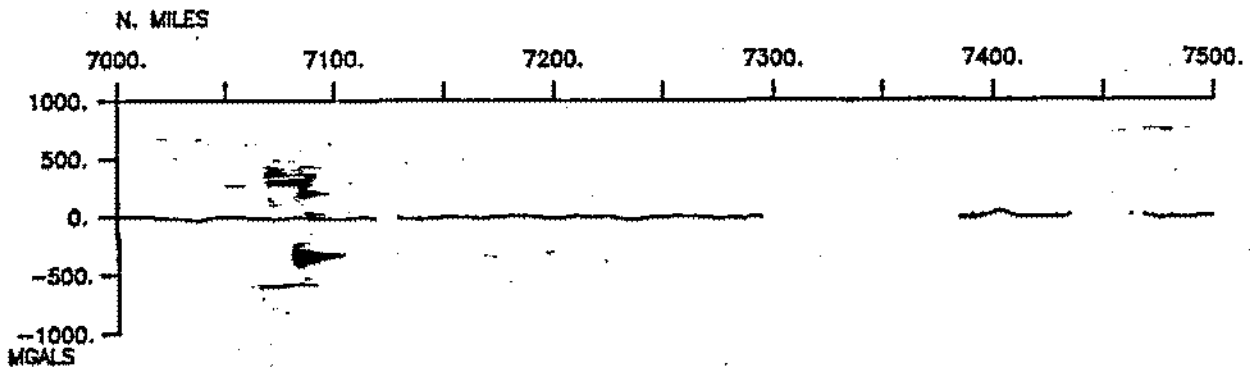


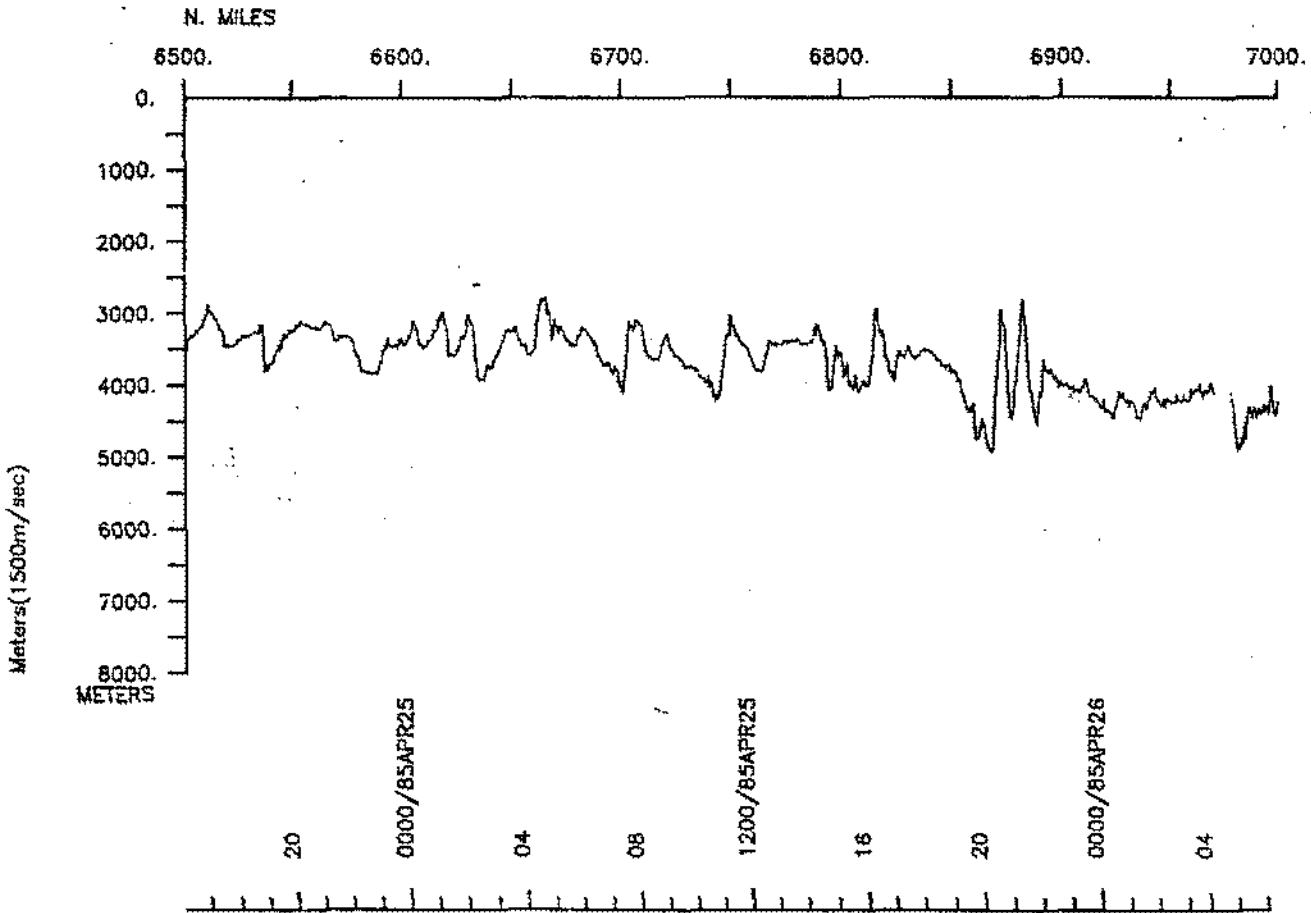
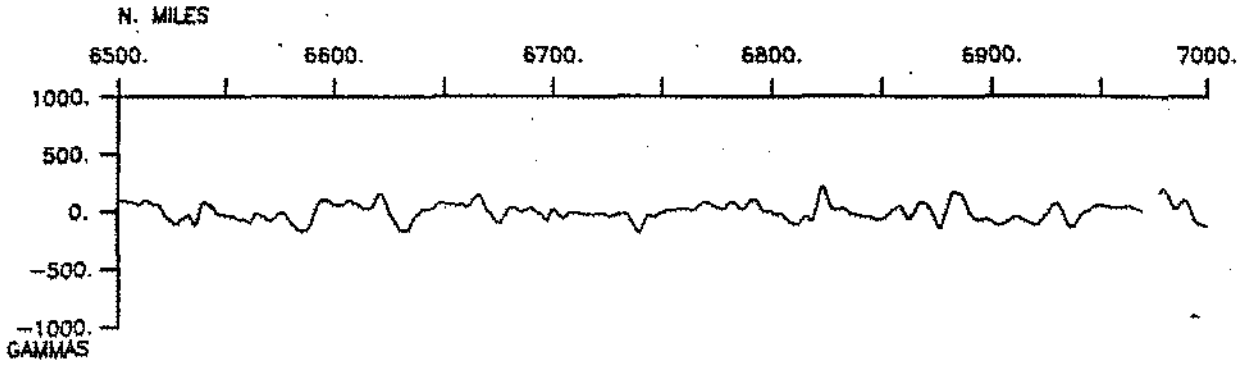
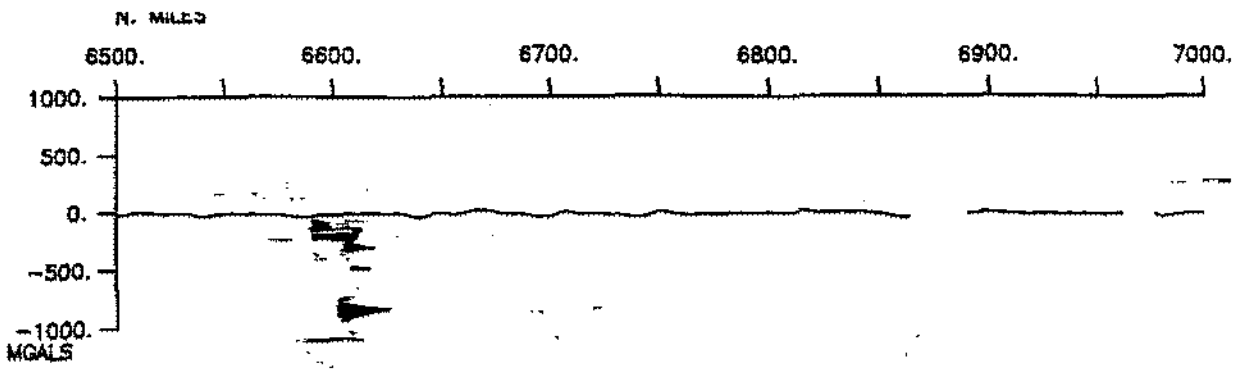


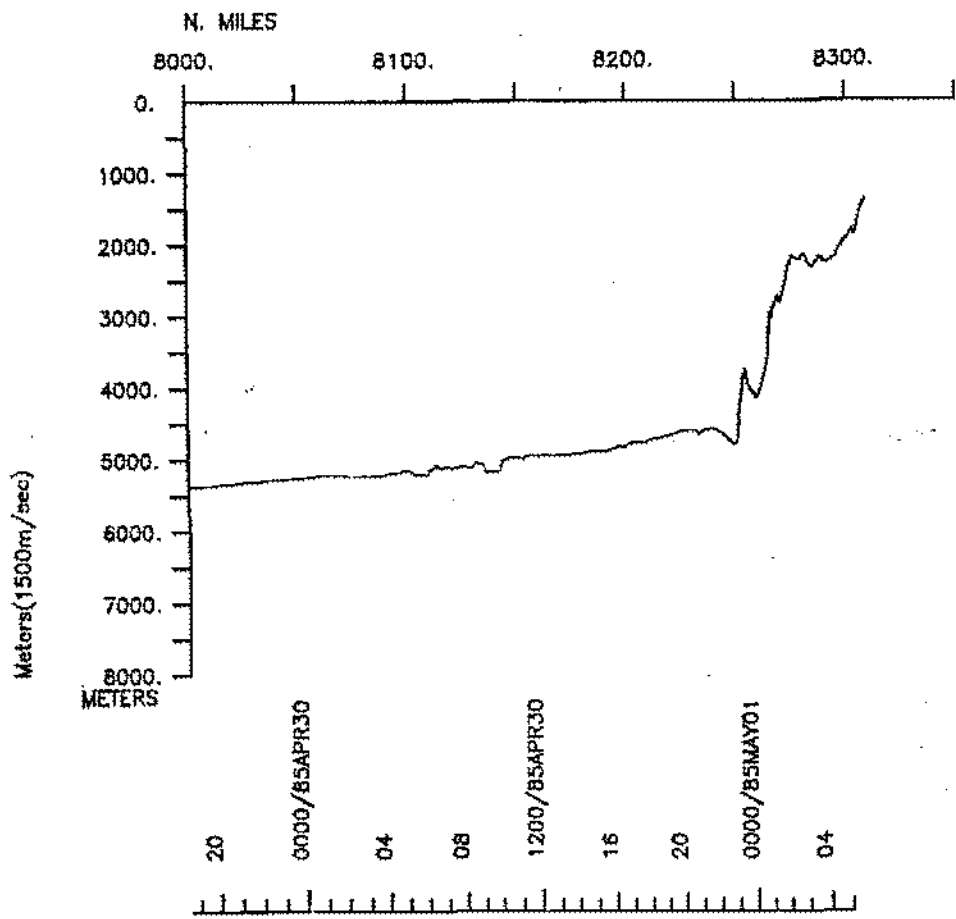
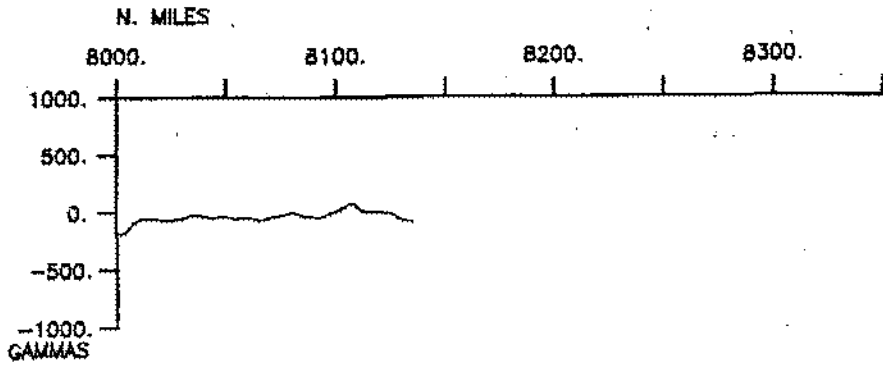
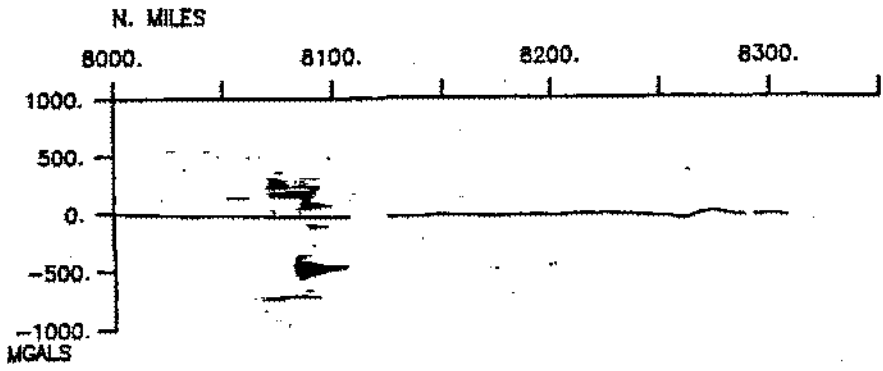


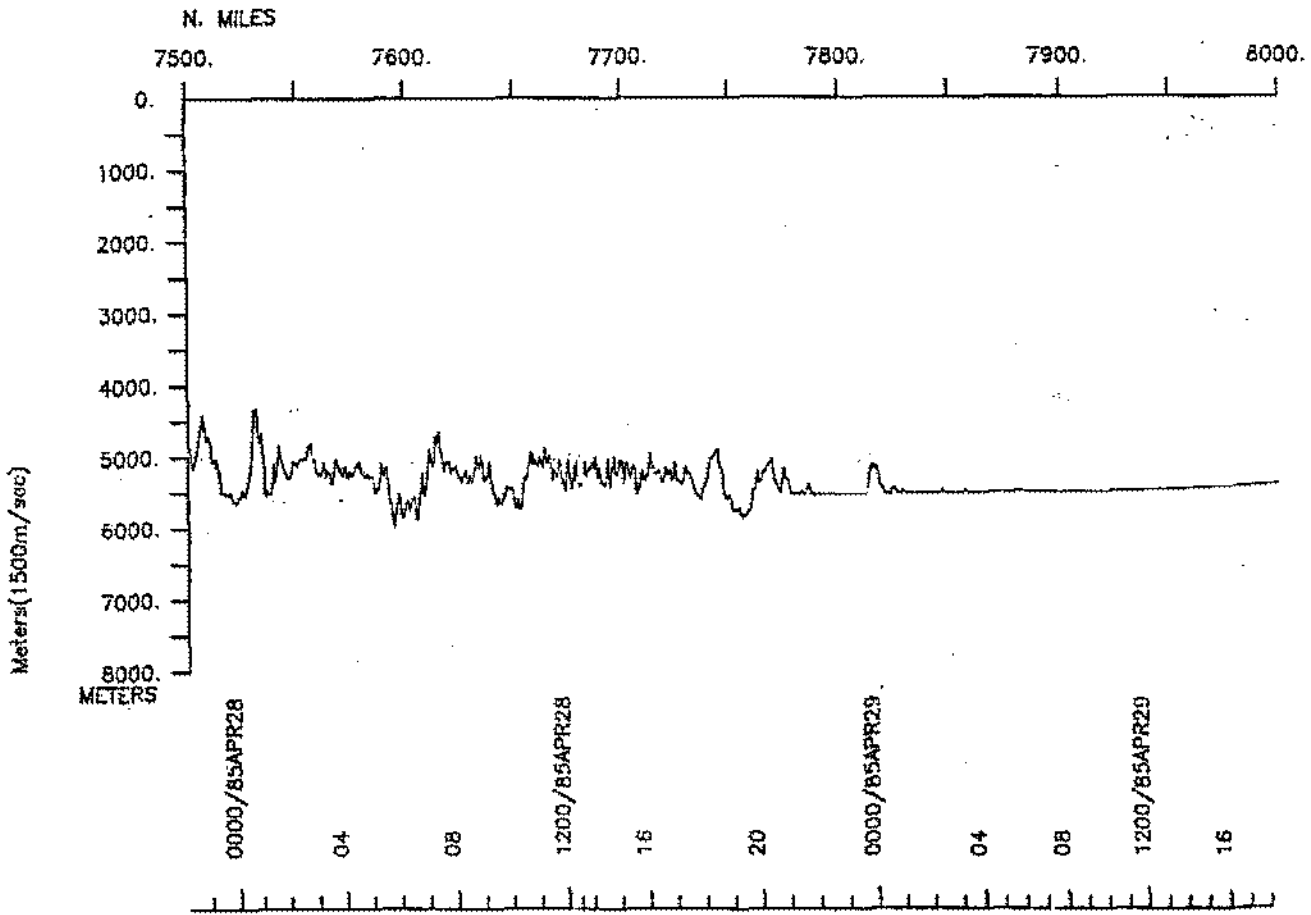
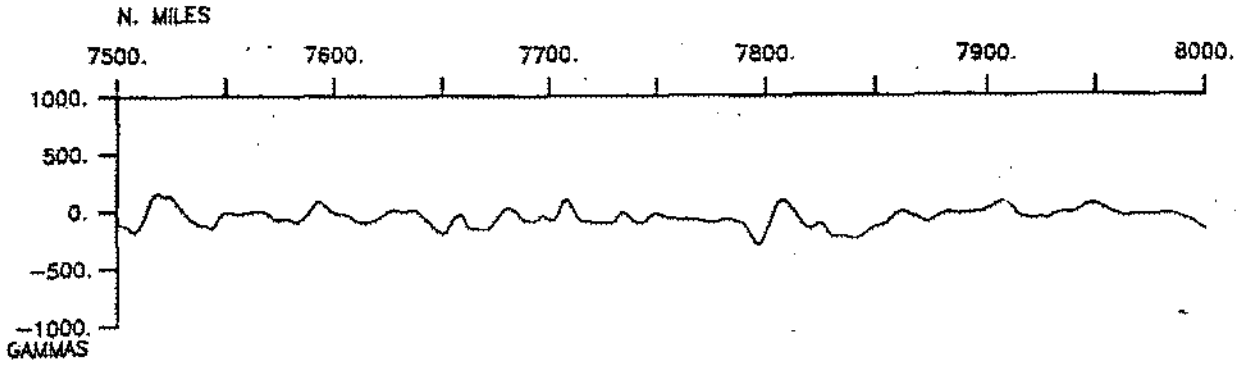
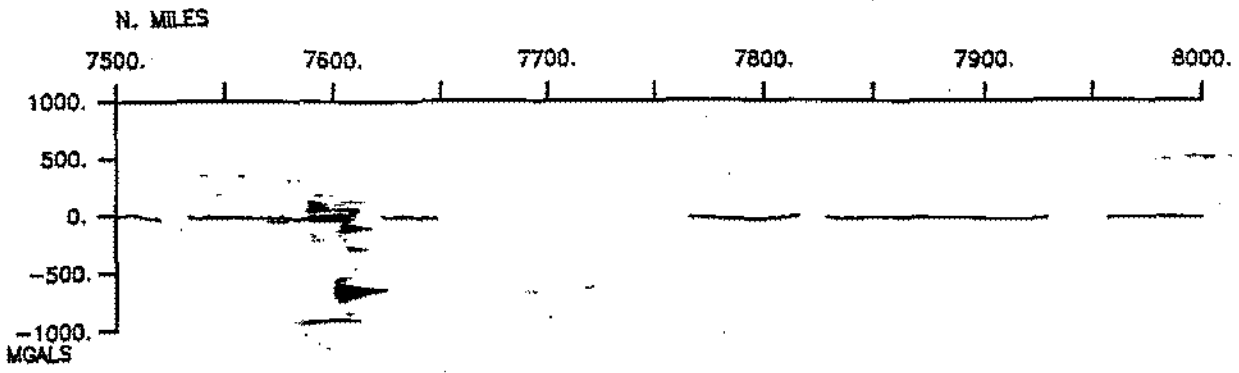












S.I.O. SAMPLE INDEX

(Re-Issued June 1986)

MARATHON EXPEDITION

Leg 13

Cape Town, South Africa (01 April 1985)
to
Recife, Brazil (01 May 1985)

R/V T. Washington

Chief Scientist - J. Fox (URI)

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

Index Encoding Funded by ONR
Grant Number ONR-0440
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 marine 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 lines. 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. #215

****PORTS****

1430 010485 LGPT B CAPE TOWN, SOUTH AFRICA 33-54 S 18-26 E fMRTN13WT
 1000 010585 LGPT E RECIFE, BRAZIL 8-04 S 34-53 W fMRTN13WT

****PERSONNEL****

#	***NAME***	***TITLE***	***AFFILIATION***	**GRID**
PECS URI	FOX, J.	CHIEF SCIENTIST	UNIV. OF RHODE ISLAND	MRTN13WT
PECS SIX	FORSYTH, D.	CHIEF SCIENTIST	BROWN UNIVERSITY	MRTN13WT
PERT MTG	WILSON, R.	RESIDENT TECH	SCRIPPS INSTITUTION	MRTN13WT
PECT SCG	ABBOTT, L.	COMPUTER TECH	SCRIPPS INSTITUTION	MRTN13WT
PEAT SGG	CRAMPTON, P.	AIRGUN TECH	SCRIPPS INSTITUTION	MRTN13WT
PEBT GDC	SMITH, W.	SEABEAM OP	SCRIPPS INSTITUTION	MRTN13WT
PEST USB	ANTRIM, L.	STUDENT	U.C., SANTA BARBARA	MRTN13WT
PEST USB	BICKNELL, J.	STUDENT	U.C., SANTA BARBARA	MRTN13WT
PEST URI	GRINDLEY, N.	STUDENT	UNIV. OF RHODE ISLAND	MRTN13WT
PEST URI	MCCORMICK, D.	STUDENT	UNIV. OF RHODE ISLAND	MRTN13WT
PEST USB	OLIVER, D.	STUDENT	U.C., SANTA BARBARA	MRTN13WT
PEST SIX	SEMPERE, J.C.	STUDENT	U.C., SANTA BARBARA	MRTN13WT
PEST USB	EISEN, M.	STUDENT	U.C., SANTA BARBARA	MRTN13WT
PEET USN	LORENTZEN, P.	TECHNICIAN	UNITED STATES NAVY	MRTN13WT
PEVL SIX	OPPERMAN, S.	PHOTOGRAPHER	VOLUNTEER	MRTN13WT
PEST USB	CONWAY, C.	STUDENT	U.C., SANTA BARBARA	MRTN13WT

****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 A PARTICULAR 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	DDMMYY	SAMP	SAMPLE	DISP			CRUISE
#TIME	DATE	CODE	IDENTIFIER	CODE	LAT.	LONG.	LEG-SHIP

***UNDERWAY DATA CURATOR - S. M. SMITH EXT.2752

LOG BOOKS

1630	010485	LBUW B	UNDERWAY WATCH LOG	GDC 33-506S	18-013E		sMRTN13WT
0715	010585	LBUW E	UNDERWAY WATCH LOG	GDC 8-208S	34-228W		sMRTN13WT

SEABEAM MONITOR

1553	010485	MBRM B	SB UGR MONITOR R-01	GDC 33-511S	18-077E		sMRTN13WT
0800	050485	MBRM E	SB UGR MONITOR R-01	GDC 33-164S	1-513W		sMRTN13WT
0816	050485	MBRM B	SB UGR MONITOR R-02	GDC 33-185S	1-536W		sMRTN13WT
0224	290485	MBRM E	SB UGR MONITOR R-02	GDC 12-515S	28-042W		sMRTN13WT
0237	290485	MBRM B	SB UGR MONITOR R-03	GDC 12-498S	28-064W		sMRTN13WT
0717	010585	MBRM E	SB UGR MONITOR R-03	GDC 8-208S	34-228W		sMRTN13WT

GRAVIMETER

1702	010485	GVRA B	GRAVITYMETER R-01	LMD 33-500S	17-530E		sMRTN13WT
1132	110485	GVRA E	GRAVITYMETER R-01	LMD 34-069S	14-012W		sMRTN13WT
1140	110485	GVRA B	GRAVITYMETER R-02	LMD 34-085S	14-012W		sMRTN13WT
1134	280485	GVRA E	GRAVITYMETER R-02	LMD 14-353S	25-350W		sMRTN13WT
1139	280485	GVRA B	GRAVITYMETER R-03	LMD 14-347S	25-359W		sMRTN13WT
1000	010585	GVRA E	GRAVITYMETER R-03	LMD 8-208S	34-228W		sMRTN13WT

MAGNETOMETER

1949	010485	MGRA B	MAGNETOMETER R-01	GDC 33-464S	17-146E		sMRTN13WT
0458	130485	MGRA E	MAGNETOMETER R-01	GDC 32-414S	14-428W		sMRTN13WT
0505	130485	MGRA B	MAGNETOMETER R-02	GDC 32-413S	14-445W		sMRTN13WT
1435	240485	MGRA E	MAGNETOMETER R-02	GDC 29-252S	14-055W		sMRTN13WT
1438	240485	MGRA B	MAGNETOMETER R-03	GDC 29-246S	14-055W		sMRTN13WT
0911	300485	MGRA E	MAGNETOMETER R-03	GDC 10-059S	32-032W		sMRTN13WT

SEISMIC REFLECTION

2245	010485	SPRS B	WATERGUN SLOW R-01	GDC 33-477S	16-348E		sMRTN13WT
0128	040485	SPRS E	WATERGUN SLOW R-01	GDC 33-437S	3-523E		sMRTN13WT
0141	040485	SPRS B	WATERGUN SLOW R-02	GDC 33-438S	3-492E		sMRTN13WT
1852	290485	SPRS E	WATERGUN SLOW R-02	GDC 11-188S	30-113W		sMRTN13WT
1858	290485	SPRS B	WATERGUN SLOW R-03	GDC 11-183S	30-121W		sMRTN13WT
0911	300485	SPRS E	WATERGUN SLOW R-03	GDC 10-059S	32-032W		sMRTN13WT

#GMT #TIME #	DDMMYY DATE	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
2245	010485	SPRF B	WATERGUN FAST R-01	GDC	33-477S	16-348E	sMRTN13WT
0910	030485	SPRF E	WATERGUN FAST R-01	GDC	33-440S	7-486E	sMRTN13WT
0941	030485	SPRF B	WATERGUN FAST R-02	GDC	33-444S	7-413W	sMRTN13WT
2150	060485	SPRF E	WATERGUN FAST R-02	GDC	33-571S	10-033W	sMRTN13WT
2154	060485	SPRF B	WATERGUN FAST R-03	GDC	33-571S	10-033W	sMRTN13WT
2214	070485	SPRF E	WATERGUN FAST R-03	GDC	33-489S	15-279W	sMRTN13WT
1123	280485	SPRF B	WATERGUN FAST R-04	GDC	14-366S	25-330W	sMRTN13WT
0911	300485	SPRF E	WATERGUN FAST R-04	GDC	10-059S	32-032W	sMRTN13WT

FATHOMETER

2231	070485	DPR3 B	EPC 3.5 KHZ R-01	GDC	33-476S	15-278W	sMRTN13WT
0900	010585	DPR3 E	EPC 3.5 KHZ R-01	GDC	8-208S	34-228W	sMRTN13WT

EXPENDABLE BATHYTHERMOGRAPHS

0000	030485	BTXP	NR. SAMPLES = 1	GDC	33-391S	10-124E	sMRTN13WT
0000	190485	BTXP	NR. SAMPLES = 2	GDC	31-400S	12-226W	sMRTN13WT

SOUND VELOCITY PROFILES

1030	030485	MBVP	SOUND VELOCITY	GDC	33-451S	7-292E	sMRTN13WT
1124	190485	MBVP	SOUND VELOCITY	GDC	31-360S	14-034W	sMRTN13WT
0944	260485	MBVP	SOUND VELOCITY	GDC	20-439S	16-407W	sMRTN13WT
1207	290485	MBVP	SOUND VELOCITY	GDC	11-542S	29-178W	sMRTN13WT

SEABEAM SWATH BOOKS

1920	010485	MBSB B	SB SWATH BOOK 01	GDC	33-463S	17-195E	sMRTN13WT
0353	030485	MBSB E	SB SWATH BOOK 01	GDC	33-409S	9-100E	sMRTN13WT
0353	030485	MBSB B	SB SWATH BOOK 02	GDC	33-409S	9-100E	sMRTN13WT
1236	040485	MBSB E	SB SWATH BOOK 02	GDC	33-450S	1-151E	sMRTN13WT
1236	040485	MBSB B	SB SWATH BOOK 03	GDC	33-450S	1-151E	sMRTN13WT
0009	060485	MBSB E	SB SWATH BOOK 03	GDC	34-019S	4-547W	sMRTN13WT
0009	060485	MBSB B	SB SWATH BOOK 04	GDC	34-019S	4-547W	sMRTN13WT
1146	070485	MBSB E	SB SWATH BOOK 04	GDC	33-510S	13-259W	sMRTN13WT
1146	070485	MBSB B	SB SWATH BOOK 05	GDC	33-510S	13-259W	sMRTN13WT
2117	080485	MBSB E	SB SWATH BOOK 05	GDC	33-197S	14-108W	sMRTN13WT
2117	080485	MBSB B	SB SWATH BOOK 06	GDC	33-197S	14-108W	sMRTN13WT
1030	100485	MBSB E	SB SWATH BOOK 06	GDC	34-021S	15-243W	sMRTN13WT
1030	100485	MBSB B	SB SWATH BOOK 07	GDC	34-021S	15-243W	sMRTN13WT
2221	110485	MBSB E	SB SWATH BOOK 07	GDC	34-136S	15-160W	sMRTN13WT
2221	110485	MBSB B	SB SWATH BOOK 08	GDC	34-136S	15-160W	sMRTN13WT
0737	130485	MBSB E	SB SWATH BOOK 08	GDC	32-413S	15-202W	sMRTN13WT
0738	130485	MBSB B	SB SWATH BOOK 09	GDC	32-413S	15-204W	sMRTN13WT
1901	140485	MBSB E	SB SWATH BOOK 09	GDC	33-581S	15-036W	sMRTN13WT
1901	140485	MBSB B	SB SWATH BOOK 10	GDC	33-581S	15-036W	sMRTN13WT
0850	160485	MBSB E	SB SWATH BOOK 10	GDC	32-154S	15-005W	sMRTN13WT

#GMT #TIME	DDMMYY DATE	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0850	160485	MBSB B SB	SWATH BOOK 11	GDC	32-154S	15-005W	sMRTN13WT
2152	170485	MBSB E SB	SWATH BOOK 11	GDC	30-433S	12-541W	sMRTN13WT
2152	170485	MBSB B SB	SWATH BOOK 12	GDC	30-433S	12-541W	sMRTN13WT
0830	190485	MBSB E SB	SWATH BOOK 12	GDC	31-487S	14-231W	sMRTN13WT
0830	190485	MBSB B SB	SWATH BOOK 13	GDC	31-487S	14-231W	sMRTN13WT
1707	200485	MBSB E SB	SWATH BOOK 13	GDC	30-576S	13-163W	sMRTN13WT
1707	200485	MBSB B SB	SWATH BOOK 14	GDC	30-576S	13-163W	sMRTN13WT
2126	210485	MBSB E SB	SWATH BOOK 14	GDC	31-346S	13-244W	sMRTN13WT
2127	210485	MBSB B SB	SWATH BOOK 15	GDC	31-346S	13-242W	sMRTN13WT
0726	230485	MBSB E SB	SWATH BOOK 15	GDC	31-115S	13-350W	sMRTN13WT
0726	230485	MBSB B SB	SWATH BOOK 16	GDC	31-115S	13-350W	sMRTN13WT
1743	240485	MBSB E SB	SWATH BOOK 16	GDC	28-436S	14-072W	sMRTN13WT
1743	240485	MBSB B SB	SWATH BOOK 17	GDC	28-436S	14-072W	sMRTN13WT
0151	260485	MBSB E SB	SWATH BOOK 17	GDC	21-502S	15-292W	sMRTN13WT
0152	260485	MBSB B SB	SWATH BOOK 18	GDC	21-500S	15-292W	sMRTN13WT
0955	270485	MBSB E SB	SWATH BOOK 18	GDC	17-461S	21-039W	sMRTN13WT
0956	270485	MBSB B SB	SWATH BOOK 19	GDC	17-459S	21-041W	sMRTN13WT
2304	280485	MBSB E SB	SWATH BOOK 19	GDC	13-172S	27-290W	sMRTN13WT
2304	280485	MBSB B SB	SWATH BOOK 20	GDC	13-172S	27-290W	sMRTN13WT
0717	010585	MBSB E SB	SWATH BOOK 20	GDC	8-208S	34-228W	sMRTN13WT
1920	010485	MBSB B SB	ARCHIVE SW BK 01	GDC	33-463S	17-195E	sMRTN13WT
0402	030485	MBSB E SB	ARCHIVE SW BK 01	GDC	33-410S	9-076E	sMRTN13WT
0402	030485	MBSB B SB	ARCHIVE SW BK 02	GDC	33-410S	9-076E	sMRTN13WT
1238	040485	MBSB E SB	ARCHIVE SW BK 02	GDC	33-447S	1-147E	sMRTN13WT
1238	040485	MBSB B SB	ARCHIVE SW BK 03	GDC	33-447S	1-147E	sMRTN13WT
0010	060485	MBSB E SB	ARCHIVE SW BK 03	GDC	34-019S	4-549W	sMRTN13WT
0010	060485	MBSB B SB	ARCHIVE SW BK 04	GDC	34-019S	4-549W	sMRTN13WT
1148	070485	MBSB E SB	ARCHIVE SW BK 04	GDC	33-510S	13-263W	sMRTN13WT
1148	070485	MBSB B SB	ARCHIVE SW BK 05	GDC	33-510S	13-263W	sMRTN13WT
2103	080485	MBSB E SB	ARCHIVE SW BK 05	GDC	33-197S	14-145W	sMRTN13WT
2107	080485	MBSB B SB	ARCHIVE SW BK 06	GDC	33-197S	14-134W	sMRTN13WT
0800	100485	MBSB E SB	ARCHIVE SW BK 06	GDC	34-166S	15-269W	sMRTN13WT
0800	100485	MBSB B SB	ARCHIVE SW BK 07	GDC	34-166S	15-269W	sMRTN13WT
2222	110485	MBSB E SB	ARCHIVE SW BK 07	GDC	34-136S	15-162W	sMRTN13WT
2222	110485	MBSB B SB	ARCHIVE SW BK 08	GDC	34-136S	15-162W	sMRTN13WT
0739	130485	MBSB E SB	ARCHIVE SW BK 08	GDC	32-413S	15-206W	sMRTN13WT
0739	130485	MBSB B SB	ARCHIVE SW BK 09	GDC	32-413S	15-206W	sMRTN13WT
2336	140485	MBSB E SB	ARCHIVE SW BK 09	GDC	34-124S	15-287W	sMRTN13WT
2337	140485	MBSB B SB	ARCHIVE SW BK 10	GDC	34-123S	15-287W	sMRTN13WT
1652	160485	MBSB E SB	ARCHIVE SW BK 10	GDC	32-292S	14-204W	sMRTN13WT

#GMT #TIME	DDMMYY DATE	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
#							
1652	160485	MBSB B	SB ARCHIVE SW BK 11	GDC	32-292S	14-204W	sMRTN13WT
0548	180485	MBSB E	SB ARCHIVE SW BK 11	GDC	32-064S	12-345W	sMRTN13WT
0548	180485	MBSB B	SB ARCHIVE SW BK 12	GDC	32-064S	12-345W	sMRTN13WT
1818	190485	MBSB E	SB ARCHIVE SW BK 12	GDC	31-255S	12-410W	sMRTN13WT
1718	190485	MBSB B	SB ARCHIVE SW BK 13	GDC	31-267S	12-530W	sMRTN13WT
2231	200485	MBSB E	SB ARCHIVE SW BK 13	GDC	31-043S	13-105W	sMRTN13WT
2231	200485	MBSB B	SB ARCHIVE SW BK 14	GDC	31-043S	13-105W	sMRTN13WT
0744	220485	MBSB E	SB ARCHIVE SW BK 14	GDC	31-403S	13-298W	sMRTN13WT
0744	220485	MBSB B	SB ARCHIVE SW BK 15	GDC	31-403S	13-298W	sMRTN13WT
1814	230485	MBSB E	SB ARCHIVE SW BK 15	GDC	31-530S	12-574W	sMRTN13WT
1814	230485	MBSB B	SB ARCHIVE SW BK 16	GDC	31-530S	12-574W	sMRTN13WT
0438	250485	MBSB E	SB ARCHIVE SW BK 16	GDC	26-228S	14-354W	sMRTN13WT
0438	250485	MBSB B	SB ARCHIVE SW BK 17	GDC	26-228S	14-354W	sMRTN13WT
1244	260485	MBSB E	SB ARCHIVE SW BK 17	GDC	20-215S	17-136W	sMRTN13WT
1245	260485	MBSB B	SB ARCHIVE SW BK 18	GDC	20-214S	17-137W	sMRTN13WT
2052	270485	MBSB E	SB ARCHIVE SW BK 18	GDC	16-248S	22-596W	sMRTN13WT
2052	270485	MBSB B	SB ARCHIVE SW BK 19	GDC	16-248S	22-596W	sMRTN13WT
1608	290485	MBSB E	SB ARCHIVE SW BK 19	GDC	11-334S	29-497W	sMRTN13WT
1608	290485	MBSB B	SB ARCHIVE SW BK 20	GDC	11-334S	29-497W	sMRTN13WT
0717	010585	MBSB E	SB ARCHIVE SW BK 20	GDC	8-208S	34-228W	sMRTN13WT

#

END SAMPLE INDEX