

*Report and Index of
Underway Marine Geophysical Data*

BOOMERANG EXPEDITION

LEG 6

(BMRG06MV)

R/V MELVILLE

(Issued July 1996)

Ports:

Fremantle, Australia (22 February 1996)

to

Port Hedland, Australia (15 April 1996)

Chief Scientist:

Kevin Johnson - Bishop Museum, Hawaii

Resident Marine Technician - Gene Pillard

Computer Technician - Todd Porteous

SeaBeam/UW Processor - Stuart M. Smith

Post-Cruise Processing and Report Preparation by the
Geological Data Center, Scripps Institution of Oceanography
La Jolla, California 92093-0223

Data Collection and Processing Funded by
NSF OCE94-00707

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 92093-0223*

GDC CRUISE I.D.# 267

**REPORT AND INDEX OF NAVIGATION
AND UNDERWAY GEOPHYSICAL DATA**

Processed by the Geological Data Center
Scripps Institution of Oceanography

Contents:

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

Track Charts - annotated with dates and hour ticks.

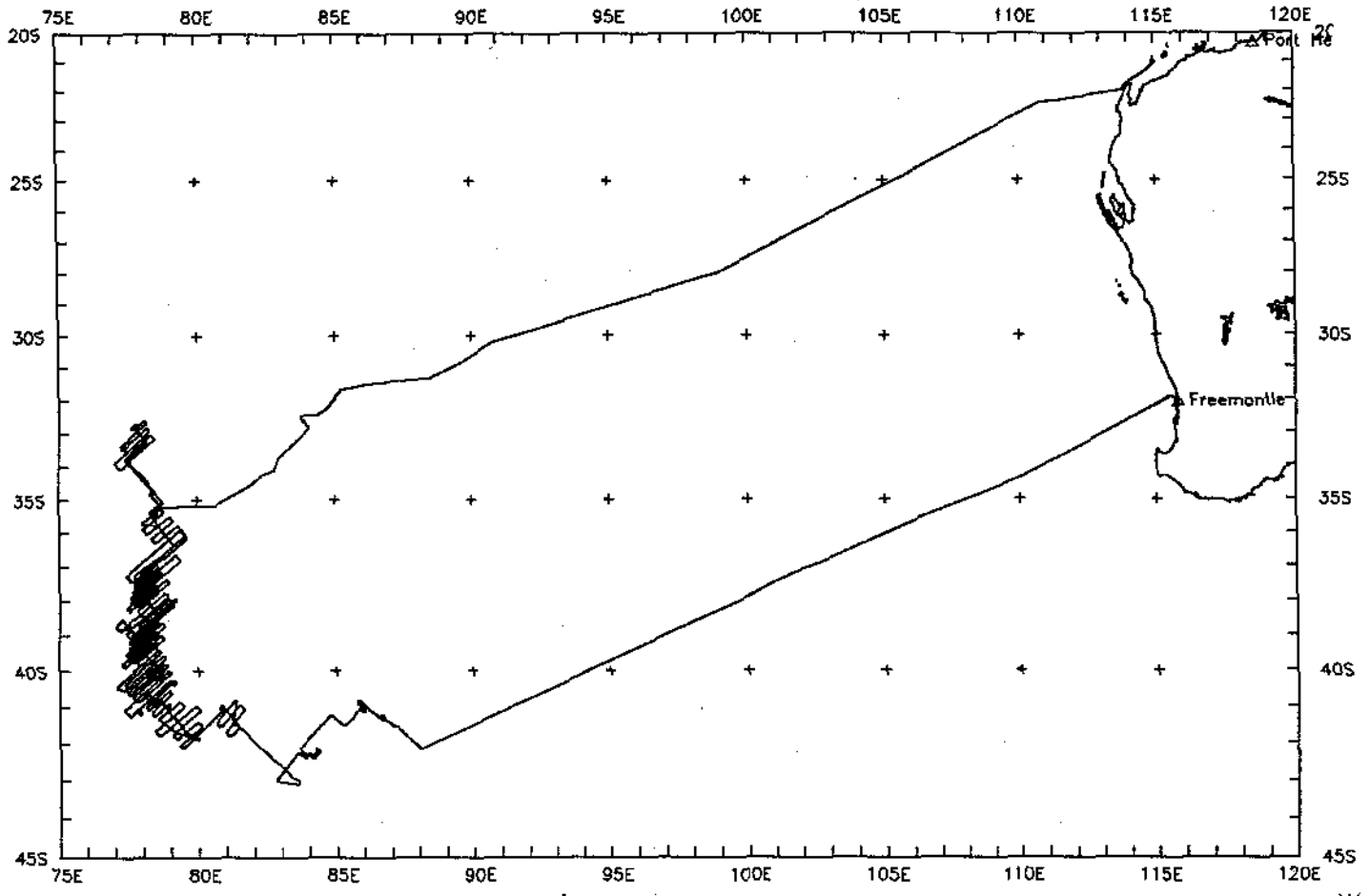
Profiles - depth, magnetic and gravity free air anomaly vs. distance. (Sections of track with seismic reflection data have a wide black line along the bottom of the profile.)

Sample Index - list of begin/end times and positions of all underway records as well as samples and measurements from other disciplines if collected on the cruise leg.

NOTE: One or more of the underway data types may not be collected on a given 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 92093-0223.

Phone: (619)534-2752, FAX: (619)534-6500, Internet email: ssmith@ucsd.edu

1. Files on Exabyte or DAT:
 - a) Separate time series ASCII files of navigation, single beam depth, gravity and magnetics.
 - b) These same data in a merged ASCII file in the MGD77 Exchange Format.
 - c) SeaBeam depth data (binary, Sun byte order) in SIO Swath Bathymetry Format.
 - d) SeaBeam Sidescan data.
2. Microfilm (35 mm flowfilm) or hard copies of:
 - a) Underway watch log book
 - b) SeaBeam vertical beam profile/Sidescan records.
 - c) Echosounder records - 3.5 kHz frequency.
 - d) Magnetometer records.
 - e) Seismic reflection profiler records.
3. Navigation listing with times and positions of fixes and course and speed changes.
4. Plots:
 - a) Copies of archived track plots.
 - b) Copies of archived SeaBeam contour plots.
 - c) Custom plots in Mercator projection:
 - 1) Track plots.
 - 2) SeaBeam depth contour plots.
 - 3) Depth, magnetic or gravity values printed or profiled along track.



BOOMERANG EXPEDITION LEG 6

CHIEF SCIENTIST: Kevin Johnson
 Bishop Museum, Honolulu, Hawaii

PORTS: Fremantle - Port Hedland, Australia

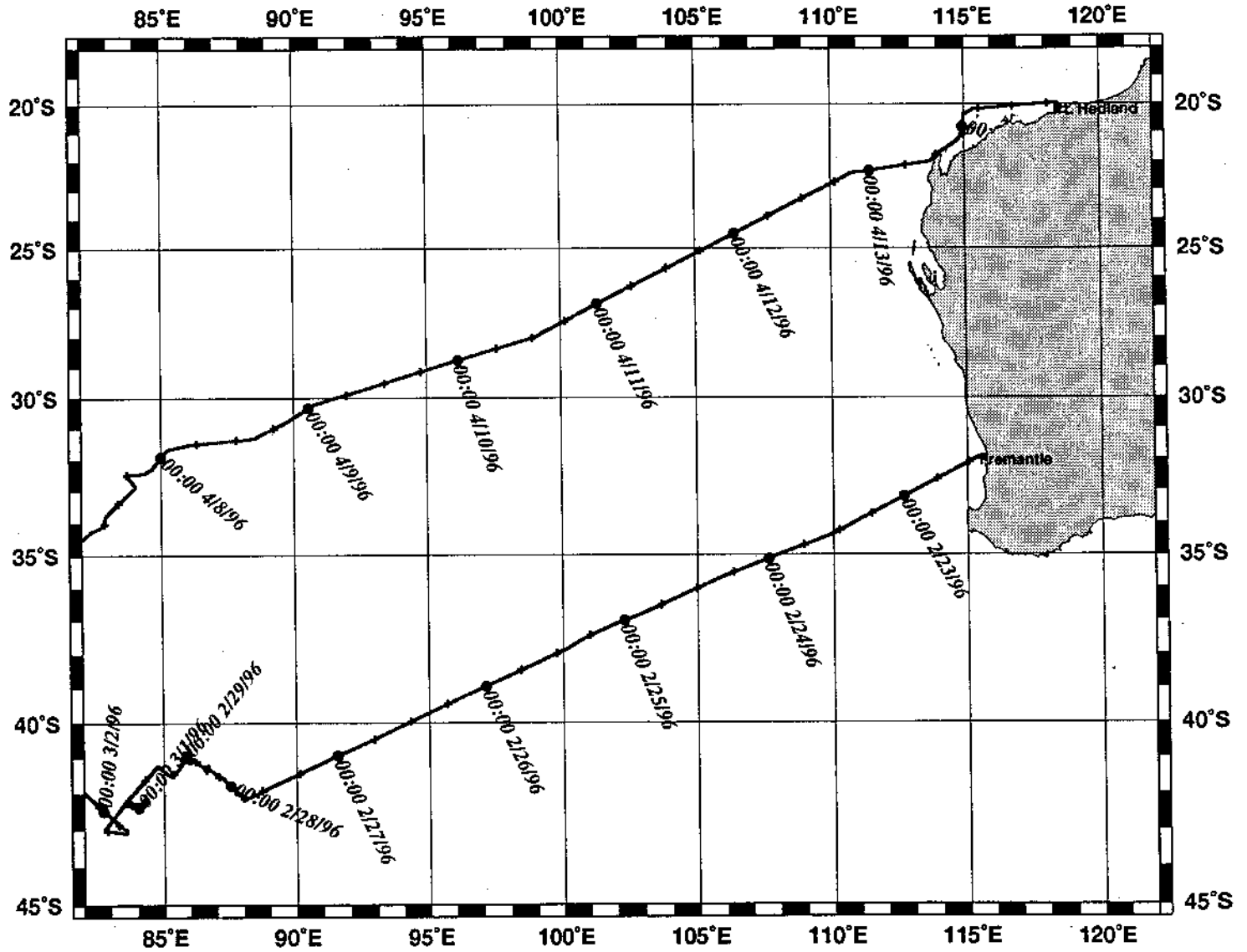
DATES: 22 February - 15 April 1996

SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

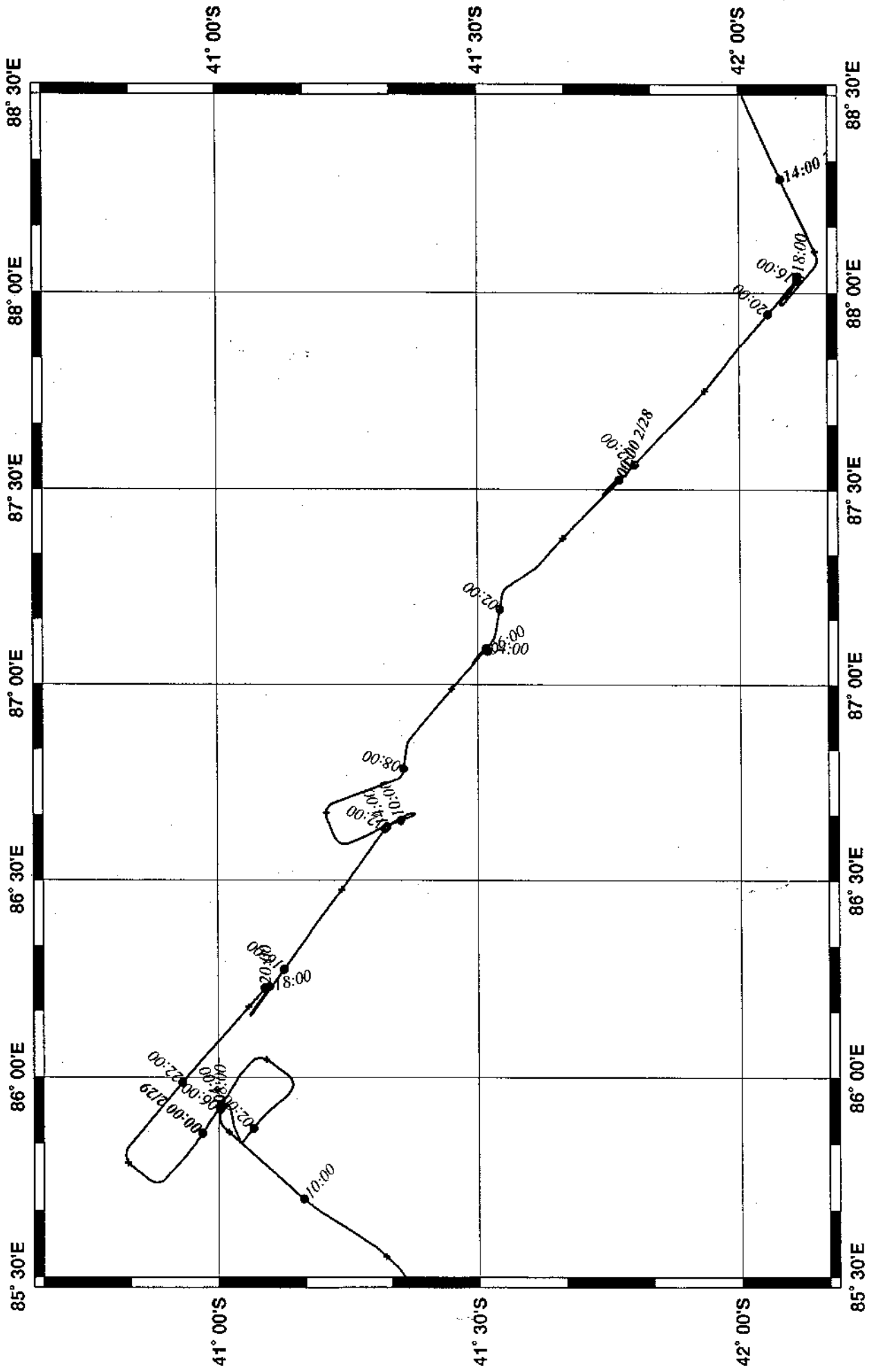
Cruise - 11146 miles	Magnetics - 9236 miles
Bathymetry - 11056 miles	Seismic Reflection - none collected
Sea Beam - 11056 miles	Gravity - 11146 miles

BMRG06MV Track

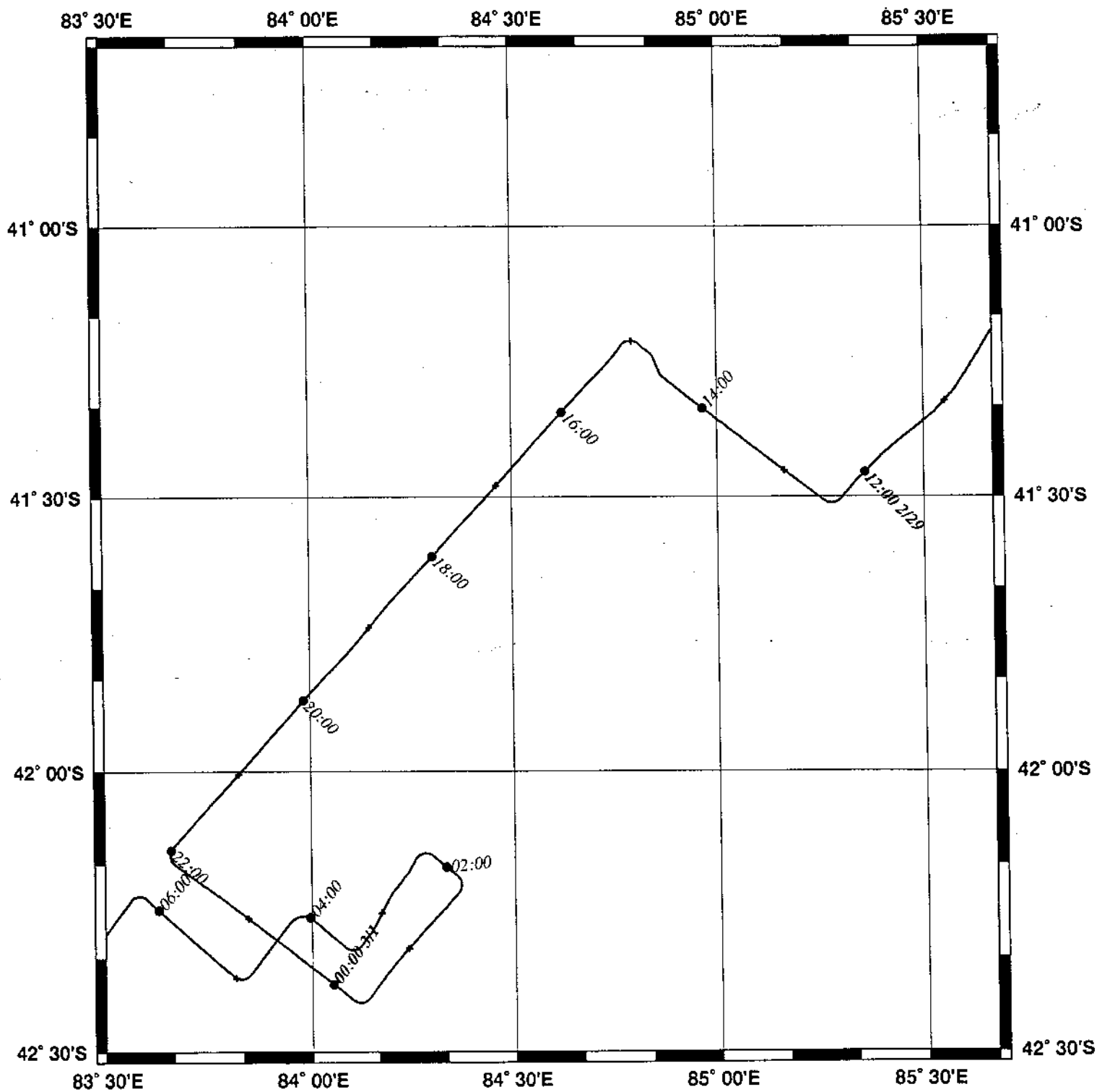


GMT Aug 16 09:34 :Fremantle to Pt. Hedland, Australia 22 February to 13 April 1996:

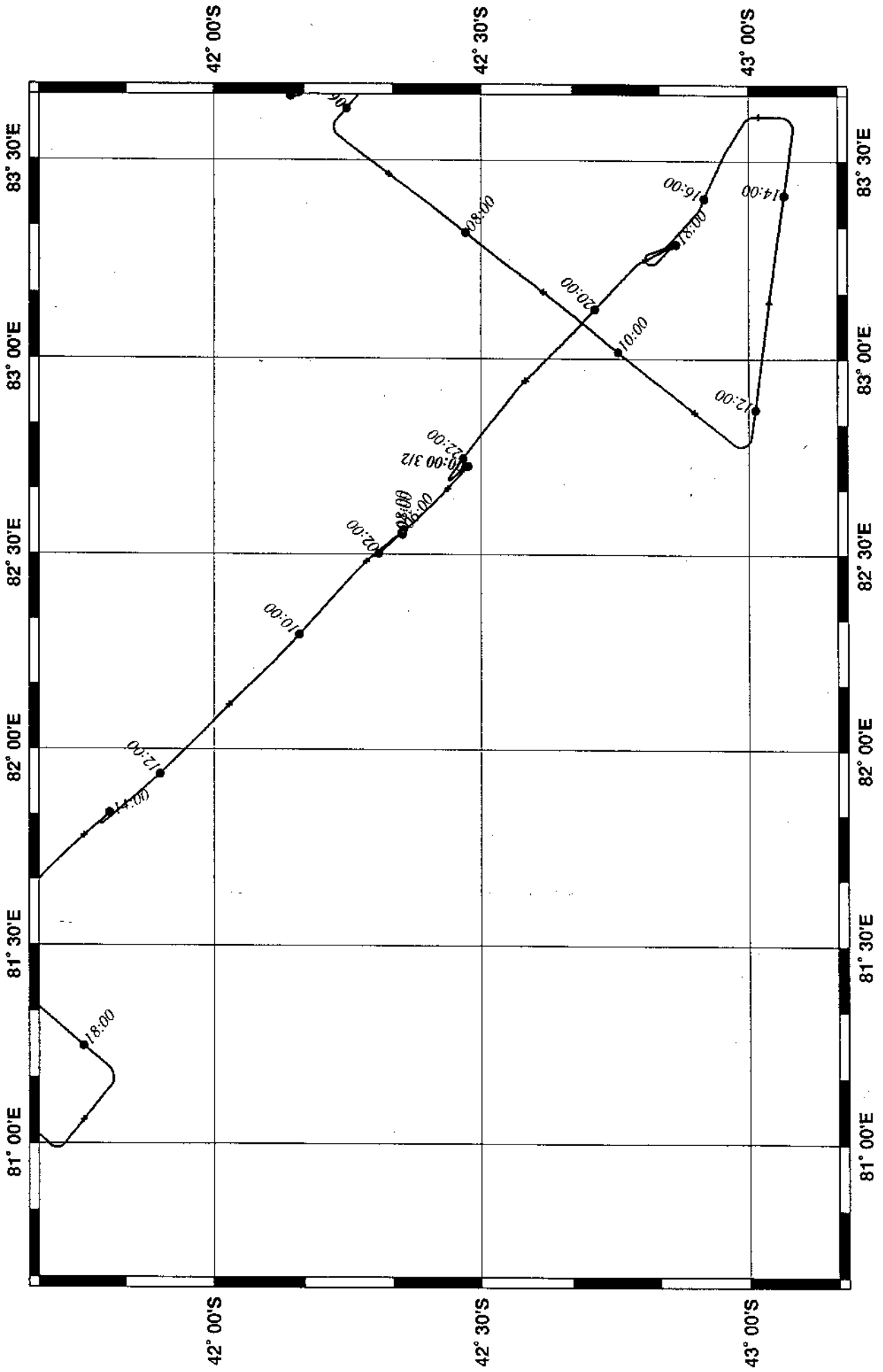
BMRG06MV Segment L



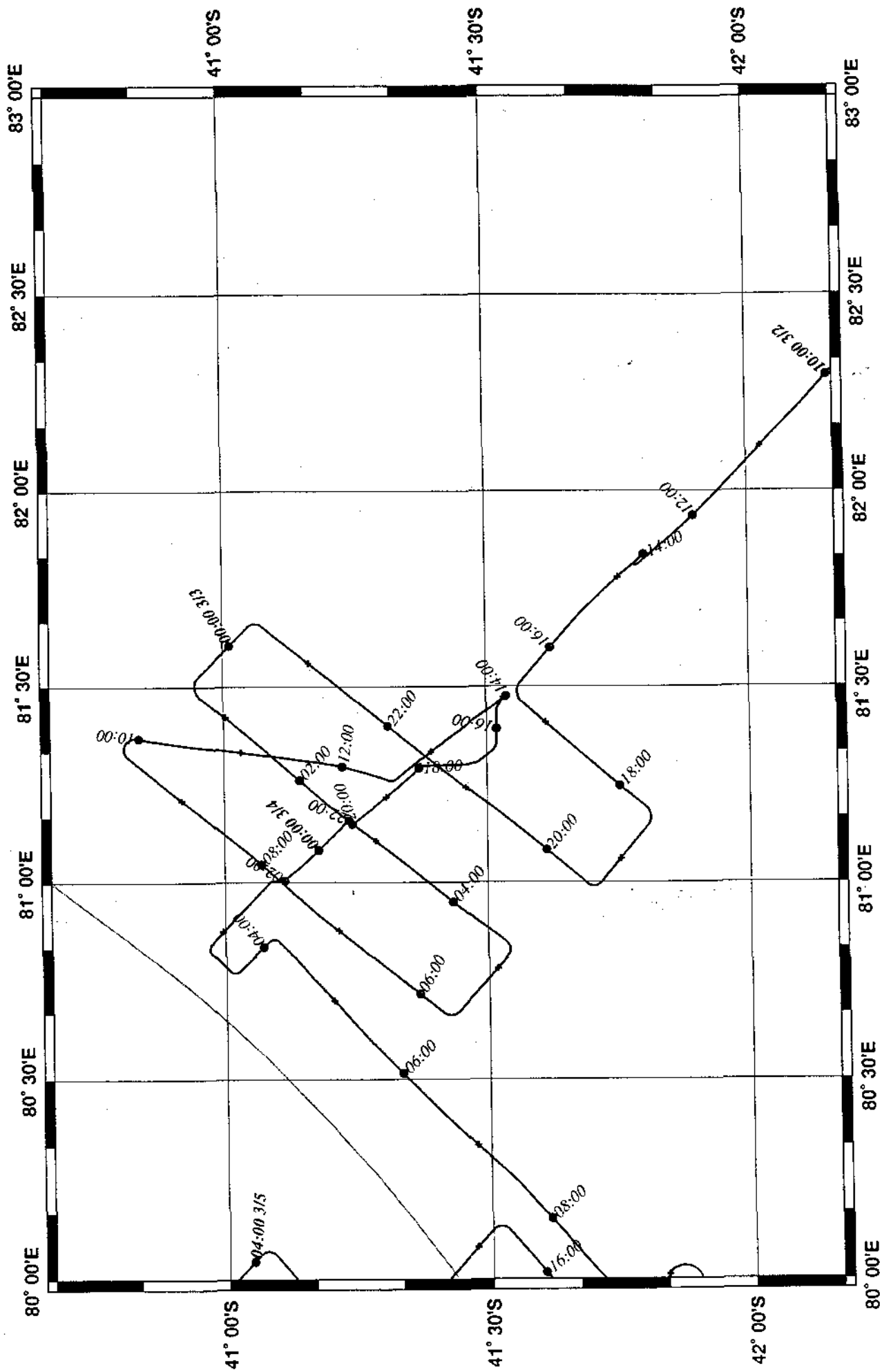
BMRG06MV Geelvink F.Z.



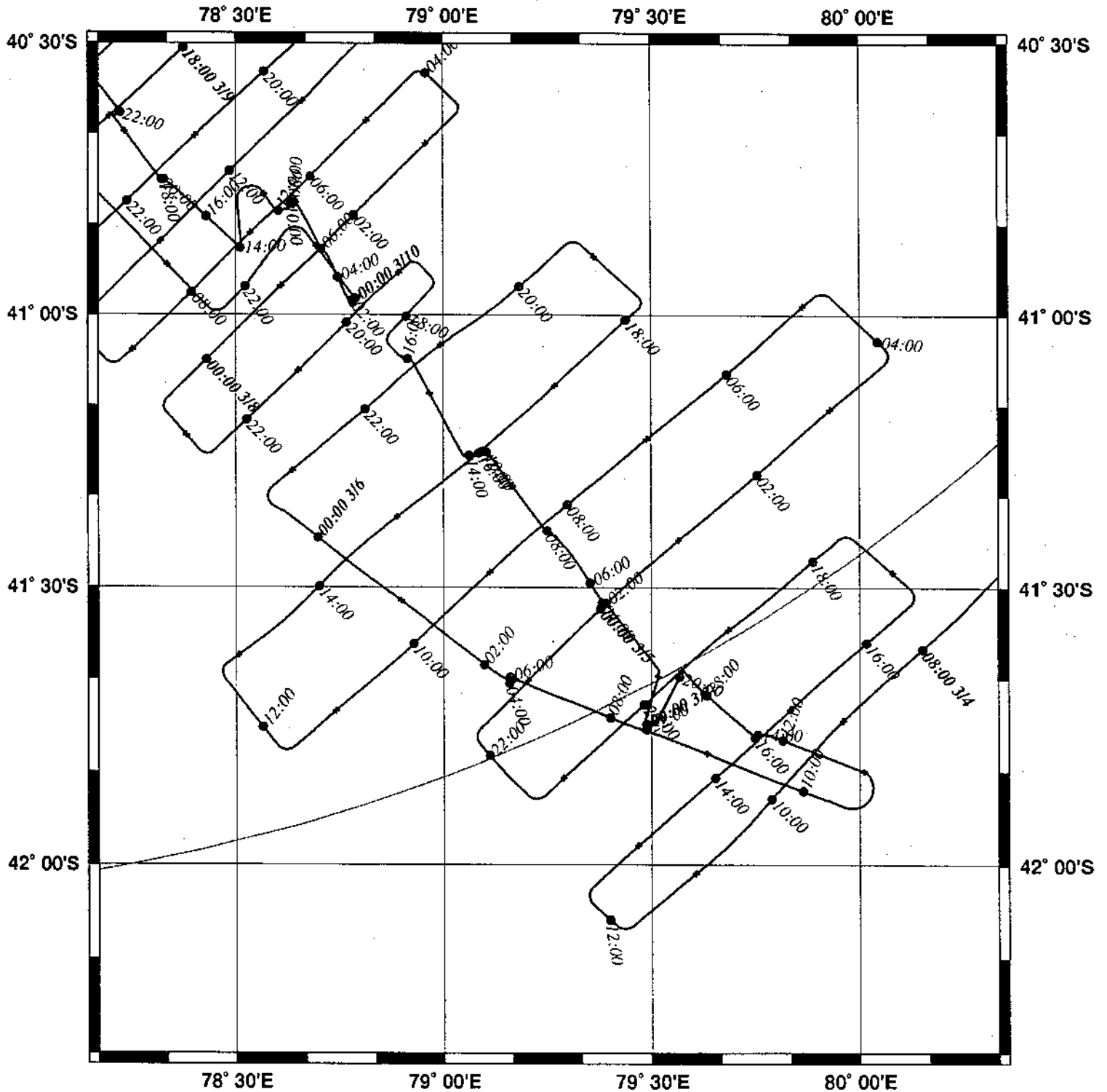
BMRG06MV Segment K (part 1)



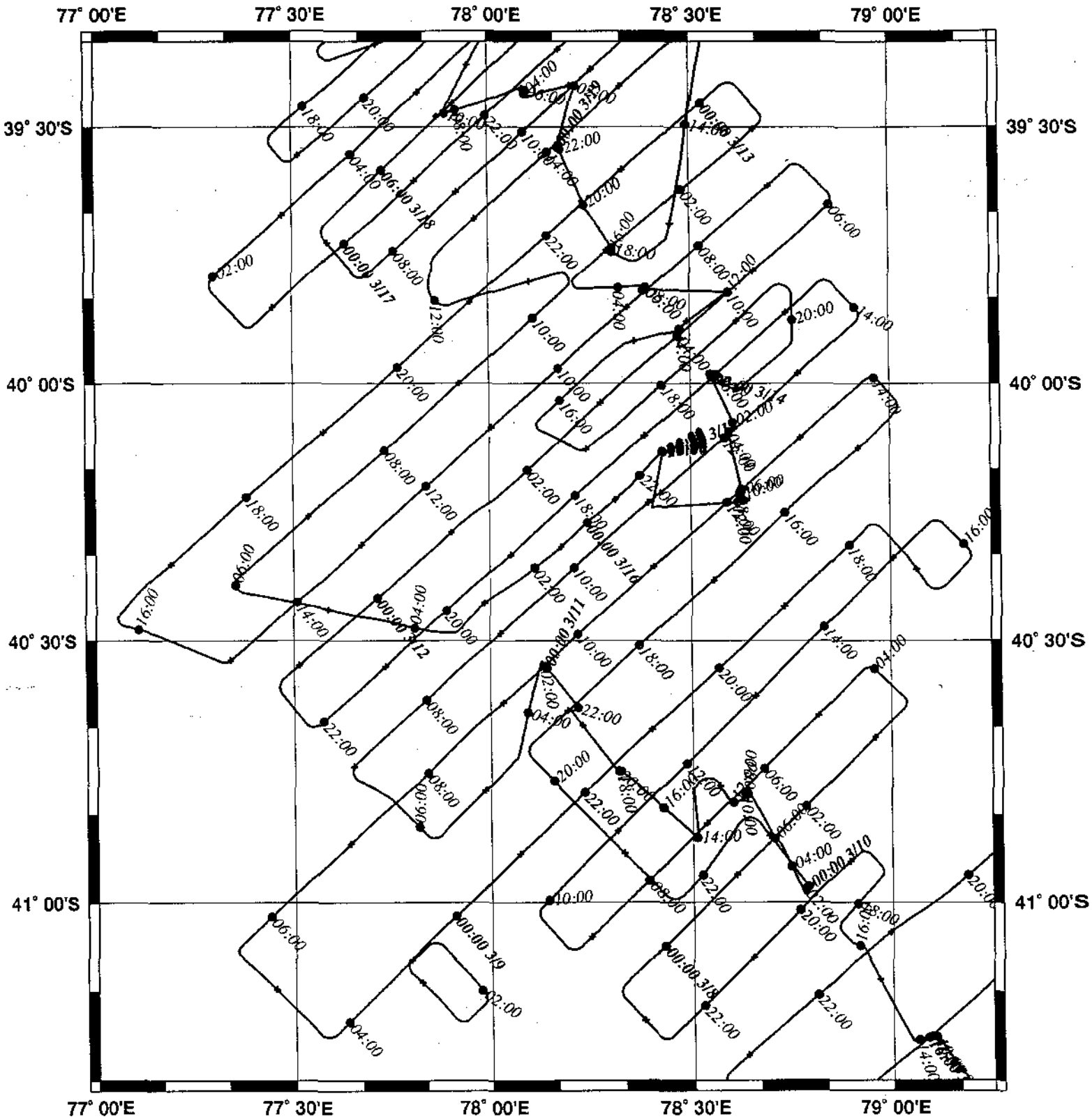
BMRG06MV Segment K (part 2)



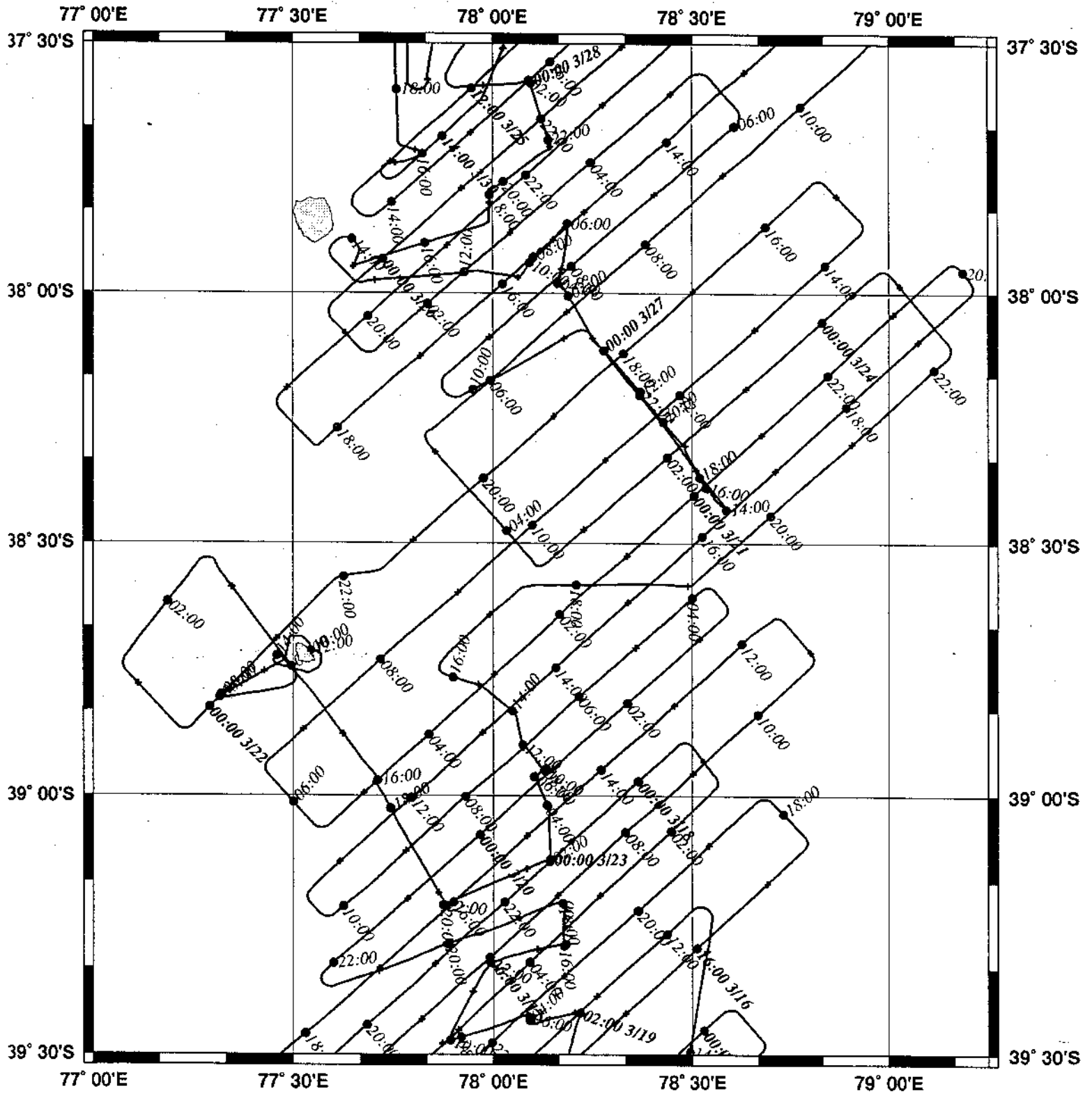
BMRG06MV Segment J4



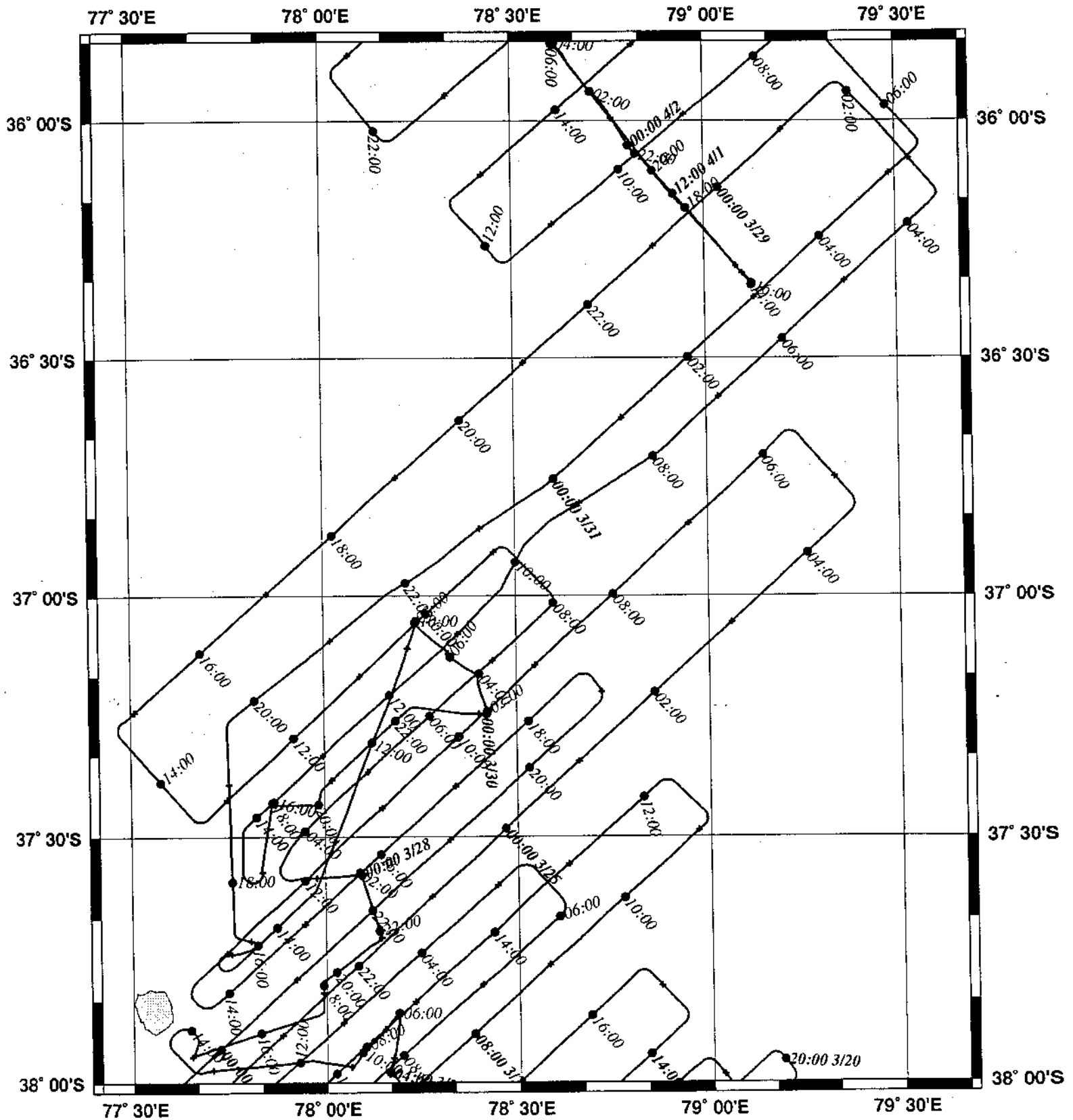
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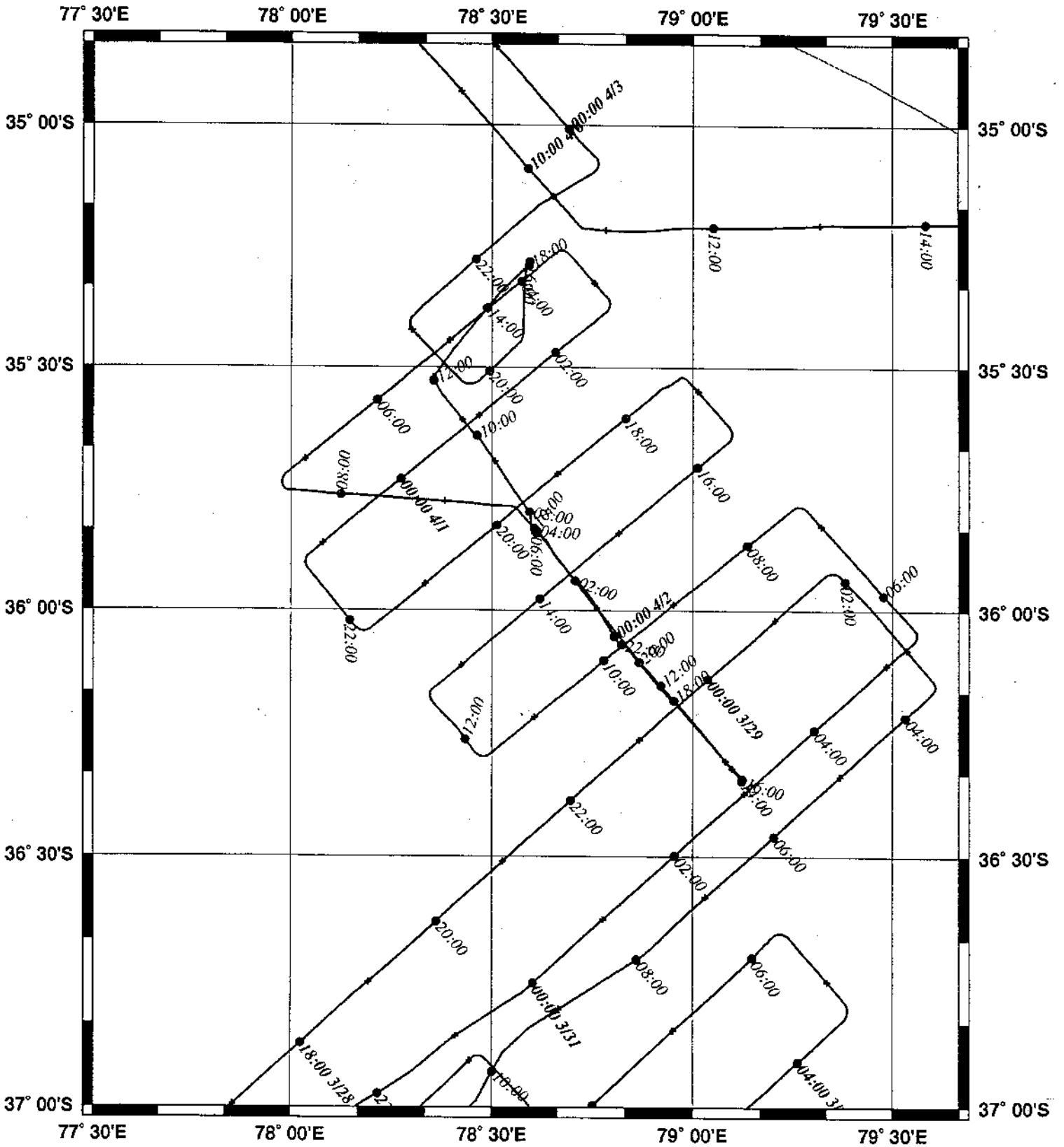
BMRG06MV Segment I2 - J1



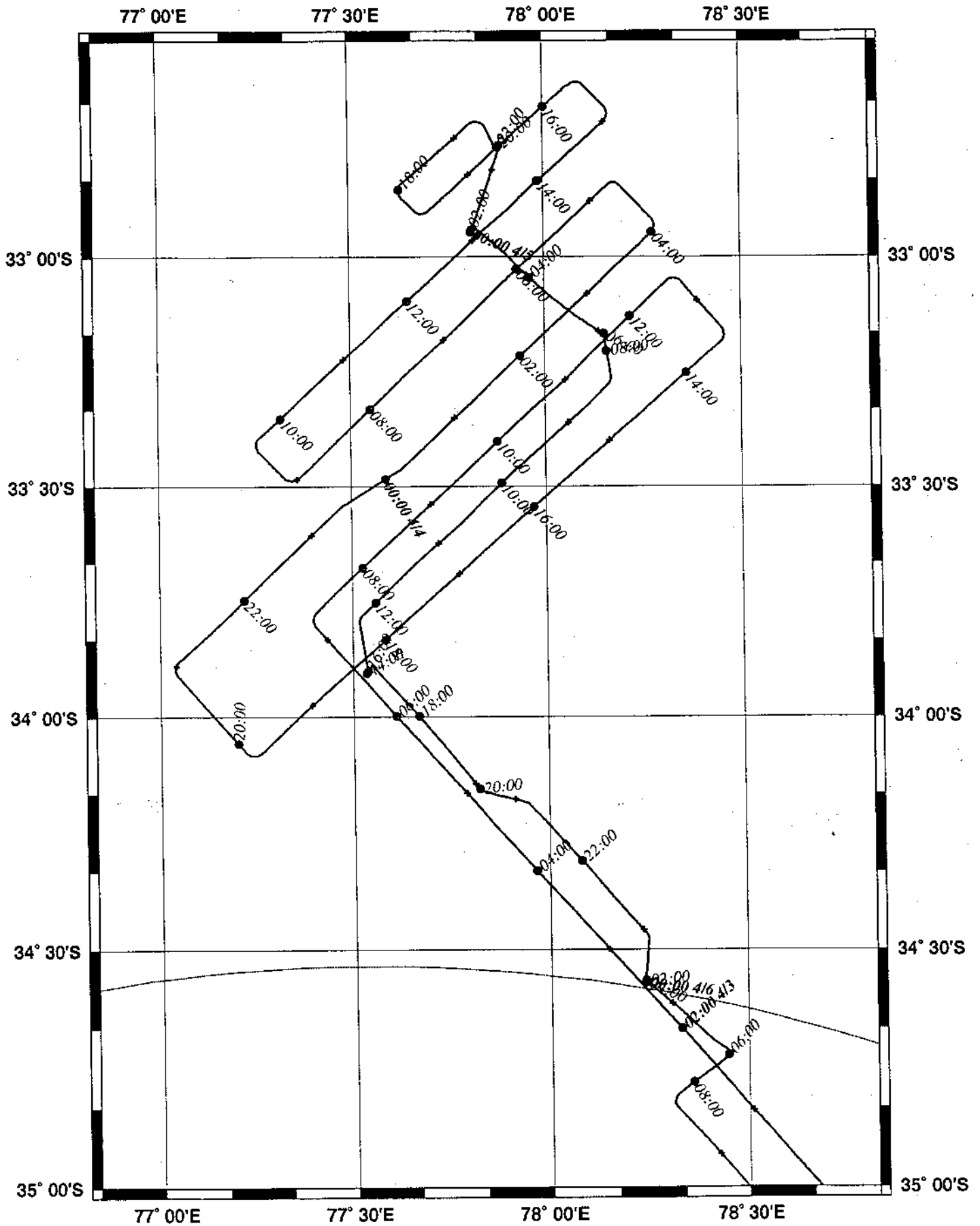
BMRG06MV Segment I2 - I1 - H

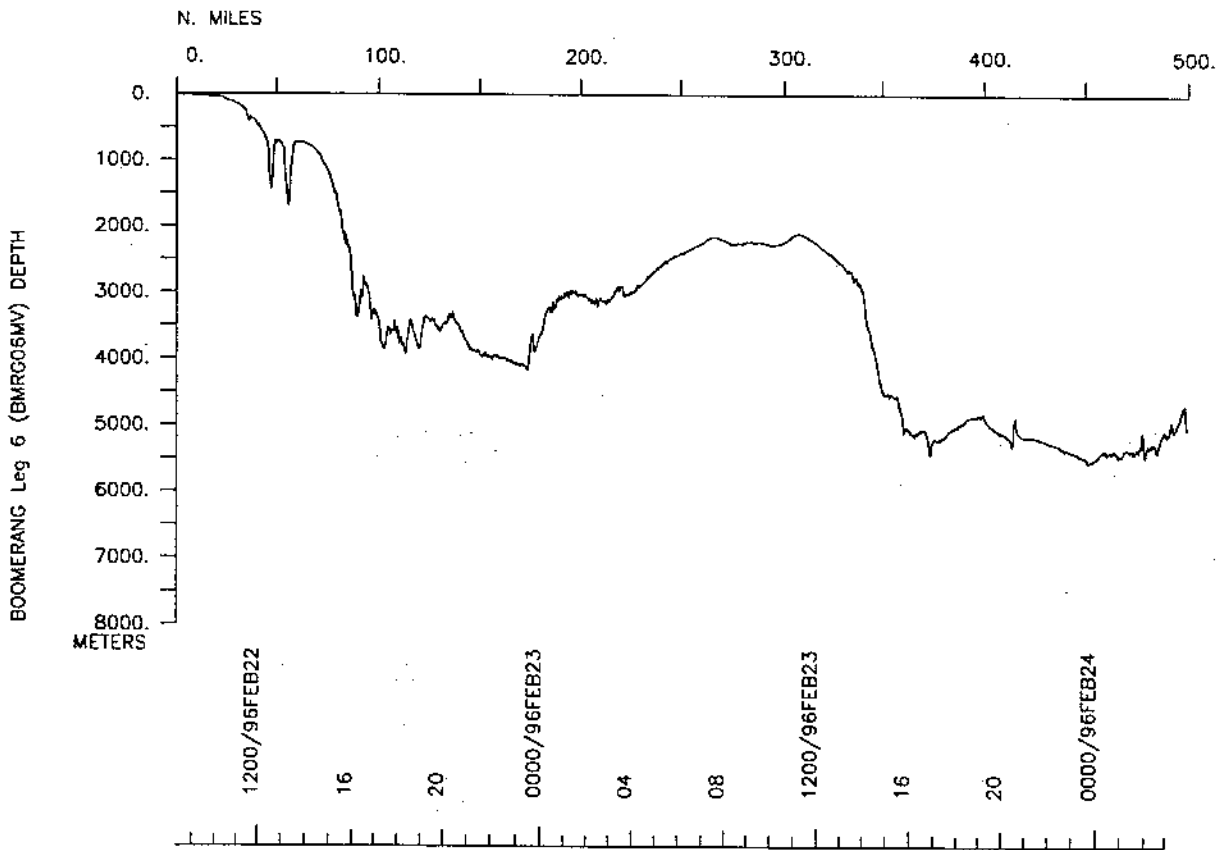
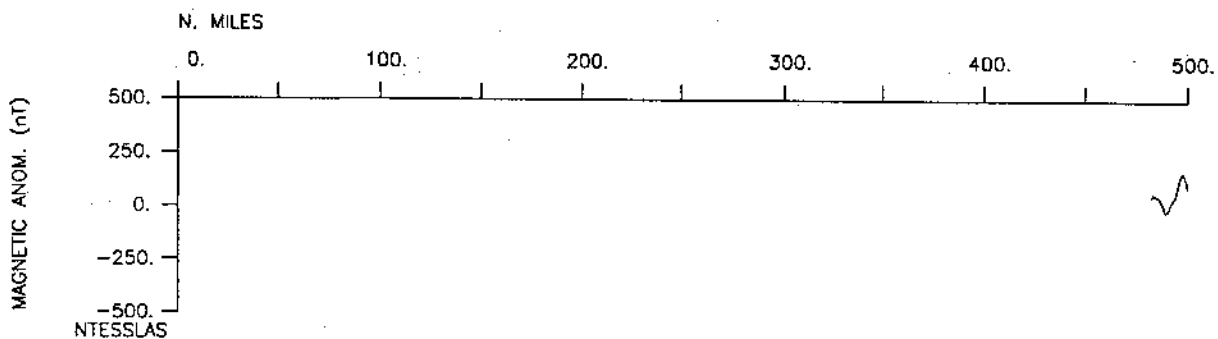
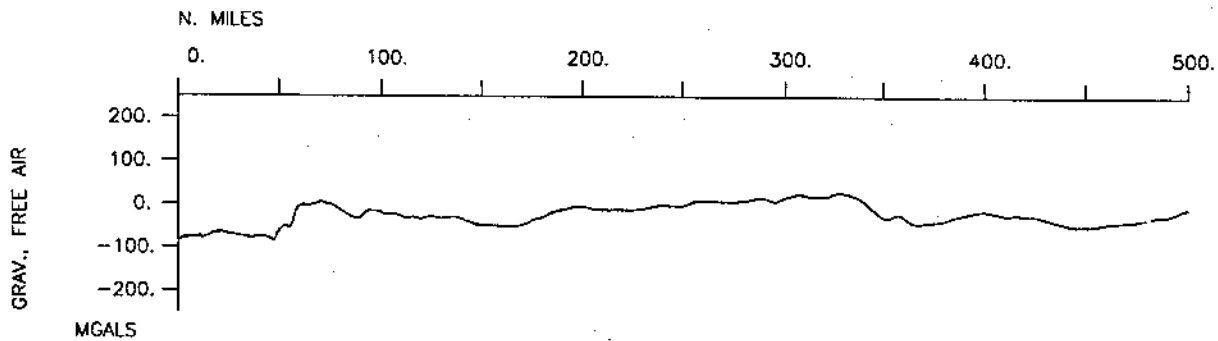


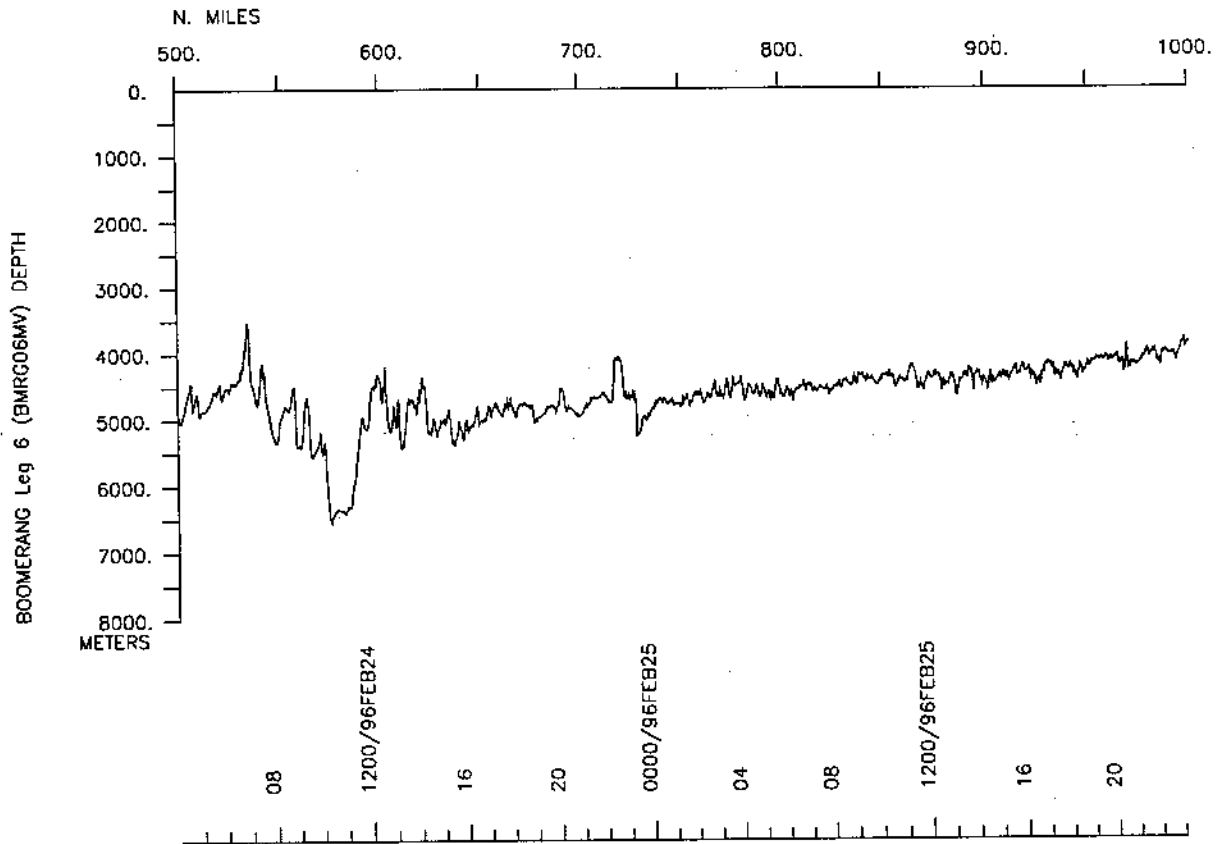
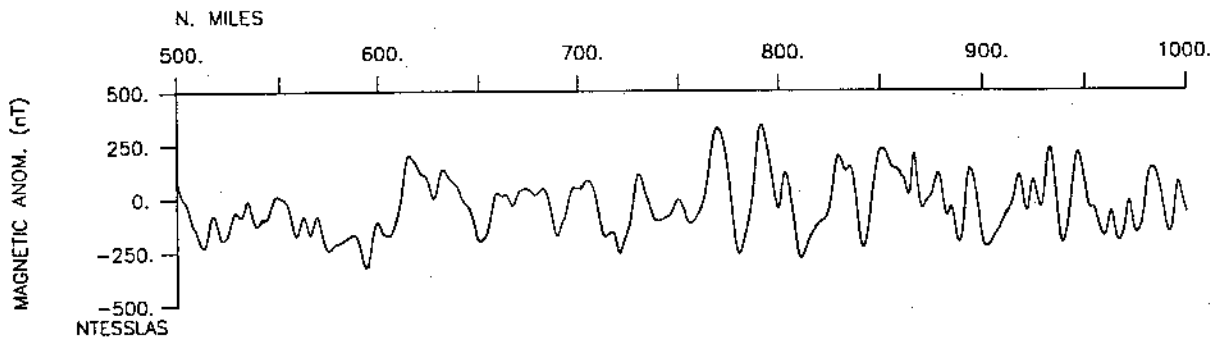
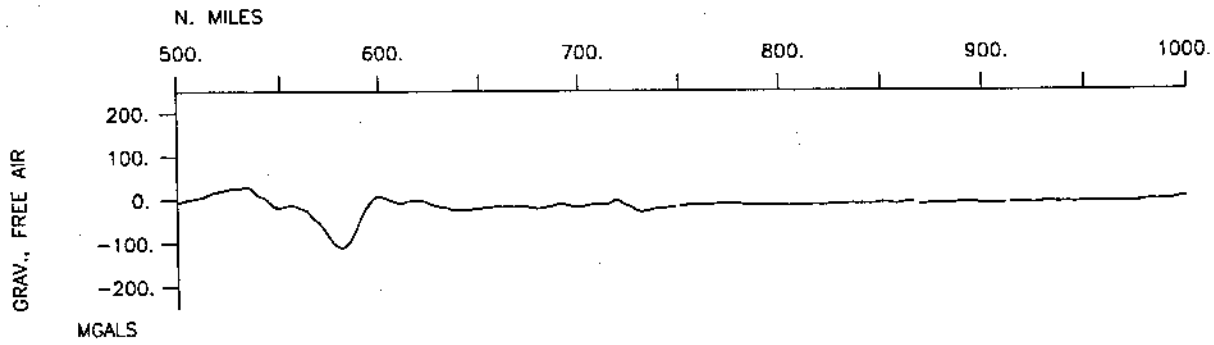
BMRG06MV Segment H

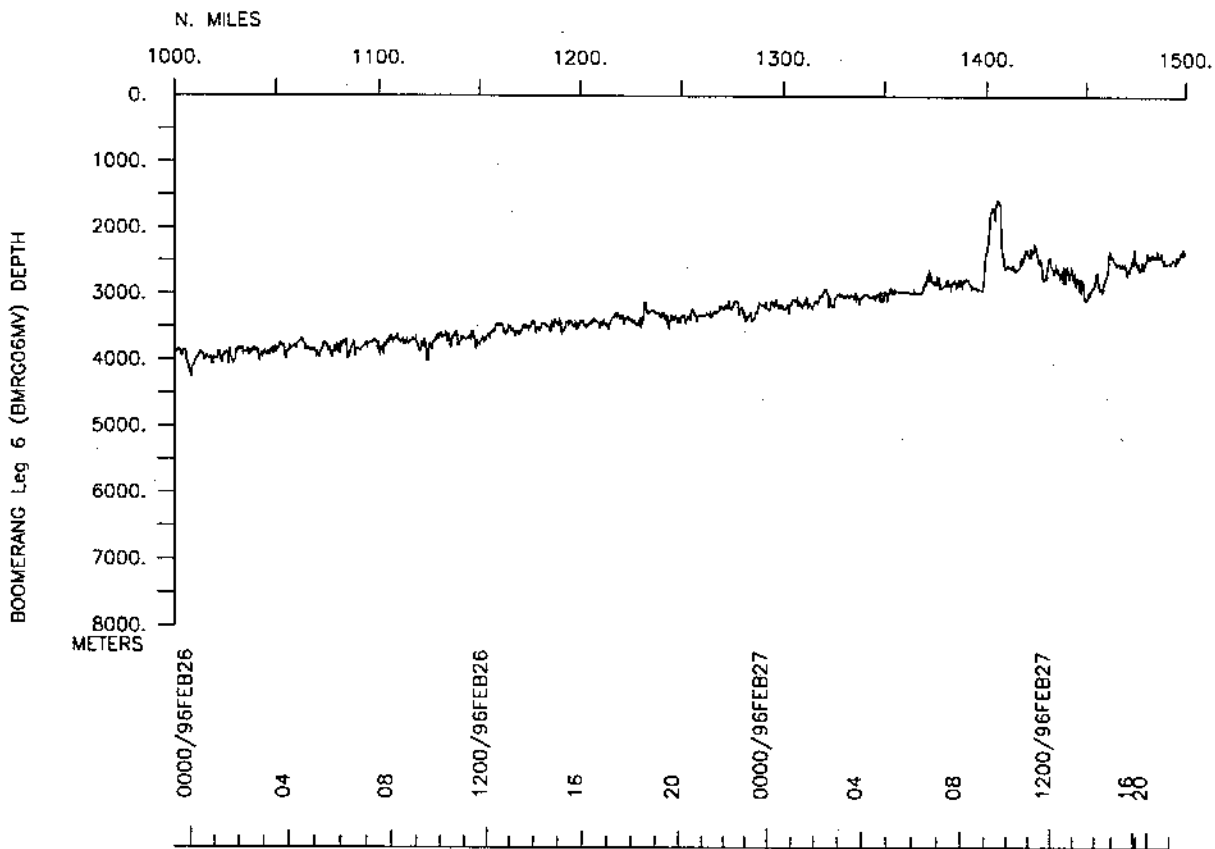
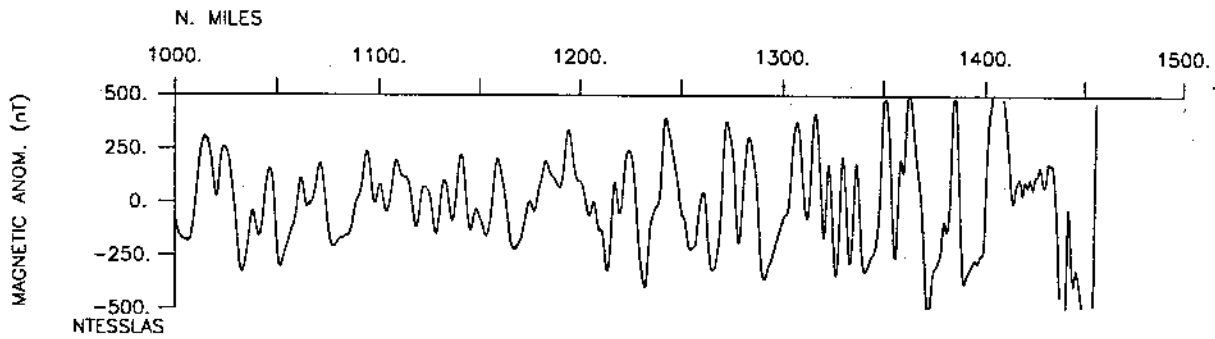
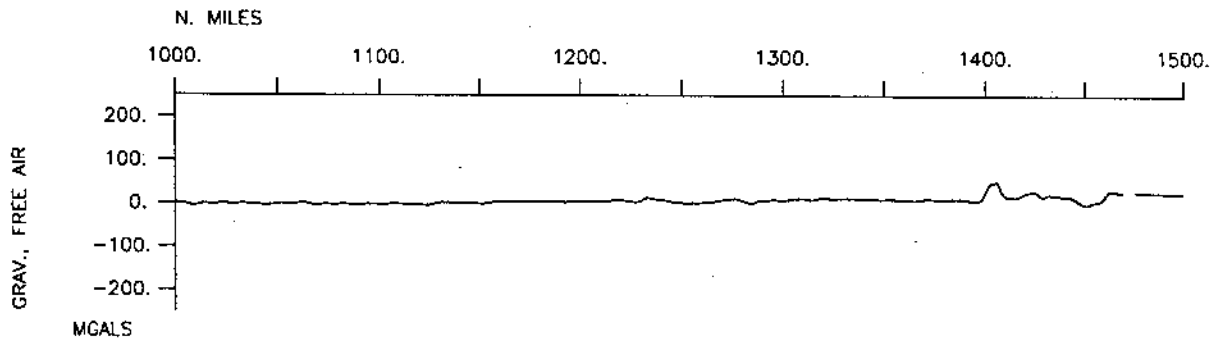


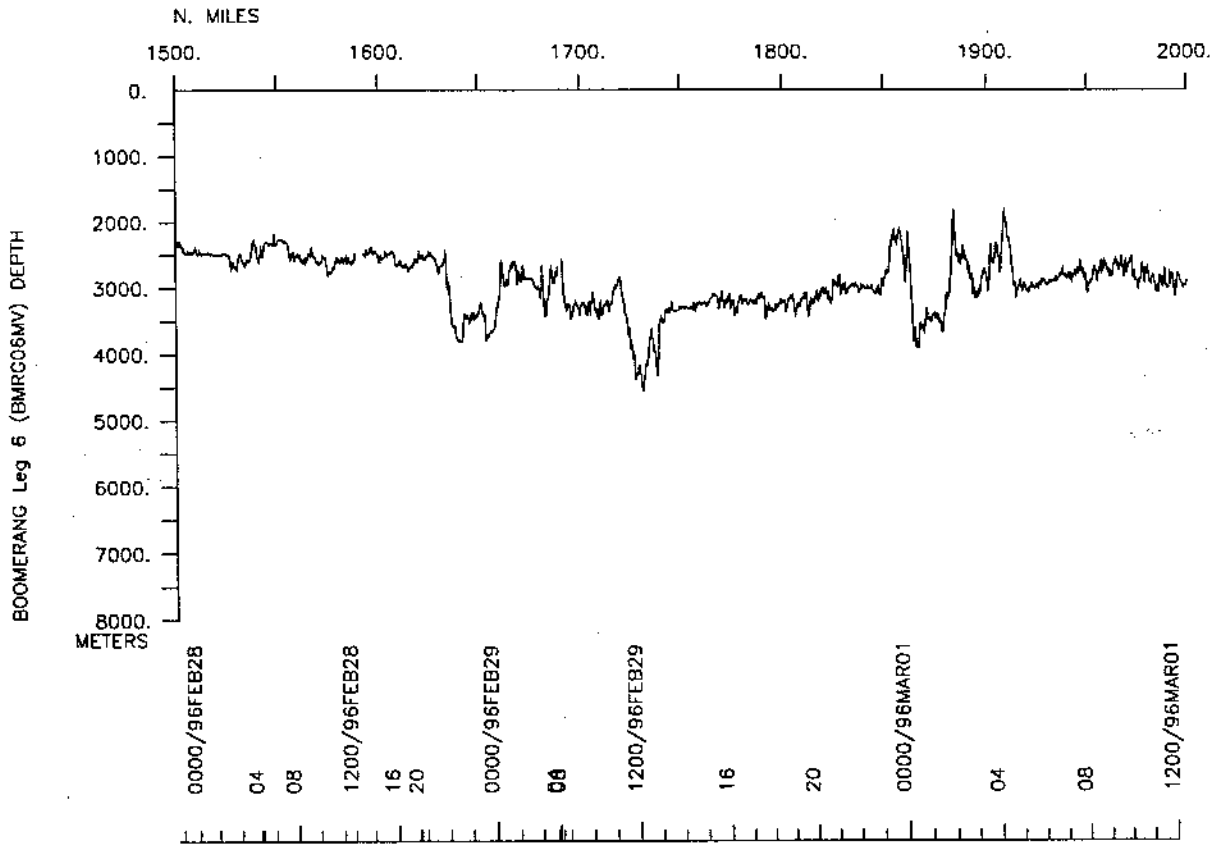
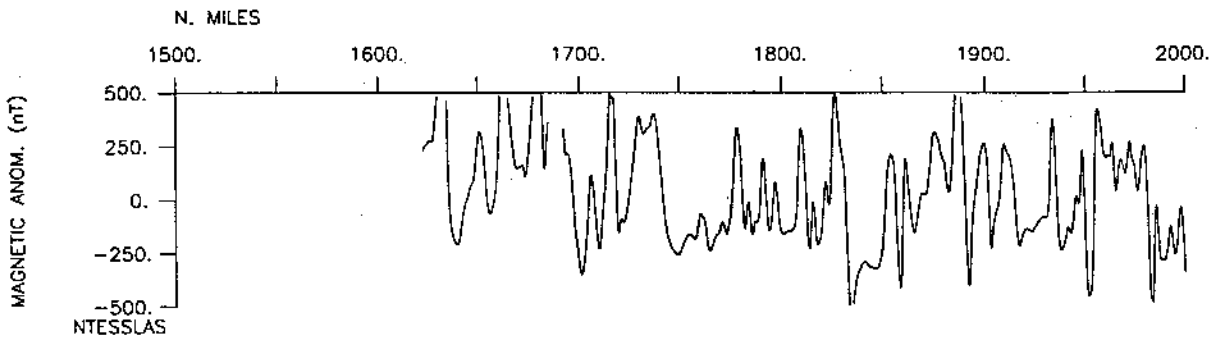
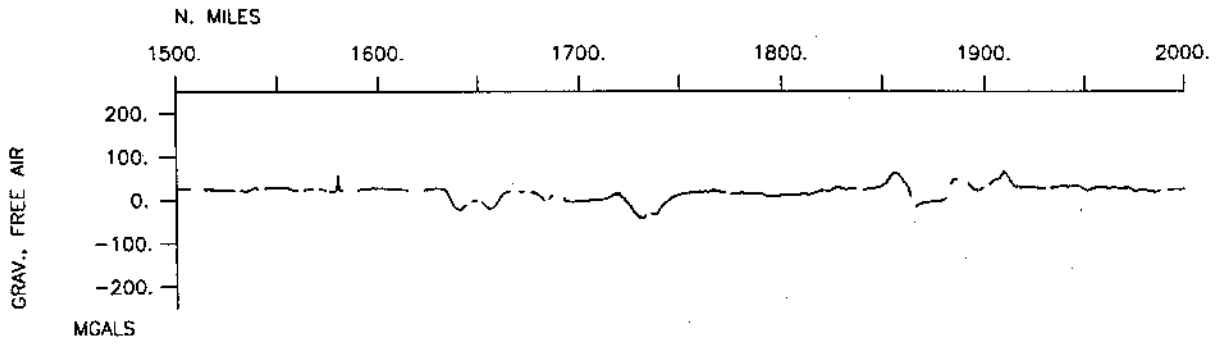
BMRG06MV Segment G

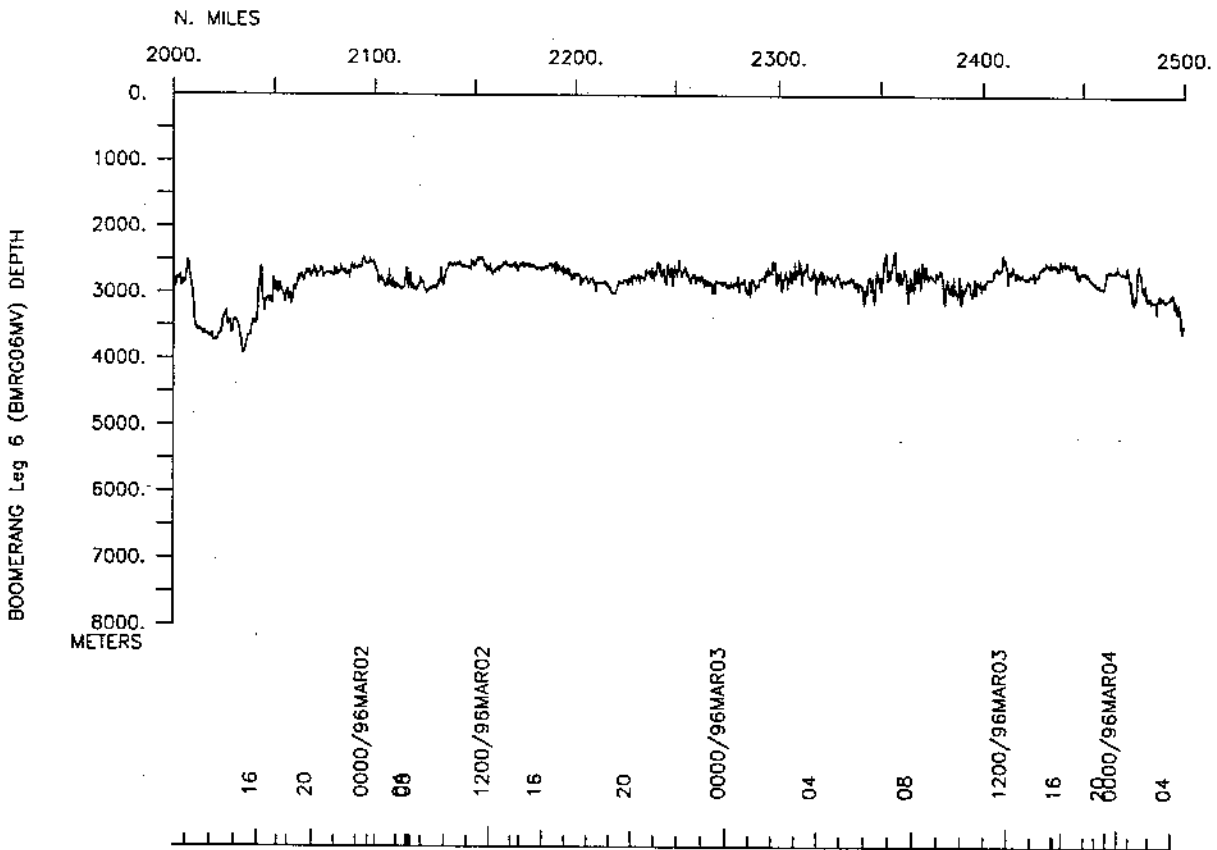
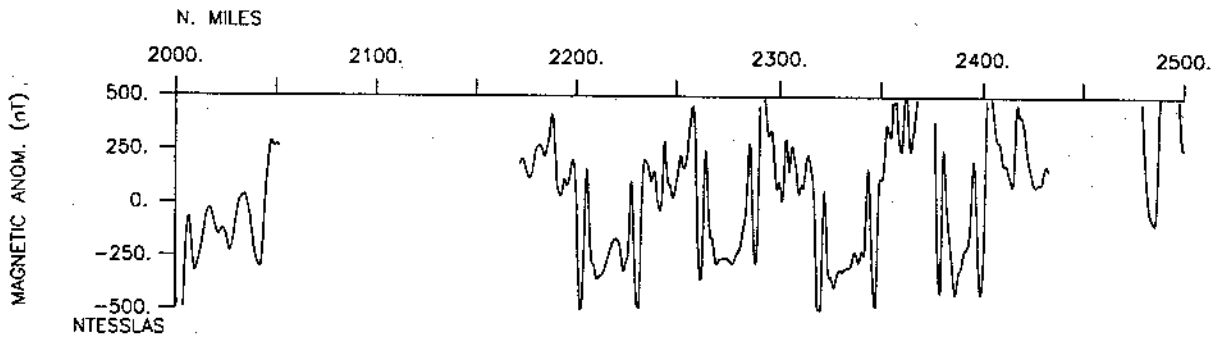
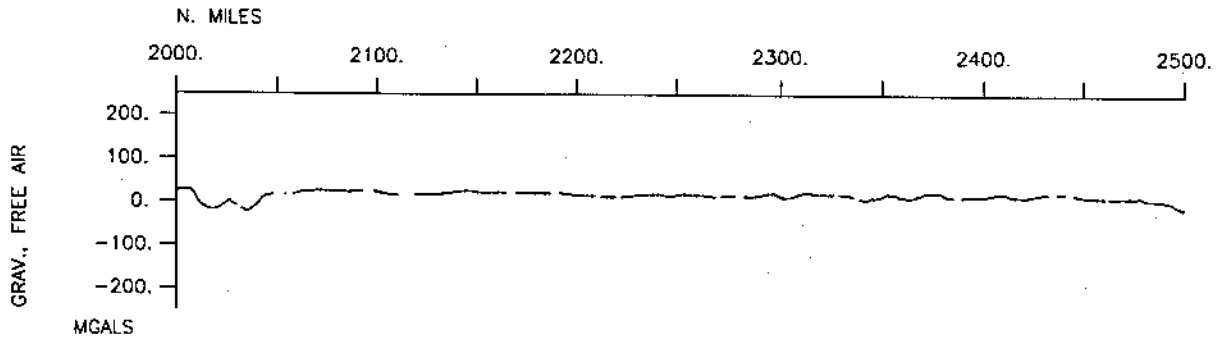


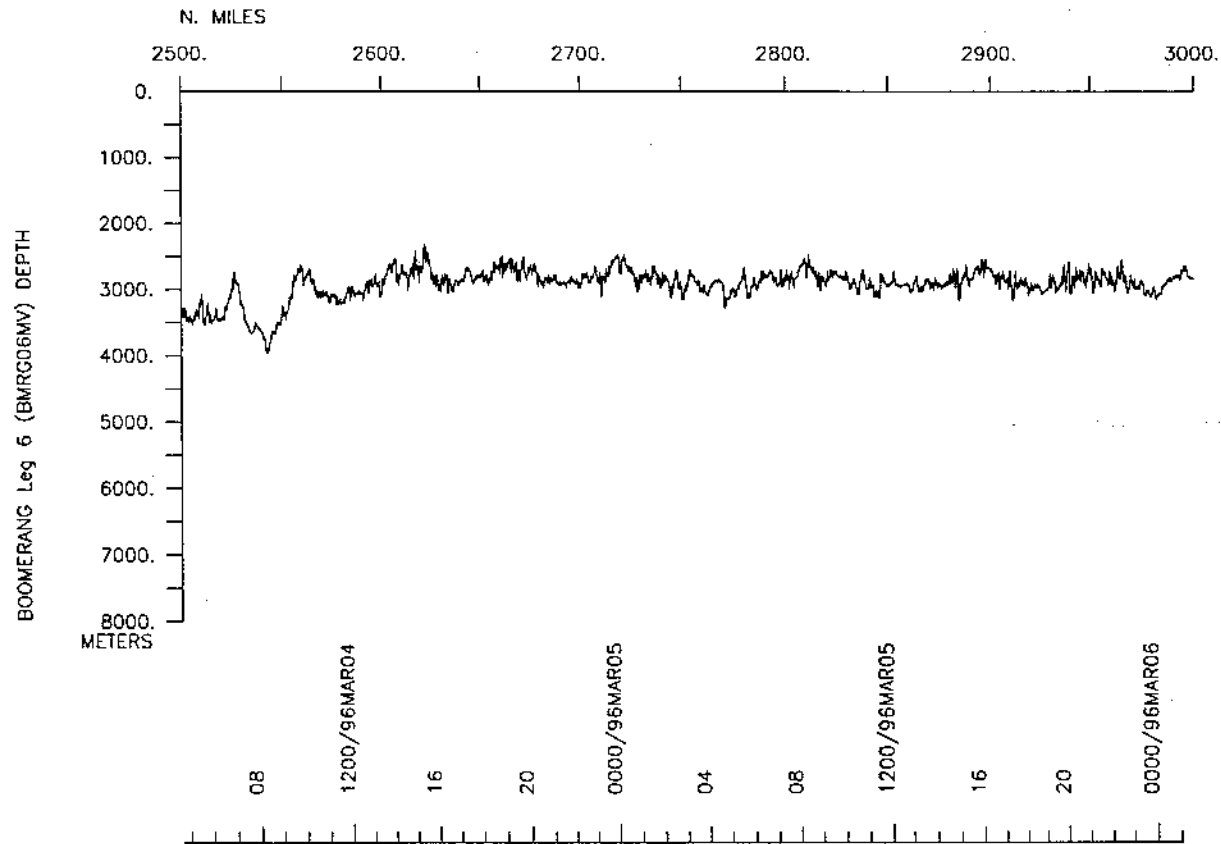
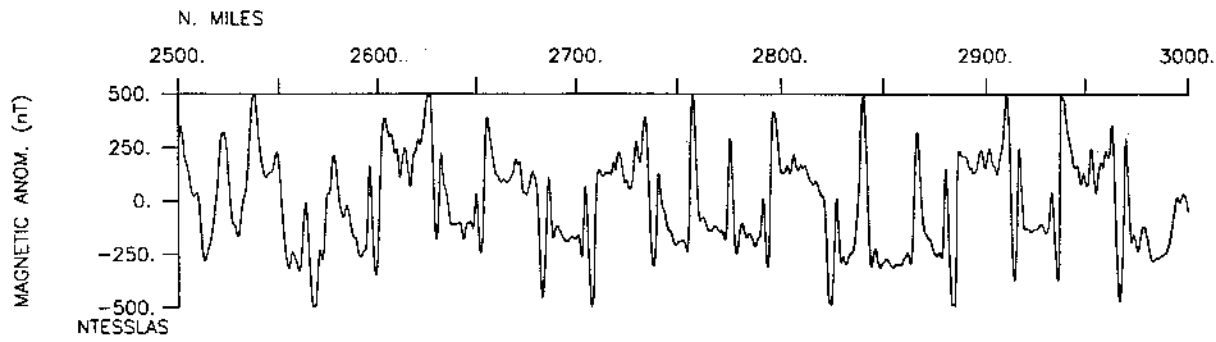
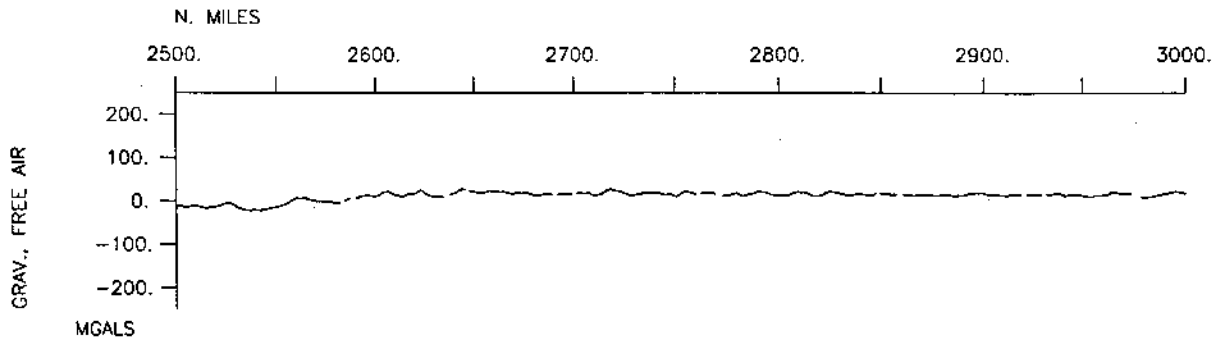


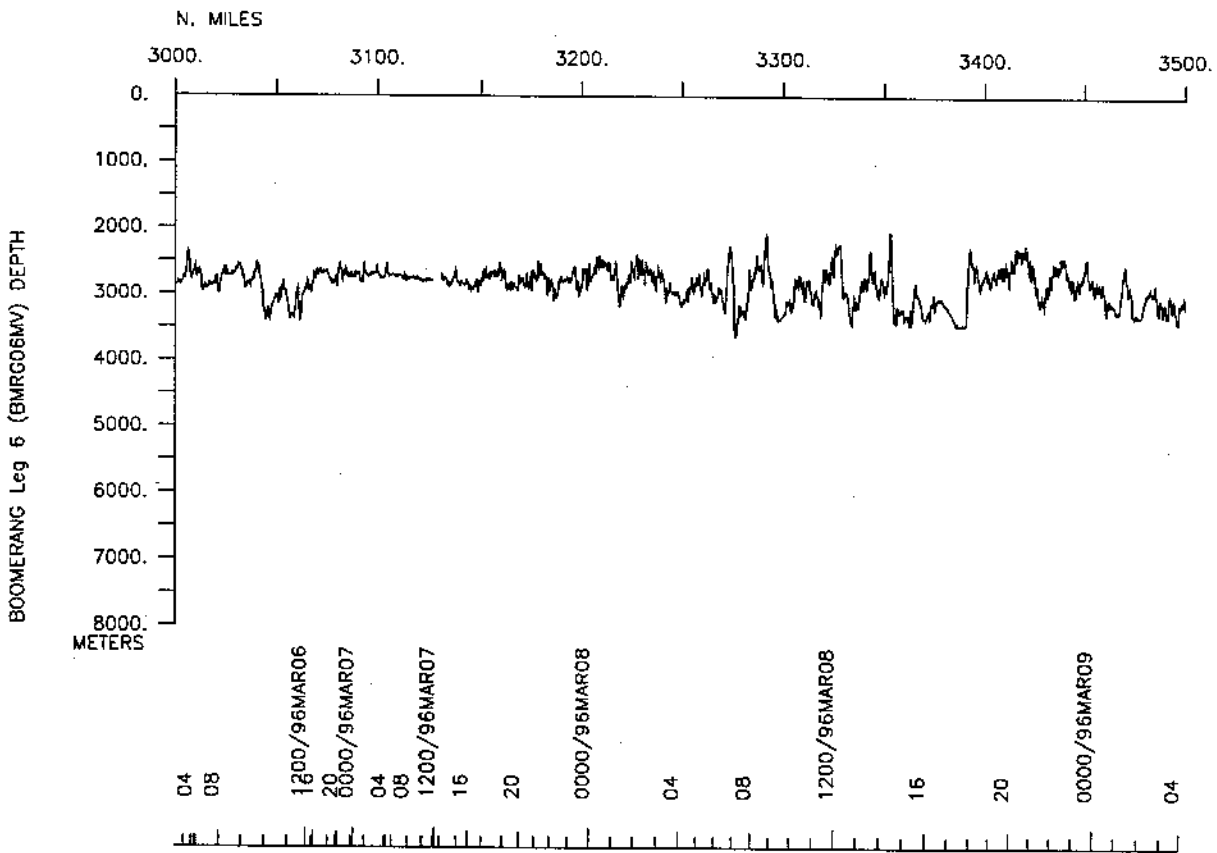
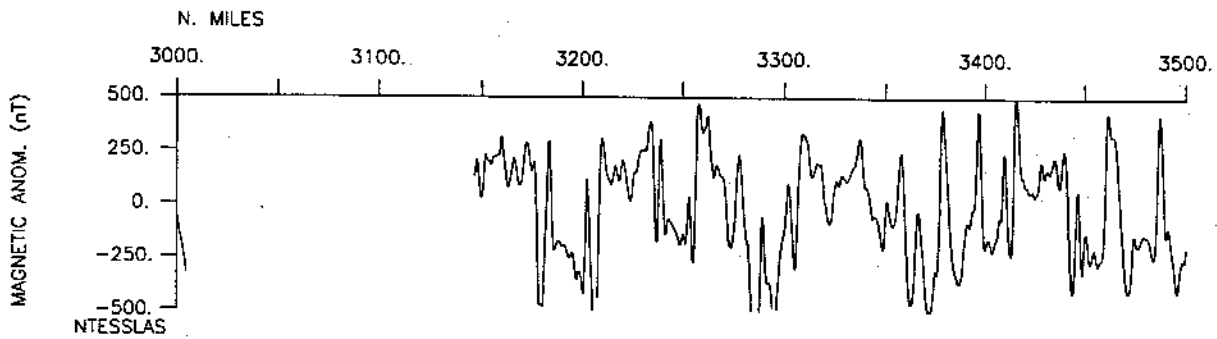
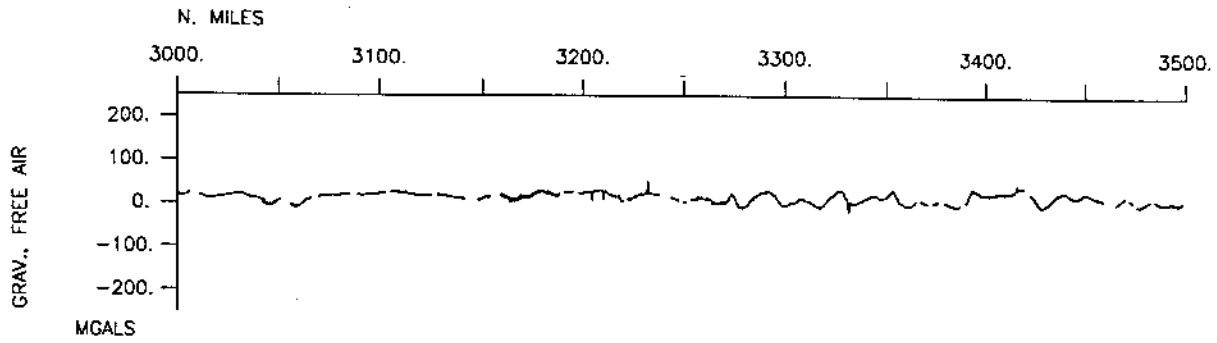


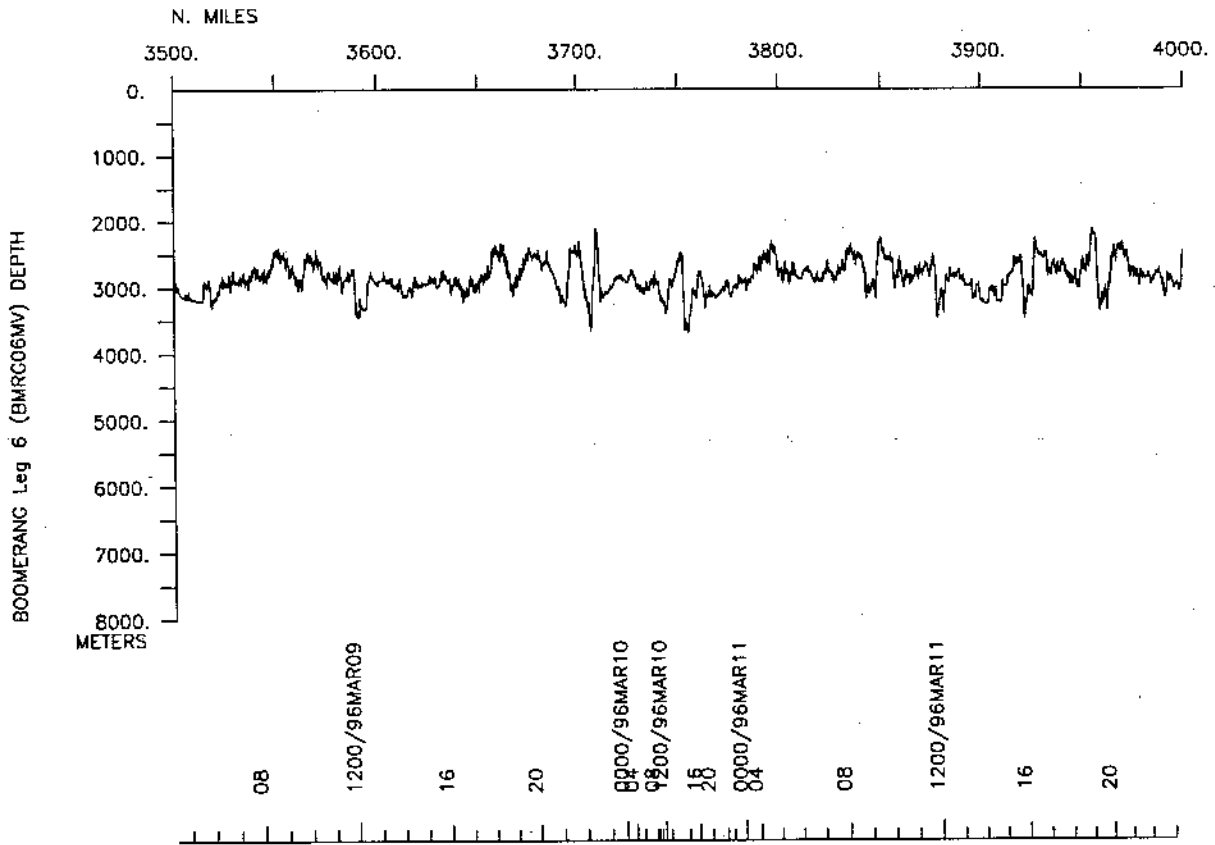
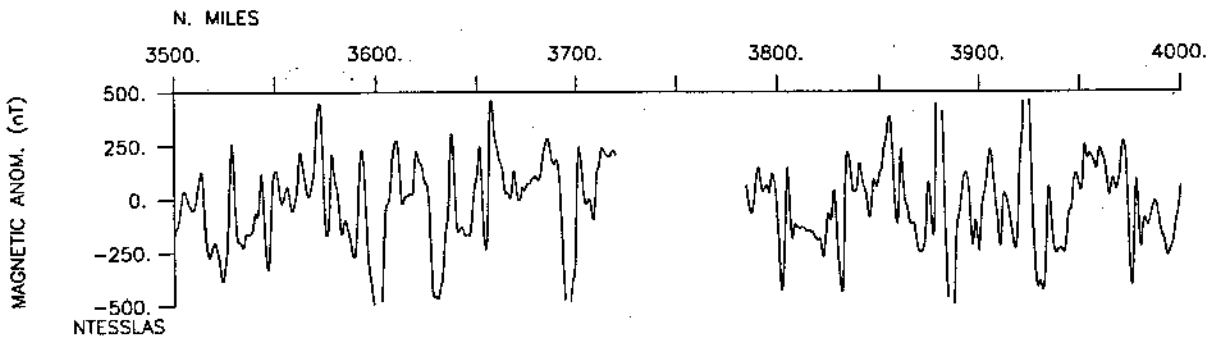
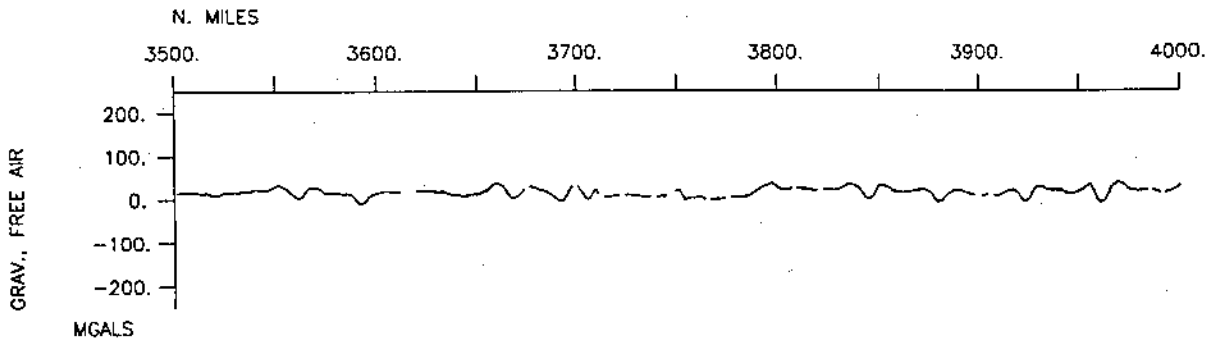


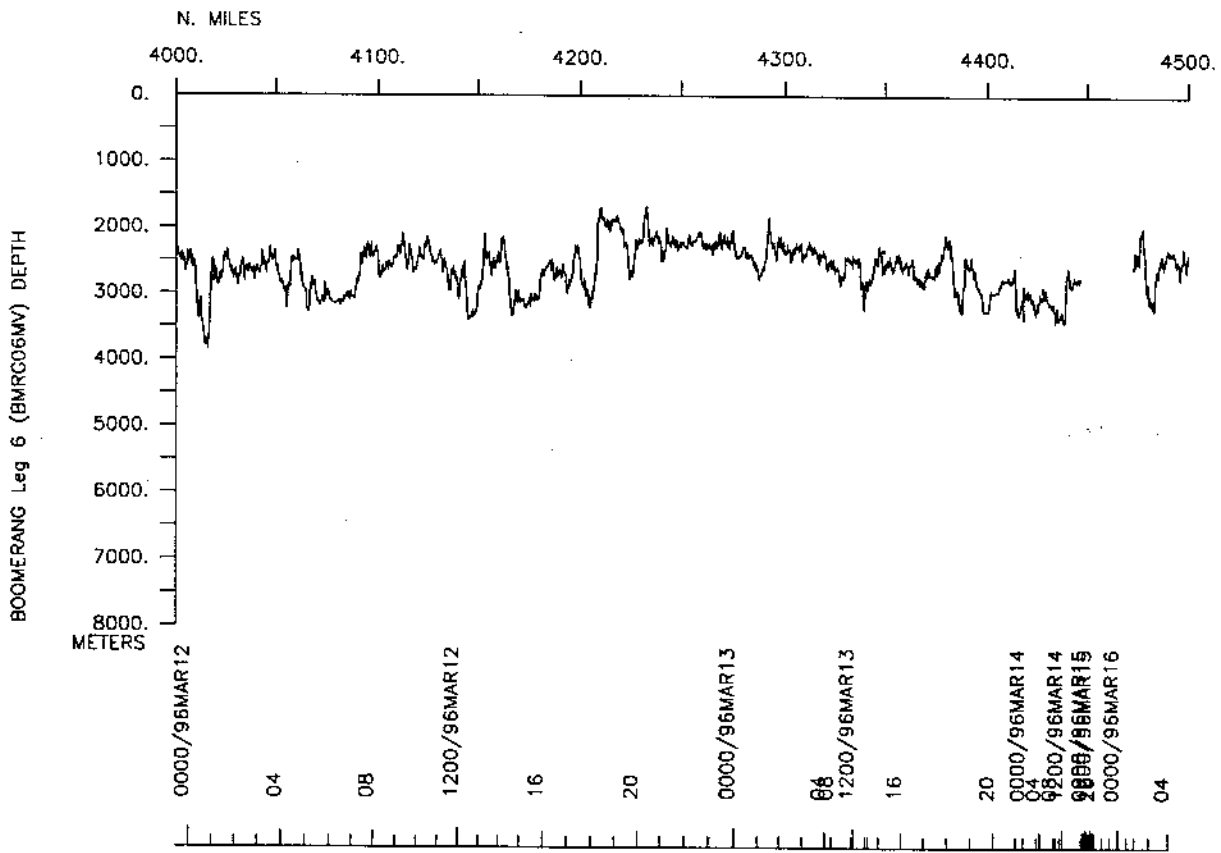
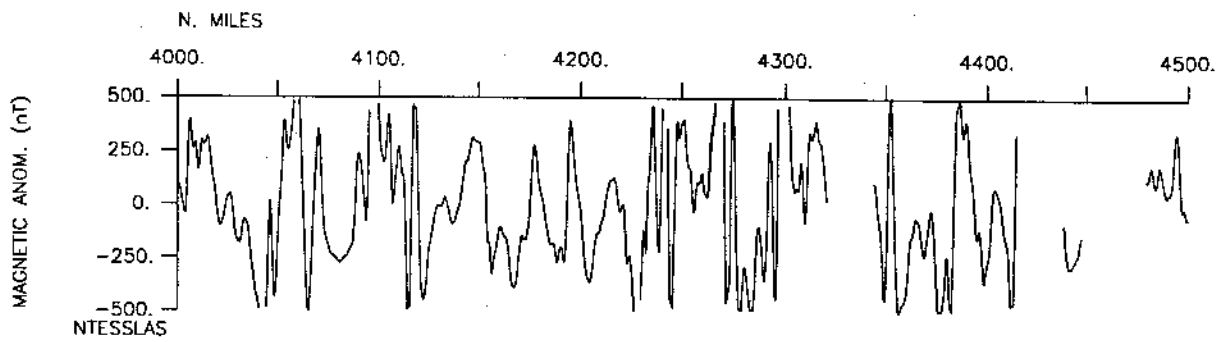
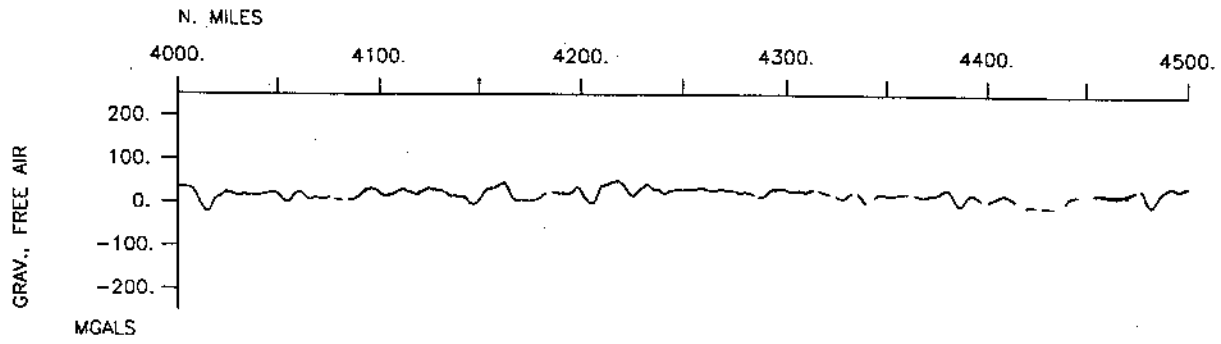


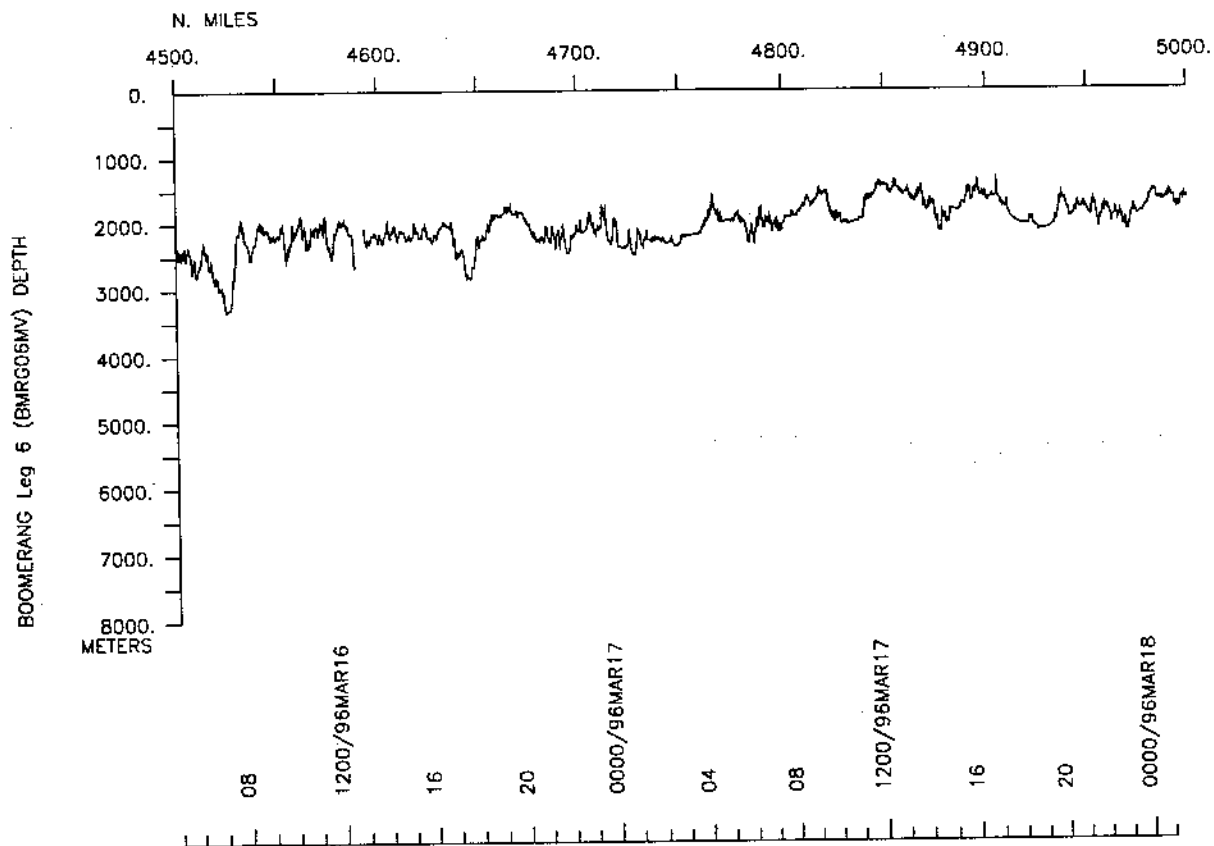
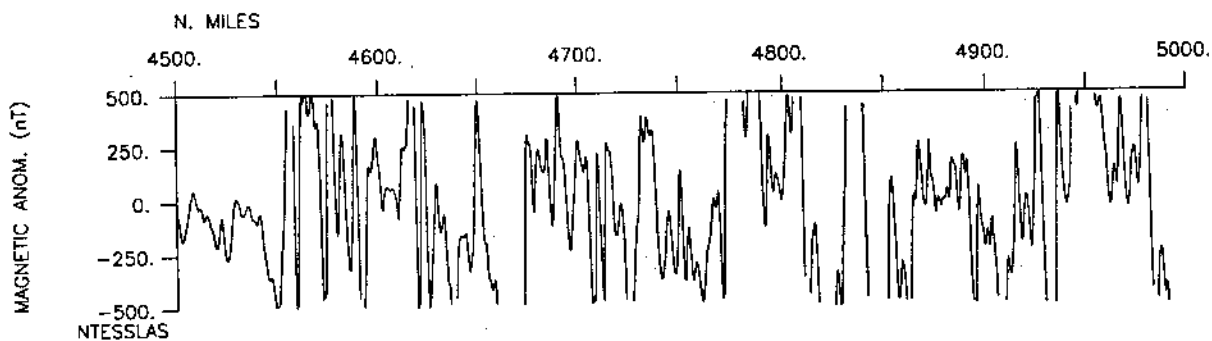
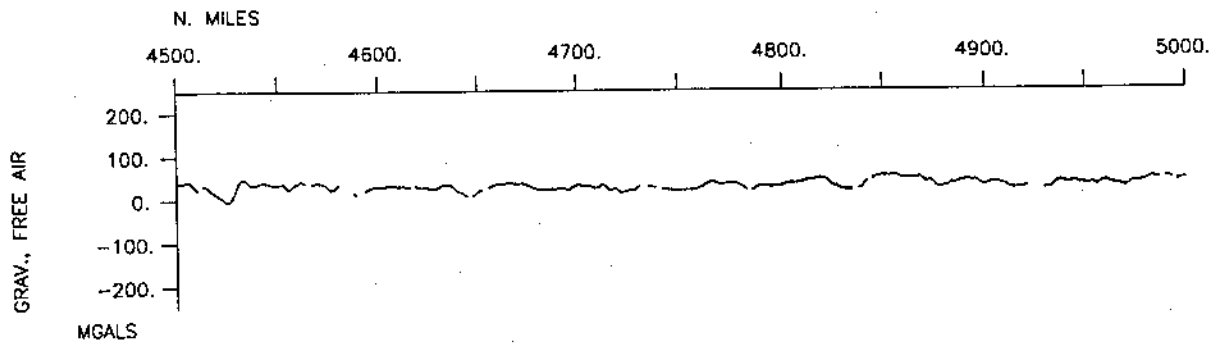


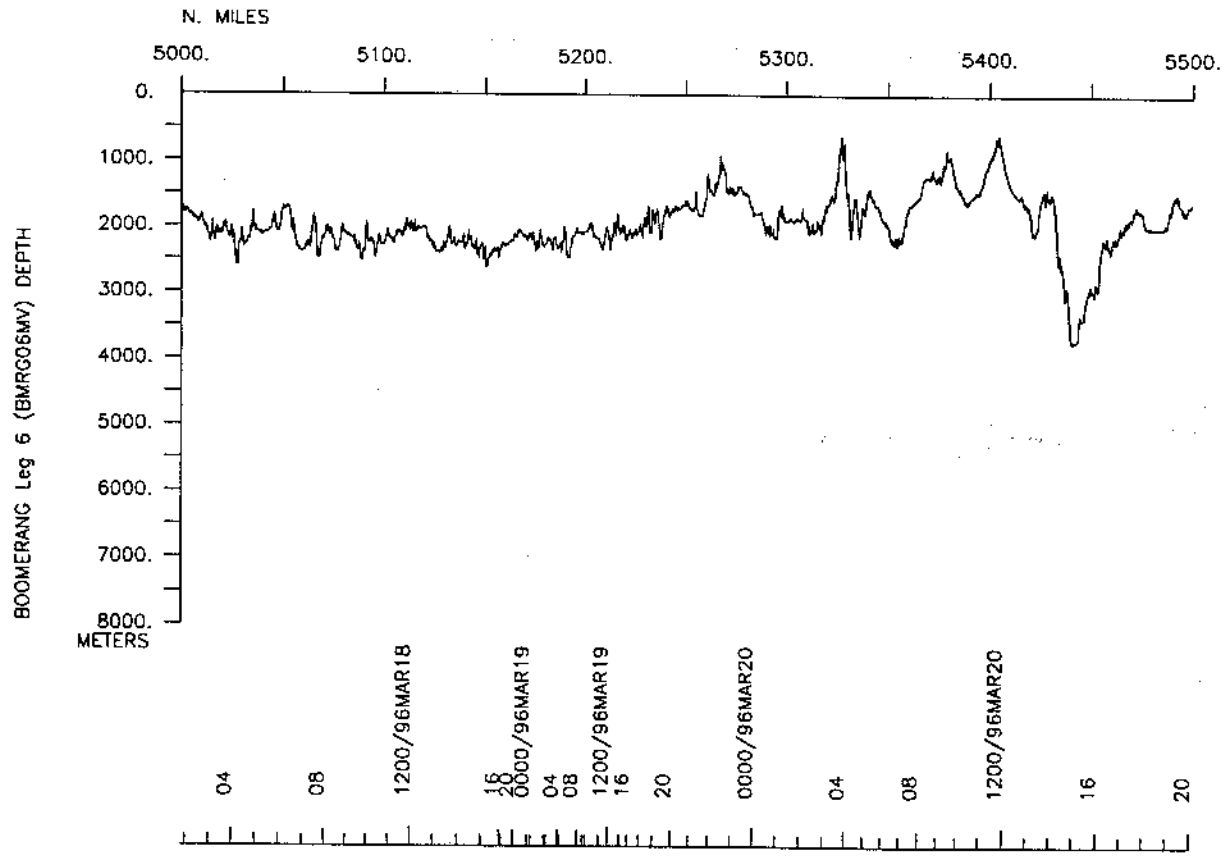
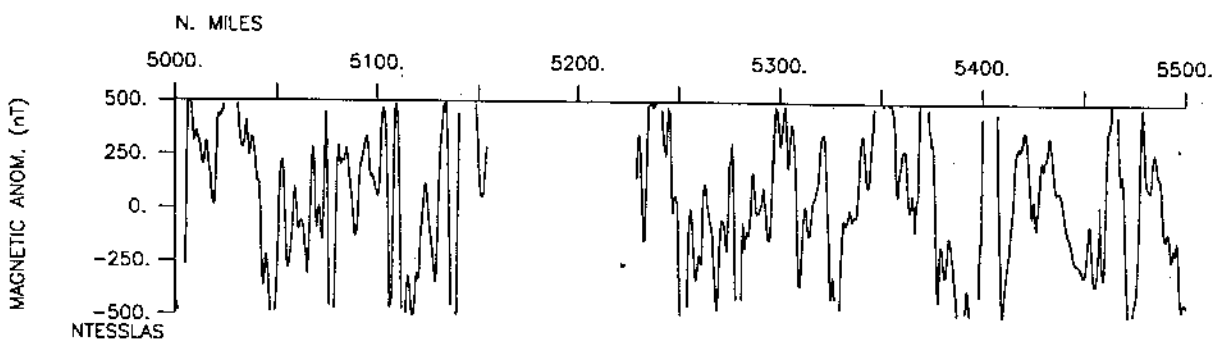
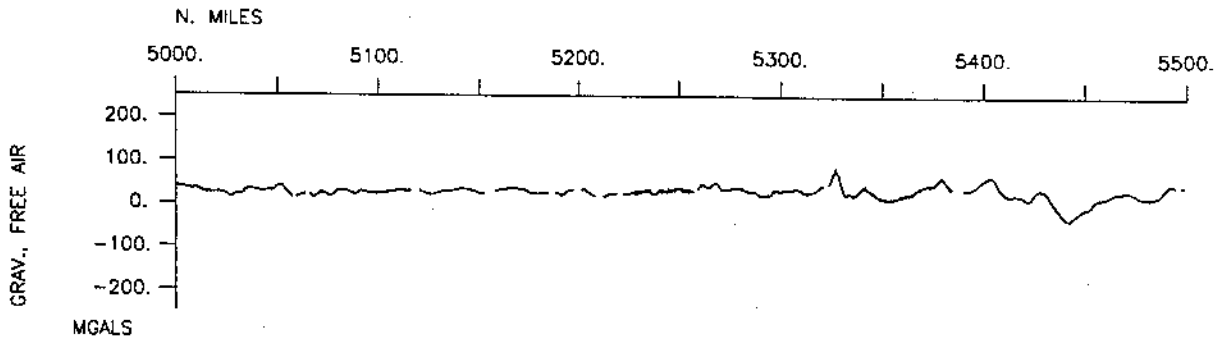


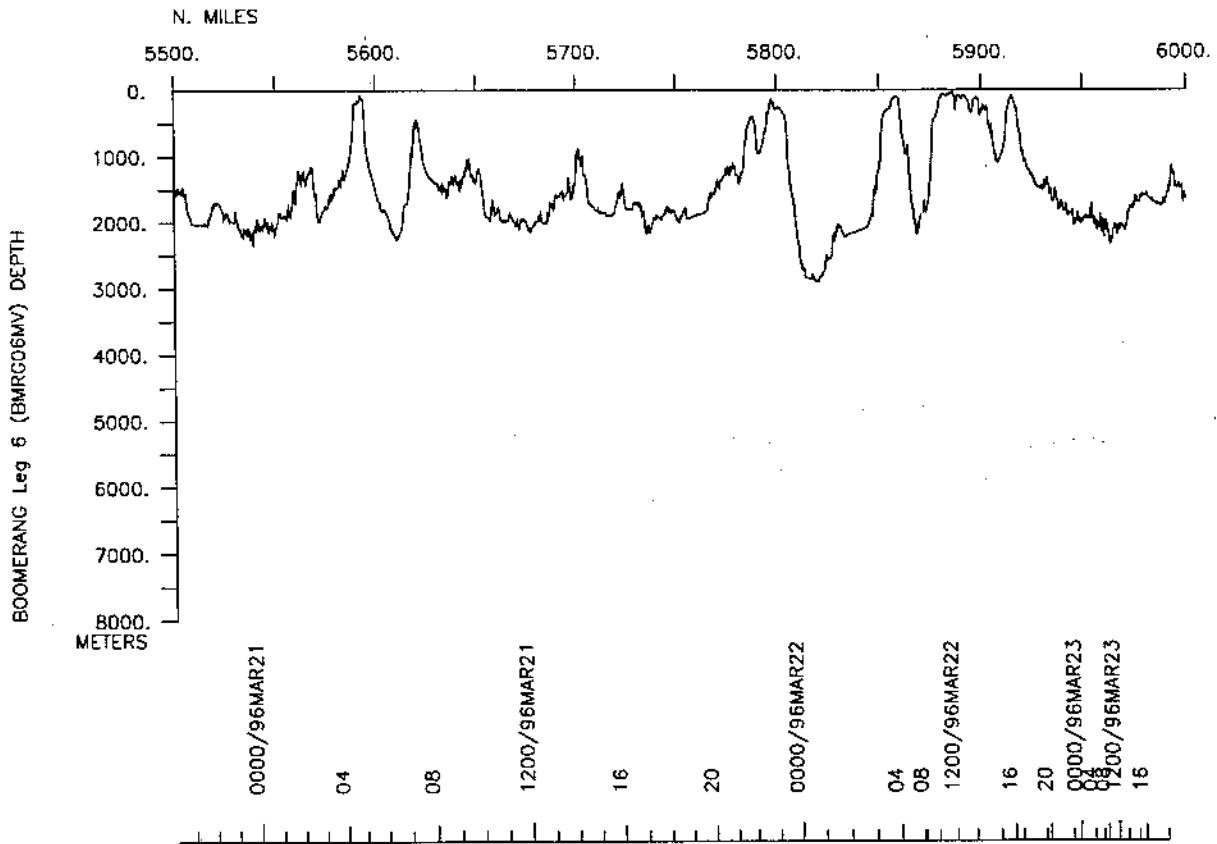
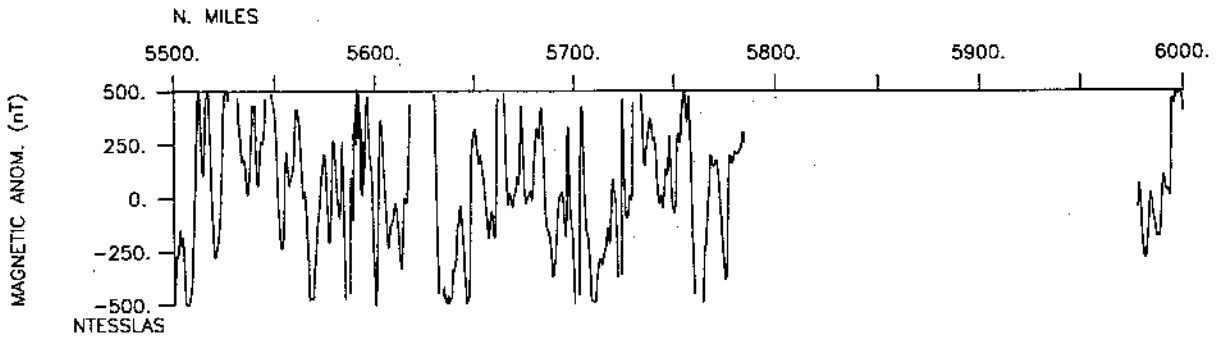
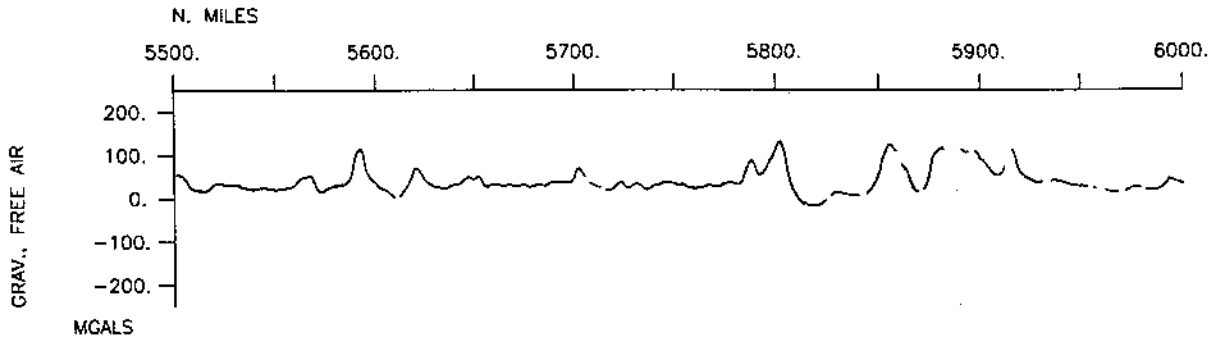


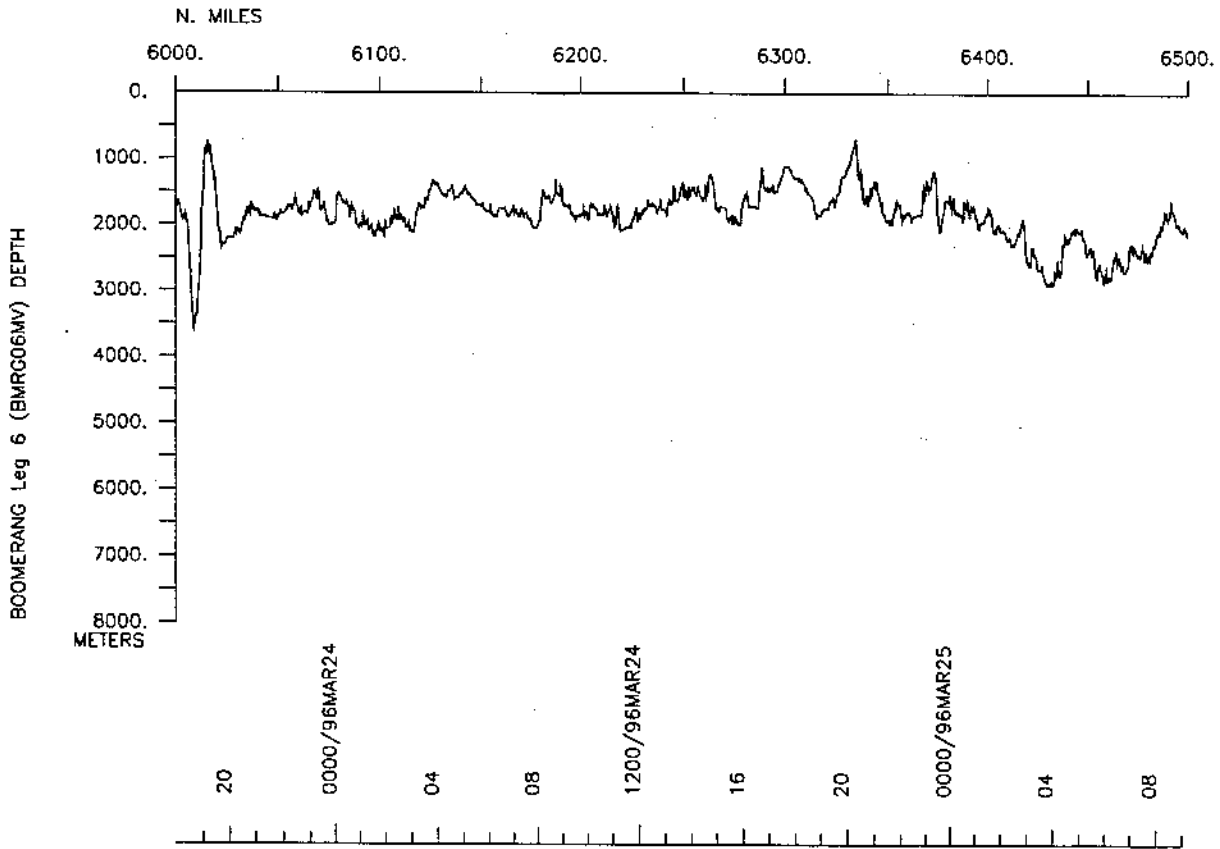
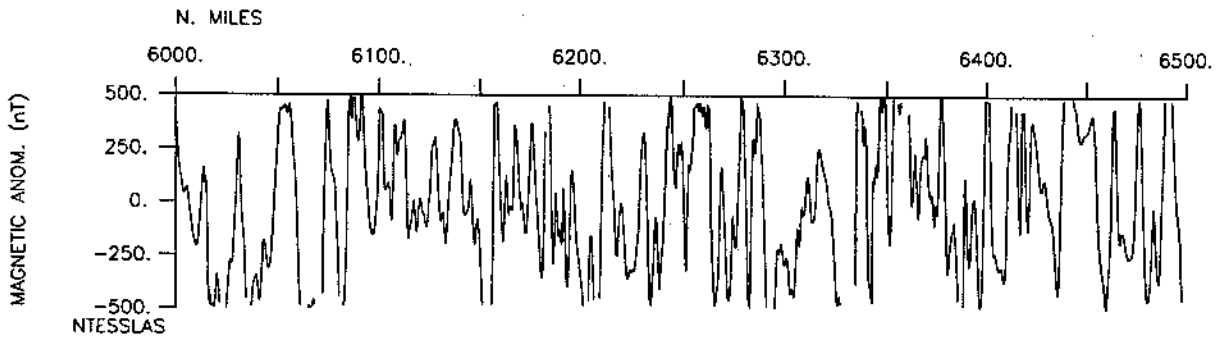
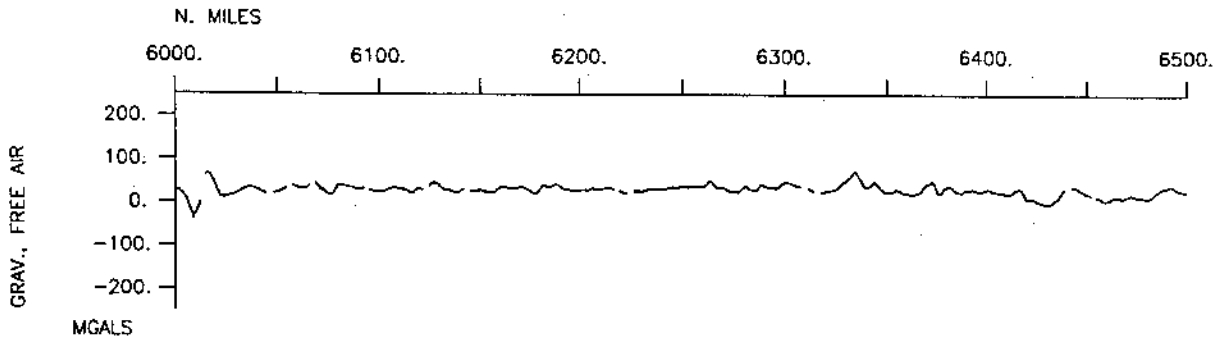


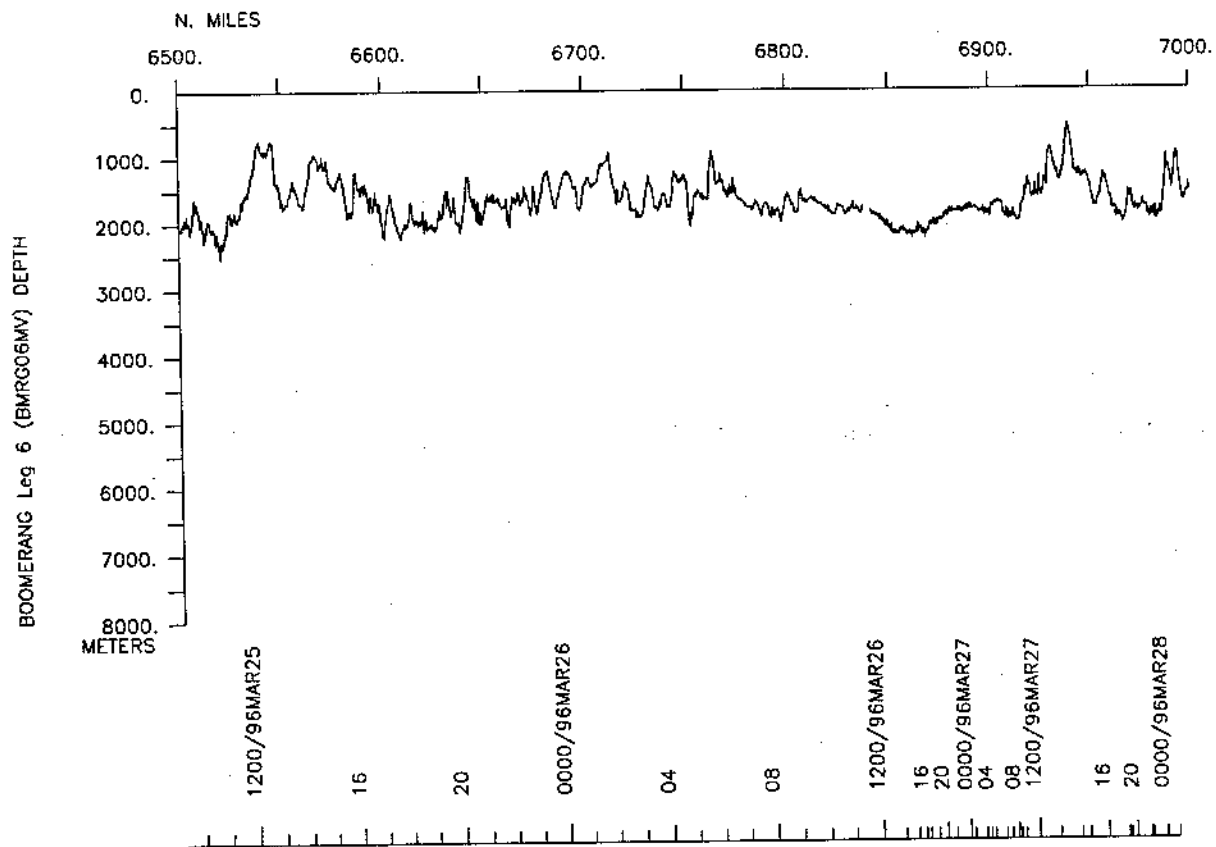
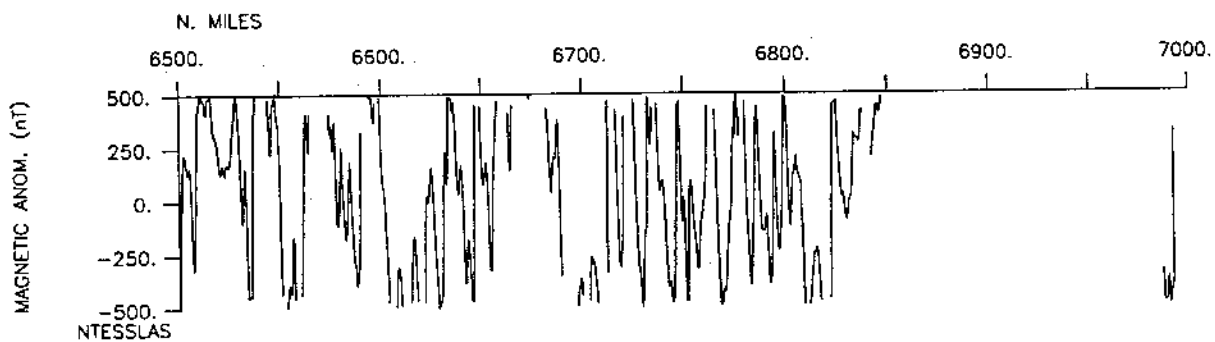
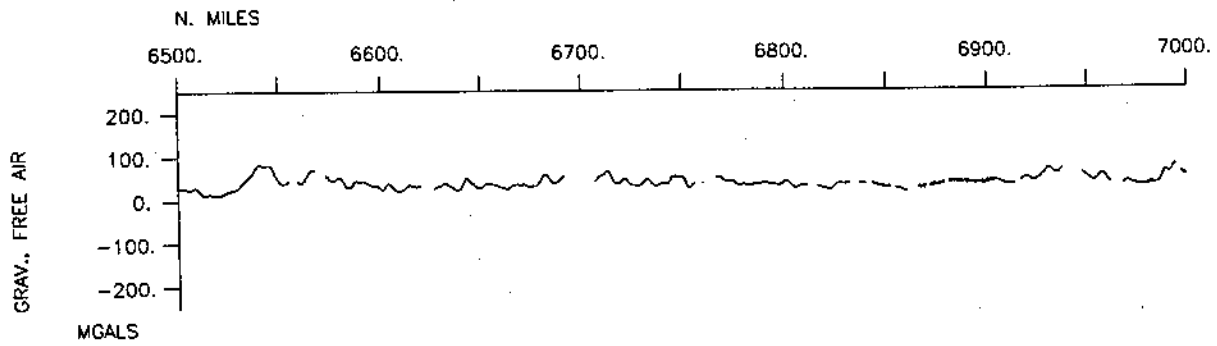


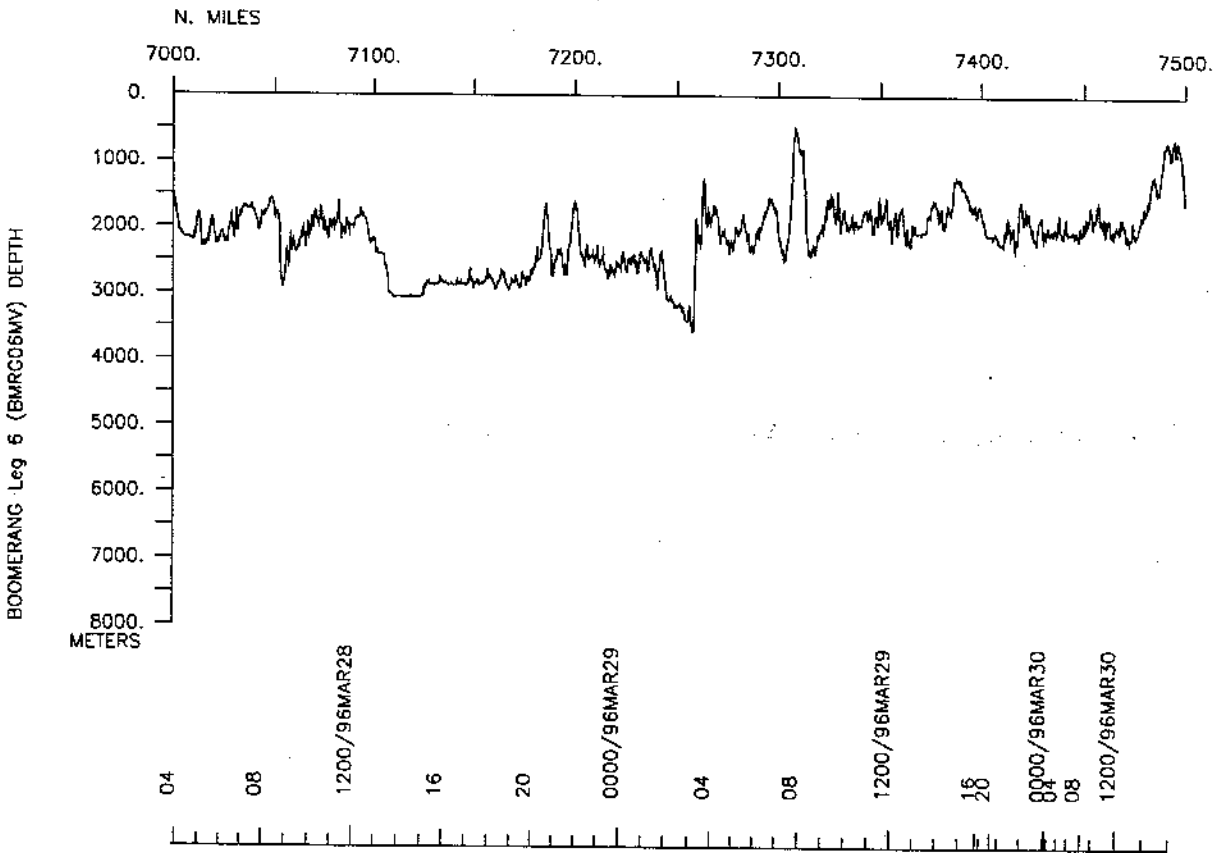
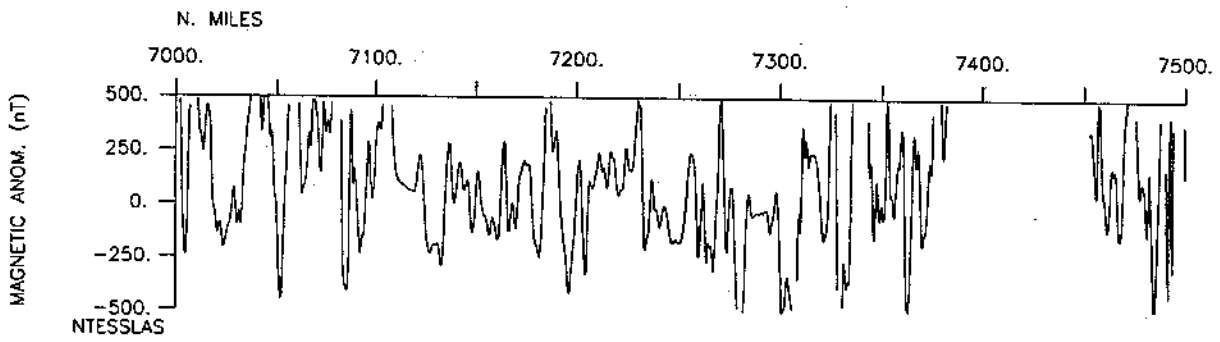
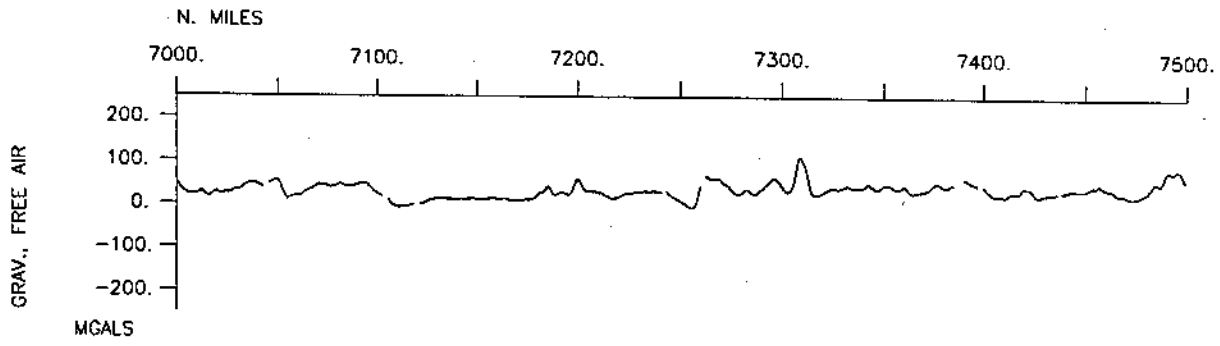


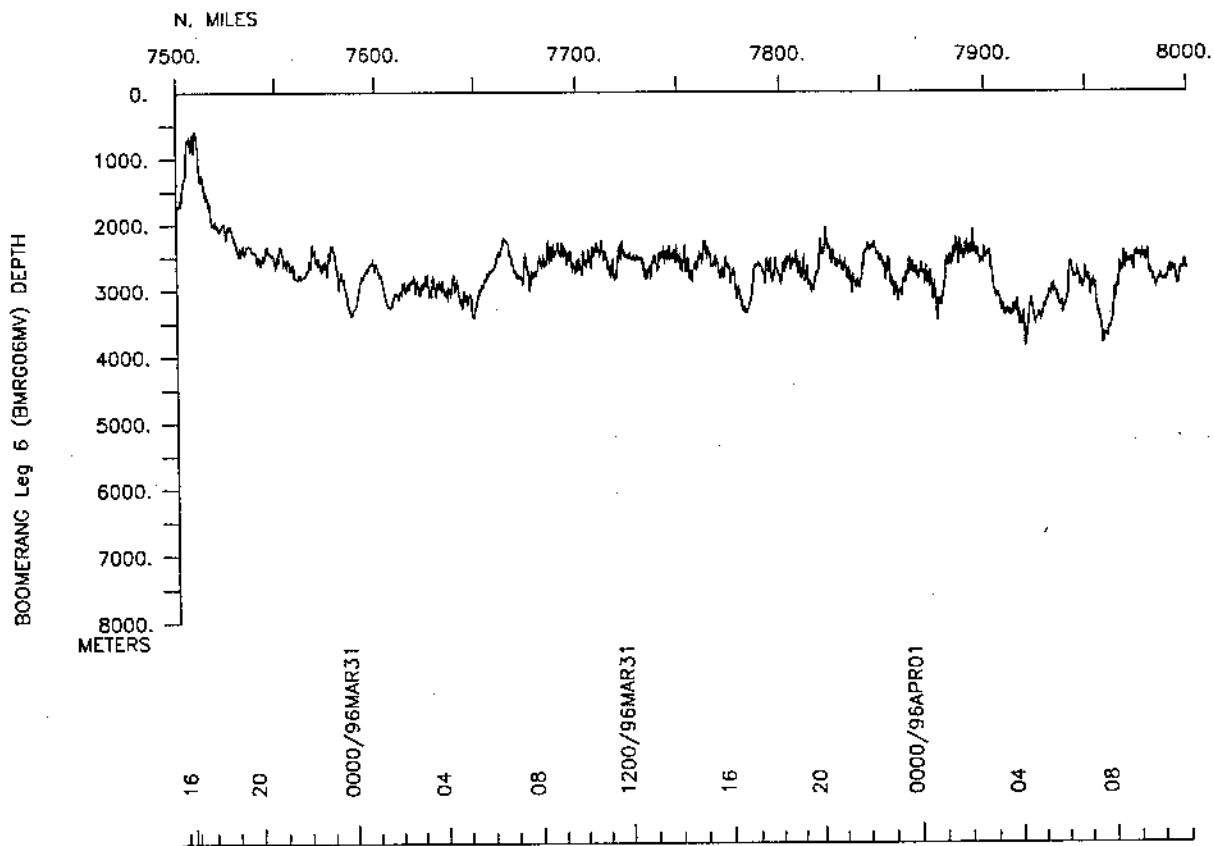
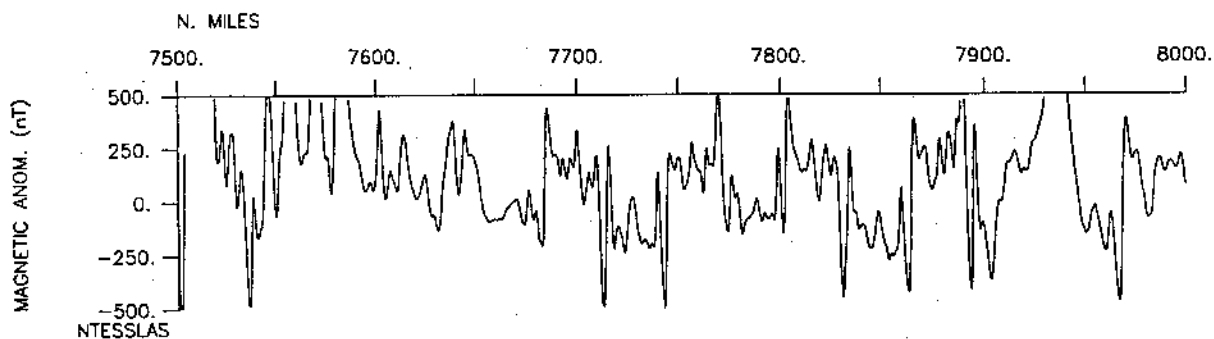
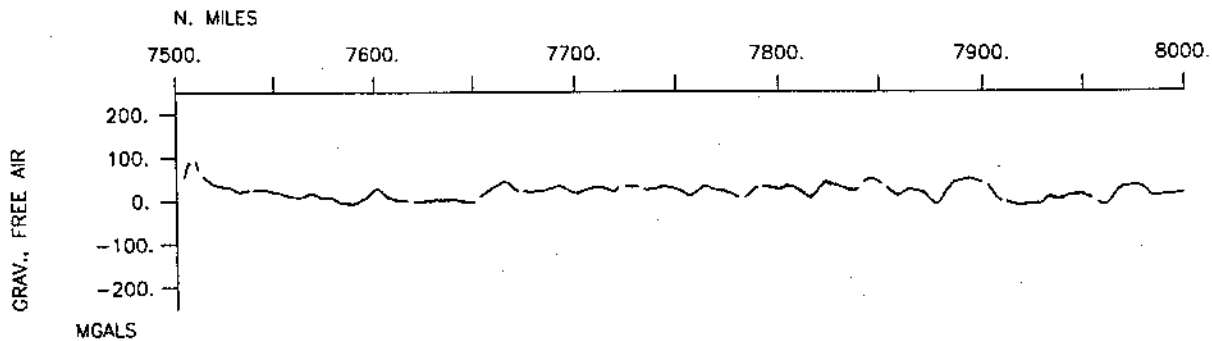


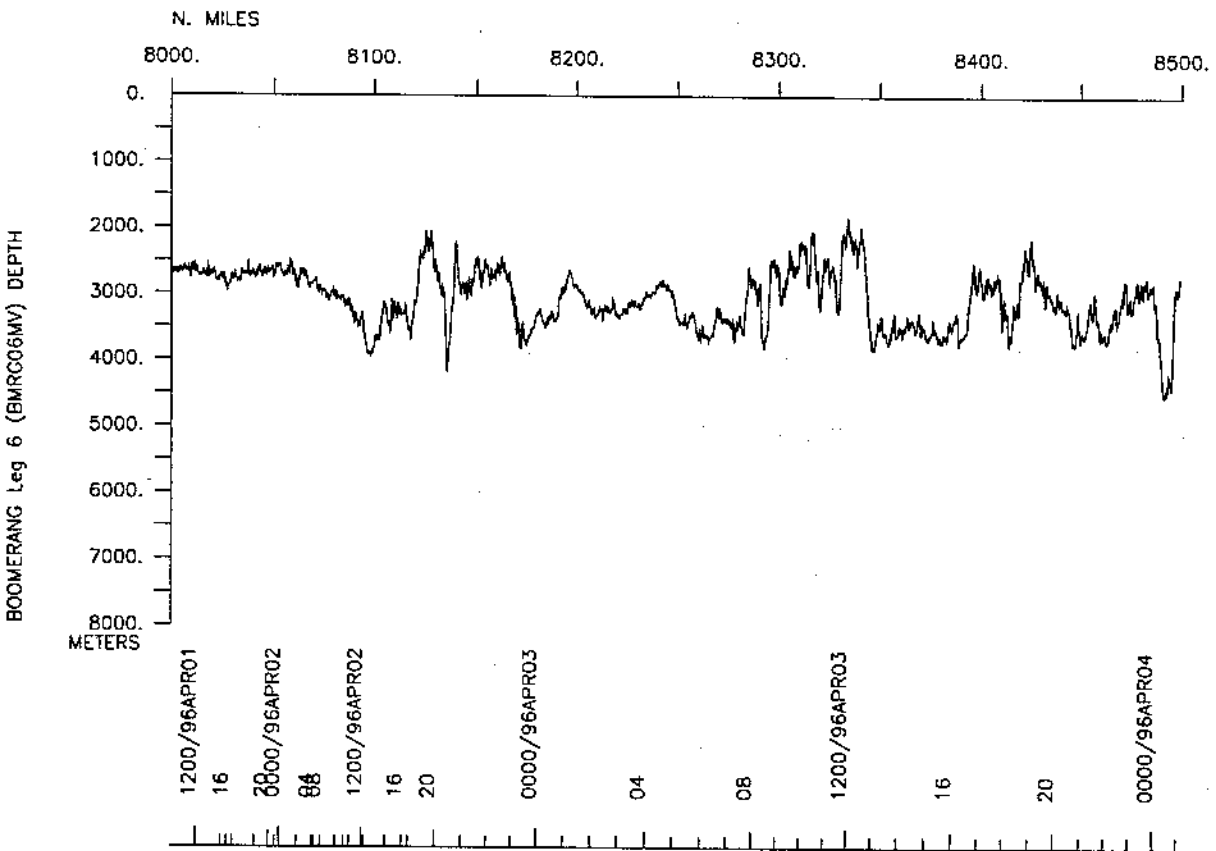
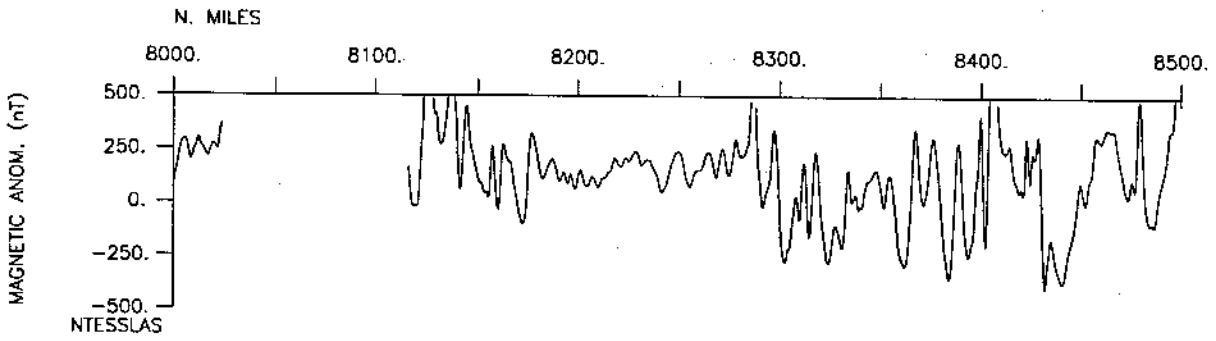
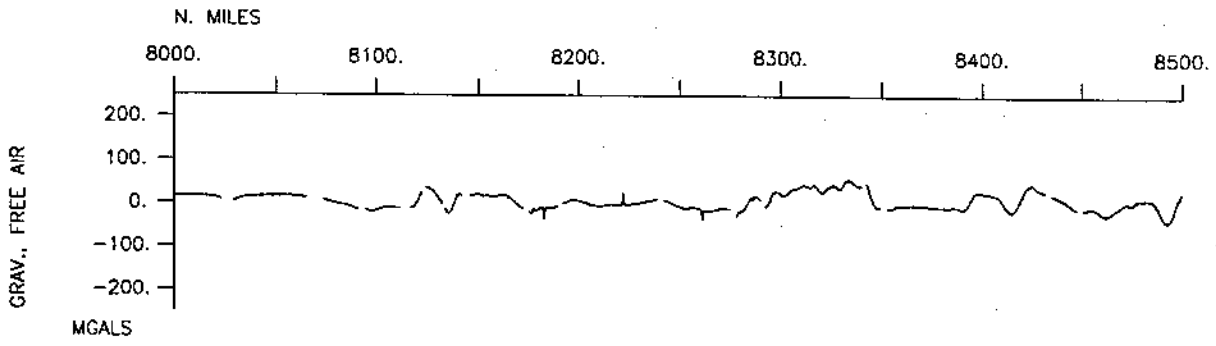


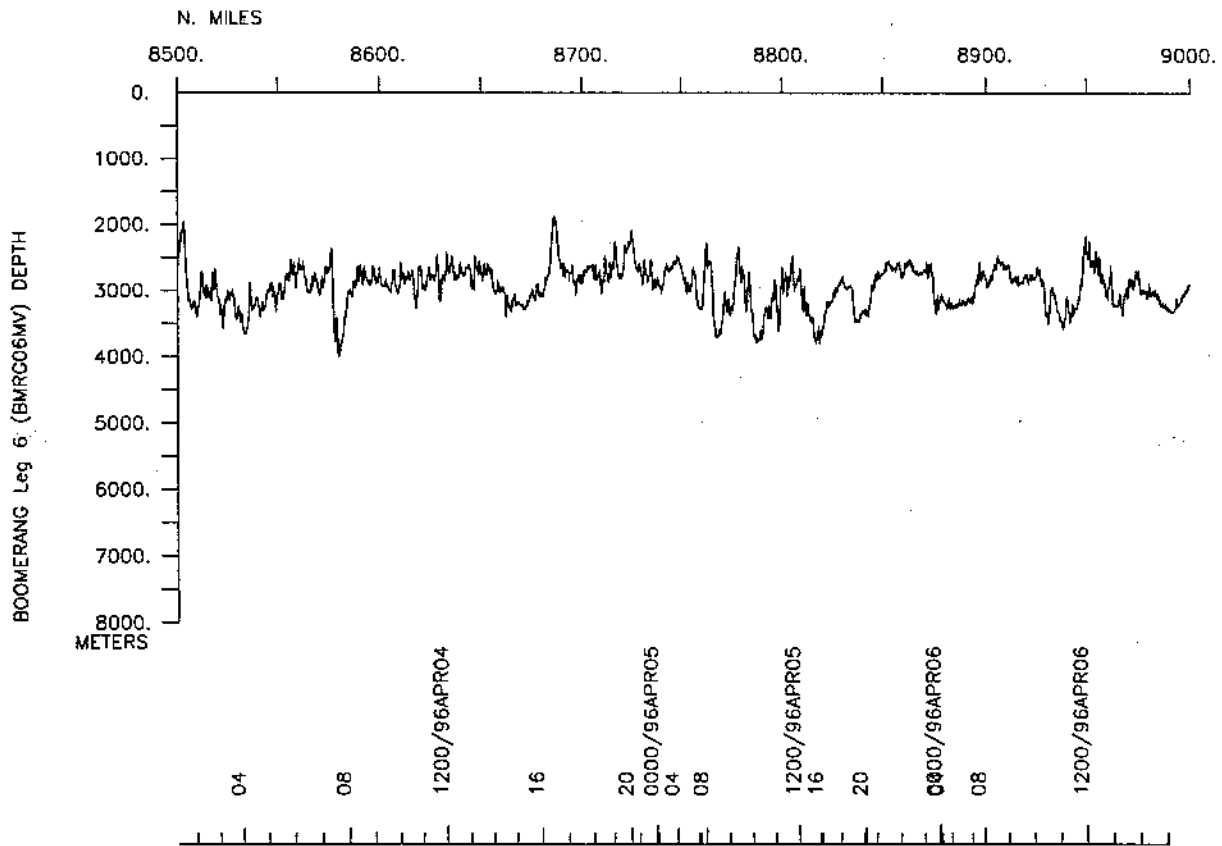
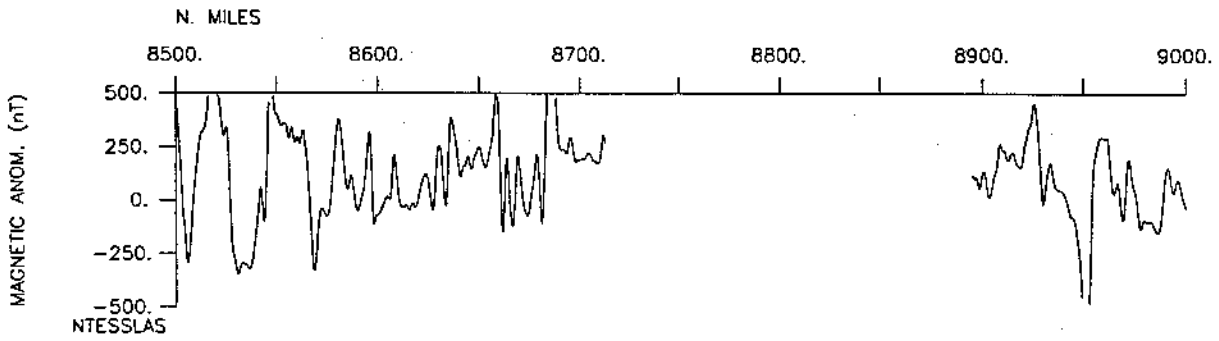
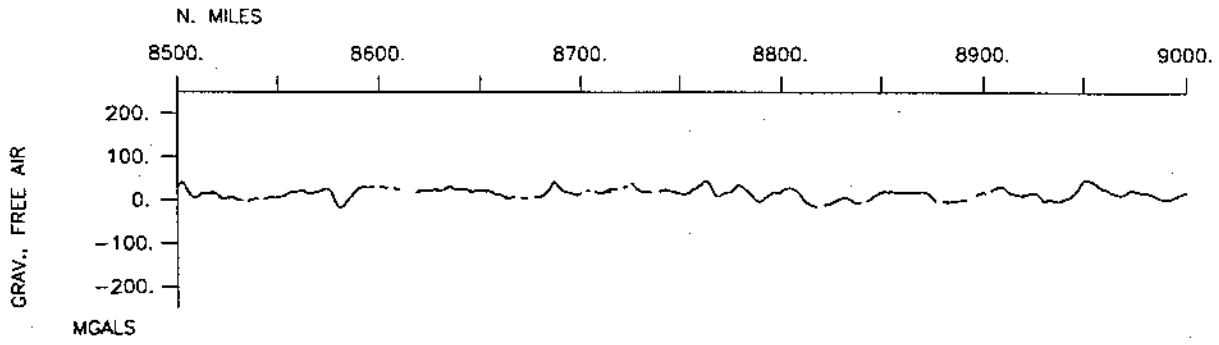


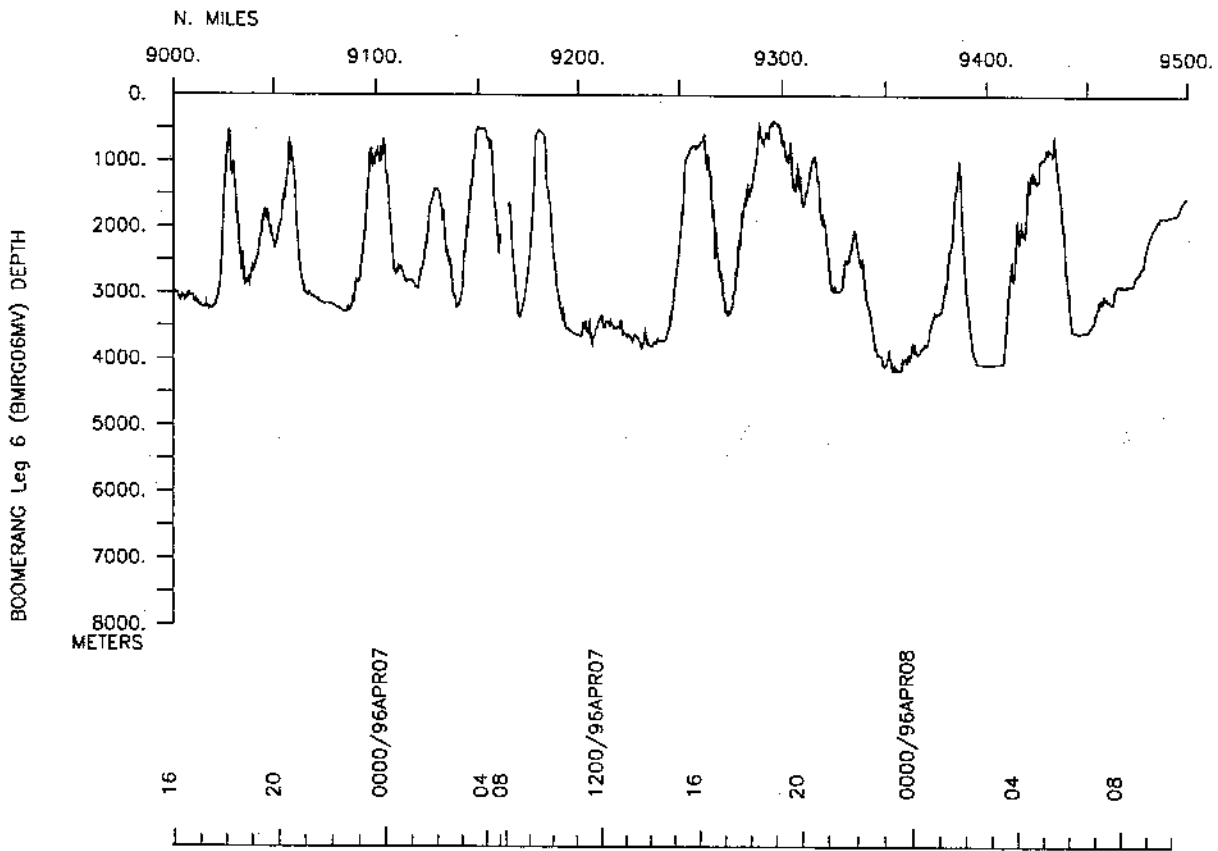
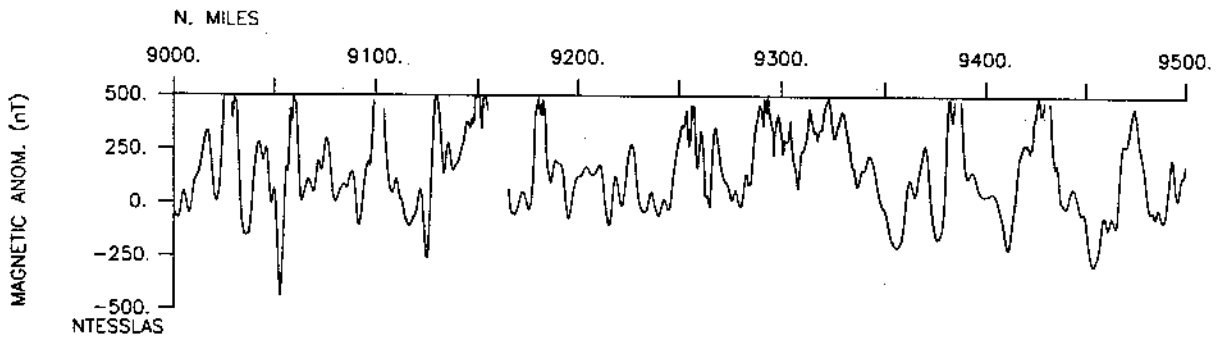
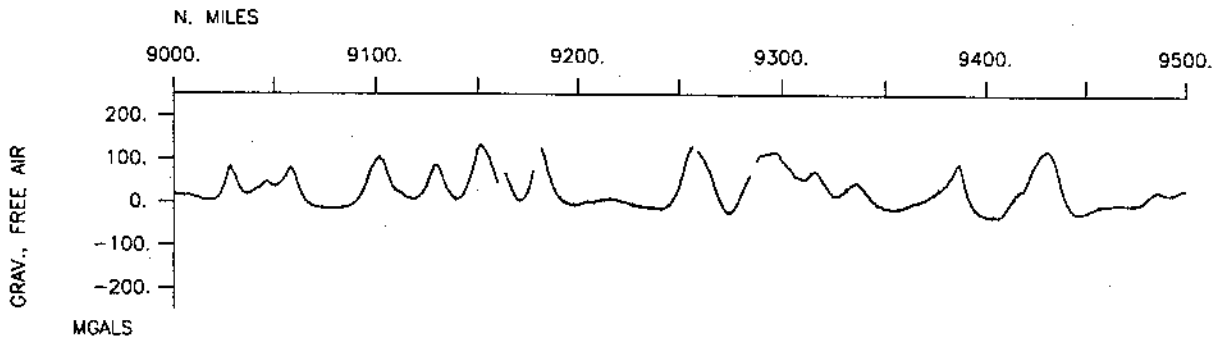


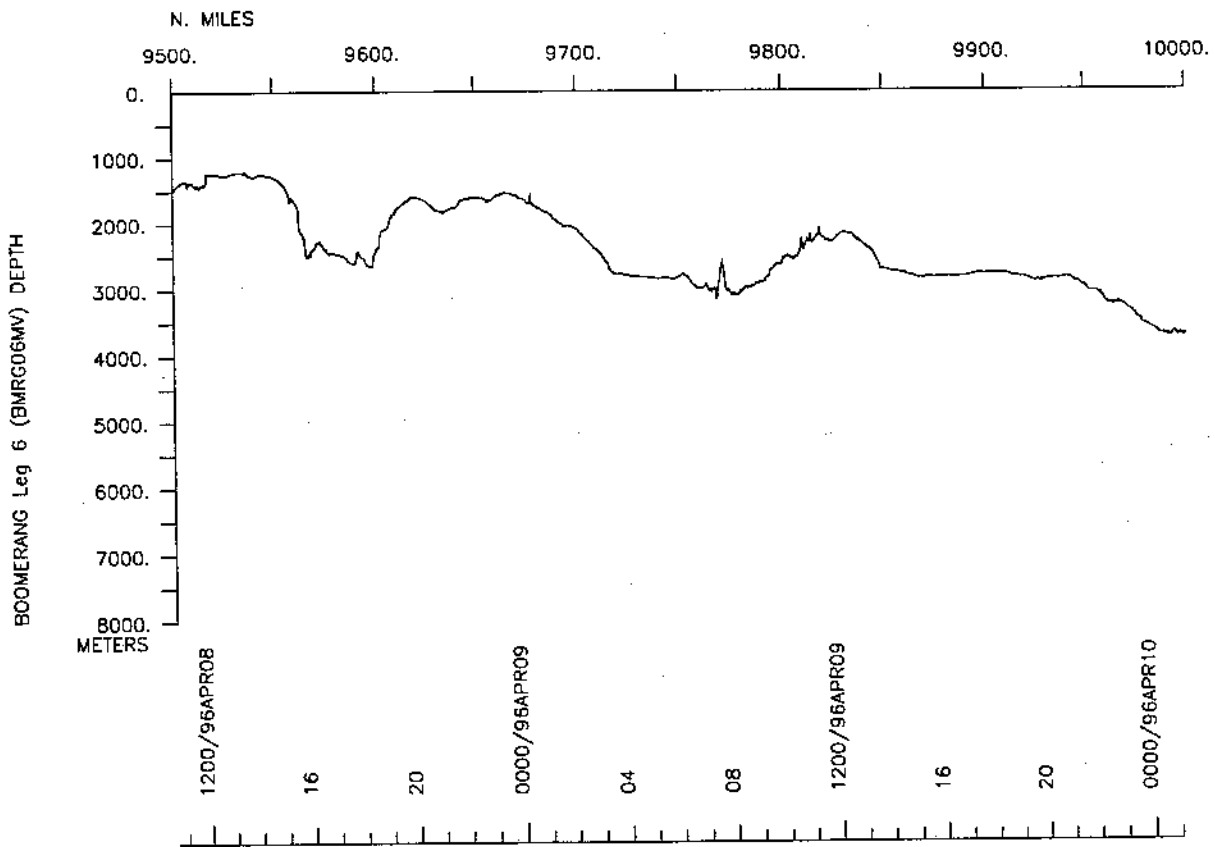
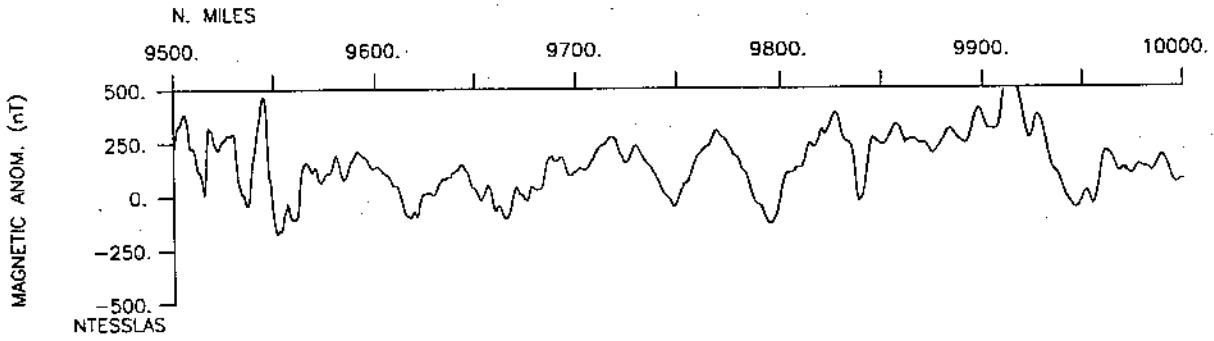
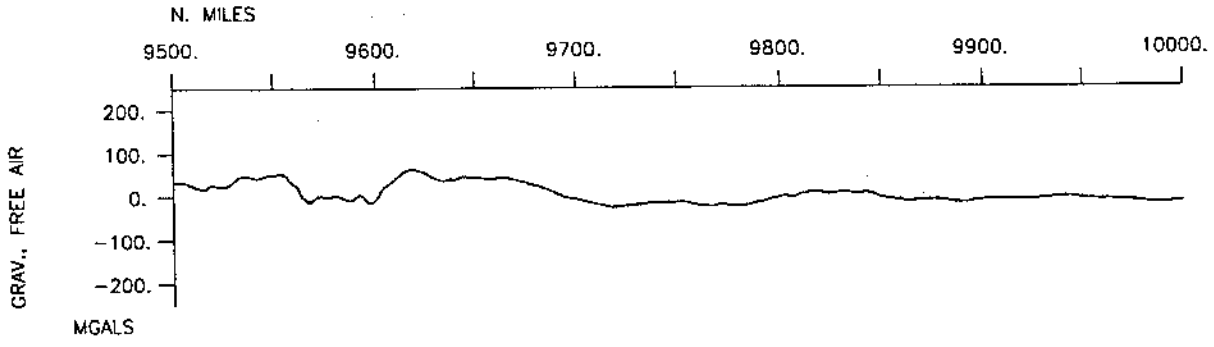


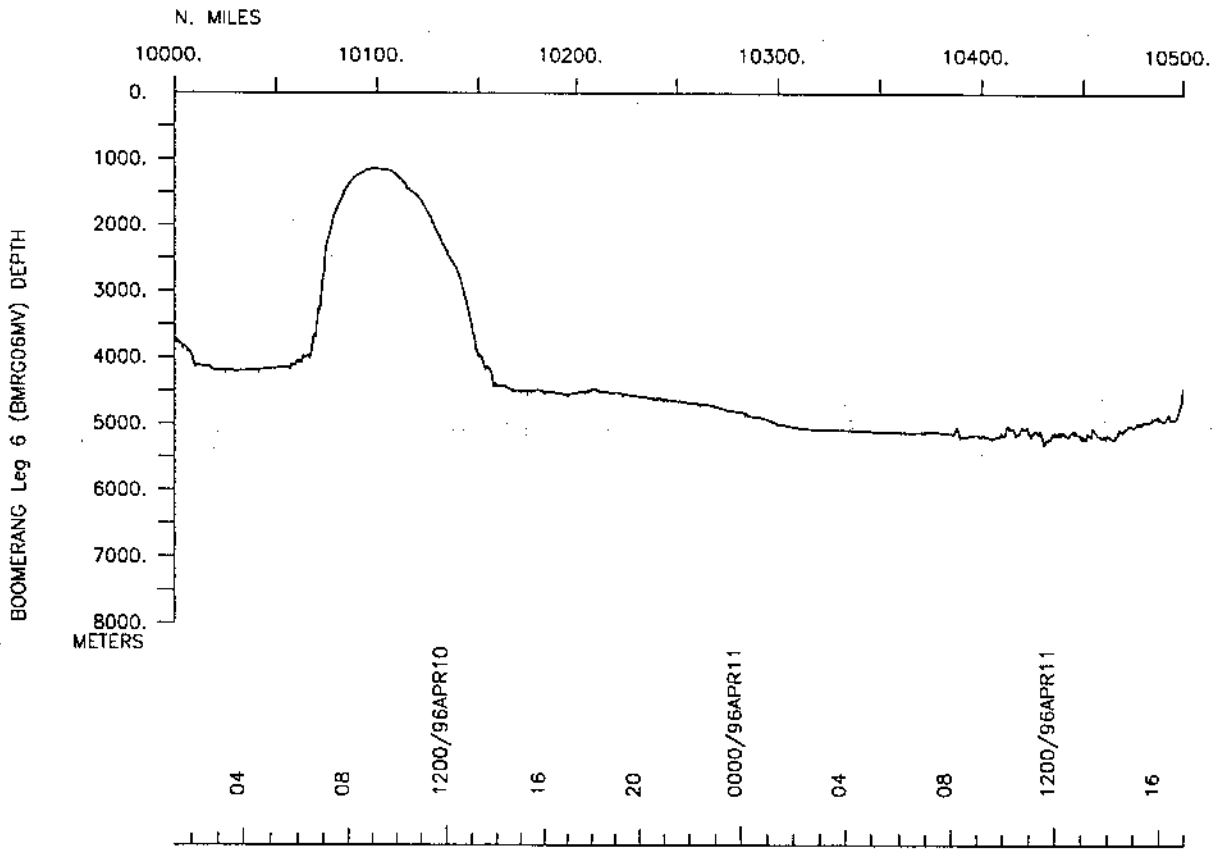
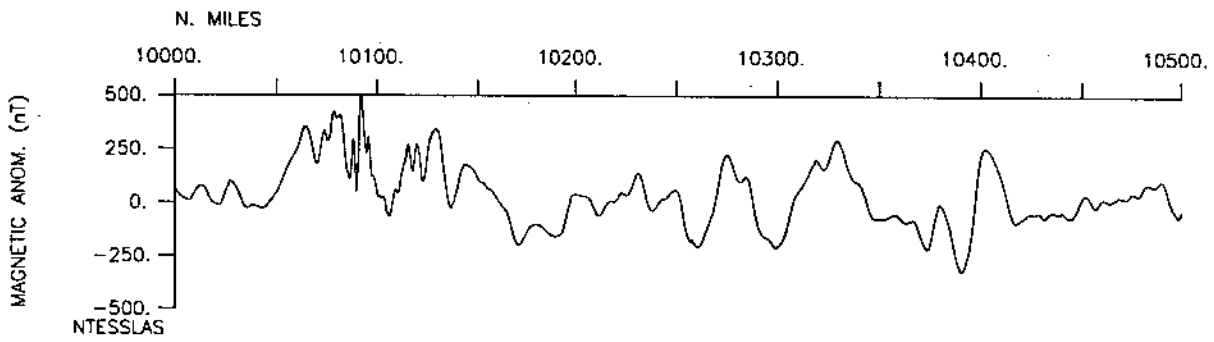
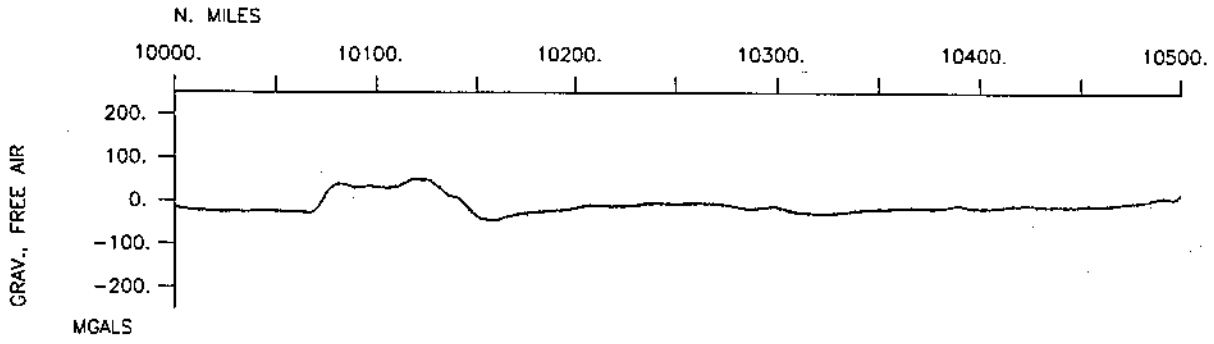


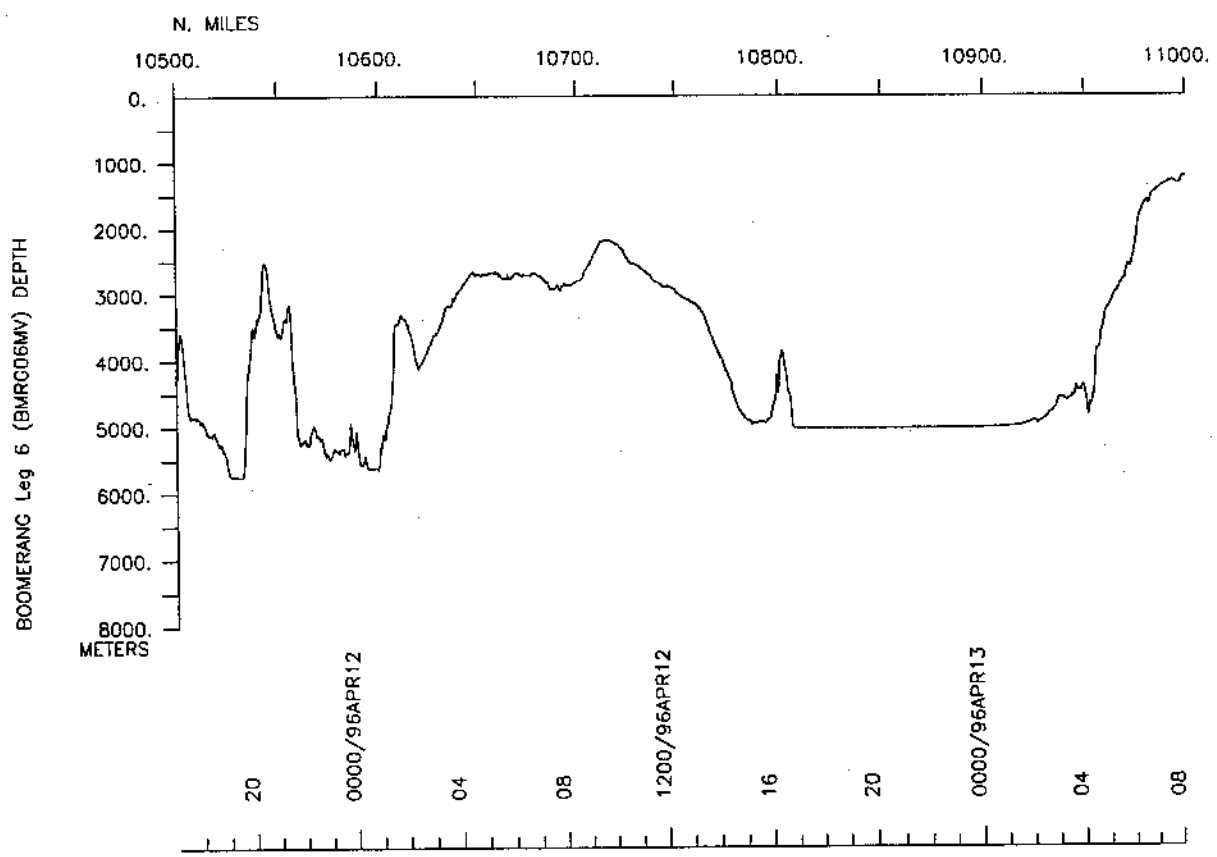
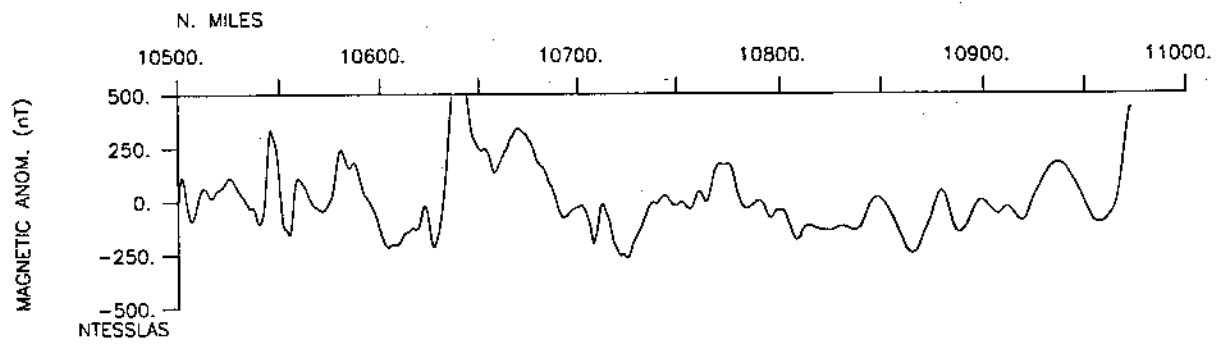
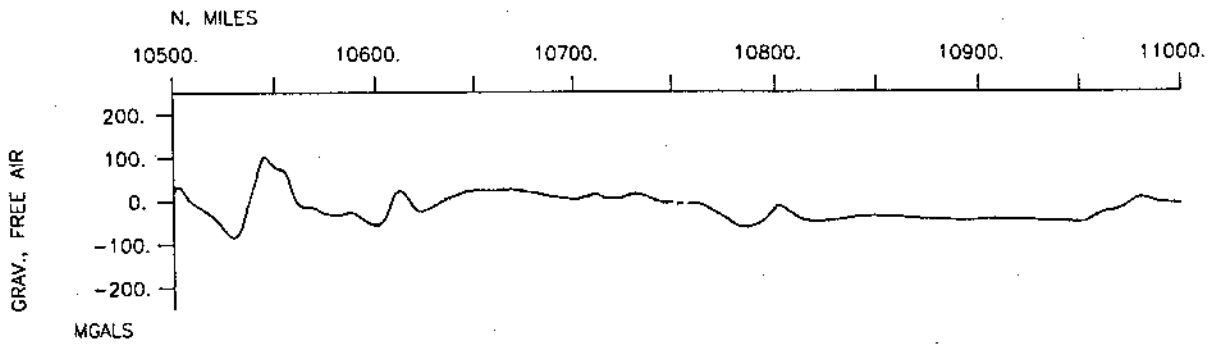


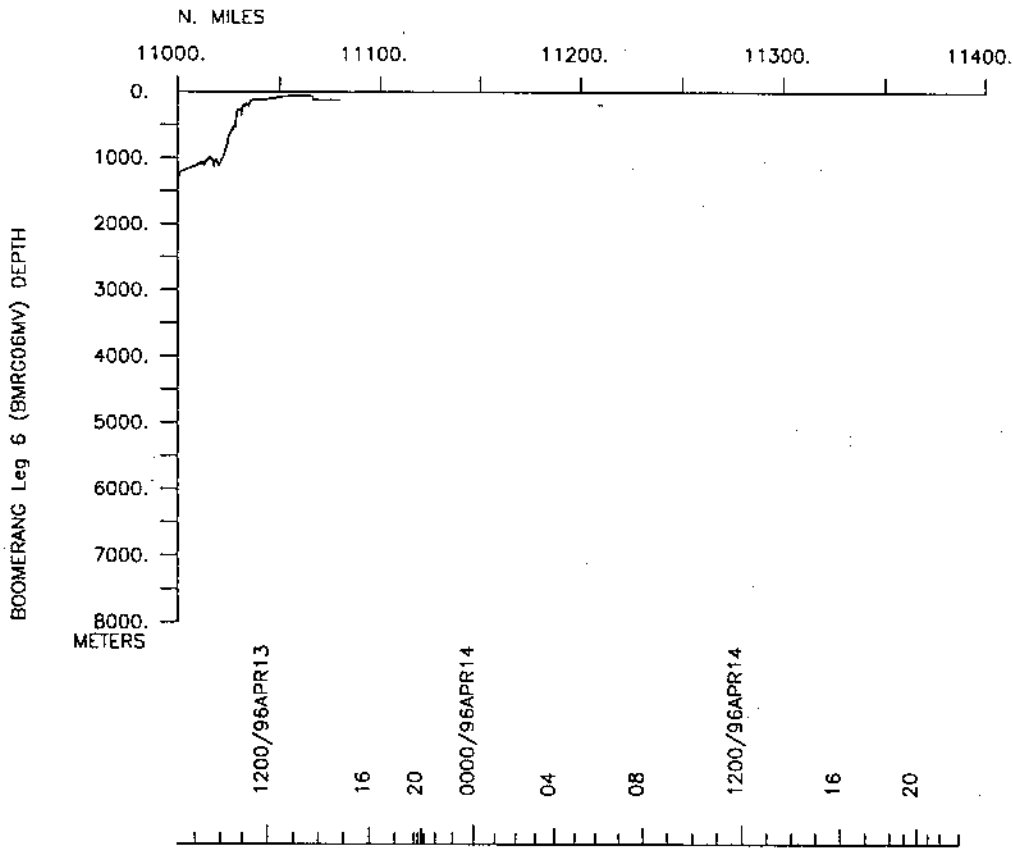
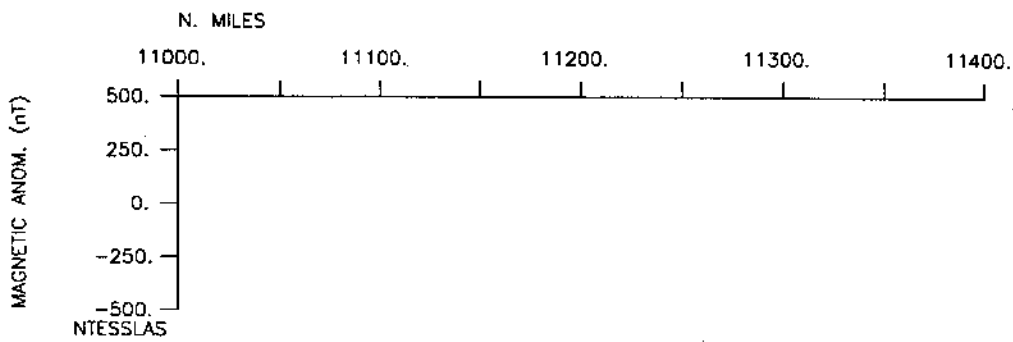
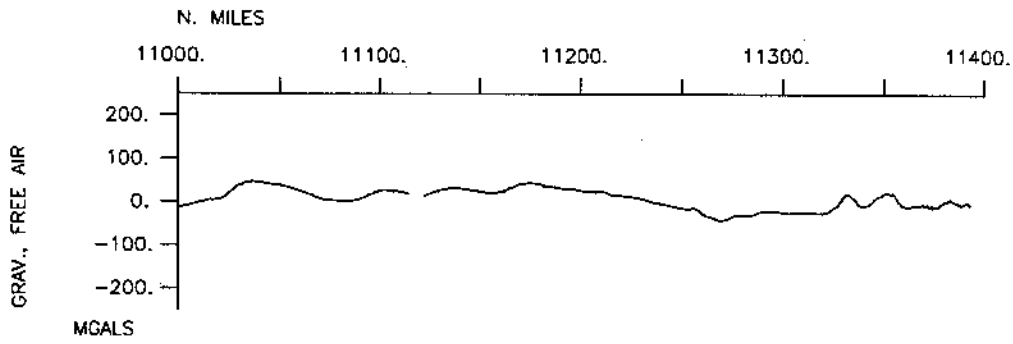












S.I.O. SAMPLE INDEX

BOOMERANG EXPEDITION

LEG 6

(BMRG06MV)

R/V Melville

(Issued July 1996)

PORTS:

Fremantle, Australia (22 February 1996)
to
Port Hedland, Australia (15 April 1996)

Chief Scientist:

Kevin Johnson: Bishop Museum, Hawaii

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 cods are available from the Geological Data Center.)

GDC CRUISE I.D.# 267

**** Ports ***

0806 220296 LGPT B Fremantle, Australia 32-03.00S 115-45.00E f BMRG06MV
 2346 150496 LGPT E Port Hedland, Australia 20-18.00S 118-35.00E f BMRG06MV

**** Personnel ***

#	*****NAME*****	*****TITLE*****	*****AFFILIATION*****	**CRID**
PECS SIX	Johnson, Kevin	Chief Scientist	Bishop Musuem Hawaii	BMRG06MV
PECS BRNU	Forsyth, Donald	Co-Principal	Brown University	BMRG06MV
PECS OSU	Graham, David	Co-Principal	Oregon State Univ.	BMRG06MV
PECS BRNU	Scheirer, Daniel	Co-Principal	Brown University	BMRG06MV
PESP SIX	Bennie, Stewart	Technician	NZ Geological Survey	BMRG06MV
PEST BRNU	Condor, James	Grad student	Brown University	BMRG06MV
PEST OSU	Douglas, Louise	Grad student	Oregon State Univ.	BMRG06MV
PEST BRNU	Eberle, Michael	Grad student	Brown University	BMRG06MV
PEBE SCG	Heckman, Earl	Seabeam Engineer	Scripps Institution	BMRG06MV
PEST BRNU	Hung, Shu-Huei	Grad Student	Brown University	BMRG06MV
PEST UHI	Ka'awaloa, Andrea	Undergrad student	Univ. of Hawaii	BMRG06MV
PEST SIX	Naumann, Terry	Grad Student	Univ. of Idaho	BMRG06MV
PEST MIT	Nicolaysen, Kirsten	Grad Student	Mass. Institute Tech	BMRG06MV
PERT STS	Pillard, Eugene	Resident Tech.	Scripps Institution	BMRG06MV
PECT SCG	Porteous, Todd	Computer Tech.	Scripps Institution	BMRG06MV
PESP SIX	Preston, David	Technician	Bishop Musuem Hawaii	BMRG06MV
PEBO GDC	Smith, Stuart	Seabeam Data Proc.	Scripps Institution	BMRG06MV

**** 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	B	SAMPLE	Dredge#	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E	IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP

**** Underway Data Curator - S. M. Smith ext. 42752 ****

**** Log Books ****

0805	220296	0	LBUW	B	Underway watch log	GDC	32-02.76S	115-44.92E	g	BMRG06MV
0632	130496	0	LBUW	E	Underway watch log	GDC	22-07.32S	112-55.15E	g	BMRG06MV
0805	220296	0	LBSC	B	Scientific log #01	BRNU	32-02.76S	115-44.92E	g	BMRG06MV
1728	180396	0	LBSC	E	Scientific log #01	BRNU	39-44.30S	78-18.50E	g	BMRG06MV
1728	180396	0	LBSC	B	Scientific log #02	BRNU	39-44.30S	78-18.50E	g	BMRG06MV
0615	130496	0	LBSC	E	Scientific log #02	BRNU	22-07.90S	112-51.32E	g	BMRG06MV

**** Sea Beam Records (vertical beam and side scan) ****

0930	220296	0	MBSR	B	v.beam&sscan r-01	GDC	31-55.73S	115-33.39E	g	BMRG06MV
0025	170396	0	MBSR	E	v.beam&sscan r-01	GDC	39-46.70S	77-33.31E	g	BMRG06MV
0030	170396	0	MBSR	B	v.beam&sscan r-02	GDC	39-47.33S	77-32.40E	g	BMRG06MV
0300	240396	0	MBSR	E	v.beam&sscan r-02	GDC	38-28.41S	78-13.86E	g	BMRG06MV
0312	240396	0	MBSR	B	v.beam&sscan r-03	GDC	38-30.12S	78-11.33E	g	BMRG06MV
1715	120496	0	MBSR	E	v.beam&sscan r-03	GDC	22-46.88S	110-01.53E	g	BMRG06MV
1745	120496	0	MBSR	B	v.beam&sscan r-04	GDC	22-43.91S	110-07.50E	g	BMRG06MV
1453	130496	0	MBSR	E	v.beam&sscan r-04	GDC	21-26.63S	114-29.57E	g	BMRG06MV

**** Magnetics (Earth Total Field) Records ****

0227	240296	0	MGRA	B	Magnetics record 01	GDC	35-17.56S	107-07.29E	g	BMRG06MV
0321	090396	0	MGRA	E	Magnetics record 01	GDC	41-08.96S	77-44.29E	g	BMRG06MV
0329	090396	0	MGRA	B	Magnetics record 02	GDC	41-09.87S	77-42.97E	g	BMRG06MV
2130	210396	0	MGRA	E	Magnetics record 02	GDC	38-33.37S	77-42.63E	g	BMRG06MV
1553	230396	0	MGRA	B	Magnetics record 03	GDC	38-46.33S	77-55.26E	g	BMRG06MV
1600	090496	0	MGRA	E	Magnetics record 03	GDC	29-15.80S	94-19.24E	g	BMRG06MV
1608	090496	0	MGRA	B	Magnetics record 04	GDC	29-15.29S	94-21.06E	g	BMRG06MV
0557	130496	0	MGRA	E	Magnetics record 04	GDC	22-08.20S	112-48.72E	g	BMRG06MV

**** Continuous Recorded Gravity ****

0845	220296	0	GVCR	B	Auto-logged gravity	GDC	32-00.40S	115-41.24E	g	BMRG06MV
1453	130496	0	GVCR	C	Auto-logged gravity	GDC	21-26.63S	114-29.57E	g	BMRG06MV

#GMT	DDMMYY	SAMP	B	SAMPLE	Dredge#	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E	IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#	-----	---	---	---	-----	---	-----	-----	---	---	-----
*** Current Meters - Remote Tracked ***											
0809	230296	0	CMRT	B	Drifter #25788 with	NOAA	33-54.49S	111-00.72E	g		BMRG06MV
2346	130496	0	CMRT	C	barometric data	NOAA	21-26.63S	114-29.57E	g		BMRG06MV
0729	270296	0	CMRT	B	Drifter #25782 with	NOAA	41-34.11S	89-45.89E	g		BMRG06MV
2346	130496	0	CMRT	C	barometric data	NOAA	21-26.63S	114-29.57E	g		BMRG06MV
0235	010396	0	CMRT	B	Drifter #25789 with	NOAA	42-11.46S	84-13.83E	g		BMRG06MV
2346	130496	0	CMRT	C	barometric data	NOAA	21-26.63S	114-29.57E	g		BMRG06MV
0025	070396	0	CMRT	B	Drifter #25791 with	NOAA	41-44.87S	79-29.35E	g		BMRG06MV
2346	130496	0	CMRT	C	barometric data	NOAA	21-26.63S	114-29.57E	g		BMRG06MV
1036	300396	0	CMRT	B	Drifter #25799 with	NOAA	37-03.07S	78-14.67E	g		BMRG06MV
2346	130496	0	CMRT	E	barometric data	NOAA	21-26.63S	114-29.57E	g		BMRG06MV
0308	050496	0	CMRT	B	Drifter #25794 with	NOAA	32-56.42S	77-49.89E	g		BMRG06MV
2346	130496	0	CMRT	C	barometric data	NOAA	21-26.63S	114-29.57E	g		BMRG06MV
1223	070496	0	CMRT	B	Drifter #29753 with	NOAA	33-19.95S	83-27.64E	g		BMRG06MV
2346	130496	0	CMRT	C	barometric data	NOAA	21-26.63S	114-29.57E	g		BMRG06MV
0036	090496	0	CMRT	B	Drifter #25795 with	NOAA	30-14.98S	90-41.09E	g		BMRG06MV
2346	130496	0	CMRT	C	barometric data	NOAA	21-26.63S	114-29.57E	g		BMRG06MV
0209	120496	0	CMRT	B	Drifter #25783 with	NOAA	24-17.53S	106-53.01E	g		BMRG06MV
2346	130496	0	CMRT	C	barometric data	NOAA	21-26.63S	114-29.57E	g		BMRG06MV
0241	130496	0	CMRT	B	Drifter #25792 with	NOAA	22-14.17S	112-04.67E	g		BMRG06MV
2346	130496	0	CMRT	C	barometric data	NOAA	21-26.63S	114-29.57E	g		BMRG06MV
*** Dredges ***											
1742	270296	0	DRRO	B	Dredge #33	UHI	42-06.93S	88-02.48E	g		BMRG06MV
1822	270296	0	DRRO	E	Dredge#33 2425-2375m	UHI	42-06.68S	88-02.50E	g		BMRG06MV
0428	280296	0	DRRO	B	Dredge #34	UHI	41-31.06S	87-05.45E	g		BMRG06MV
0515	280296	0	DRRO	E	Dredge#34 2440-2345m	UHI	41-31.17S	87-05.10E	g		BMRG06MV
1157	280296	0	DRRO	B	Dredge #35	UHI	41-19.60S	86-38.25E	g		BMRG06MV
1244	280296	0	DRRO	E	Dredge#35 2610-2510m	UHI	41-19.35S	86-37.85E	g		BMRG06MV
1826	280296	0	DRRO	B	Dredge #36	UHI	41-05.89S	86-13.79E	g		BMRG06MV
1932	280296	0	DRRO	E	Dredge#36 2590-2396m	UHI	41-05.40S	86-13.60E	g		BMRG06MV

#GMT #TIME #	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	Dredge#	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0505	290296	0	DRRO	B	Dredge #37		UHI	41-00.37S	85-55.53E	g	BMRG06MV
0722	290296	0	DRRO	E	Dredge#37	2612-2560m	UHI	41-00.20S	85-55.48E	g	BMRG06MV
0603	020396	0	DRRO	B	Dredge #38		UHI	42-21.23S	82-33.78E	g	BMRG06MV
0724	020396	0	DRRO	E	Dredge#38	2687-2659m	UHI	42-21.02S	82-33.25E	g	BMRG06MV
2105	030396	0	DRRO	B	Dredge #39		UHI	41-14.60S	81-08.99E	g	BMRG06MV
2209	030396	0	DRRO	E	Dredge#39	2890-2662m	UHI	41-14.30S	81-09.45E	g	BMRG06MV
0409	060396	0	DRRO	B	Dredge #40		UHI	41-40.31S	79-09.63E	g	BMRG06MV
0541	060396	0	DRRO	E	Dredge#40	2450-2430m	UHI	41-39.78S	79-09.71E	g	BMRG06MV
1446	060396	0	DRRO	B	Dredge #41		UHI	41-46.23S	79-44.95E	g	BMRG06MV
1537	060396	0	DRRO	E	Dredge#41	2970-2710m	UHI	41-46.30S	79-44.89E	g	BMRG06MV
0345	070396	0	DRRO	B	Dredge #42		UHI	41-31.57S	79-23.17E	g	BMRG06MV
0429	070396	0	DRRO	E	Dredge#42	2740-2540m	UHI	41-31.68S	79-23.00E	g	BMRG06MV
1109	070396	0	DRRO	B	Dredge #43		UHI	41-15.11S	79-06.28E	g	BMRG06MV
1212	070396	0	DRRO	E	Dredge#43	2800-2770m	UHI	41-14.96S	79-06.02E	g	BMRG06MV
0121	100396	0	DRRO	B	Dredge #44		UHI	40-58.20S	78-47.27E	g	BMRG06MV
0218	100396	0	DRRO	E	Dredge#44	2875-2750m	UHI	40-58.41S	78-46.95E	g	BMRG06MV
0831	100396	0	DRRO	B	Dredge #45		UHI	40-47.59S	78-38.29E	g	BMRG06MV
0909	100396	0	DRRO	X	Dredge 45	2925-2835m	UHI	40-47.51S	78-37.88E	g	BMRG06MV
1809	100396	0	DRRO	B	Dredge #46		UHI	40-45.05S	78-19.55E	g	BMRG06MV
1902	100396	0	DRRO	E	Dredge#46	2965-2948m	UHI	40-45.03S	78-19.19E	g	BMRG06MV
0117	110396	0	DRRO	B	Dredge #47		UHI	40-33.09S	78-08.38E	g	BMRG06MV
0152	110396	0	DRRO	E	Dredge#47	2900-2790m	UHI	40-32.92S	78-08.19E	g	BMRG06MV
0558	130396	0	DRRO	B	Dredge #48		UHI	39-48.73S	78-23.68E	g	BMRG06MV
0655	130396	0	DRRO	E	Dredge#48	2520-2437m	UHI	39-48.95S	78-23.42E	g	BMRG06MV
1023	130396	0	DRRO	B	Dredge #49		UHI	39-49.32S	78-35.82E	g	BMRG06MV
1118	130396	0	DRRO	E	Dredge#49	2535-2350m	UHI	39-49.39S	78-36.03E	g	BMRG06MV
2301	130396	0	DRRO	B	Dredge #50		UHI	39-58.91S	78-33.00E	g	BMRG06MV
2351	130396	0	DRRO	E	Dredge#50	3030-2915m	UHI	39-59.20S	78-33.10E	g	BMRG06MV
0740	140396	0	DRRO	B	Dredge #51		UHI	40-12.73S	78-37.68E	g	BMRG06MV
0837	140396	0	DRRO	E	Dredge#51	3417-3130m	UHI	40-12.78S	78-37.30E	g	BMRG06MV
1728	180396	0	DRRO	B	Dredge #52		UHI	39-44.30S	78-18.50E	g	BMRG06MV
1817	180396	0	DRRO	E	Dredge#52	2390-2165m	UHI	39-44.14S	78-18.66E	g	BMRG06MV
2256	180396	0	DRRO	B	Dredge #53		UHI	39-32.58S	78-10.97E	g	BMRG06MV
2353	180396	0	DRRO	E	Dredge#53	2180-2090m	UHI	39-32.38S	78-10.58E	g	BMRG06MV

#	GMT #TIME	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	Dredge#	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0453	190396	0	DRRO	B	Dredge #54		UHI	39-26.04S	78-05.54E	g	BMRG06MV	
0606	190396	0	DRRO	E	Dredge#54	2310-2140m	UHI	39-25.73S	78-05.53E	g	BMRG06MV	
1440	190396	0	DRRO	B	Dredge #55		UHI	39-17.31S	78-11.07E	g	BMRG06MV	
1529	190396	0	DRRO	E	Dredge#55	2172-2035m	UHI	39-17.50S	78-10.80E	g	BMRG06MV	
0607	220396	0	DRRO	B	Dredge #56		UHI	38-48.38S	77-19.15E	g	BMRG06MV	
0733	220396	0	DRRO	E	Dredge#56	1932-1630m	UHI	38-48.06S	77-19.36E	g	BMRG06MV	
1559	220396	0	DRRO	B	Dredge #57		UHI	38-58.17S	77-42.69E	g	BMRG06MV	
1707	220396	0	DRRO	E	Dredge#57	144-80m	UHI	38-58.39S	77-42.38E	g	BMRG06MV	
2008	220396	0	DRRO	B	Dredge #58		UHI	39-12.82S	77-52.88E	g	BMRG06MV	
2115	220396	0	DRRO	E	Dredge#58	1450-1290m	UHI	39-12.81S	77-52.44E	g	BMRG06MV	
0028	230396	0	DRRO	B	Dredge #59		UHI	39-07.41S	78-08.64E	g	BMRG06MV	
0123	230396	0	DRRO	E	Dredge#59	1985-1820m	UHI	39-07.70S	78-08.62E	g	BMRG06MV	
0538	230396	0	DRRO	B	Dredge #60		UHI	38-57.54S	78-06.40E	g	BMRG06MV	
0636	230396	0	DRRO	E	Dredge#60	2100-1855m	UHI	38-57.78S	78-06.22E	g	BMRG06MV	
0919	230396	0	DRRO	B	Dredge #61		UHI	38-56.82S	78-07.99E	g	BMRG06MV	
1007	230396	0	DRRO	E	Dredge#61	2230-2075m	UHI	38-57.00S	78-07.85E	g	BMRG06MV	
1611	260396	0	DRRO	B	Dredge #62		UHI	38-23.28S	78-32.10E	g	BMRG06MV	
1650	260396	0	DRRO	E	Dredge#62	2140-2004m	UHI	38-23.12S	78-32.11E	g	BMRG06MV	
2139	260396	0	DRRO	B	Dredge #63		UHI	38-11.89S	78-22.07E	g	BMRG06MV	
2217	260396	0	DRRO	E	Dredge#63	1900-1775m	UHI	38-11.75S	78-22.22E	g	BMRG06MV	
0317	270396	0	DRRO	B	Dredge #64		UHI	37-58.92S	78-09.80E	g	BMRG06MV	
0351	270396	0	DRRO	E	Dredge#64	1860-1750m	UHI	37-58.74S	78-09.79E	g	BMRG06MV	
0822	270396	0	DRRO	B	Dredge #65		UHI	37-55.68S	78-06.17E	g	BMRG06MV	
0901	270396	0	DRRO	E	Dredge#65	1940-1850m	UHI	37-55.45S	78-06.15E	g	BMRG06MV	
1815	270396	0	DRRO	B	Dredge #66		UHI	37-48.10S	77-59.50E	g	BMRG06MV	
1853	270396	0	DRRO	E	Dredge#66	2025-1845m	UHI	37-47.92S	77-59.50E	g	BMRG06MV	
0022	280396	0	DRRO	B	Dredge #67		UHI	37-34.69S	78-05.74E	g	BMRG06MV	
0126	280396	0	DRRO	E	Dredge#67	1928-1820m	UHI	37-34.37S	78-05.48E	g	BMRG06MV	
1709	290396	0	DRRO	B	Dredge #68		UHI	37-25.57S	77-52.26E	g	BMRG06MV	
1802	290396	0	DRRO	E	Dredge#68	1830-1702m	UHI	37-25.77S	77-52.00E	g	BMRG06MV	
0013	300396	0	DRRO	B	Dredge #69		UHI	37-14.76S	78-25.35E	g	BMRG06MV	
0101	300396	0	DRRO	X	Dredge#69		UHI	37-14.59S	78-25.56E	g	BMRG06MV	

#GMT #TIME #	DDMMYY DATE	SAMP TZ	B CODE	SAMPLE E IDENTIFIER	Dredge# IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0341	300396	0	DRRO	B	Dredge #70	UHI	37-09.93S	78-24.00E	g	BMRG06MV
0434	300396	0	DRRO	E	Dredge#70 1960-1740m	UHI	37-09.78S	78-24.18E	g	BMRG06MV
0854	300396	0	DRRO	B	Dredge #71	UHI	37-03.34S	78-14.38E	g	BMRG06MV
0942	300396	0	DRRO	E	Dredge#71 1964-1915m	UHI	37-03.13S	78-14.54E	g	BMRG06MV
1459	010496	0	DRRO	B	Dredge #72	UHI	36-20.71S	79-07.37E	g	BMRG06MV
1535	010496	0	DRRO	E	Dredge#72 2930-2800m	UHI	36-20.78S	79-07.35E	g	BMRG06MV
2147	010496	0	DRRO	B	Dredge #73	UHI	36-03.98S	78-49.49E	g	BMRG06MV
2244	010496	0	DRRO	E	Dredge#73 2745-2570m	UHI	36-04.20S	78-49.45E	g	BMRG06MV
0425	020496	0	DRRO	B	Dredge #74	UHI	35-50.19S	78-36.73E	g	BMRG06MV
0518	020496	0	DRRO	E	Dredge#74 2870-2730m	UHI	35-50.45S	78-36.72E	g	BMRG06MV
1621	020496	0	DRRO	B	Dredge #75	UHI	35-16.95S	78-35.70E	g	BMRG06MV
1729	020496	0	DRRO	E	Dredge#75 3355-3205m	UHI	35-17.36S	78-35.58E	g	BMRG06MV
2054	040496	0	DRRO	B	Dredge #76	UHI	32-45.80S	77-53.17E	g	BMRG06MV
2144	040496	0	DRRO	E	Dredge#76 2265-2090m	UHI	32-45.59S	77-53.39E	g	BMRG06MV
0107	050496	0	DRRO	B	Dredge #77	UHI	32-56.76S	77-48.91E	g	BMRG06MV
0153	050496	0	DRRO	E	Dredge#77 2925-2745m	UHI	32-56.55S	77-49.00E	g	BMRG06MV
1438	050496	0	DRRO	B	Dredge #78	UHI	33-54.32S	77-32.09E	g	BMRG06MV
1536	050496	0	DRRO	E	Dredge#78 3757-3490m	UHI	33-54.09S	77-32.32E	g	BMRG06MV
0111	060496	0	DRRO	B	Dredge #79	UHI	34-34.17S	78-14.19E	g	BMRG06MV
0319	060496	0	DRRO	E	Dredge#79 3260-3240m	UHI	34-33.94S	78-14.34E	g	BMRG06MV
0607	070496	0	DRRO	B	Dredge #80	UHI	34-00.95S	82-51.56E	g	BMRG06MV
0653	070496	0	DRRO	E	Dredge#80 2040-1920m	UHI	34-01.07S	82-51.36E	g	BMRG06MV
**** Wax Cores ****										
2333	270296	0	CORG		Wax Core #3 2485m	UHI	41-46.20S	87-31.50E	g	BMRG06MV
1818	010396	0	CORG		Wax Core #4 2953m	UHI	42-51.80S	83-17.41E	g	BMRG06MV
2306	010396	0	CORG	X	Wax Core #5	UHI	42-28.60S	82-43.57E	g	BMRG06MV
0003	020396	0	CORG	X	Wax Core #6	UHI	42-28.60S	82-43.54E	g	BMRG06MV
0322	020396	0	CORG		Wax Core #7 2645m	UHI	42-21.09S	82-33.08E	g	BMRG06MV
1336	020396	0	CORG		Wax Core #8 2580m	UHI	41-48.10S	81-50.30E	g	BMRG06MV
1451	030396	0	CORG		Wax Core #9 2579m	UHI	41-32.00S	81-28.30E	g	BMRG06MV

#	GMT #TIME	DDMMYY DATE	SAMP B TZ	CODE E	SAMPLE Dredge# IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
	1744	030396	0	CORG	Wax Core #10	2690m UHI	41-22.45S	81-17.50E	g	BMRG06MV
	0124	040396	0	CORG	Wax Core #11	2605m UHI	41-06.90S	81-00.29E	g	BMRG06MV
	1902	060396	0	CORG	Wax Core #12	2738m UHI	41-39.07S	79-34.30E	g	BMRG06MV
	2117	060396	0	CORG X	Wax Core #13	2685m UHI	41-45.40S	79-29.40E	g	BMRG06MV
	2345	060396	0	CORG	Wax Core #14	2750m UHI	41-44.89S	79-29.41E	g	BMRG06MV
	0731	070396	0	CORG	Wax Core #15	2750m UHI	41-23.77S	79-15.10E	g	BMRG06MV
	1625	070396	0	CORG	Wax Core #16	2800m UHI	41-04.90S	78-54.84E	g	BMRG06MV
	0533	100396	0	CORG	Wax Core #17	3013m UHI	40-52.72S	78-42.25E	g	BMRG06MV
	1207	100396	0	CORG	Wax Core #18	3182m UHI	40-48.55S	78-36.12E	g	BMRG06MV
	1445	100396	0	CORG	Wax Core #19	3555m UHI	40-52.57S	78-30.58E	g	BMRG06MV
	2210	100396	0	CORG	Wax Core #20	3130m UHI	40-37.70S	78-13.18E	g	BMRG06MV
	1343	130396	0	CORG	Wax Core #21	2815m UHI	39-53.65S	78-28.55E	g	BMRG06MV
	0248	140396	0	CORG X	Wax Core #22	3110m UHI	40-05.22S	78-36.45E	g	BMRG06MV
	0425	140396	0	CORG	Wax Core #23	3007m UHI	40-05.60S	78-35.69E	g	BMRG06MV
	1108	140396	0	CORG X	Wax Core #24	3360m UHI	40-13.67S	78-38.40E	g	BMRG06MV
	2023	180396	0	CORG	Wax Core #25	2211m UHI	39-39.09S	78-14.48E	g	BMRG06MV
	0216	190396	0	CORG	Wax Core #26	2289m UHI	39-25.17S	78-13.26E	g	BMRG06MV
	0843	190396	0	CORG X	Wax Core #27	2093m UHI	39-28.77S	77-52.27E	g	BMRG06MV
	0958	190396	0	CORG X	Wax Core #28	2081m UHI	39-28.42S	77-53.53E	g	BMRG06MV
	1155	190396	0	CORG	Wax Core #29	2060m UHI	39-19.38S	77-59.62E	g	BMRG06MV
	1736	190396	0	CORG	Wax Core #30	1990m UHI	39-12.48S	78-10.64E	g	BMRG06MV
	0330	230396	0	CORG	Wax Core #31	1730m UHI	39-01.05S	78-08.25E	g	BMRG06MV
	1158	230396	0	CORG	Wax Core #32	2026m UHI	38-54.00S	78-04.53E	g	BMRG06MV
	1326	230396	0	CORG	Wax Core #33	2080m UHI	38-50.15S	78-03.20E	g	BMRG06MV

#GMT #TIME #	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	Dredge#	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
1505	230396	0	CORG		Wax Core #34	1689m	UHI	38-46.85S	77-57.83E	g	BMRG06MV
1400	260396	0	CORG		Wax Core #35	2168m	UHI	38-25.97S	78-35.29E	g	BMRG06MV
1859	260396	0	CORG		Wax Core #36	2018m	UHI	38-18.34S	78-28.94E	g	BMRG06MV
0044	270396	0	CORG		Wax Core #37	1785m	UHI	38-05.36S	78-15.18E	g	BMRG06MV
0612	270396	0	CORG		Wax Core #38	1709m	UHI	37-51.62S	78-11.30E	g	BMRG06MV
1044	270396	0	CORG		Wax Core #39	1999m	UHI	37-58.10S	78-03.85E	g	BMRG06MV
1446	270396	0	CORG		Wax Core #40	1350m	UHI	37-56.84S	77-39.10E	g	BMRG06MV
2122	270396	0	CORG		Wax Core #41	1685m	UHI	37-42.35S	78-08.65E	g	BMRG06MV
2004	290396	0	CORG		Wax Core #42	2105m	UHI	37-26.00S	77-59.00E	g	BMRG06MV
0633	300396	0	CORG		Wax Core #43	2092m	UHI	37-07.25S	78-19.50E	g	BMRG06MV
1544	300396	0	CORG		Wax Core #44	875m	UHI	37-43.27S	77-49.47E	g	BMRG06MV
1632	300396	0	CORG		Wax Core #45	647m	UHI	37-42.98S	77-49.89E	g	BMRG06MV
1833	010496	0	CORG		Wax Core #46	2735m	UHI	36-10.89S	78-57.19E	g	BMRG06MV
0131	020496	0	CORG		Wax Core #47	2885m	UHI	35-56.31S	78-42.54E	g	BMRG06MV
0731	020496	0	CORG		Wax Core #48	2895m	UHI	35-47.82S	78-35.67E	g	BMRG06MV
1000	020496	0	CORG		Wax Core #49	3085m	UHI	35-38.45S	78-27.81E	g	BMRG06MV
1211	020496	0	CORG		Wax Core #50	3415m	UHI	35-31.68S	78-21.22E	g	BMRG06MV
0548	050496	0	CORG	X	Wax Core #51-A		UHI	33-09.99S	78-09.00E	g	BMRG06MV
0701	050496	0	CORG		Wax Core #51-B	3285m	UHI	33-09.97S	78-09.00E	g	BMRG06MV
1942	050496	0	CORG		Wax Core #52	3290m	UHI	34-09.35S	77-49.39E	g	BMRG06MV
0639	060496	0	CORG		Wax Core #53	3135m	UHI	34-43.36S	78-26.85E	g	BMRG06MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				P	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		C	LEG-SHIP
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*** Expendable Bathythermographs ***

0430	250296	0	BTXP	XBT for svp#00	GDC	37-20.07S	101-21.45E	g		BMRG06MV
0907	250296	0	BTXP	XBT for svp#01	GDC	37-43.84S	100-23.15E	g		BMRG06MV
0303	260296	0	BTXP	XBT for svp#02	GDC	39-12.10S	96-25.00E	g		BMRG06MV
0251	270296	0	BTXP	XBT for svp#03	GDC	41-10.41S	90-53.14E	g		BMRG06MV
0311	270296	0	BTXP	XBT for svp#04	GDC	41-12.08S	90-48.33E	g		BMRG06MV
0211	290296	0	BTXP	XBT for svp#05	GDC	41-02.77S	85-50.34E	g		BMRG06MV
0702	290296	0	BTXP	XBT for svp#06	GDC	41-00.20S	85-55.48E	g		BMRG06MV
0313	010396	0	BTXP	XBT for svp#07	GDC	42-17.36S	84-08.85E	g		BMRG06MV
0512	020396	0	BTXP	XBT for svp#08	GDC	42-21.23S	82-33.83E	g		BMRG06MV
0407	030396	0	BTXP	XBT for svp#09	GDC	41-27.20S	80-55.94E	g		BMRG06MV
0311	050396	0	BTXP	XBT for svp#10	GDC	41-09.11S	79-57.86E	g		BMRG06MV
1535	060396	0	BTXP	XBT for svp#11	GDC	41-46.30S	79-44.89E	g		BMRG06MV
0805	080396	0	BTXP	XBT for svp#12	GDC	40-58.08S	78-22.86E	g		BMRG06MV
0404	090396	0	BTXP	XBT for svp#13	GDC	41-13.91S	77-37.32E	g		BMRG06MV
0255	110396	0	BTXP	XBT for svp#14	GDC	40-32.92S	78-08.19E	g		BMRG06MV
0655	110396	0	BTXP	XBT for svp#15	GDC	40-45.42S	77-38.74E	g		BMRG06MV
0404	120396	0	BTXP	XBT for svp#16	GDC	39-53.97S	78-28.98E	g		BMRG06MV
0802	130396	0	BTXP	XBT for svp#17	GDC	39-49.09S	78-23.52E	g		BMRG06MV
0315	140396	0	BTXP	XBT for svp#18	GDC	40-05.22S	78-36.45E	g		BMRG06MV
0802	170396	0	BTXP	XBT for svp#19	GDC	39-04.03S	78-20.37E	g		BMRG06MV
0346	180396	0	BTXP	XBT for svp#20	GDC	39-17.54S	78-08.16E	g		BMRG06MV
0316	190396	0	BTXP	XBT for svp#21	GDC	39-25.70S	78-09.60E	g		BMRG06MV
0502	200396	0	BTXP	XBT for svp#22	GDC	38-42.67S	78-21.19E	g		BMRG06MV
0335	210396	0	BTXP	XBT for svp#23	GDC	38-49.81S	77-54.48E	g		BMRG06MV
1511	240396	0	BTXP	XBT for svp#24	GDC	37-51.81S	78-11.61E	g		BMRG06MV
0405	250396	0	BTXP	XBT for svp#25	GDC	36-53.85S	79-16.73E	g		BMRG06MV
0250	270396	0	BTXP	XBT for svp#26	GDC	37-58.98S	78-09.80E	g		BMRG06MV
1545	270396	0	BTXP	XBT for svp#27	GDC	37-54.88S	77-46.43E	g		BMRG06MV
0258	280396	0	BTXP	XBT for svp#28	GDC	37-35.01S	77-59.08E	g		BMRG06MV
0946	290396	0	BTXP	XBT for svp#29	GDC	36-53.47S	78-31.72E	g		BMRG06MV
0529	300396	0	BTXP	XBT for svp#30	GDC	37-09.83S	78-24.01E	g		BMRG06MV
0527	310396	0	BTXP	XBT for svp#31	GDC	36-02.87S	79-33.69E	g		BMRG06MV
0356	010496	0	BTXP	XBT for svp#32	GDC	35-18.85S	78-35.25E	g		BMRG06MV
1016	020496	0	BTXP	XBT for svp#33	GDC	35-38.45S	78-27.82E	g		BMRG06MV
0610	030496	0	BTXP	XBT for svp#34	GDC	33-58.22S	77-34.89E	g		BMRG06MV
0359	040496	0	BTXP	XBT for svp#35	GDC	32-56.96S	78-16.34E	g		BMRG06MV
1638	050496	0	BTXP	XBT for svp#36	GDC	33-54.09S	77-32.32E	g		BMRG06MV
0305	060496	0	BTXP	XBT for svp#37	GDC	34-33.94S	78-14.34E	g		BMRG06MV
0250	070496	0	BTXP	XBT for svp#38	GDC	34-11.40S	82-34.20E	g		BMRG06MV
1626	080496	0	BTXP	XBT for svp#39	GDC	31-08.89S	88-53.91E	g		BMRG06MV
0120	100496	0	BTXP	XBT for svp#40	GDC	28-40.33S	96-30.92E	g		BMRG06MV
0309	100496	0	BTXP	XBT for svp#41	GDC	28-33.44S	96-56.50E	g		BMRG06MV
0430	120496	0	BTXP	XBT for svp#42	GDC	24-03.03S	107-23.36E	g		BMRG06MV

End Sample Index

BMRG06MV