

REPORT AND INDEX OF
UNDERWAY MARINE GEOPHYSICAL DATA

AVON EXPEDITION

LEG 2

(AVON02MV)

R/V Melville

(Issued June 1999)

Ports:

Majuro, Marshall Islands (23 January 1999)
to
Pago Pago, American Samoa (9 March 1999)

Chief Scientist:

Hubert Staudigal, Scripps Institution
email:hstaudigal@ucsd.edu

Computer Technician - Jim Charters

Resident Marine Technician - Gene Pillard

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

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.# 284

**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.

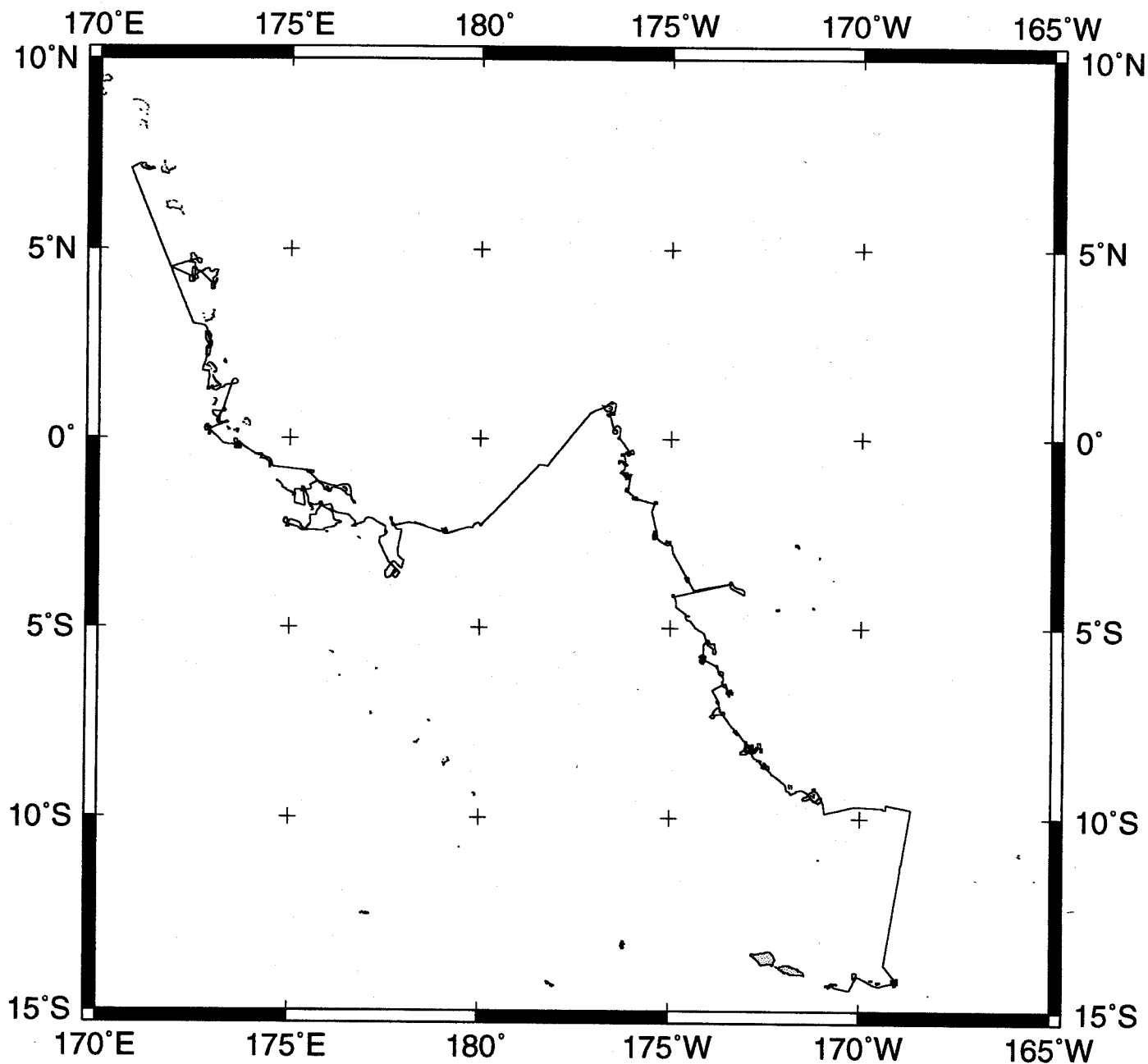
Track Charts - annotated with dates and hour ticks.

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 collected on the leg.

NOTE: One or more of the underway data types may not be collected on a given 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 via ftp or on 8mm (Exabyte) and 4mm (DAT) magnetic tape:
 - a) Separate time series ASCII files of navigation, single beam depth, gravity and magnetics.
 - b) Above data in a single merged ASCII file in the MGD77 Exchange Format.
 - c) SeaBeam depth data (binary, Sun byte order)
 - 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) 3.5 kHz and 12 kHz echosounder records.
 - d) Seismic reflection profiler records.
3. Navigation listing with times and positions of fixes and course and speed changes.
4. Custom plots in Mercator projection:
 - a) Track plots.
 - b) SeaBeam depth contour plots.
 - c) Depth, magnetic or gravity values printed or profiled along track.



AVON EXPEDITION LEG 2 (AVON02MV)

CHIEF SCIENTIST: Hubert Staudigal, Scripps Institution

PORTS: Majuro, Marshall Is.-Pago Pago, Amer. Samoa

DATES: 26 January - 9 March 1999

SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise - 6400 miles

Magnetics - 5775 miles

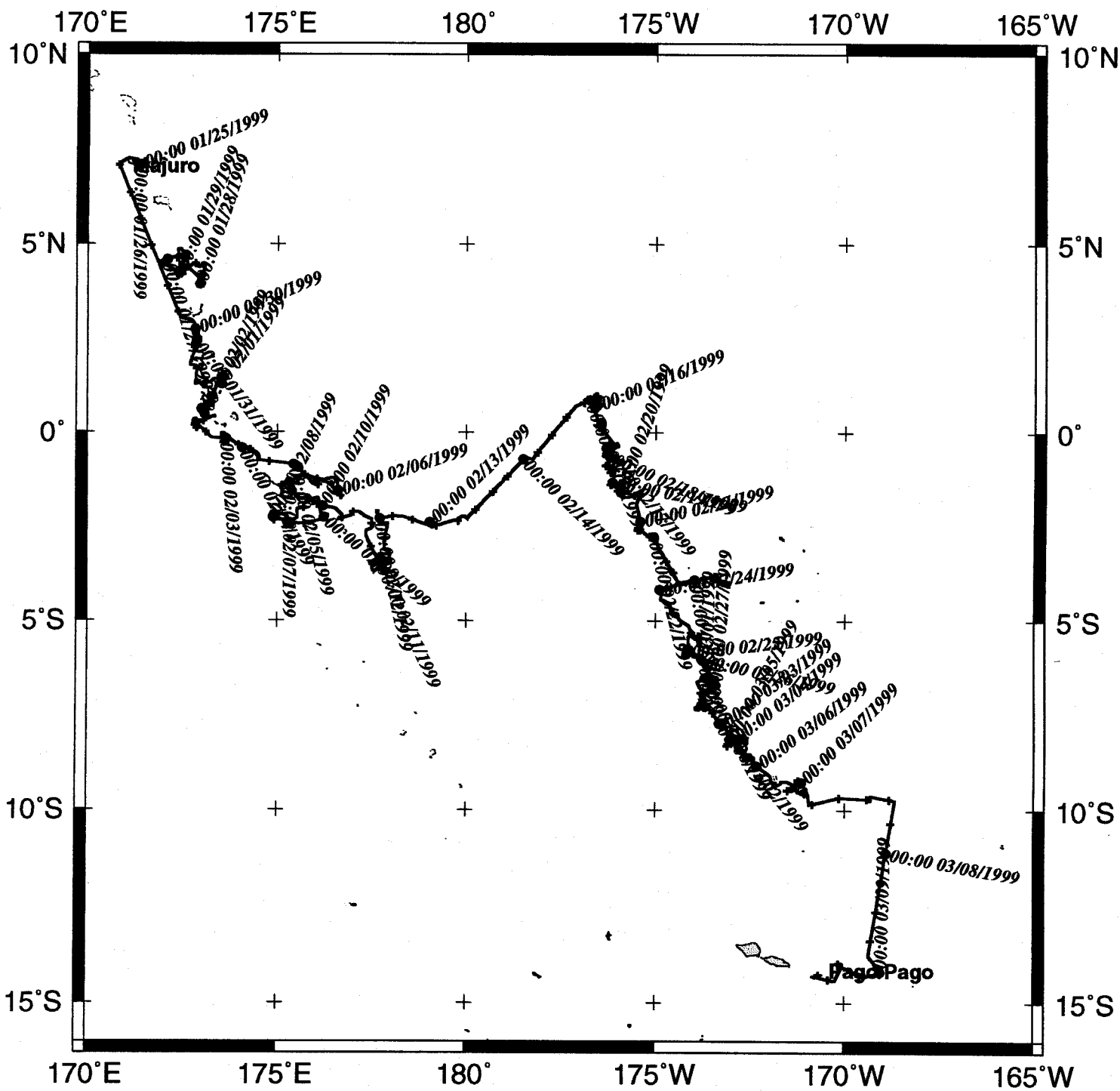
Bathymetry - 6383 miles

Seismic Reflection - none collected

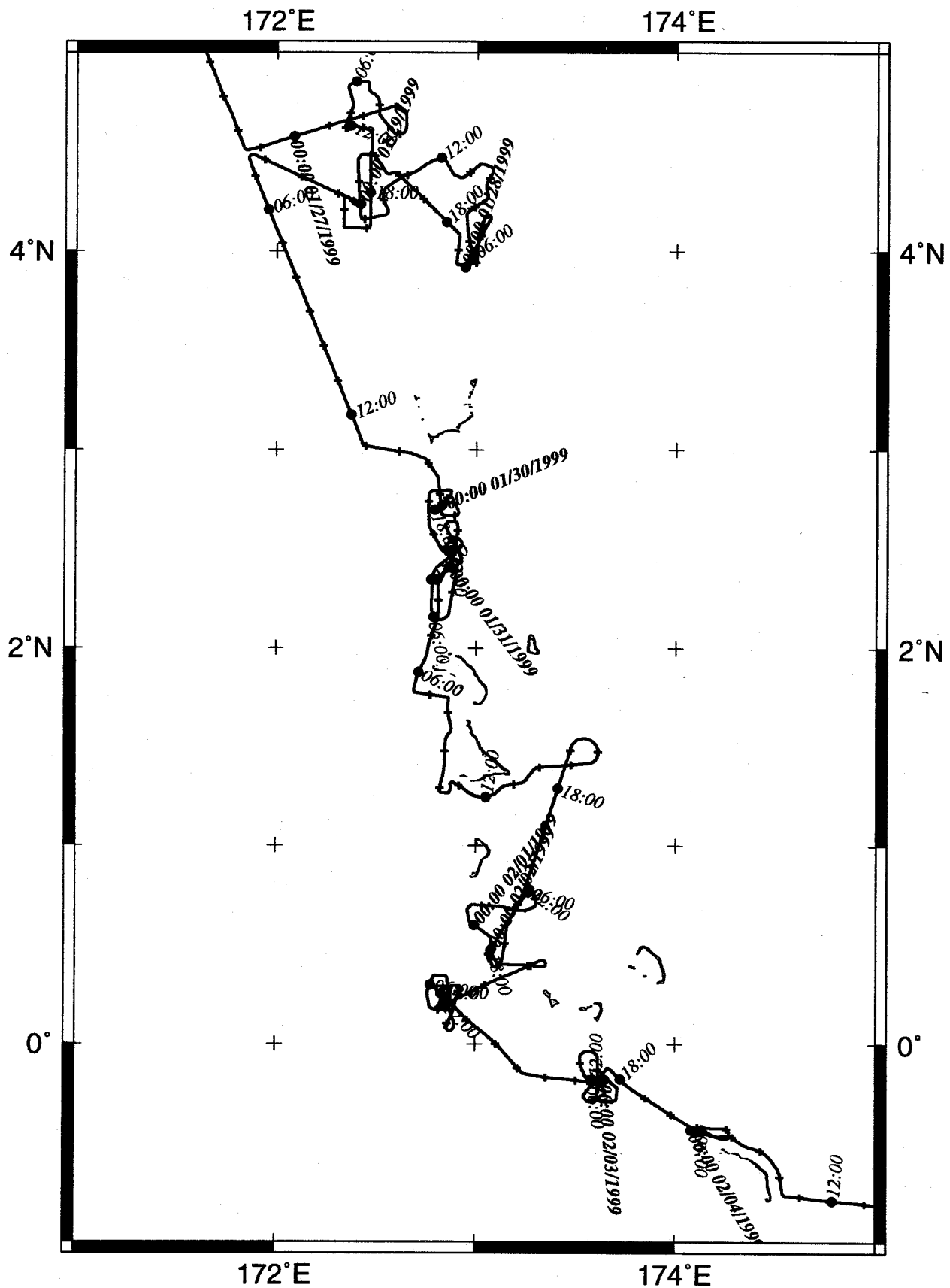
Sea Beam - 6383 miles

Gravity - 6200 collected

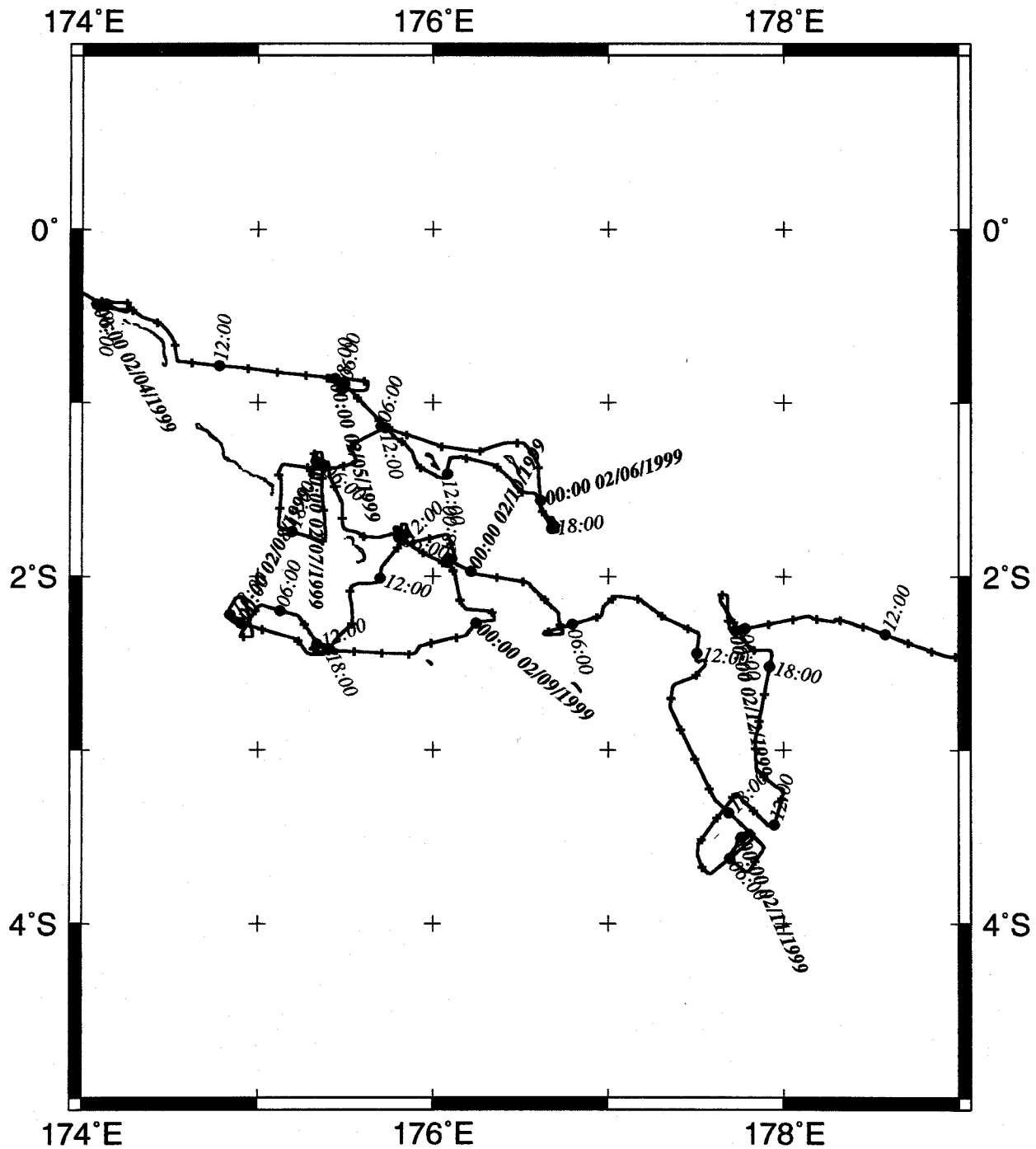
AVON02MV Track



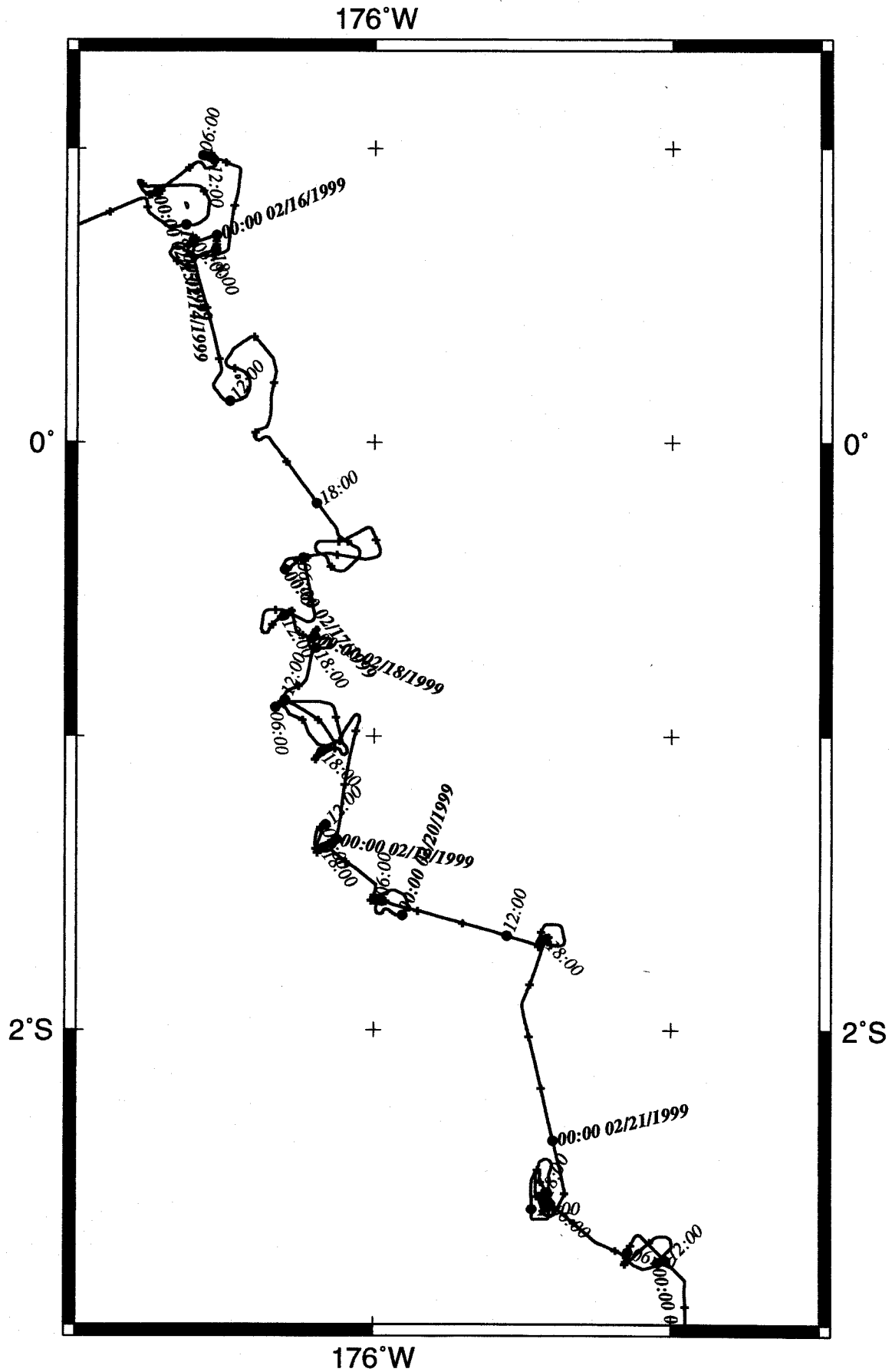
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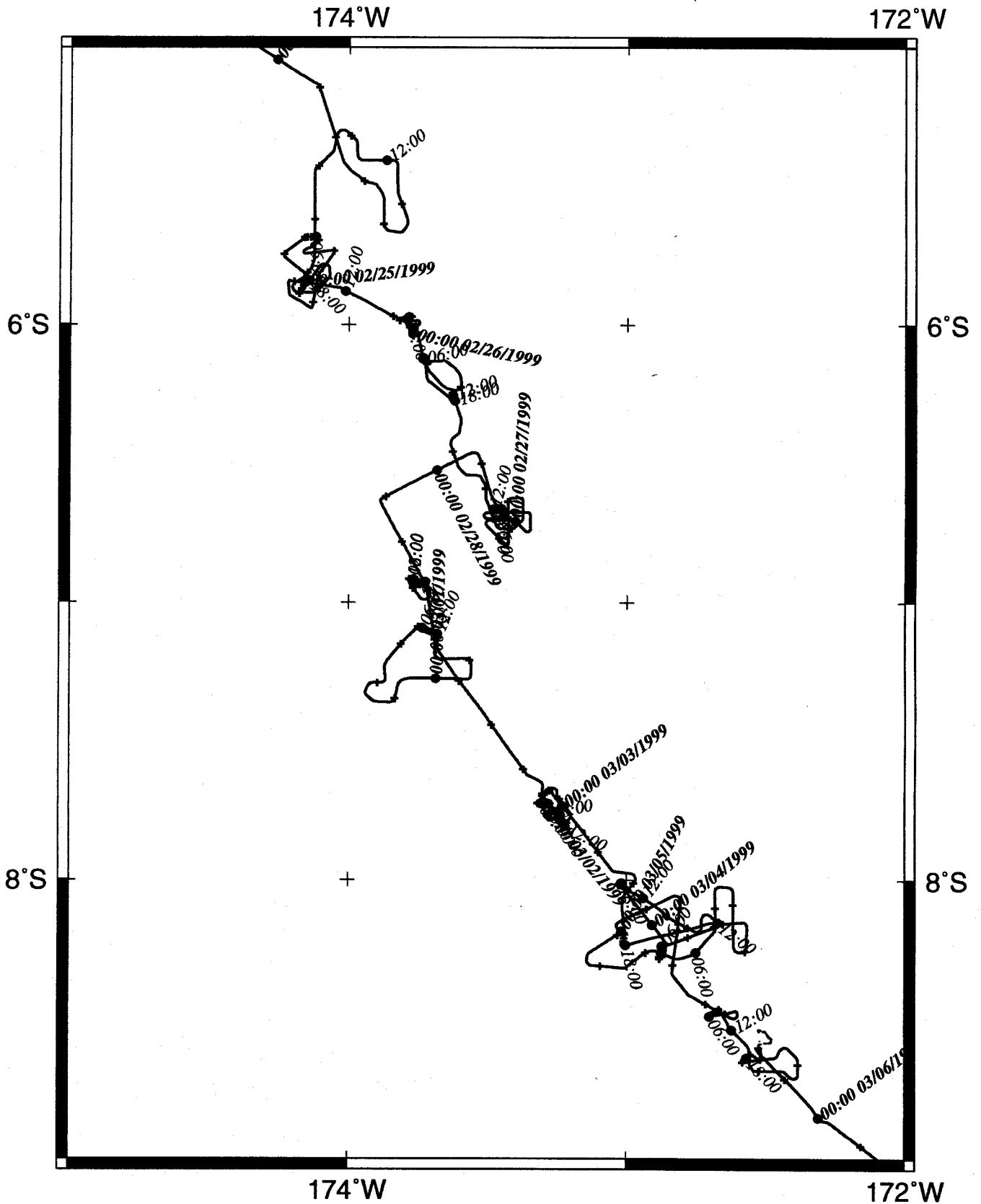
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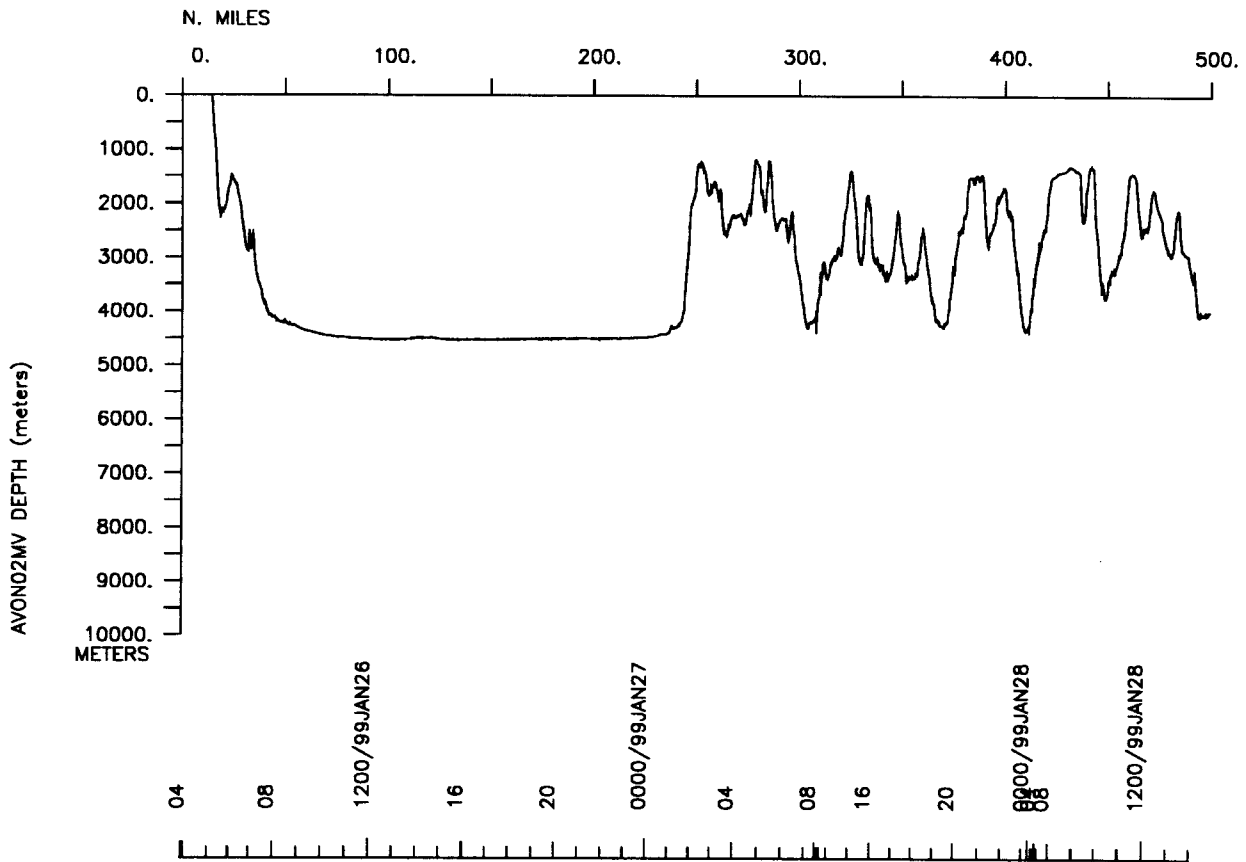
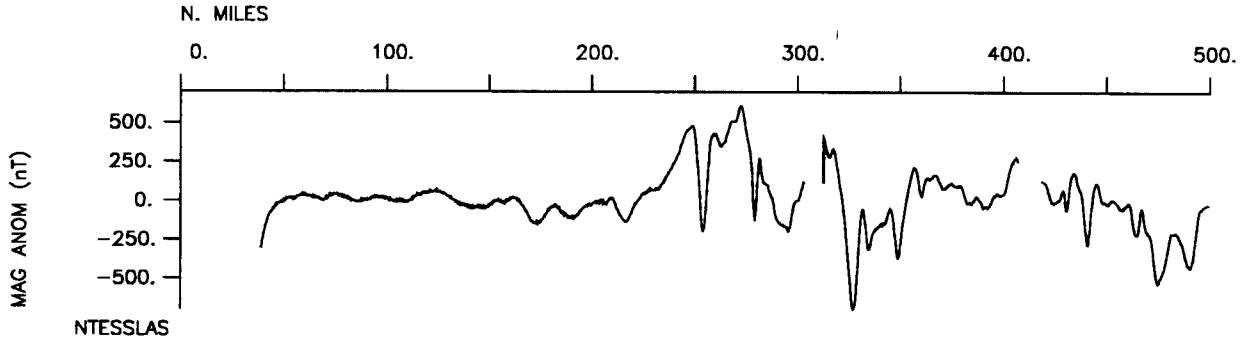
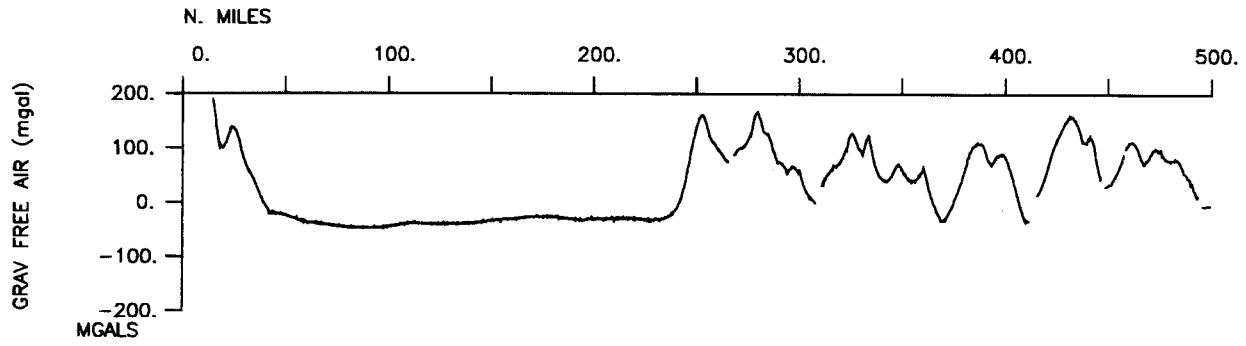


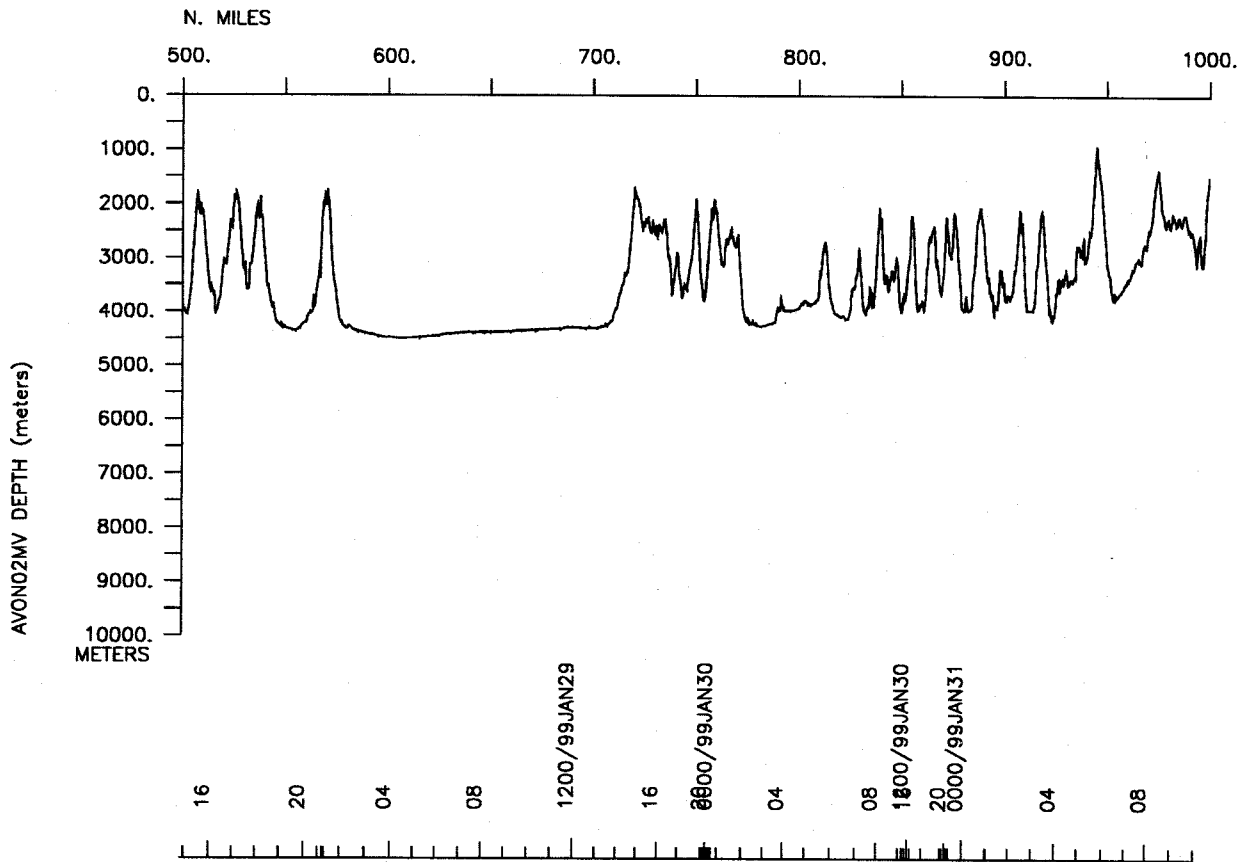
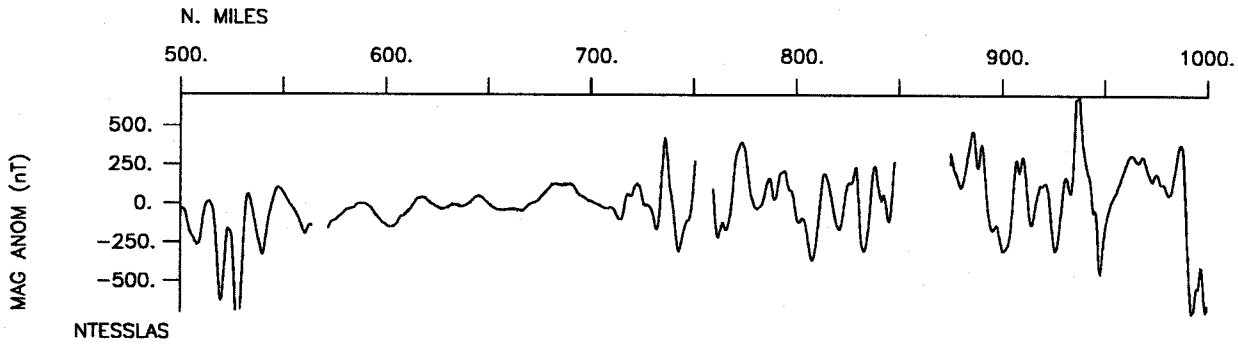
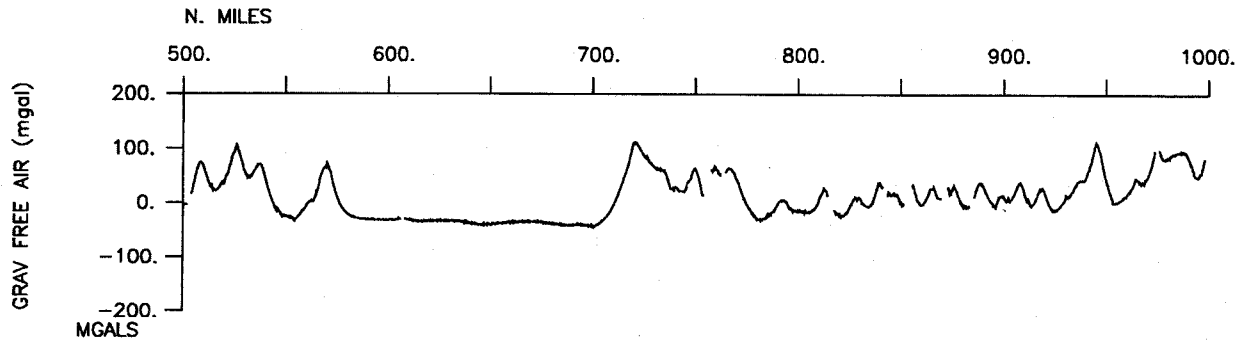
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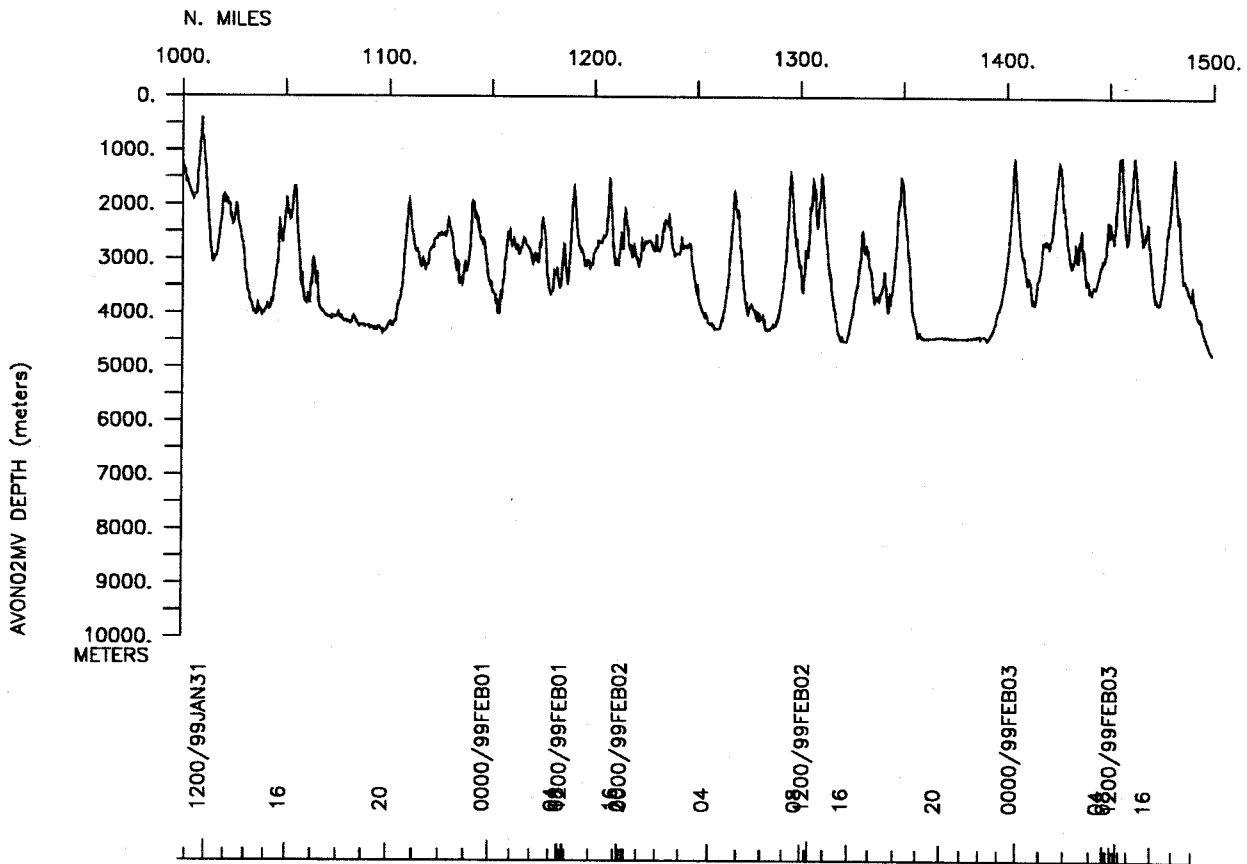
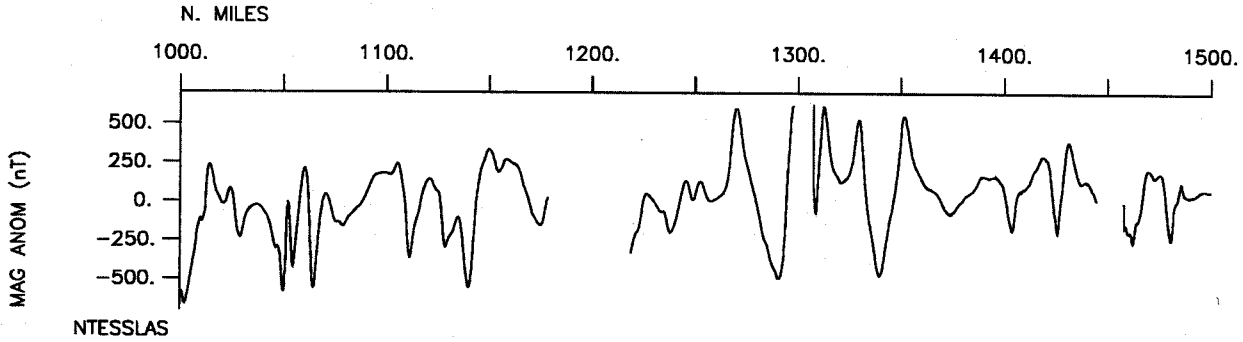
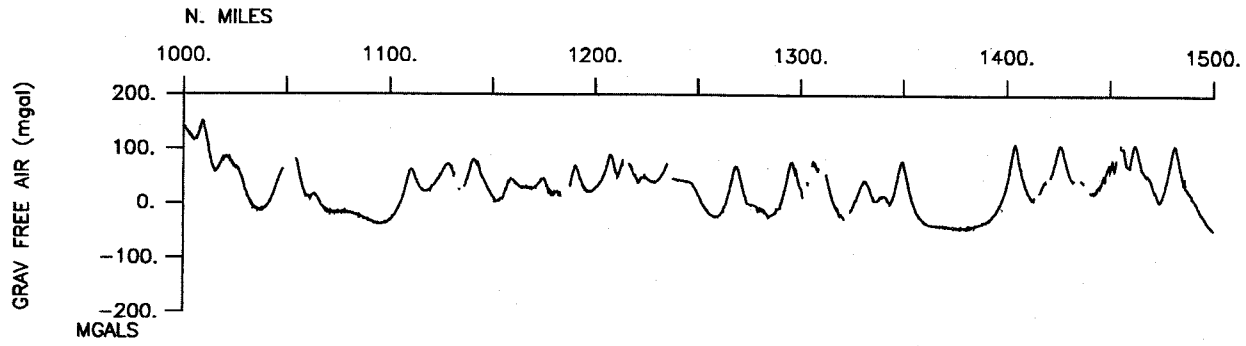


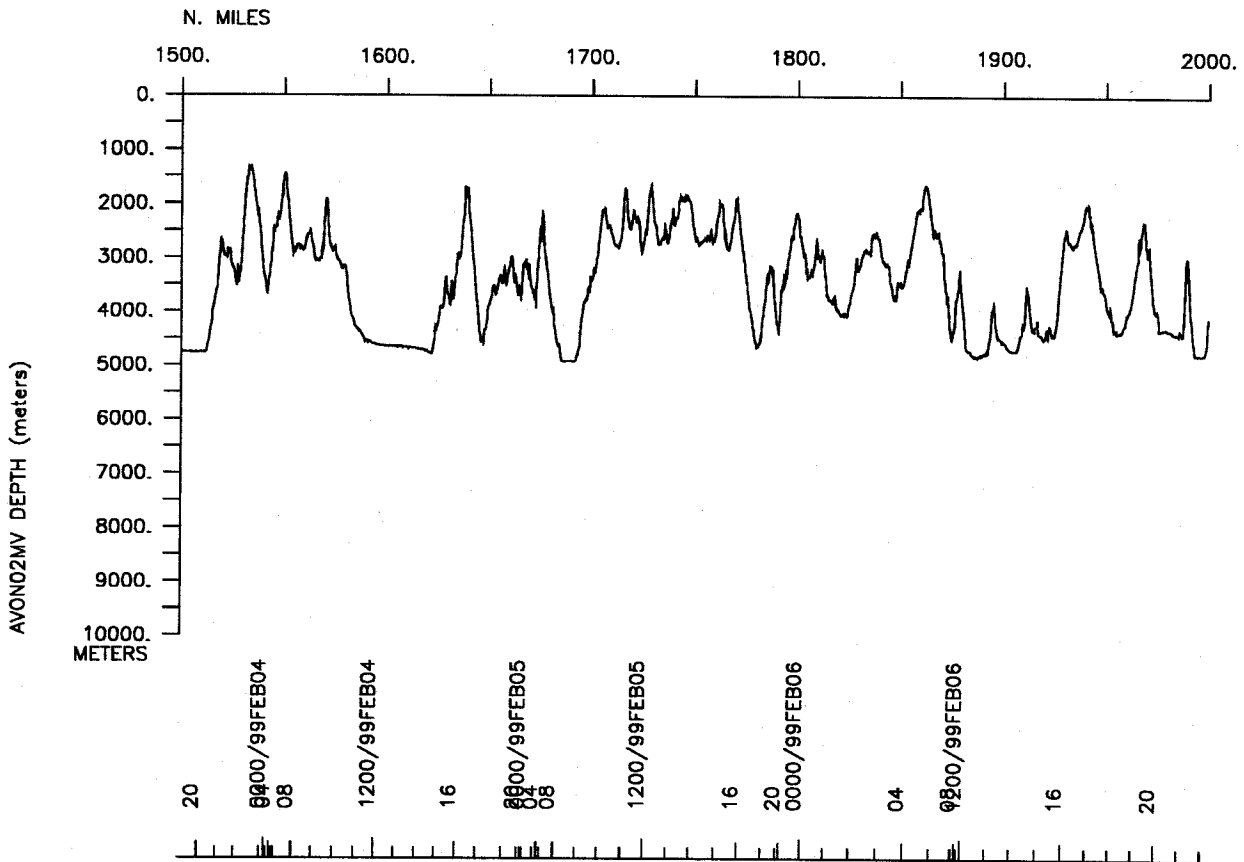
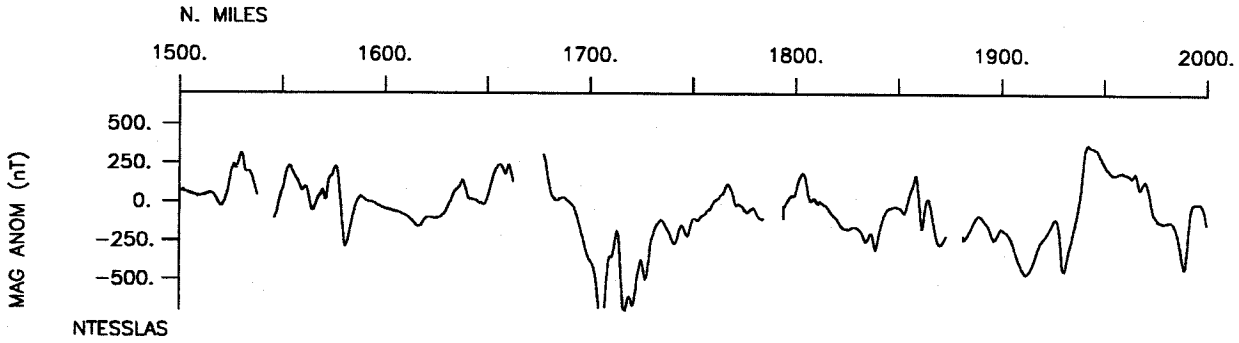
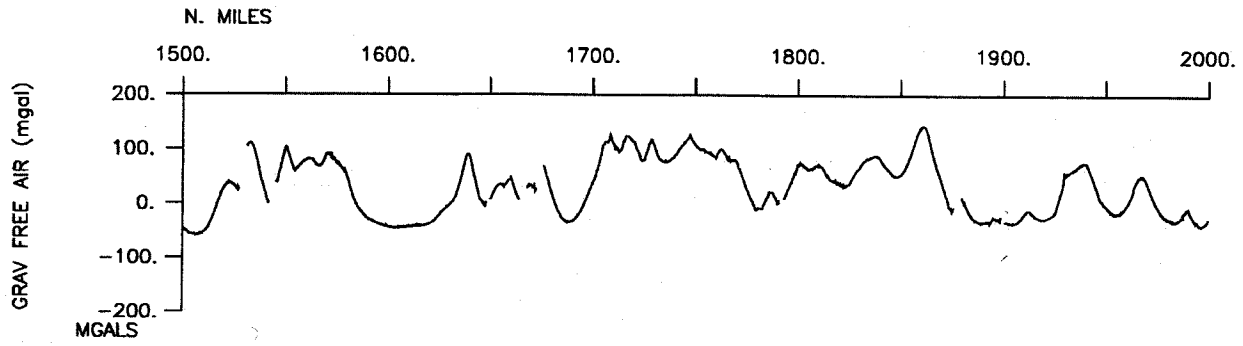
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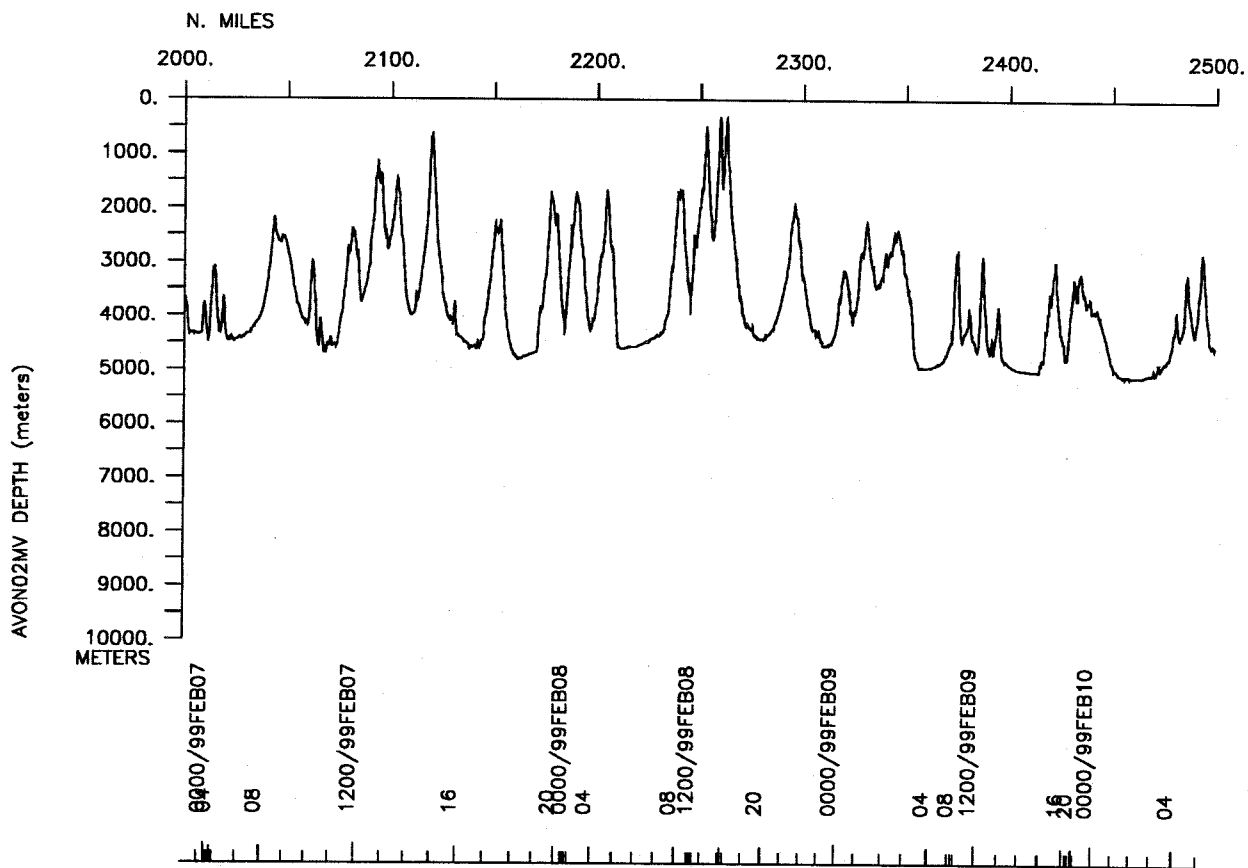
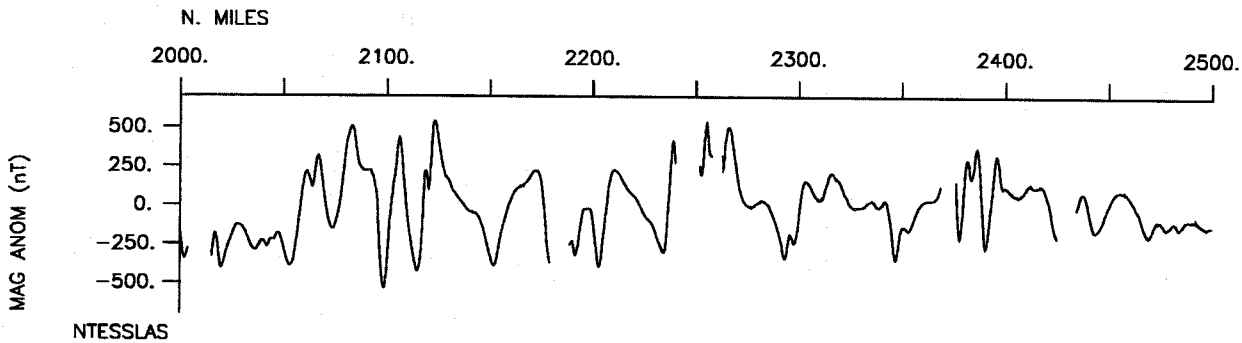
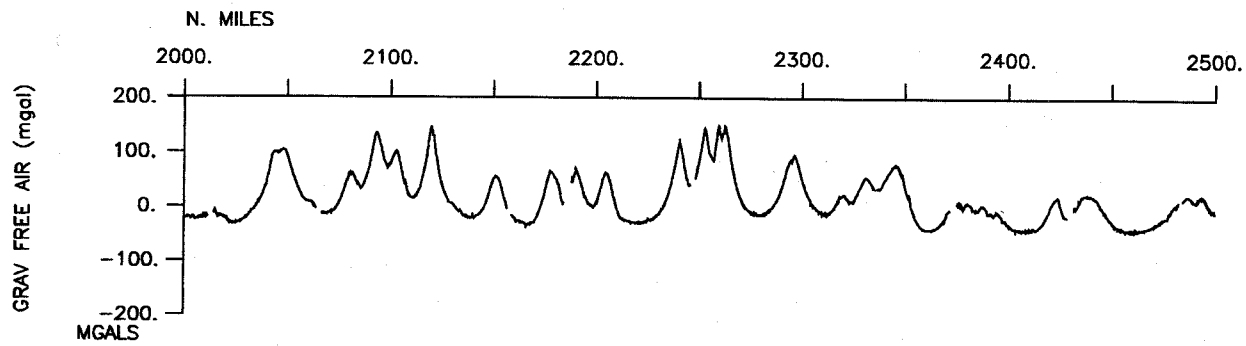


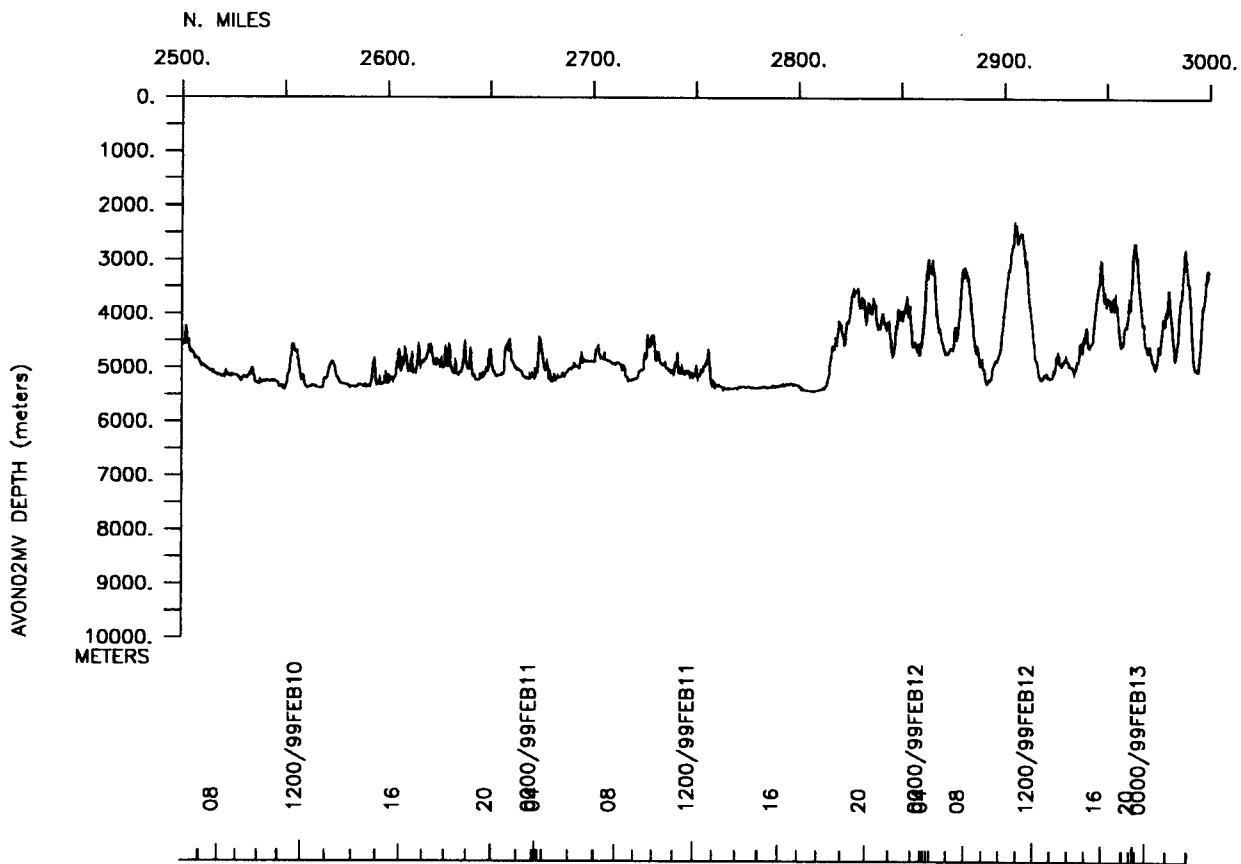
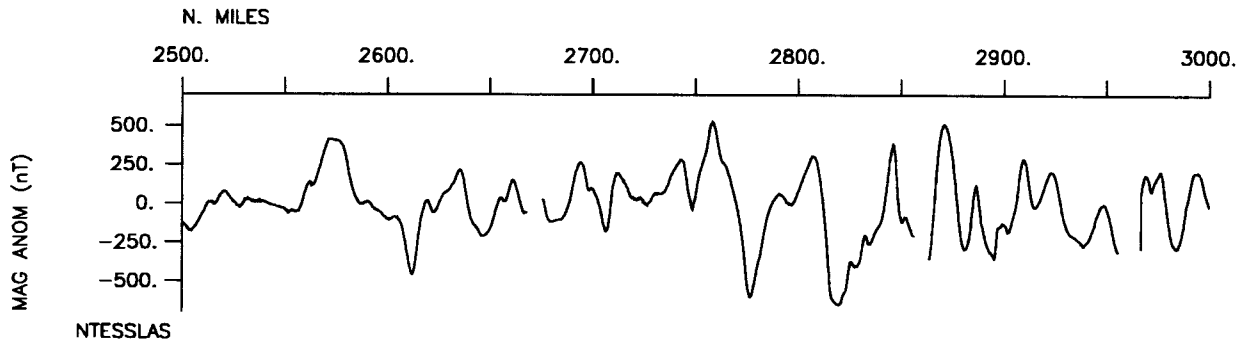
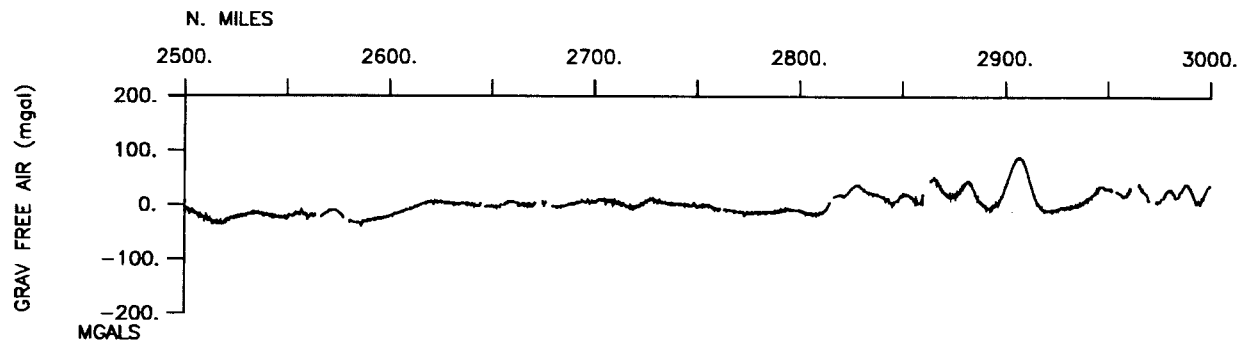


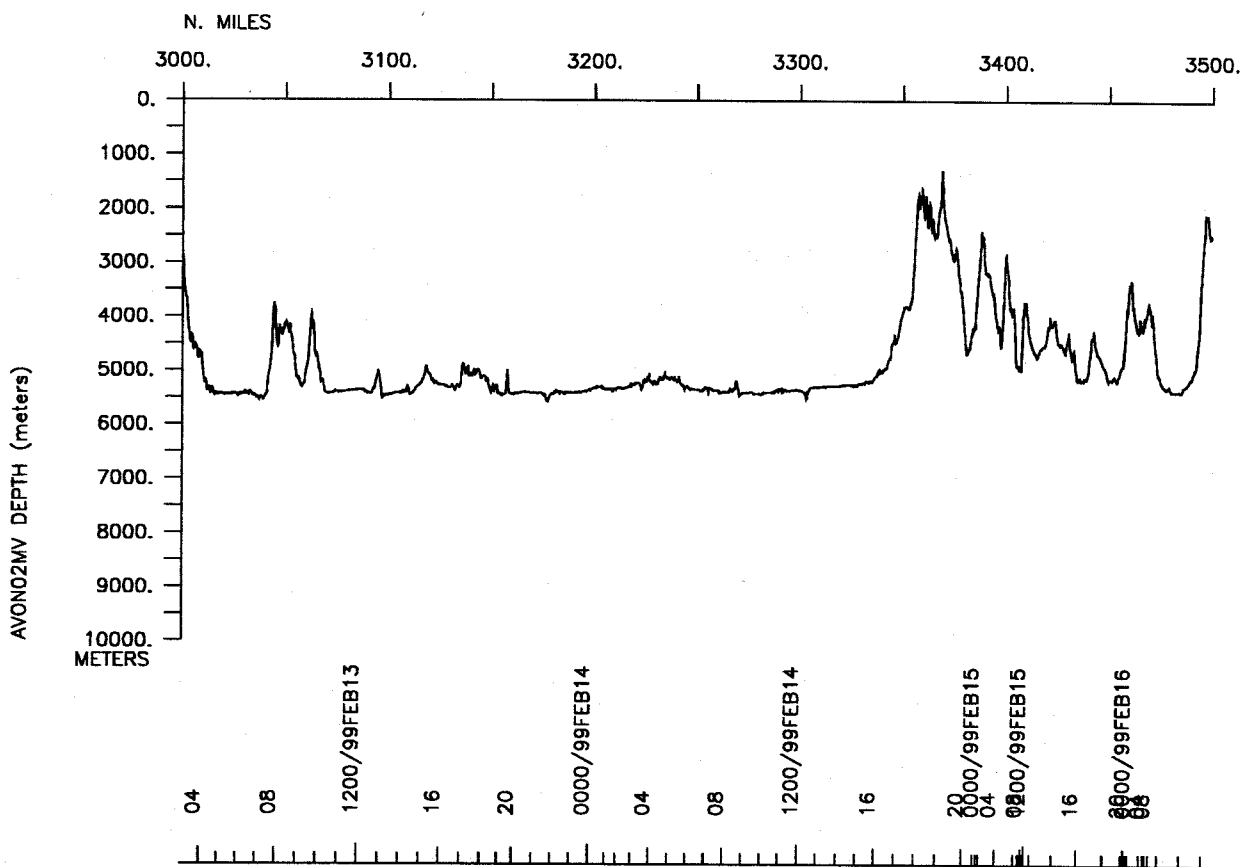
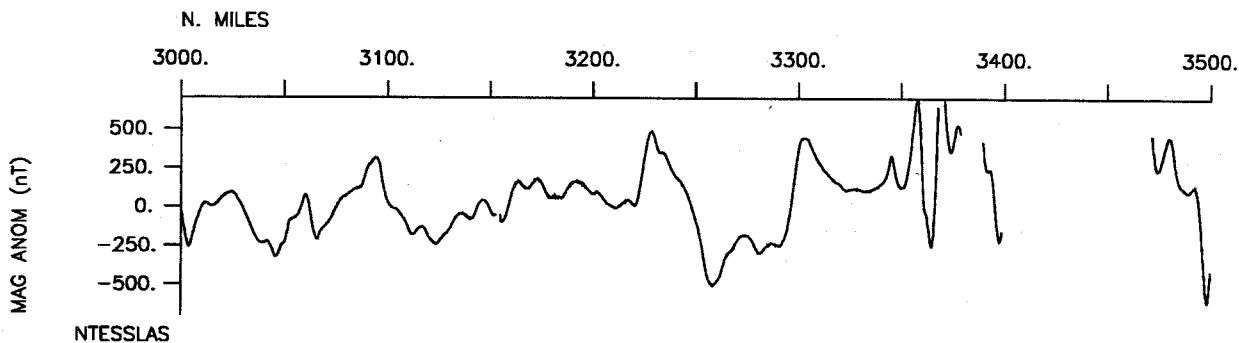
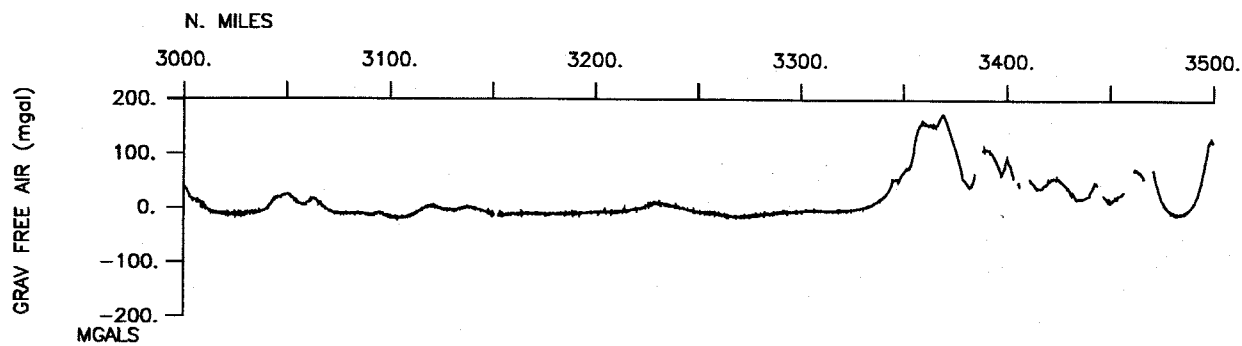


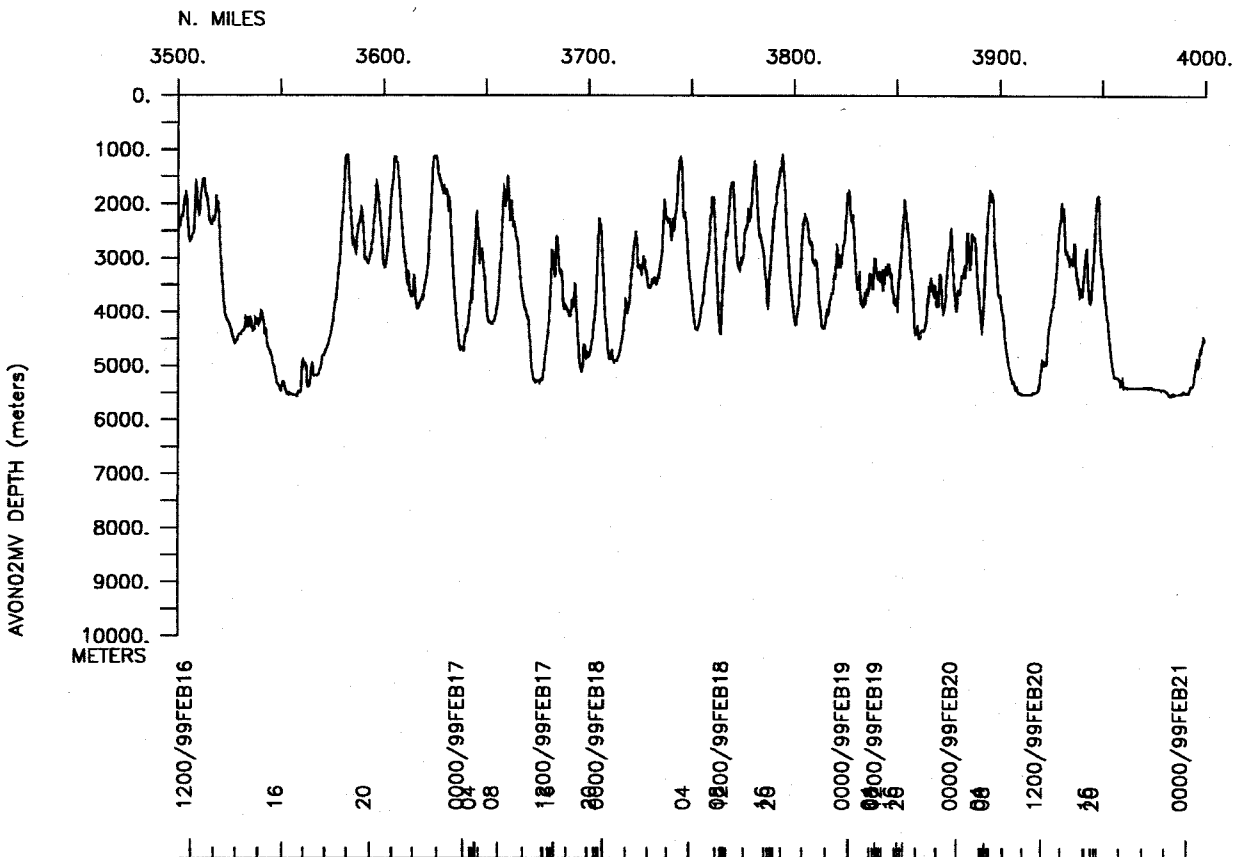
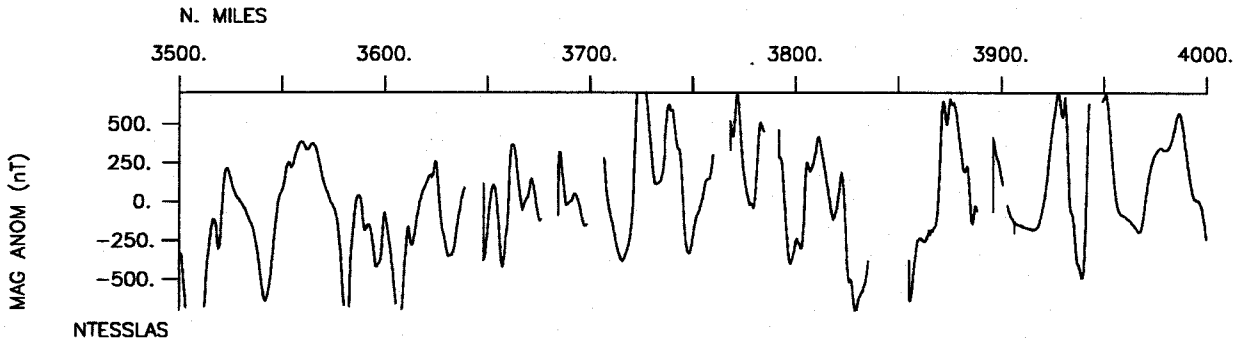
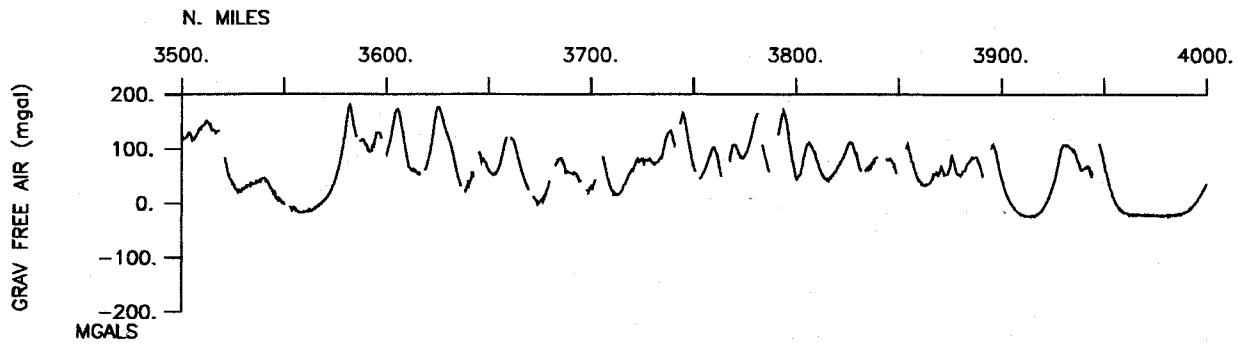


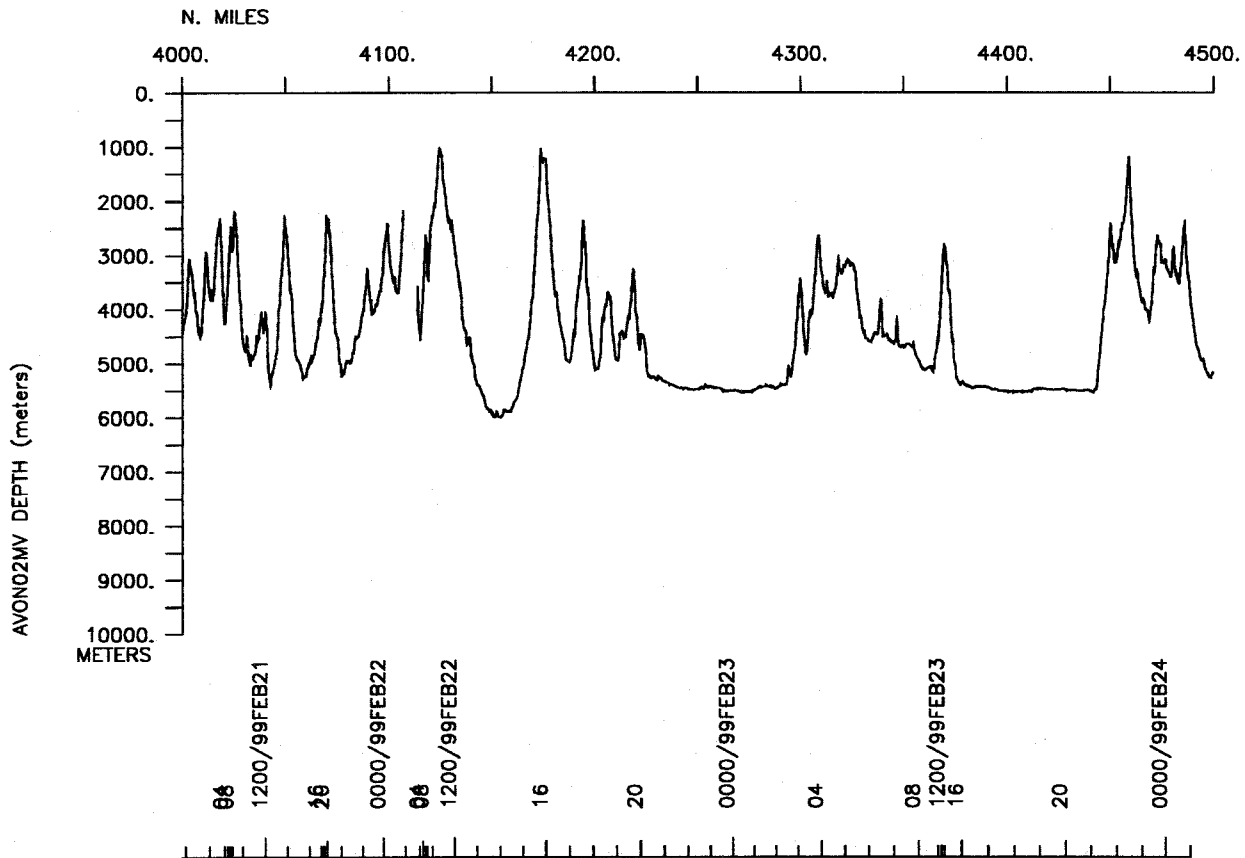
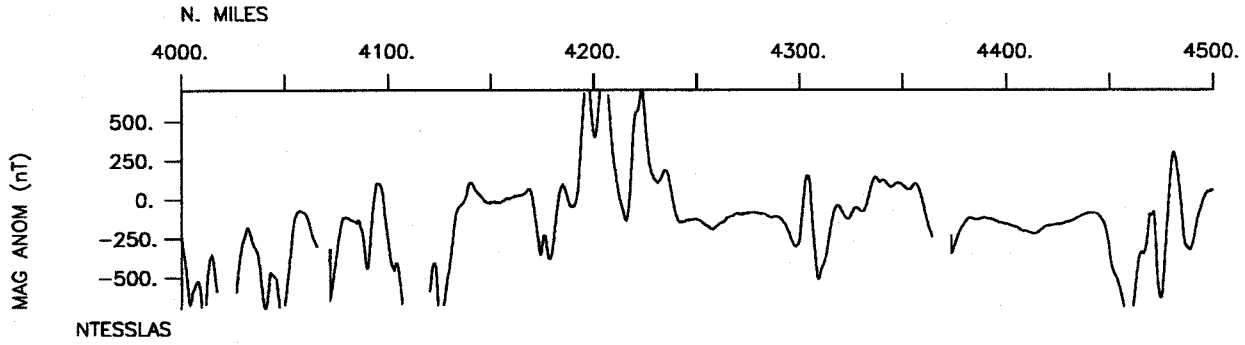
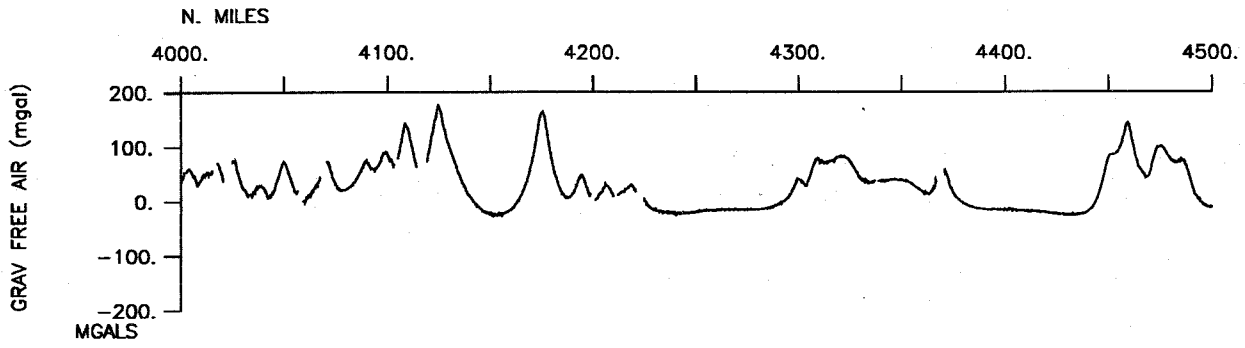


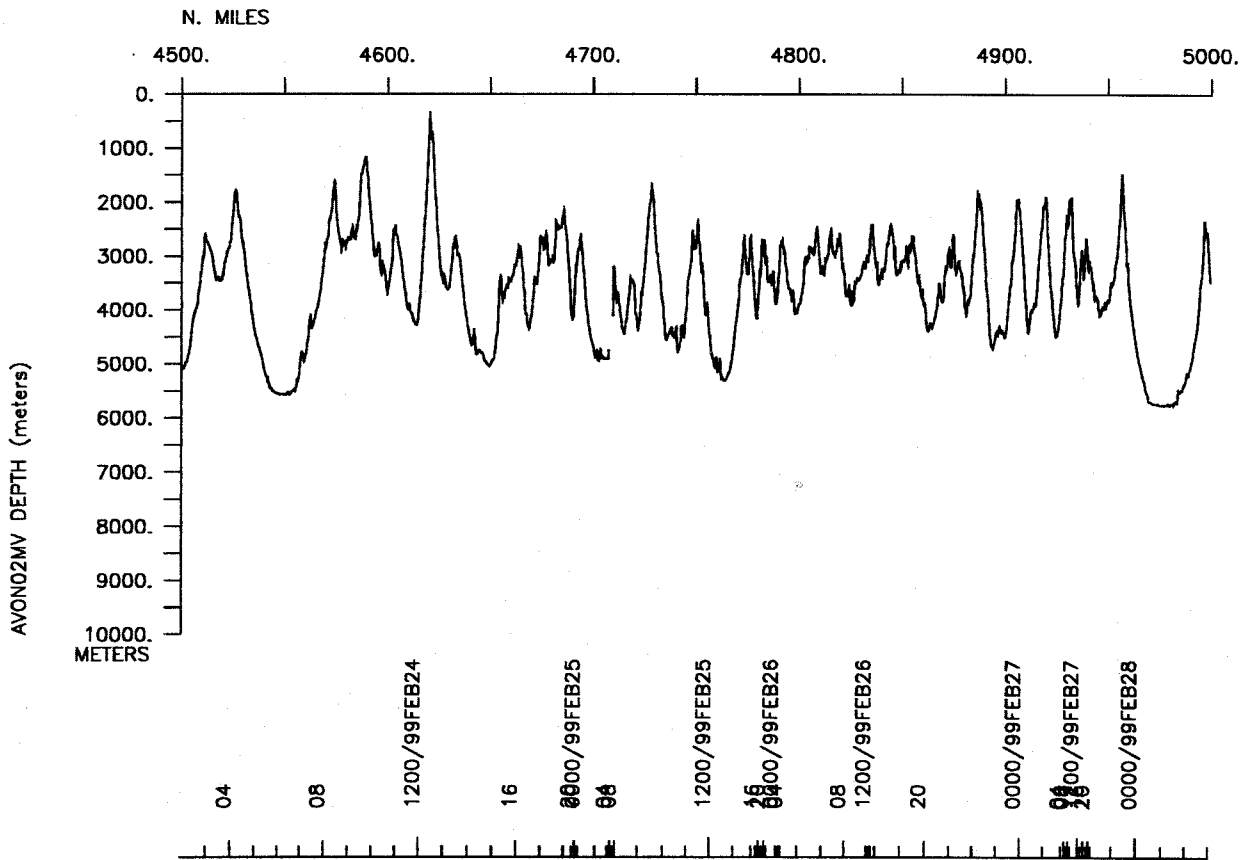
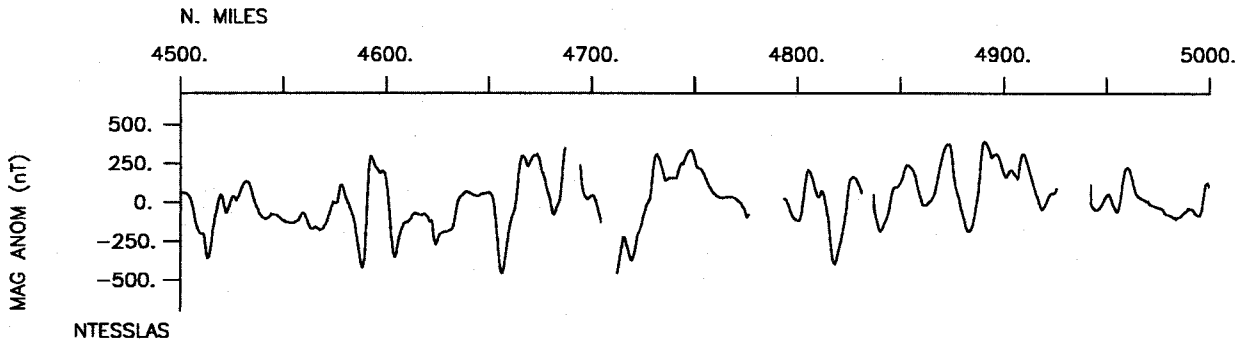
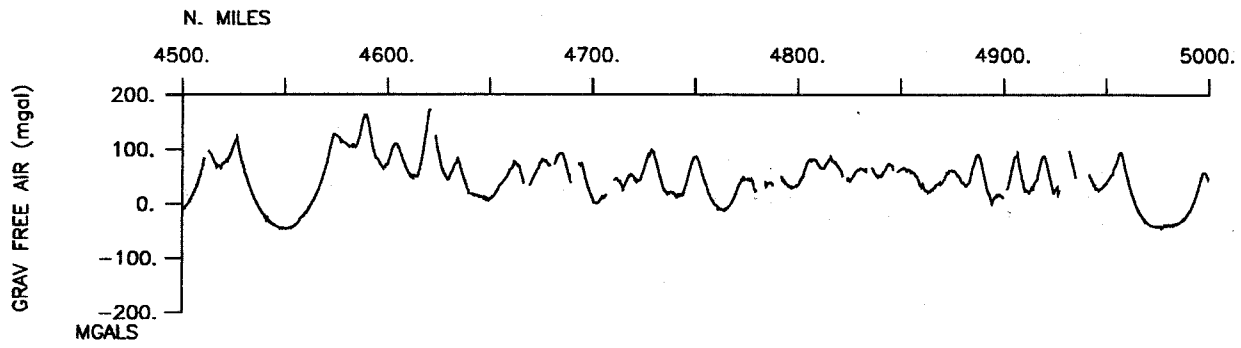


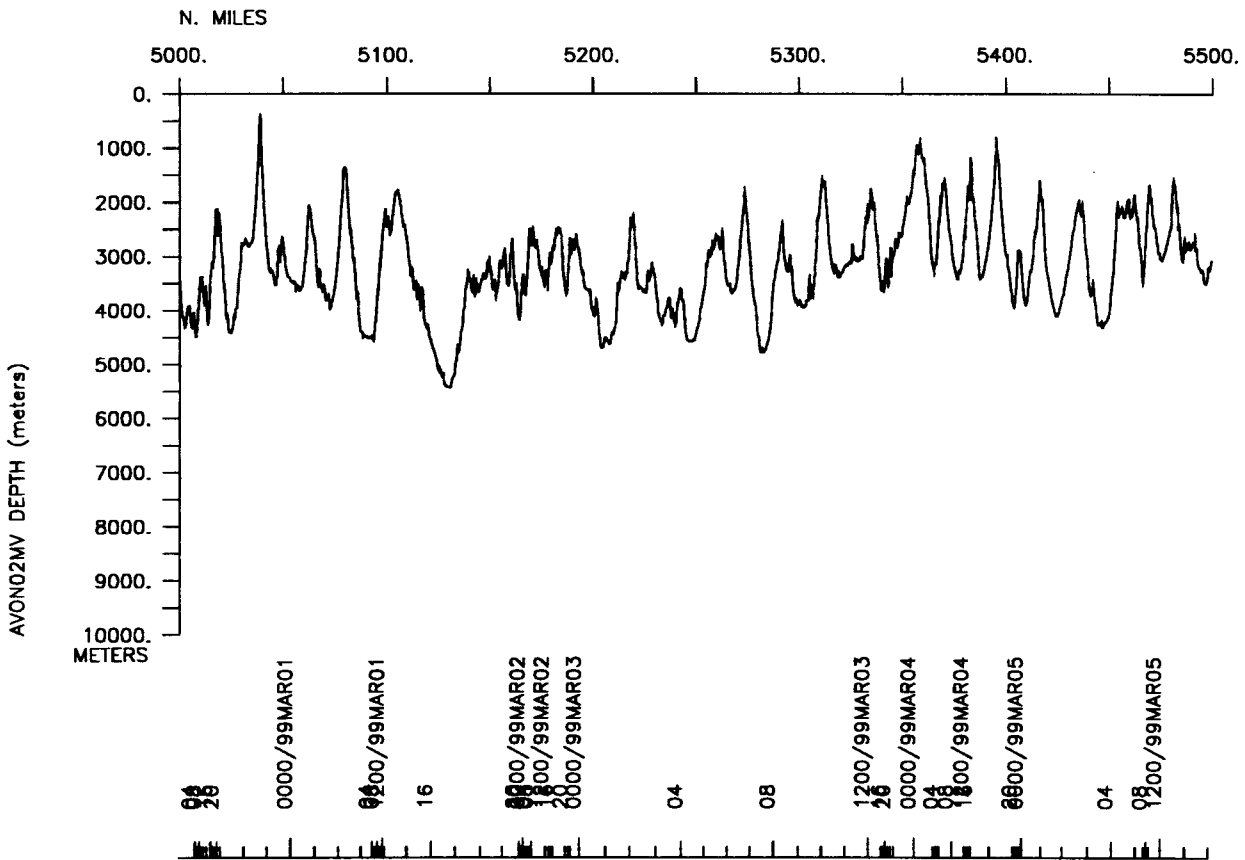
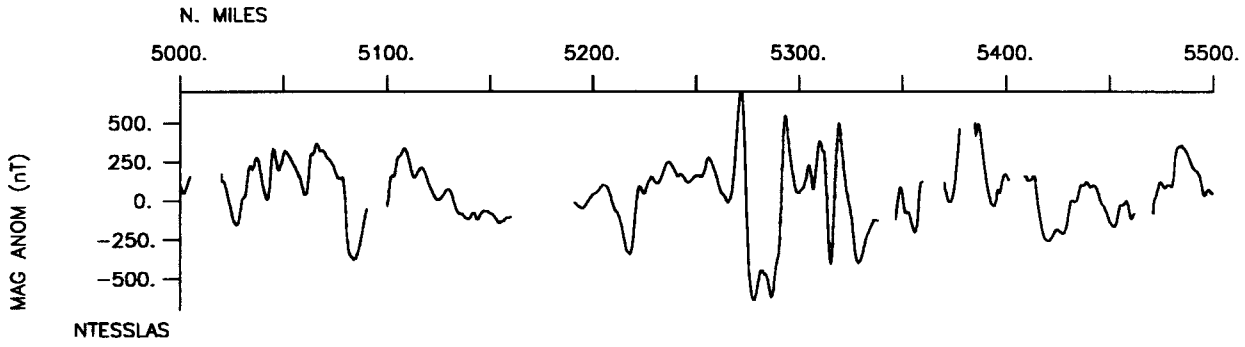
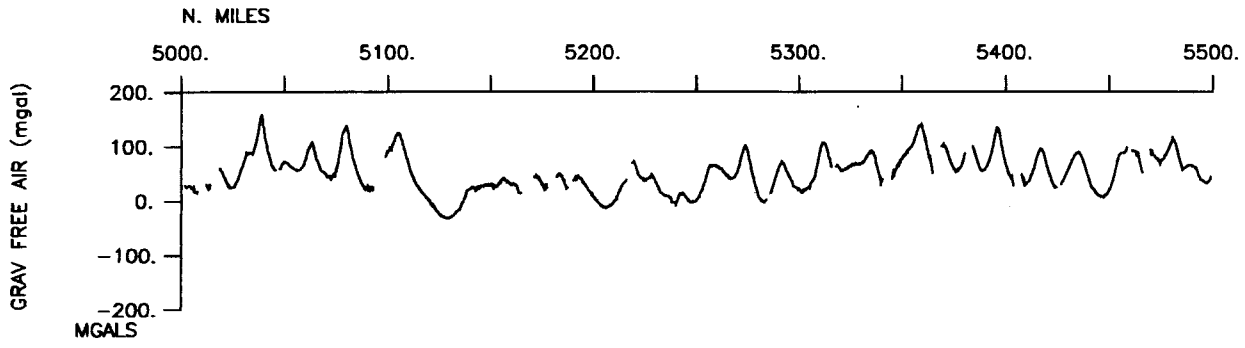


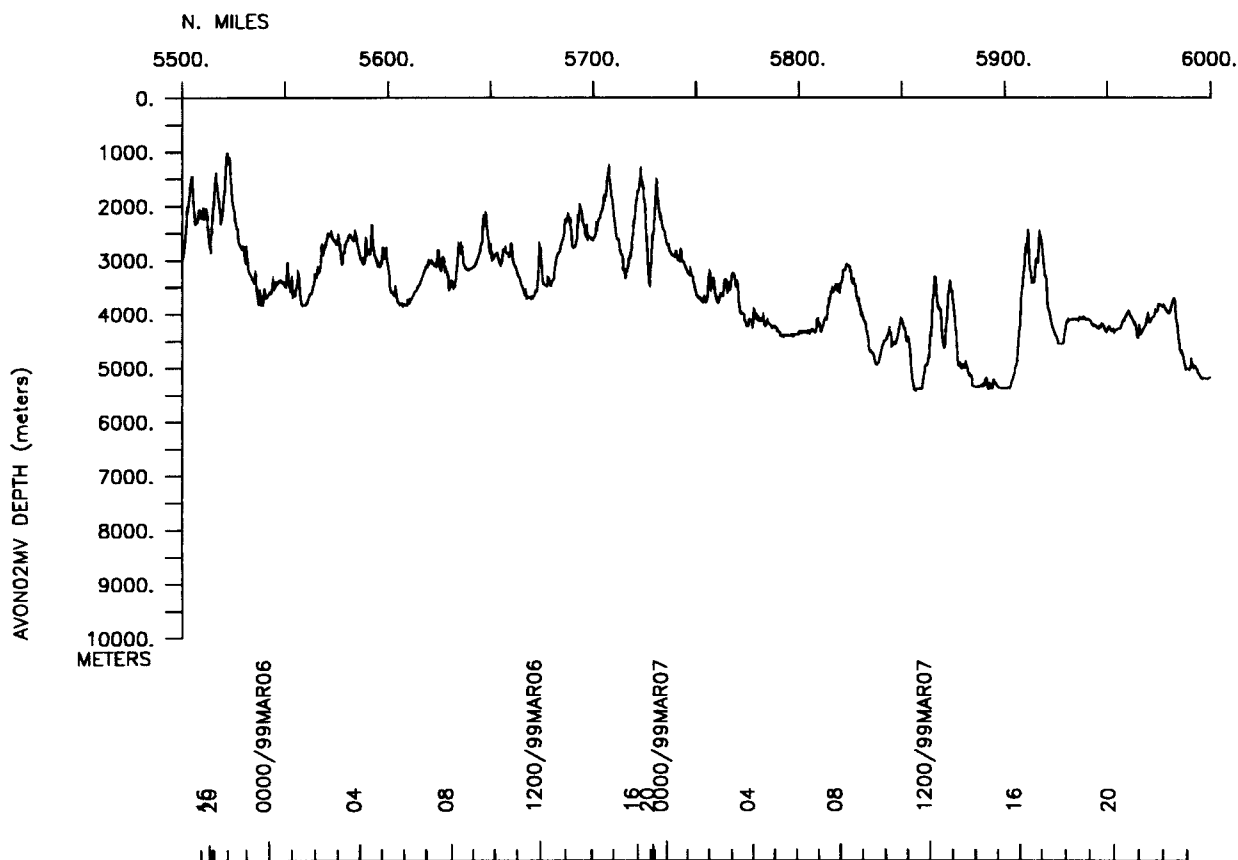
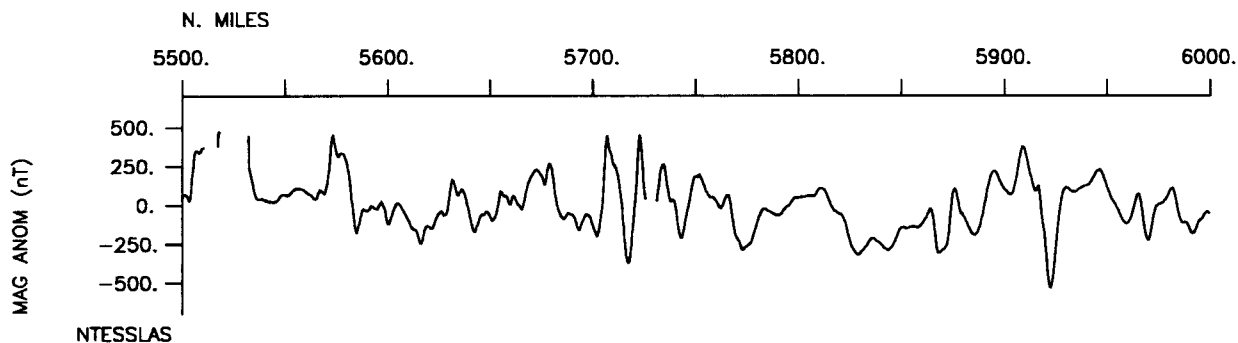
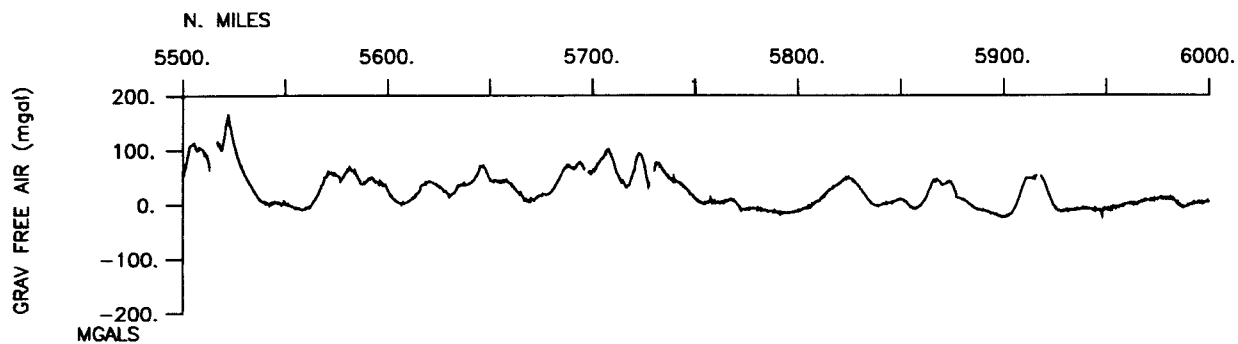


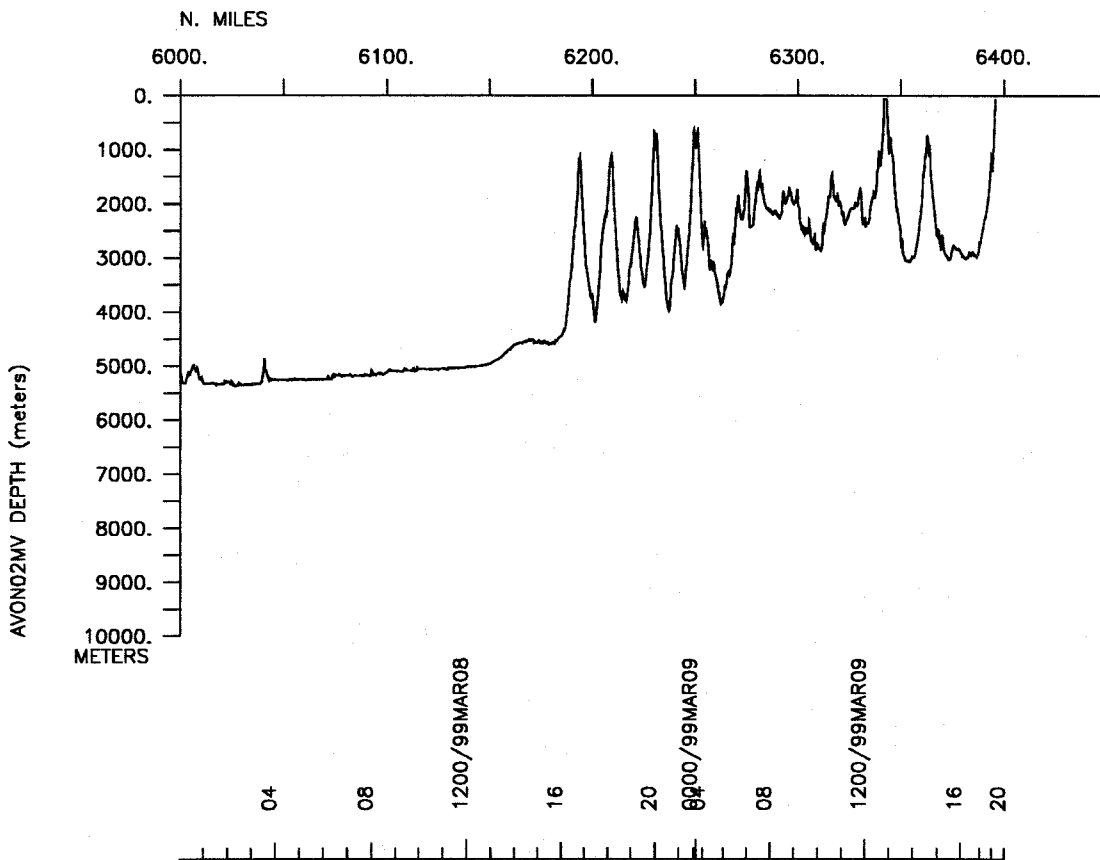
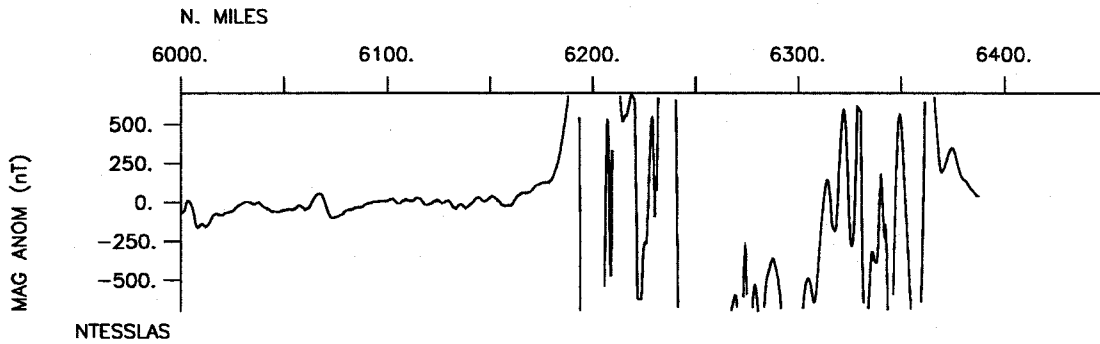
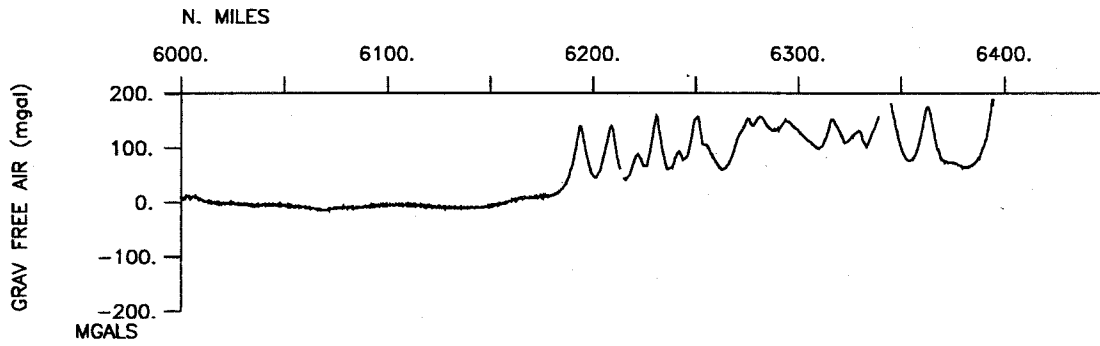












S.I.O. SAMPLE INDEX

AVON EXPEDITION

LEG 2

(AVON02MV)

R/V Melville

(Issued June 1999)

Ports:

Majuro, Marshall Islands (26 January 1999)

to

Pago Pago, American Samoa (9 March 1999)

Chief Scientist:

Hubert Staudigal, Scripps Institution

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.# 284

**** Ports ***

0354	260199	LGPT B Majuro, Marshall Is.	07-06.00N 171-15.00E	f	AVON02MV
1900	090399	LGPT E Pago Pago, Amer. Samoa	14-17.00S 170-40.00W	f	AVON02MV

**** Personnel ***

#	*****NAME*****	*****TITLE*****	*****AFFILIATION*****	**CRID**
PECS	IGPP Staudigal, H.	Chief Scientist	Scripps Institution	AVON02MV
PEVL	SIX Arbesman, K.	Volunteer	Non-Scripps Employee	AVON02MV
PECT	STS Charters, J	Computer tech	Scripps Institution	AVON02MV
PEVL	SIX Dodds, J.	Volunteer	Non-Scripps Employee	AVON02MV
PEVL	SIX Herman, S.	Volunteer	Non-Scripps Employee	AVON02MV
PEXN	SIX Konter, J.	Volunteer	Netherlands	AVON02MV
PESP	IGPP Koppers, A.	Scientist	Scripps Institution	AVON02MV
PEVL	UCLA Lassak, L.M.	Volunteer	U.C.Los Angeles	AVON02MV
PEST	IGPP Lyons, S.	Grad Student	Scripps Institution	AVON02MV
PEST	TAMU O'Donnell, G.	Grad Student	Texas A&M	AVON02MV
PESP	IGPP Phipps-Morgan, J.	Scientist	Scripps Institution	AVON02MV
PERT	STS Pillard, E.	Resident tech	Scripps Institution	AVON02MV
PESP	TAMU Sager, W.	Scientist	Texas A&M	AVON02MV
PEVL	SIX Taylor, R.	Volunteer	Non-Scripps Employee	AVON02MV
PEXN	SIX Kantu, K.	Observer	Kiribati	AVON02MV

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

**** Underway Data Curator - S. M. Smith/Geological Data Center ext. 42752 ****

**** Log Books ***

0531	260199	0	LBUE	B	Underway Log Book	GDC	7-13.63N	171-10.06E	g	AVON02MV
1815	090399	0	LBUE	E	Underway Log Book	GDC	14-19.71S	170-40.71W	g	AVON02MV
0400	260199	0	LBSC	B	Scientific Log Book	IGPP	7-05.34N	171-21.85E	g	AVON02MV
1900	090399	0	LBSC	E	Scientific Log Book	IGPP	14-16.56N	170-40.94E	g	AVON02MV

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

0531	260199	0	MBSR	B	v.beam&sidescan r-01	GDC	7-13.63N	171-10.06E	g	AVON02MV
1500	280199	0	MBSR	E	v.beam&sidescan r-01	GDC	4-09.62N	172-26.17E	g	AVON02MV
1505	280199	0	MBSR	B	v.beam&sidescan r-02	GDC	4-10.06N	172-25.28E	g	AVON02MV
1815	090399	0	MBSR	E	v.beam&sidescan r-02	GDC	14-19.71S	170-40.71W	g	AVON02MV

**** Digital Magnetics (Earth Total Field) ***

0648	260199	0	MGDR	B	Magnetics data	GDC	7-12.46N	170-58.21E	g	AVON02MV
1654	090399	0	MGDR	E	Magnetics data	GDC	14-22.78S	170-34.18W	g	AVON02MV

**** Digital Gravity ***

0531	260199	0	GVDR	B	Gravity data	GDC	7-13.63N	171-10.06E	g	AVON02MV
1900	090399	0	GVDR	E	Gravity data	GDC	14-16.56S	170-40.94W	g	AVON02MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#										
#*** Dredges ***										
0917	270199	0	DRRO	B Dredge 1	3861-3521	IGPP	4-37.29N	172-21.09E	g	AVON02MV
1143	270199	0	DRRO	E Dredge 1	3861-3521	IGPP	4-37.80N	172-22.20E	g	AVON02MV
0102	280199	0	DRRO	B Dredge 2	3963-2894	IGPP	3-55.54N	172-57.10E	g	AVON02MV
0552	280199	0	DRRO	E Dredge 2	3963-2894	IGPP	3-58.23N	172-58.89E	g	AVON02MV
2210	280199	0	DRRO	B Dredge 3	2209-2000	IGPP	4-14.82N	172-23.51E	g	AVON02MV
0005	290199	0	DRRO	E Dredge 3	2209-2000	IGPP	4-14.11N	172-25.02E	g	AVON02MV
1931	290199	0	DRRO	B Dredge 4	3564-2260	IGPP	2-41.86N	172-48.21E	g	AVON02MV
2325	290199	0	DRRO	E Dredge 4	3564-2260	IGPP	2-43.09N	172-49.87E	g	AVON02MV
1042	300199	0	DRRO	B Dredge 5	3727-2205	IGPP	2-29.32N	172-51.69E	g	AVON02MV
1423	300199	0	DRRO	E Dredge 5	3727-2205	IGPP	2-29.69N	172-53.86E	g	AVON02MV
1909	300199	0	DRRO	B Dredge 6	3637-2875	IGPP	2-20.72N	172-47.66E	g	AVON02MV
2150	300199	0	DRRO	E Dredge 6	3637-2875	IGPP	2-21.19N	172-47.76E	g	AVON02MV
0449	010299	0	DRRO	B Dredge 7	3381-3289	IGPP	0-46.78N	173-16.08E	g	AVON02MV
1000	010299	0	DRRO	E Dredge 7	3381-3289	IGPP	0-46.72N	173-16.37E	g	AVON02MV
1551	010299	0	DRRO	X Dredge 8		IGPP	0-27.67N	173-04.49E	g	AVON02MV
0920	020299	0	DRRO	B Dredge 9	2893-1982	IGPP	0-11.30N	172-49.63E	g	AVON02MV
1301	020299	0	DRRO	E Dredge 9	2893-1982	IGPP	0-12.84N	172-50.99E	g	AVON02MV
0508	030299	0	DRRO	B Dredge 10	2616-2631	IGPP	0-11.19S	173-34.79E	g	AVON02MV
0834	030299	0	DRRO	E Dredge 10	2616-2631	IGPP	0-11.38S	173-34.67E	g	AVON02MV
1140	030299	0	DRRO	B Dredge 11	1848-1268	IGPP	0-11.28S	173-36.13E	g	AVON02MV
1335	030299	0	DRRO	E Dredge 11	1848-1268	IGPP	0-11.28S	173-36.84E	g	AVON02MV
0135	040299	0	DRRO	B Dredge 12	3466-2468	IGPP	0-25.97S	174-05.47E	g	AVON02MV
0539	040299	0	DRRO	E Dredge 12	3466-2468	IGPP	0-25.95S	174-08.09E	g	AVON02MV
2042	040299	0	DRRO	B Dredge 13	3499-3106	IGPP	0-51.71S	175-24.84E	g	AVON02MV
2328	040299	0	DRRO	E Dredge 13	3499-3106	IGPP	0-51.89S	175-26.47E	g	AVON02MV
0338	050299	0	DRRO	B Dredge 14	3040-2230	IGPP	0-54.98S	175-28.99E	g	AVON02MV
0608	050299	0	DRRO	E Dredge 14	3040-2230	IGPP	0-53.74S	175-29.89E	g	AVON02MV
1929	050299	0	DRRO	B Dredge 15	3877-3535	IGPP	1-42.78S	176-41.18E	g	AVON02MV
2133	050299	0	DRRO	E Dredge 15	3877-3535	IGPP	1-42.07S	176-41.51E	g	AVON02MV
0744	060299	0	DRRO	B Dredge 16	3901-3280	IGPP	1-08.45S	175-43.75E	g	AVON02MV
1011	060299	0	DRRO	E Dredge 16	3901-3280	IGPP	1-08.61S	175-44.97E	g	AVON02MV
0107	070299	0	DRRO	B Dredge 17	4179-3188	IGPP	1-20.81S	175-20.60E	g	AVON02MV
0425	070299	0	DRRO	E Dredge 17	4179-3188	IGPP	1-22.15S	175-21.52E	g	AVON02MV

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0143	080299	0	DRRO	E	Dredge 18 3862-3621	IGPP	2-16.64S	174-54.72E	g	AVON02MV
1017	080299	0	DRRO	B	Dredge 19 2724-2665	IGPP	2-24.30S	175-19.89E	g	AVON02MV
1207	080299	0	DRRO	E	Dredge 19 2724-2665	IGPP	2-23.74S	175-20.30E	g	AVON02MV
1624	080299	0	DRRO	B	Dredge 20 1066-755	IGPP	2-25.48S	175-24.01E	g	AVON02MV
1721	080299	0	DRRO	E	Dredge 20 1066-755	IGPP	2-25.49S	175-24.12E	g	AVON02MV
0634	090299	0	DRRO	B	Dredge 21 4102-2864	IGPP	1-46.29S	175-48.46E	g	AVON02MV
0944	090299	0	DRRO	E	Dredge 21 4102-2864	IGPP	1-45.06S	175-48.92E	g	AVON02MV
1752	090299	0	DRRO	B	Dredge 22 3944-3632	IGPP	1-54.02S	176-05.40E	g	AVON02MV
2126	090299	0	DRRO	E	Dredge 22 3944-3632	IGPP	1-54.47S	176-06.20E	g	AVON02MV
0056	110299	0	DRRO	B	Dredge 23 5027-4600	IGPP	3-29.85S	177-46.39E	g	AVON02MV
0304	110299	0	DRRO	E	Dredge 23 5027-4600	IGPP	3-29.37S	177-47.45E	g	AVON02MV
0022	120299	0	DRRO	B	Dredge 24 4160-3170	IGPP	2-18.83S	177-43.81E	g	AVON02MV
0417	120299	0	DRRO	E	Dredge 24 4160-3170	IGPP	2-18.40S	177-45.64E	g	AVON02MV
1901	120299	0	DRRO	B	Dredge 25 3346-2964	IGPP	2-28.66S	179-05.31E	g	AVON02MV
2222	120299	0	DRRO	E	Dredge 25 3346-2964	IGPP	2-27.03S	179-05.83E	g	AVON02MV
2211	140299	0	DRRO	B	Dredge 26 3666-2427	IGPP	0-50.64N	176-45.08W	g	AVON02MV
0206	150299	0	DRRO	E	Dredge 26 3666-2427	IGPP	0-51.29N	176-43.30W	g	AVON02MV
0700	150299	0	DRRO	B	Dredge 27 4756-3785	IGPP	0-58.33N	176-34.31W	g	AVON02MV
1153	150299	0	DRRO	E	Dredge 27 4756-3785	IGPP	0-57.55N	176-32.65W	g	AVON02MV
1951	150299	0	DRRO	B	Dredge 28 4442-3370	IGPP	0-40.21N	176-32.11W	g	AVON02MV
0016	160299	0	DRRO	E	Dredge 28 4442-3370	IGPP	0-42.19N	176-32.04W	g	AVON02MV
0426	160299	0	DRRO	B	Dredge 29 3972-3855	IGPP	0-40.47N	176-37.50W	g	AVON02MV
0648	160299	0	DRRO	E	Dredge 29 3972-3855	IGPP	0-41.54N	176-36.43W	g	AVON02MV
0203	170299	0	DRRO	B	Dredge 30 3324-2912	IGPP	0-23.93S	176-14.67W	g	AVON02MV
0545	170299	0	DRRO	E	Dredge 30 3324-2912	IGPP	0-23.63S	176-14.23W	g	AVON02MV
1204	170299	0	DRRO	B	Dredge 31 3590-3041	IGPP	0-35.36S	176-18.10W	g	AVON02MV
1447	170299	0	DRRO	E	Dredge 31 3590-3041	IGPP	0-34.78S	176-17.17W	g	AVON02MV
1953	170299	0	DRRO	B	Dredge 32 3683-2272	IGPP	0-39.68S	176-12.49W	g	AVON02MV
2240	170299	0	DRRO	E	Dredge 32 3683-2272	IGPP	0-38.38S	176-11.65W	g	AVON02MV
0645	180299	0	DRRO	B	Dredge 33 3668-2575	IGPP	0-53.75S	176-19.36W	g	AVON02MV
1036	180299	0	DRRO	E	Dredge 33 3668-2575	IGPP	0-52.67S	176-18.10W	g	AVON02MV
1551	180299	0	DRRO	B	Dredge 34 3342-2250	IGPP	1-04.37S	176-11.51W	g	AVON02MV
1927	180299	0	DRRO	E	Dredge 34 3342-2250	IGPP	1-02.57S	176-09.89W	g	AVON02MV

#GMT #TIME #-----	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0228	190299	0	DRRO	B	Dredge 35 3329-3427	IGPP	1-18.10S	176-09.69W	g	AVON02MV
1310	190299	0	DRRO	E	Dredge 35 3329-3427	IGPP	1-18.09S	176-09.95W	g	AVON02MV
1700	190299	0	DRRO	B	Dredge 36 3417-2238	IGPP	1-23.36S	176-10.87W	g	AVON02MV
2016	190299	0	DRRO	E	Dredge 36 3417-2238	IGPP	1-21.87S	176-09.14W	g	AVON02MV
0253	200299	0	DRRO	B	Dredge 37 2556-1986	IGPP	1-33.62S	176-00.07W	g	AVON02MV
0750	200299	0	DRRO	E	Dredge 37 2556-1986	IGPP	1-33.71S	175-57.63W	g	AVON02MV
1601	200299	0	DRRO	B	Dredge 38 3472-1998	IGPP	1-42.53S	175-26.25W	g	AVON02MV
1905	200299	0	DRRO	E	Dredge 38 3472-1998	IGPP	1-41.11S	175-24.87W	g	AVON02MV
0420	210299	0	DRRO	B	Dredge 39 3681-2860	IGPP	2-36.25S	175-24.98W	g	AVON02MV
0843	210299	0	DRRO	E	Dredge 39 3681-2860	IGPP	2-35.37S	175-24.39W	g	AVON02MV
1640	210299	0	DRRO	B	Dredge 40 3582-2379	IGPP	2-34.02S	175-26.52W	g	AVON02MV
1959	210299	0	DRRO	E	Dredge 40 3582-2379	IGPP	2-34.88S	175-24.69W	g	AVON02MV
0318	220299	0	DRRO	B	Dredge 41 4045-3461	IGPP	2-46.94S	175-09.01W	g	AVON02MV
0904	220299	0	DRRO	E	Dredge 41 4045-3461	IGPP	2-46.20S	175-08.83W	g	AVON02MV
1045	230299	0	DRRO	B	Dredge 42 3818-2846	IGPP	3-50.51S	173-24.71W	g	AVON02MV
1400	230299	0	DRRO	E	Dredge 42 3818-2846	IGPP	3-49.42S	173-23.80W	g	AVON02MV
1957	240299	0	DRRO	B	Dredge 43 3415-2862	IGPP	5-52.30S	174-10.17W	g	AVON02MV
2252	240299	0	DRRO	E	Dredge 43 3415-2862	IGPP	5-51.01S	174-09.36W	g	AVON02MV
0342	250299	0	DRRO	B	Dredge 44 4356-3242	IGPP	5-41.07S	174-08.49W	g	AVON02MV
0622	250299	0	DRRO	E	Dredge 44 4356-3242	IGPP	5-41.02S	174-07.00W	g	AVON02MV
1603	250299	0	DRRO	B	Dredge 45 3323-3133	IGPP	5-58.69S	173-47.82W	g	AVON02MV
2041	250299	0	DRRO	E	Dredge 45 3323-3133	IGPP	5-58.54S	173-47.34W	g	AVON02MV
0004	260299	0	DRRO	B	Dredge 46 3596-2752	IGPP	6-01.89S	173-46.09W	g	AVON02MV
0407	260299	0	DRRO	E	Dredge 46 3596-2752	IGPP	6-00.00S	173-45.69W	g	AVON02MV
1035	260299	0	DRRO	B	Dredge 47 2949-2428	IGPP	6-15.91S	173-37.29W	g	AVON02MV
1650	260299	0	DRRO	E	Dredge 47 2949-2428	IGPP	6-14.92S	173-37.65W	g	AVON02MV
0319	270299	0	DRRO	B	Dredge 48 3327-2001	IGPP	6-41.92S	173-28.03W	g	AVON02MV
0943	270299	0	DRRO	E	Dredge 48 3327-2001	IGPP	6-41.68S	173-25.77W	g	AVON02MV
1331	270299	0	DRRO	B	Dredge 49 3370-3194	IGPP	6-39.94S	173-28.09W	g	AVON02MV
2041	270299	0	DRRO	E	Dredge 49 3370-3194	IGPP	6-39.98S	173-27.79W	g	AVON02MV
0529	280299	0	DRRO	B	Dredge 50 4180-3835	IGPP	6-55.06S	173-46.40W	g	AVON02MV
1200	280299	0	DRRO	E	Dredge 50 4180-3835	IGPP	6-55.14S	173-45.86W	g	AVON02MV
1543	280299	0	DRRO	B	Dredge 51 3286-2584	IGPP	6-56.31S	173-44.91W	g	AVON02MV
1949	280299	0	DRRO	E	Dredge 51 3286-2584	IGPP	6-55.72S	173-43.64W	g	AVON02MV

#GMT #TIME #-----	DDMMYY DATE -----	TZ --	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP	
0527	010399	0	DRRO	B	Dredge 52	4265-2482	IGPP	7-05.50S	173-44.38W	g	AVON02MV
1228	010399	0	DRRO	E	Dredge 52	4265-2482	IGPP	7-06.86S	173-40.83W	g	AVON02MV
2136	010399	0	DRRO	X	Dredge 53		IGPP	7-43.43S	173-18.48W	g	AVON02MV
1247	020399	0	DRRO	B	Dredge 54	3099-2874	IGPP	7-47.83S	173-13.44W	g	AVON02MV
1648	020399	0	DRRO	E	Dredge 54	3099-2874	IGPP	7-45.98S	173-14.19W	g	AVON02MV
2047	020399	0	DRRO	B	Dredge 55	2973-2639	IGPP	7-41.08S	173-17.34W	g	AVON02MV
2219	020399	0	DRRO	E	Dredge 55	2973-2639	IGPP	7-40.69S	173-16.54W	g	AVON02MV
1440	030399	0	DRRO	B	Dredge 56	3615-3234	IGPP	8-00.95S	173-01.63W	g	AVON02MV
2137	030399	0	DRRO	E	Dredge 56	3615-3234	IGPP	8-00.63S	173-01.05W	g	AVON02MV
0231	040399	0	DRRO	B	Dredge 57	3152-2036	IGPP	8-16.25S	172-52.76W	g	AVON02MV
0618	040399	0	DRRO	E	Dredge 57	3152-2036	IGPP	8-14.21S	172-52.32W	g	AVON02MV
1004	040399	0	DRRO	B	Dredge 58	2358-1650	IGPP	8-10.02S	172-40.95W	g	AVON02MV
1525	040399	0	DRRO	E	Dredge 58	2358-1650	IGPP	8-09.13S	172-40.32W	g	AVON02MV
1937	040399	0	DRRO	B	Dredge 59	3709-2941	IGPP	8-13.49S	173-00.55W	g	AVON02MV
2226	040399	0	DRRO	E	Dredge 59	3709-2941	IGPP	8-11.39S	173-00.37W	g	AVON02MV
0642	050399	0	DRRO	B	Dredge 60	3111-1706	IGPP	8-29.01S	172-41.70W	g	AVON02MV
1028	050399	0	DRRO	E	Dredge 60	3111-1706	IGPP	8-27.72S	172-40.03W	g	AVON02MV
1638	050399	0	DRRO	B	Dredge 61	2593-1533	IGPP	8-38.92S	172-34.72W	g	AVON02MV
1933	050399	0	DRRO	E	Dredge 61	2593-1533	IGPP	8-37.49S	172-33.27W	g	AVON02MV
1812	060399	0	DRRO	B	Dredge 62	2593-1522	IGPP	9-12.33S	171-14.25W	g	AVON02MV
2216	060399	0	DRRO	E	Dredge 62	2593-1522	IGPP	9-13.04S	171-12.90W	g	AVON02MV
2300	080399	0	DRRO	B	Dredge 63	0955-0892	IGPP	14-13.06S	169-03.57W	g	AVON02MV
0025	090399	0	DRRO	E	Dredge 63	0955-0892	IGPP	14-13.06S	169-03.13W	g	AVON02MV
0255	090399	0	DRRO	B	Dredge 64	2721-2528	IGPP	14-15.77S	169-03.78W	g	AVON02MV
0400	090399	0	DRRO	E	Dredge 64	2721-2528	IGPP	14-15.43S	169-03.69W	g	AVON02MV
#					End Sample Index						AVON02MV