

*Report and Index of
Underway Marine geophysical Data*

Vancouver Expedition

Leg 08

(VANC08MV)

R/V Melville

(Issued Apr 2003)

Ports:

Cape Town, South Africa (14-FEB-03)

to

Cape Town, South Africa (17-MAR-03)

Chief Scientist: Lisa Beal

RSMAS, Univ. of Miami

lbeal@rsmas.miami.edu

Computer Tech - Dan Jacobson

Resident Tech - Tracy Engstrom

Post-Cruise processing and report preparation by the

Shipboard Technical Support Group,

Scripps Institution of Oceanography

La Jolla, CA 92093-0223

Note: *This is an index of underway geophysical data edited and processed after the completion of the leg and is intended primarily for informal use within the institution. This document is not to be rereduced or distributed outside Scrips without prior approval of the chief scientist or Shipboard Technical Support, Scripps Institution of Oceanography, La Jolla, California 92093-0223*

STS Cruise ID#299

Report and index of Navigation and Underway Geophysical Data

Contents:

Index Chart - give track of cruise leg, dates, ports.

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.)

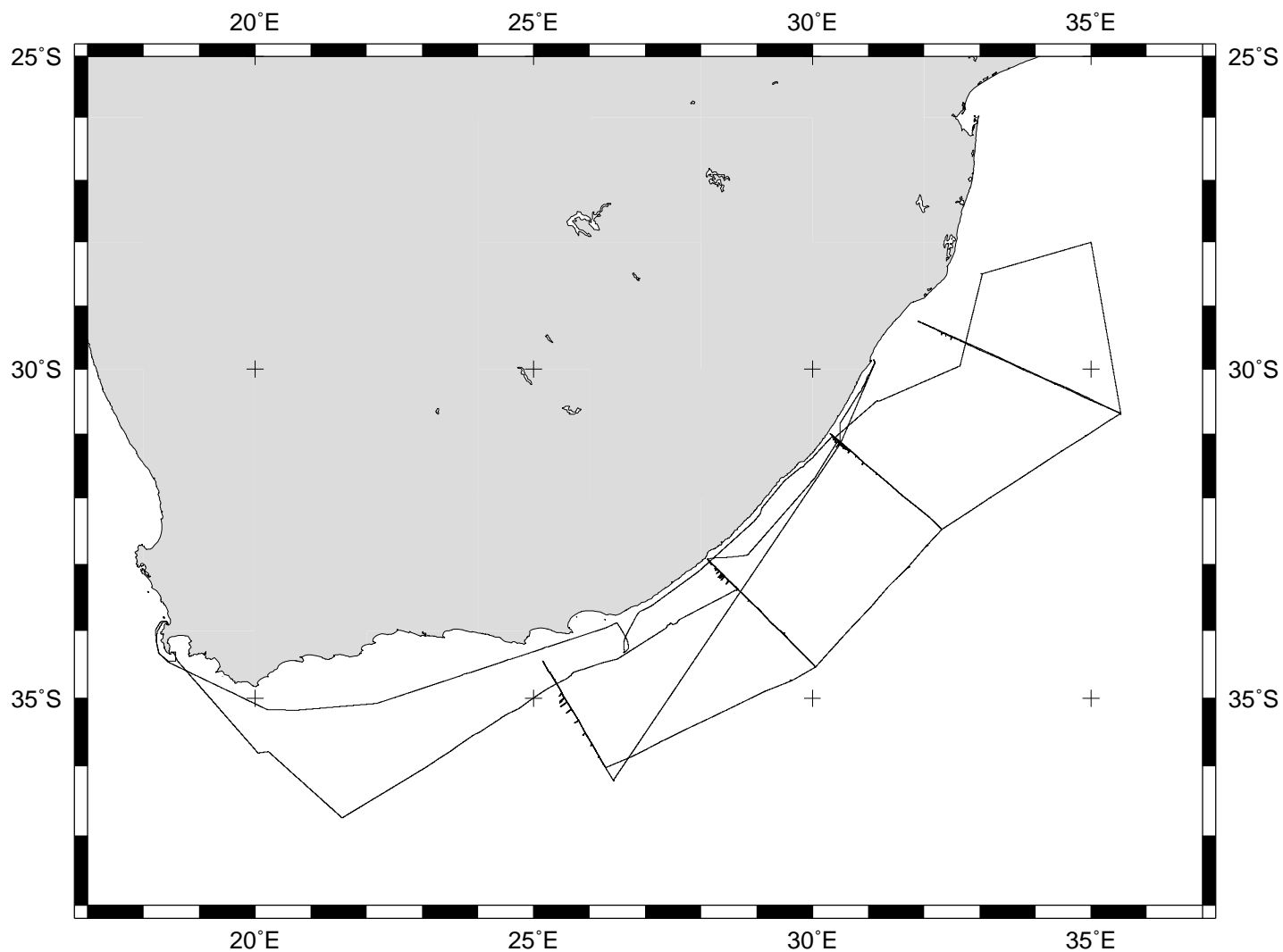
Sample Index - list of begin/end times and positions of all underway records as well as samples and measurements from other disciplines collected on the leg.

Note:

For information on the availability of this current digital data as well as archived digital data contact:

Stephen P. Miller
Geological Data Center
Scripps Institution of Oceanography
La Jolla, California 92093-0220
Phone: (858) 534-1898
Internet email: spmiller@ucsd.edu; or his website: <http://SIOExplorer@ucsd.edu>

Rev 05/2002



VANCOUVER EXPEDITION LEG 8 (VANC08MV)

=====

CHIEF SCIENTIST: Lisa Beal, RSMAS, Univ. of Miami

PORTS: Cape Town - Cape Town, South Africa

DATES: 14 February - 17 March 2003

SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-4913 miles

Magnetics-none collected

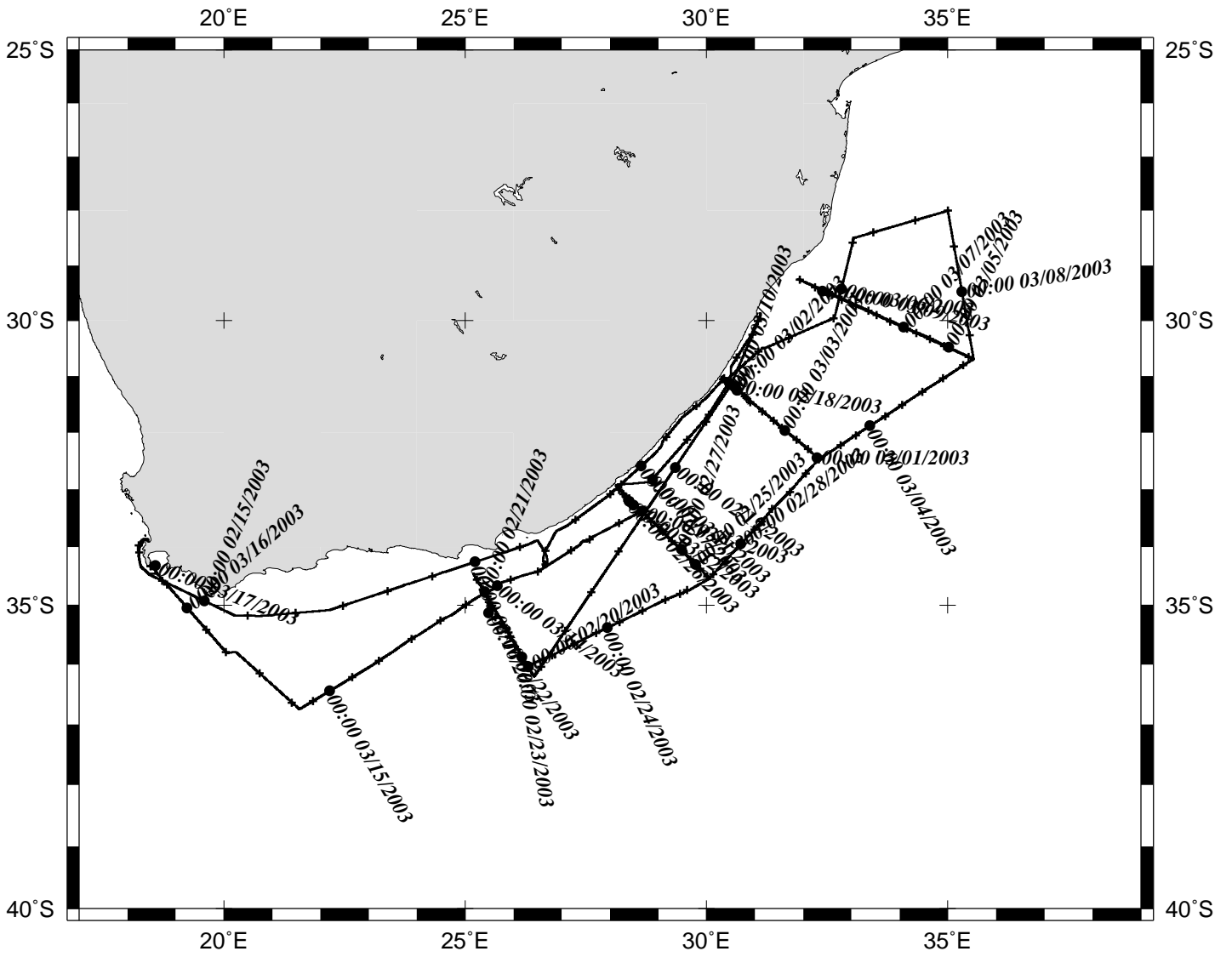
Bathymetry-4322 miles

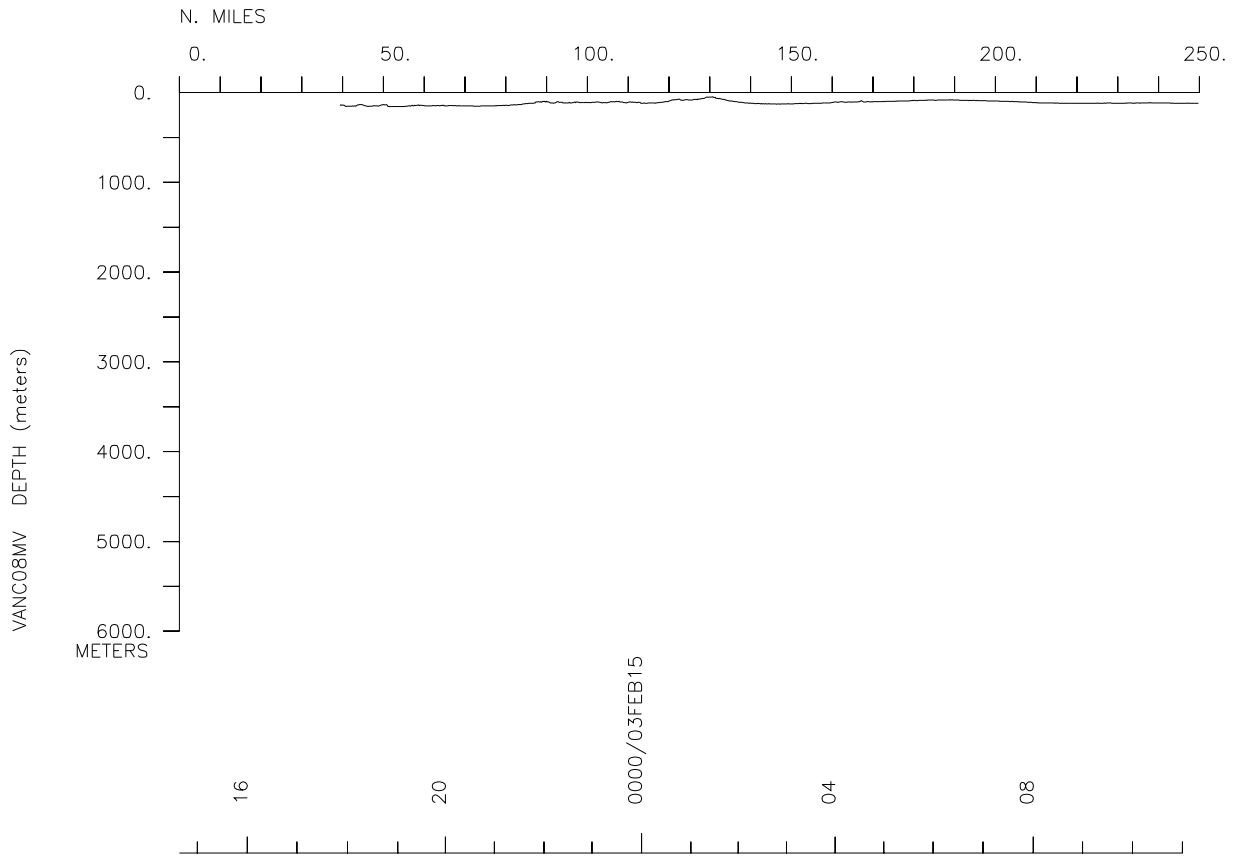
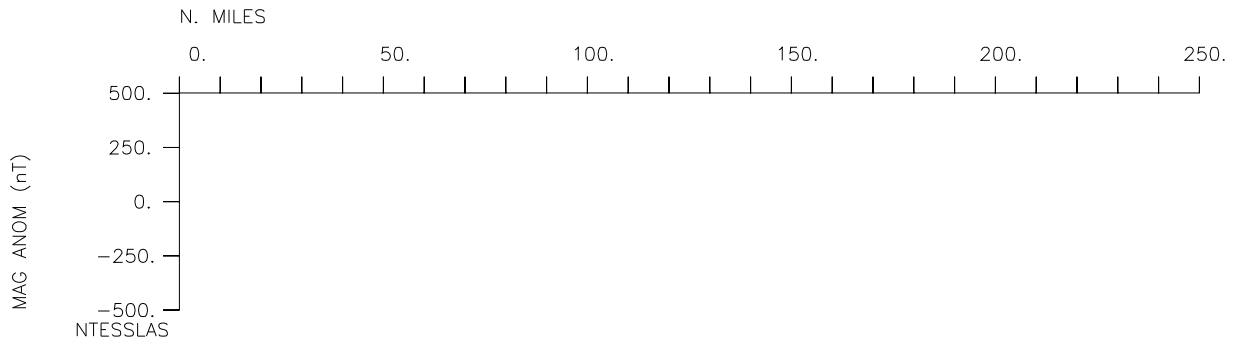
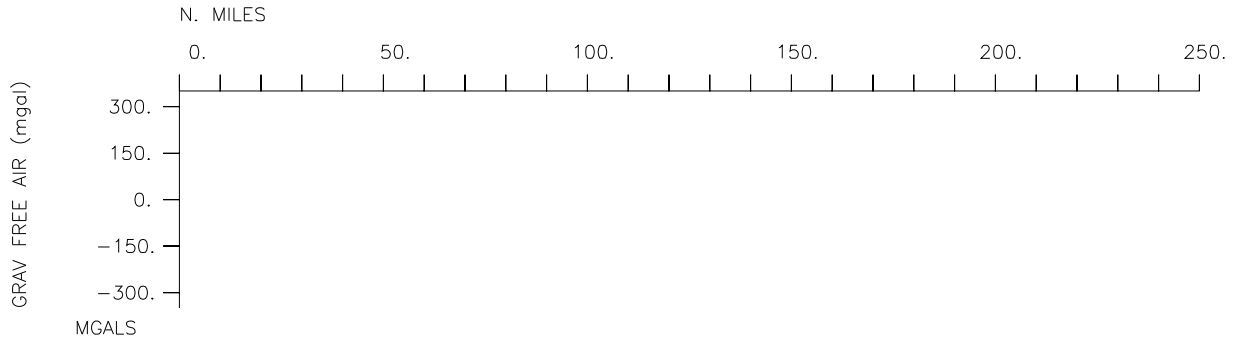
Seismic Reflection-none collected

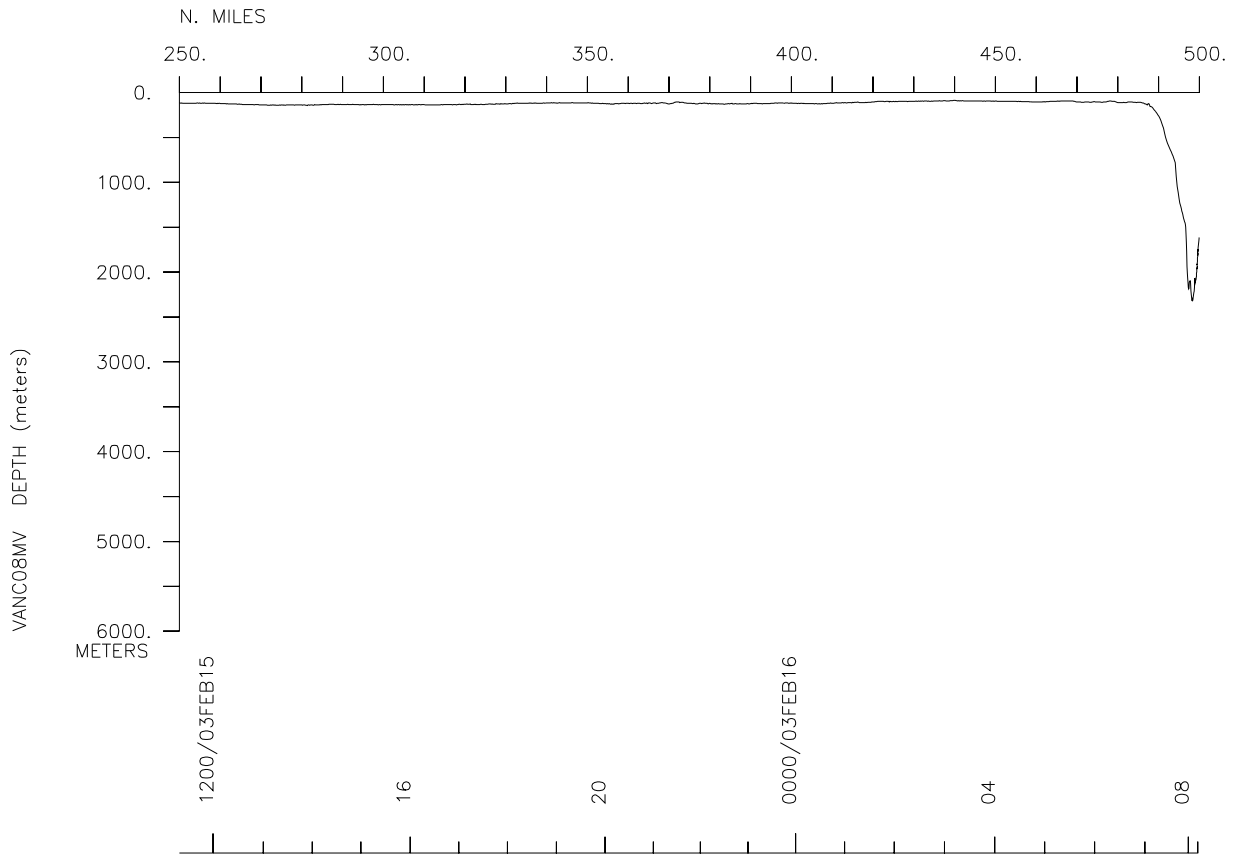
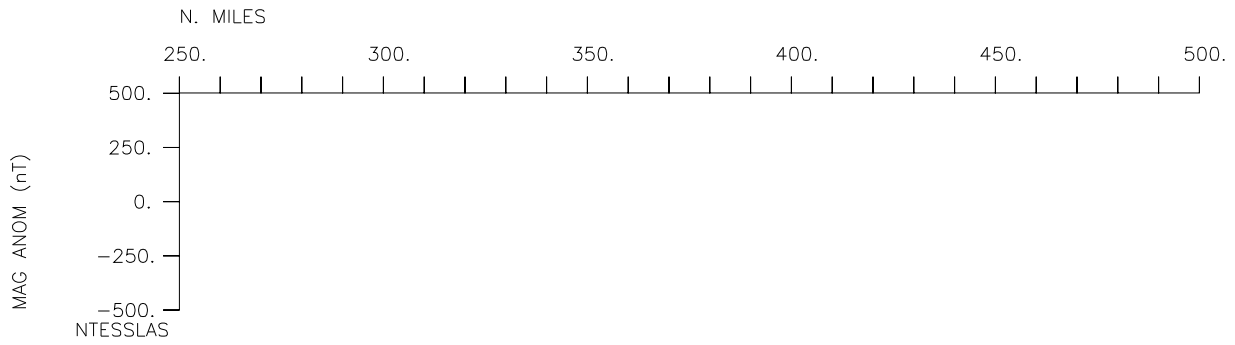
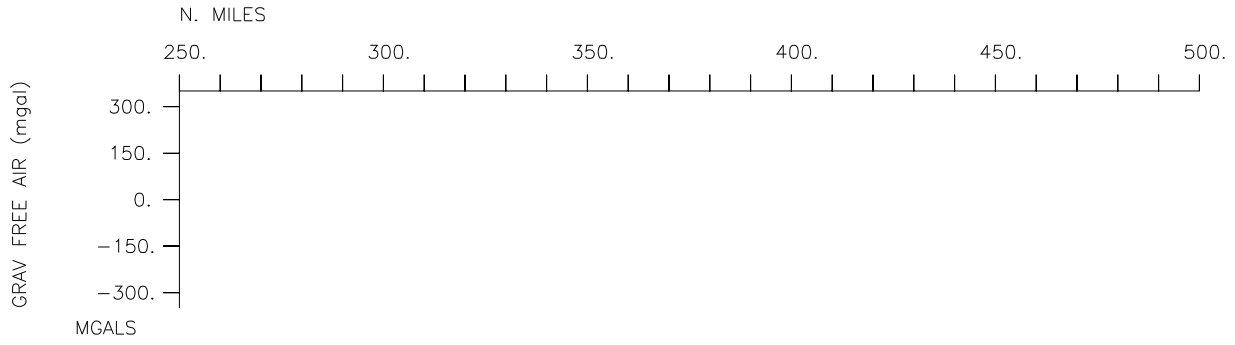
Multibeam-4322 miles

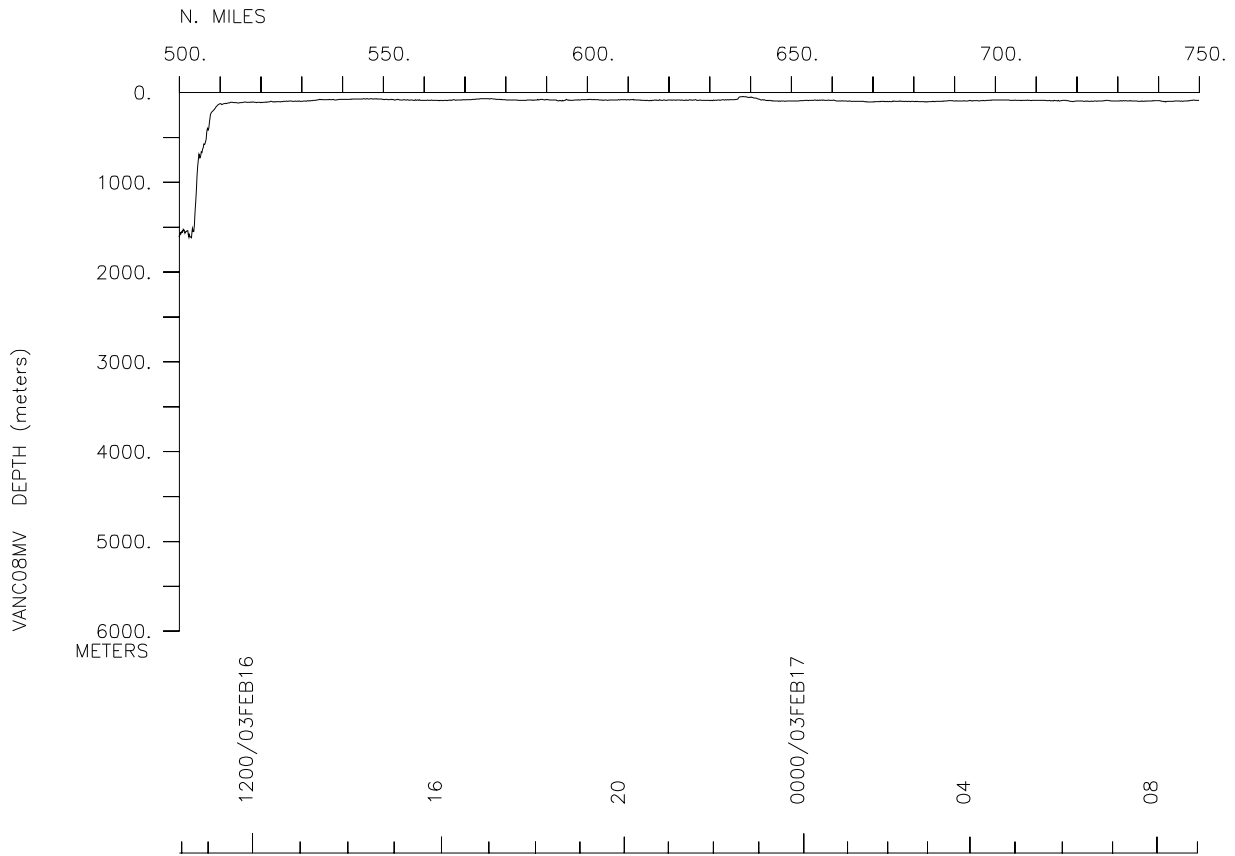
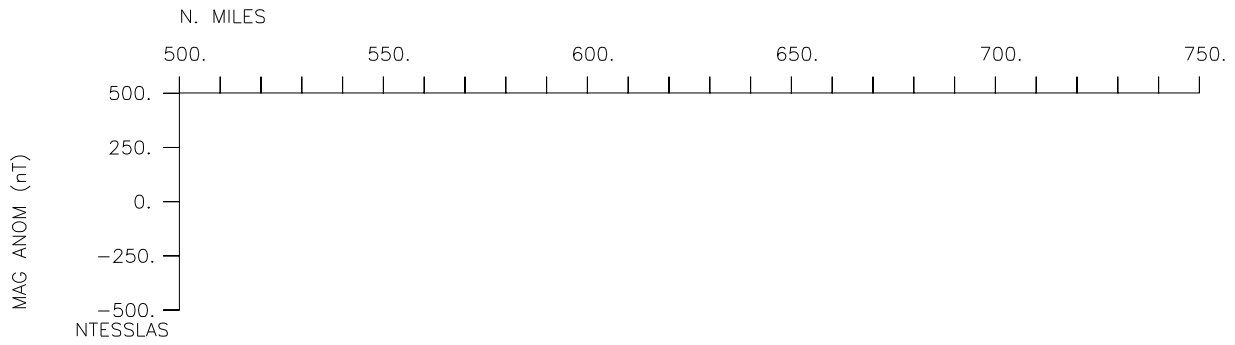
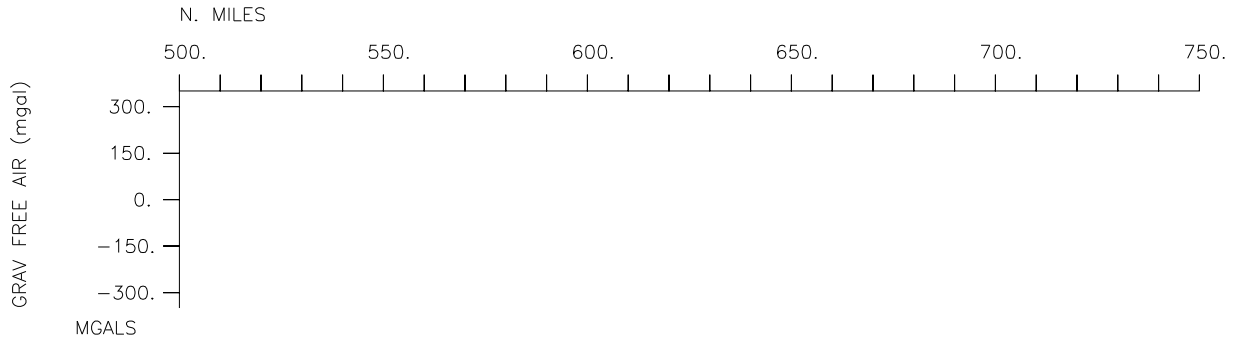
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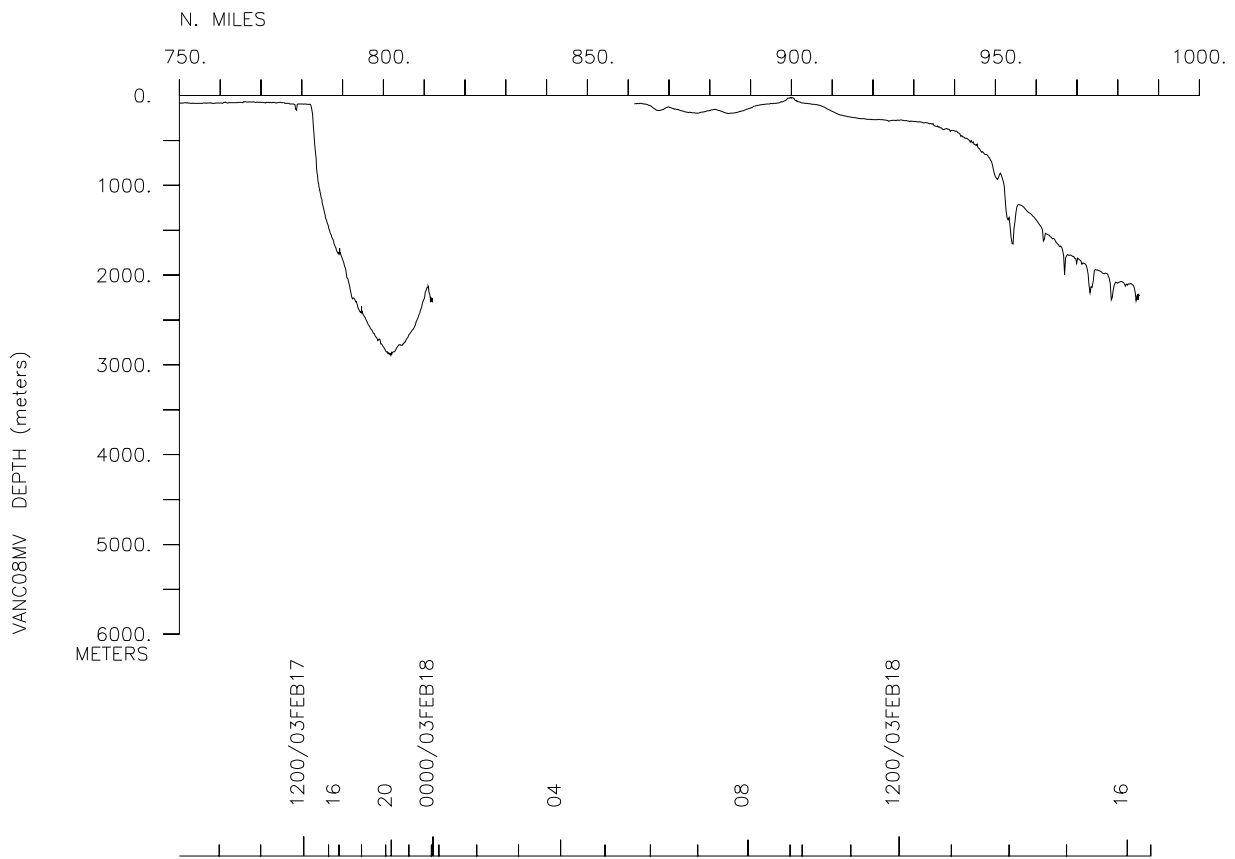
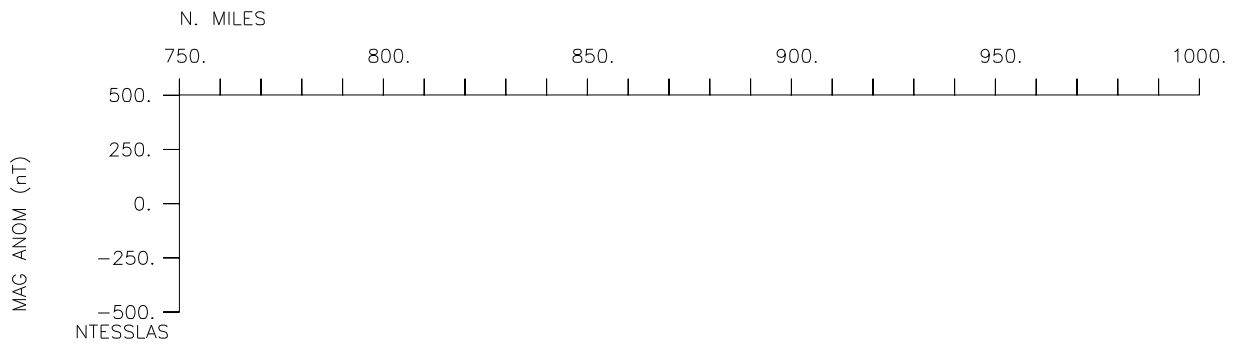
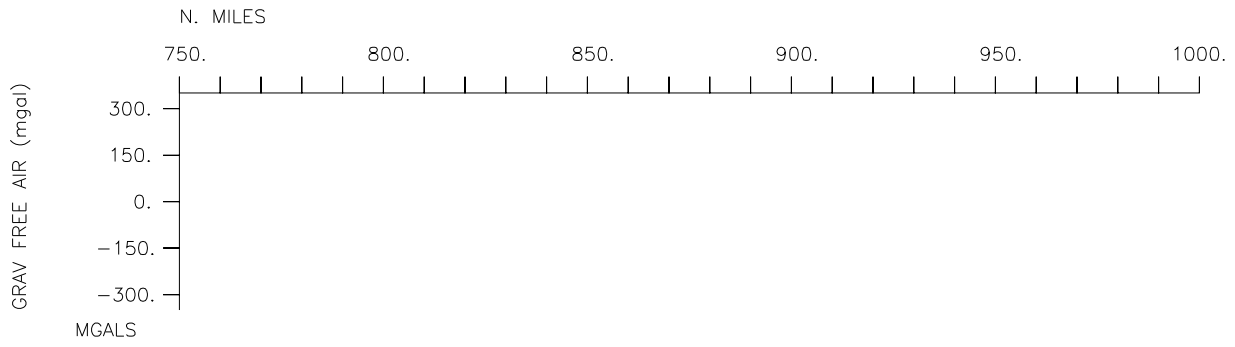
VANC08MV

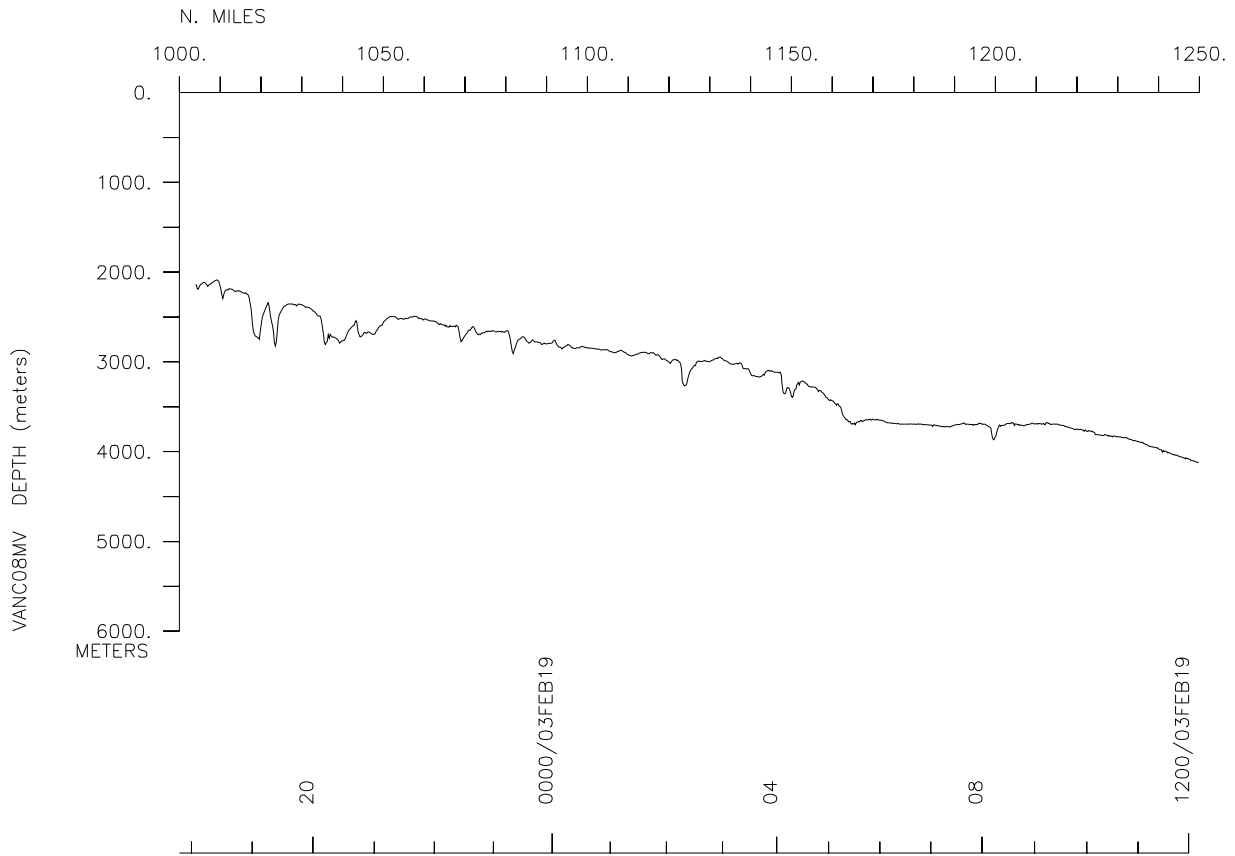
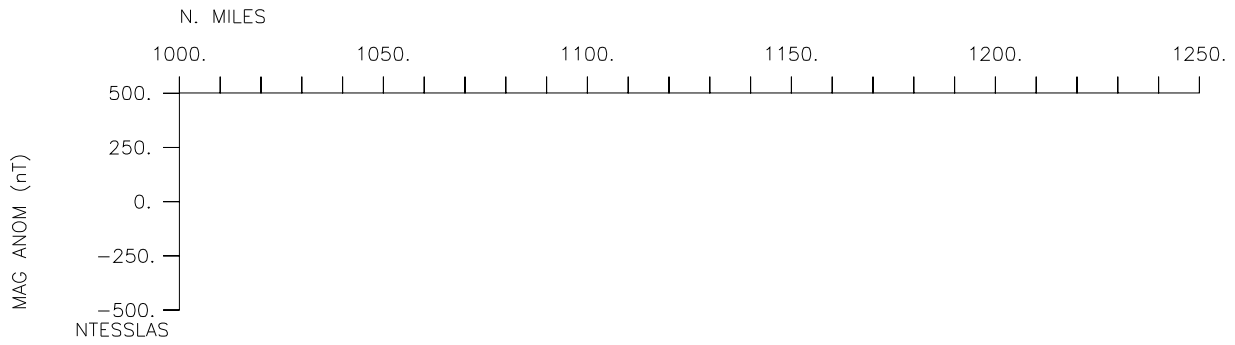
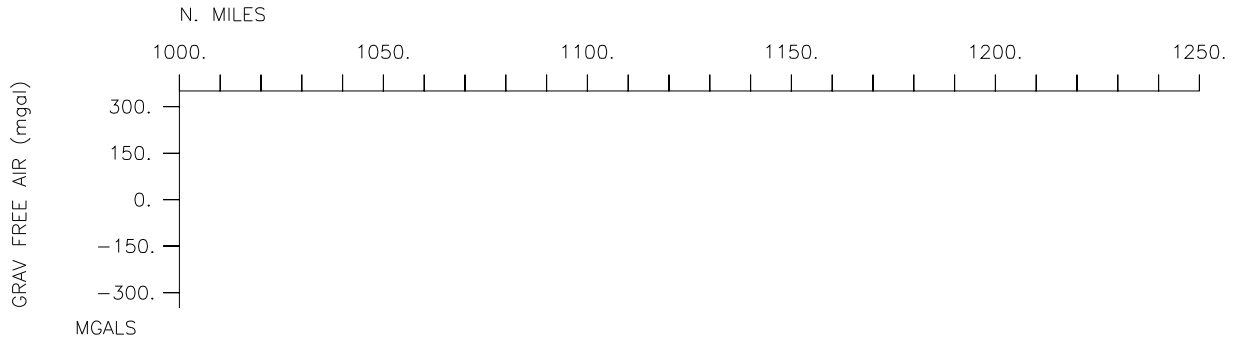


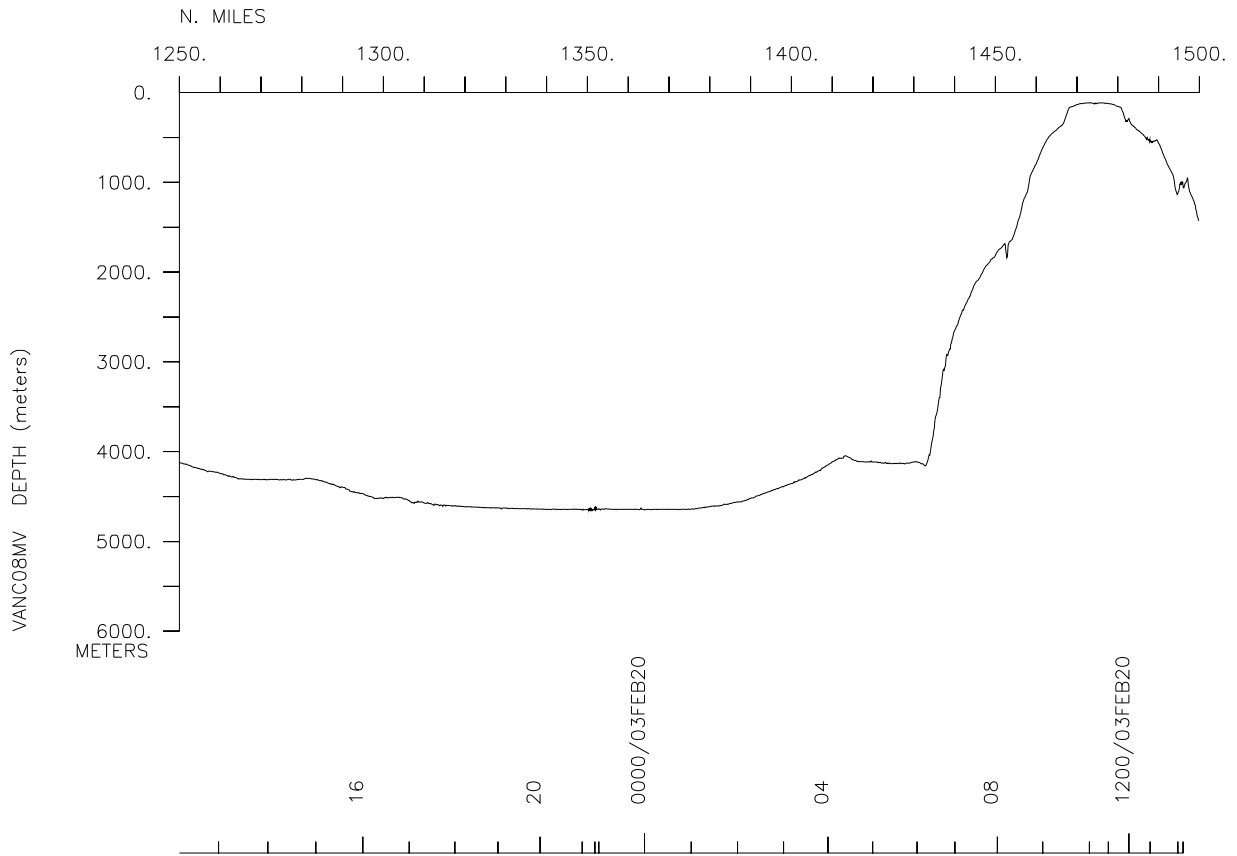
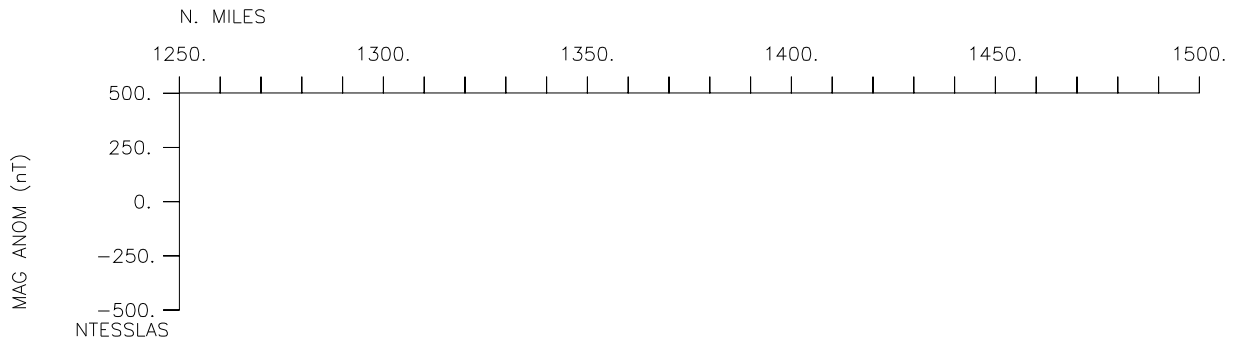
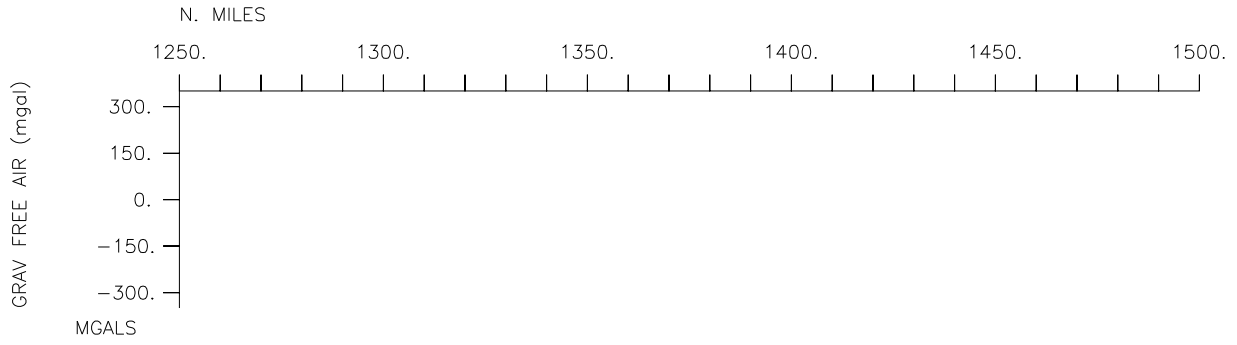


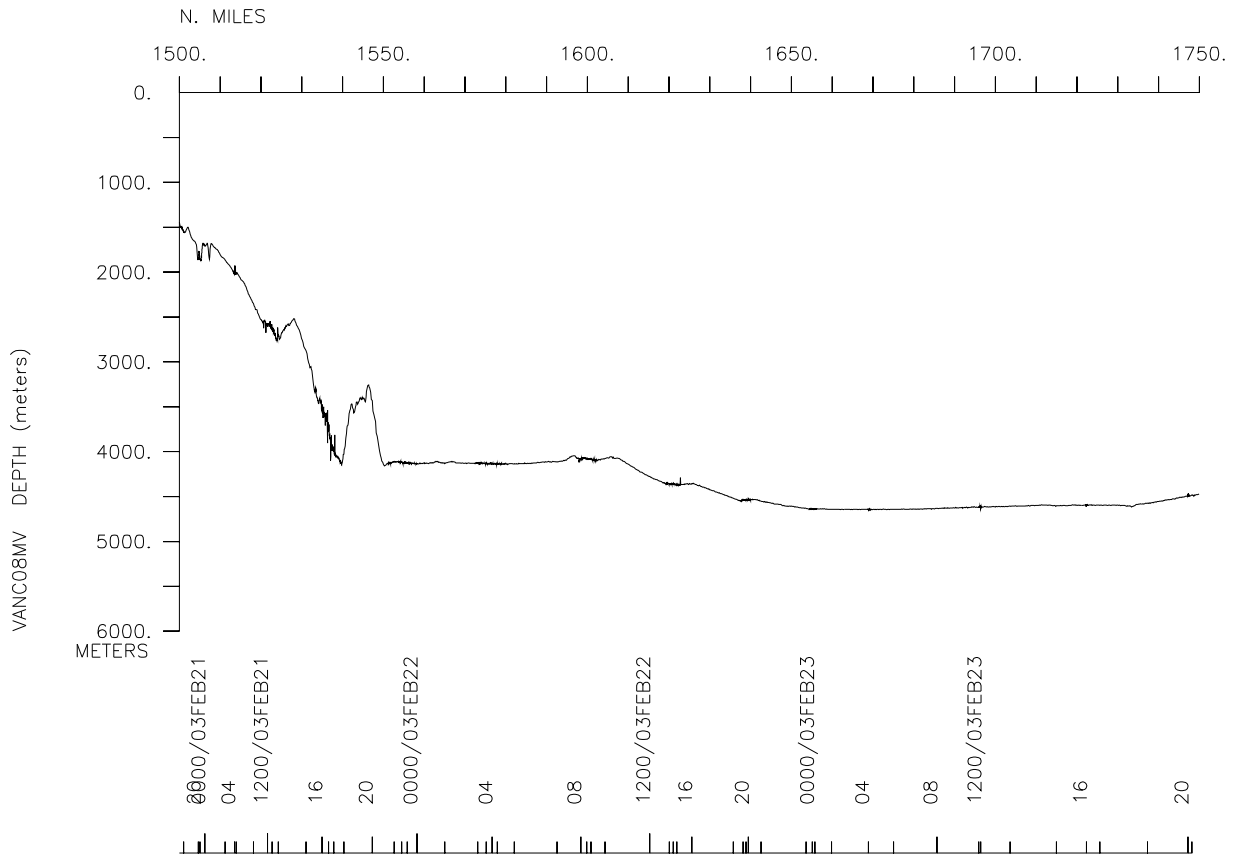
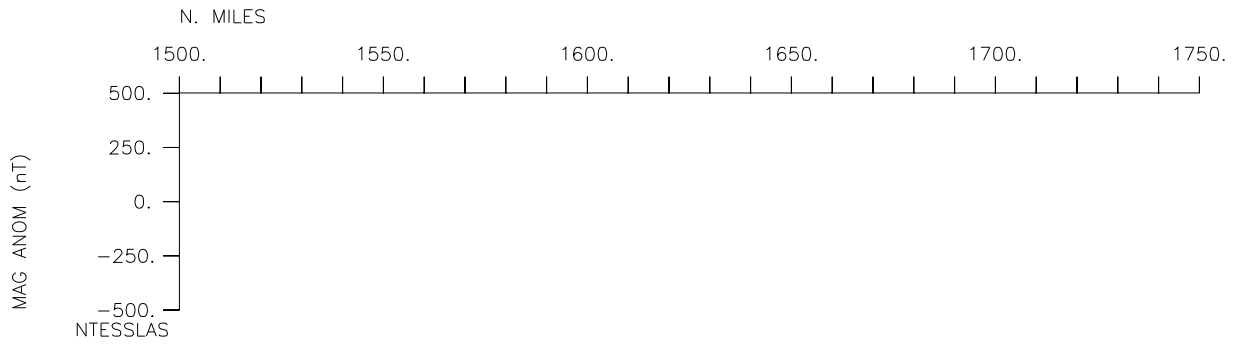
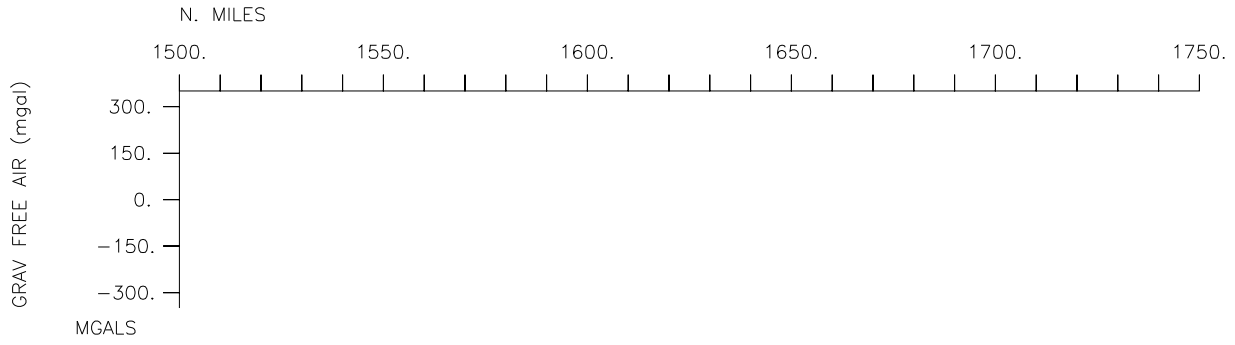


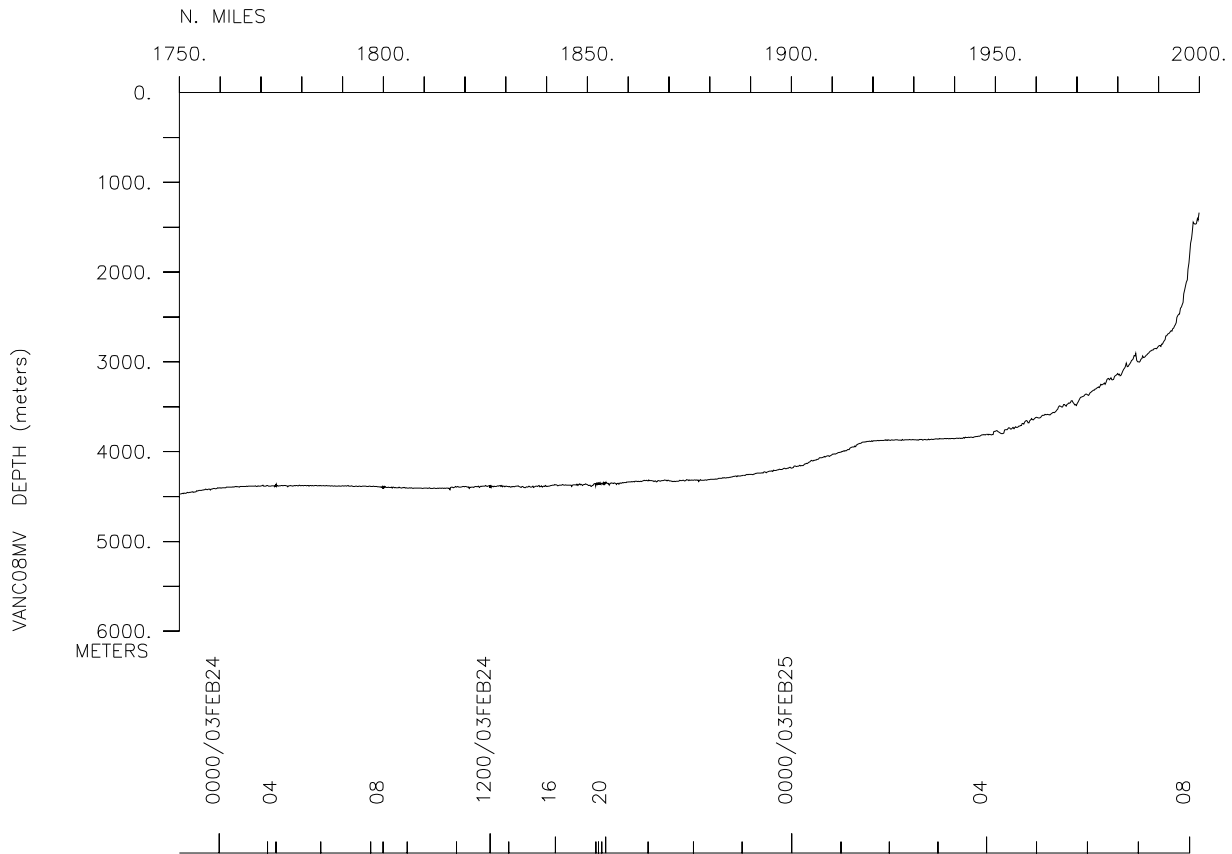
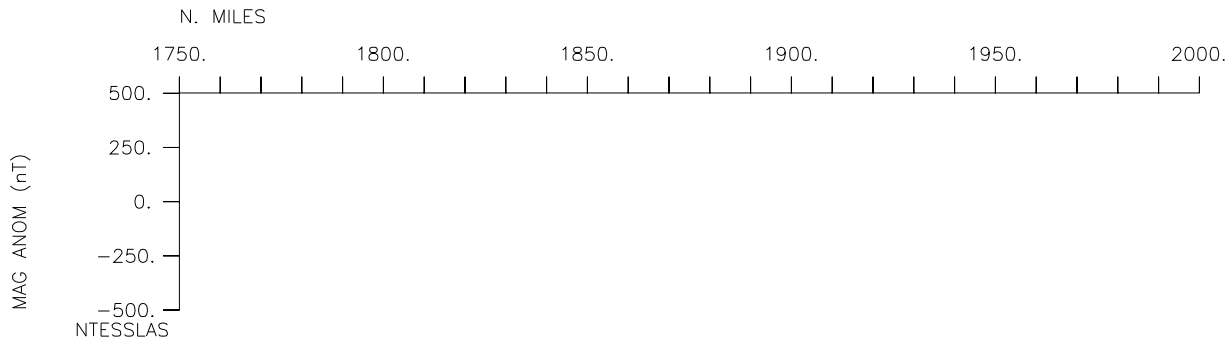
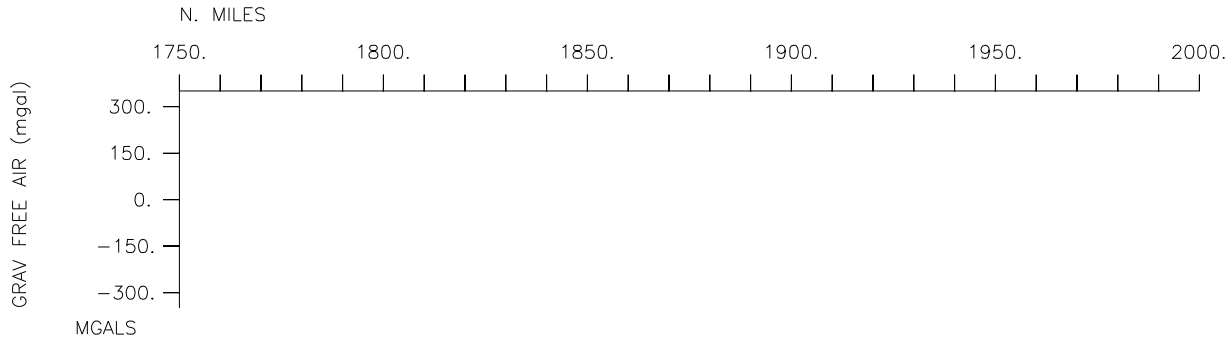


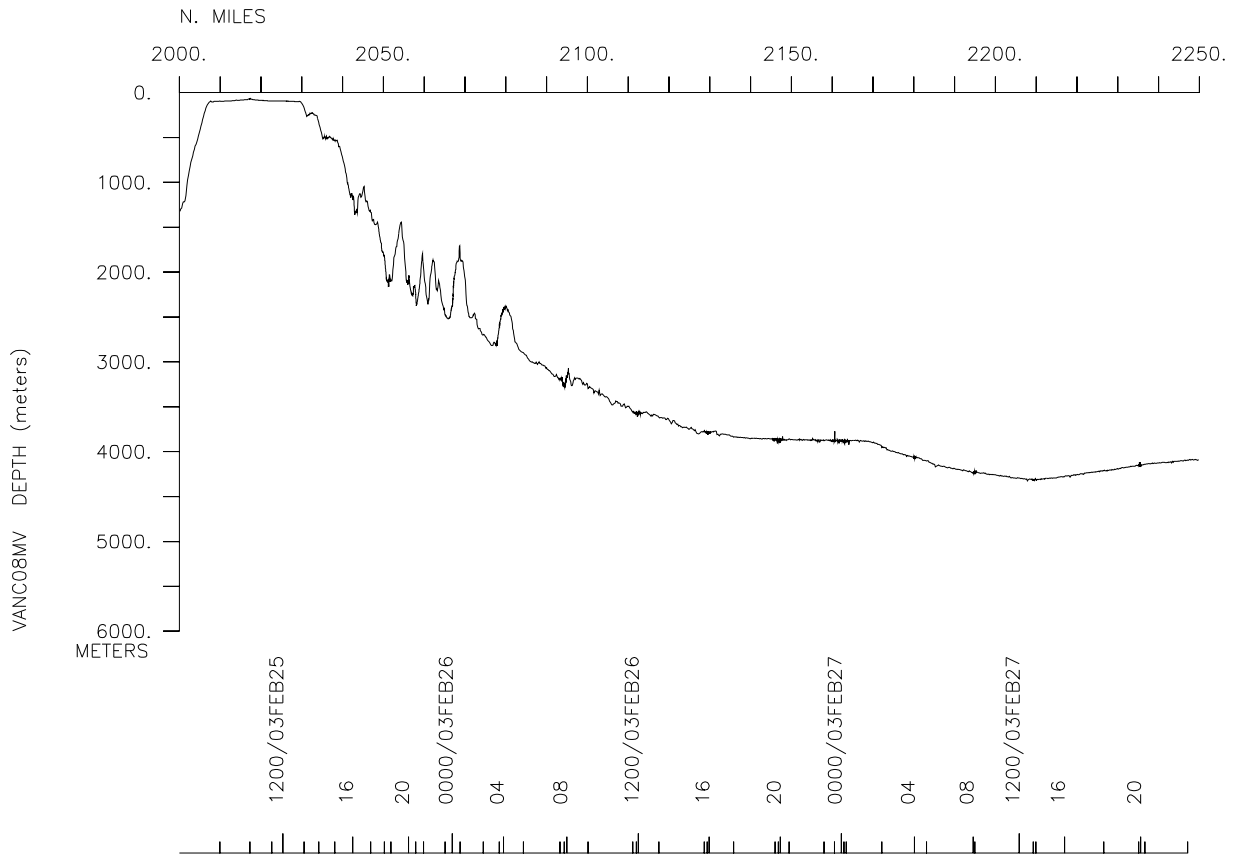
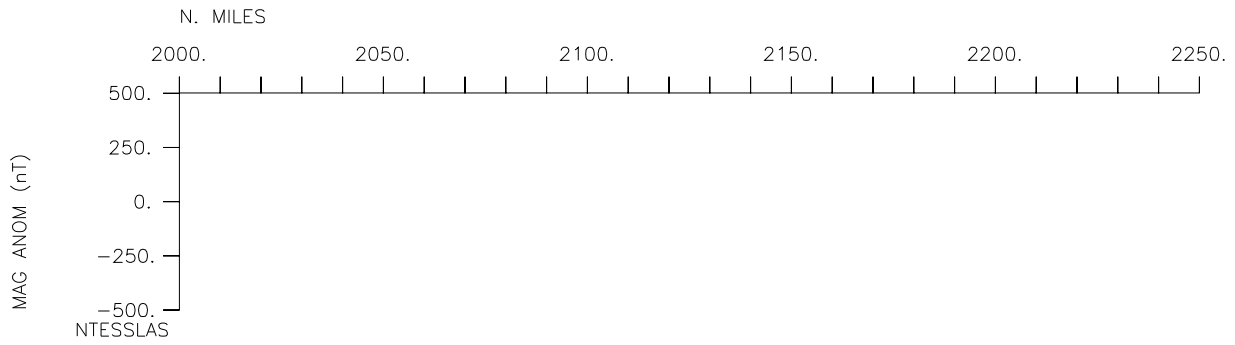
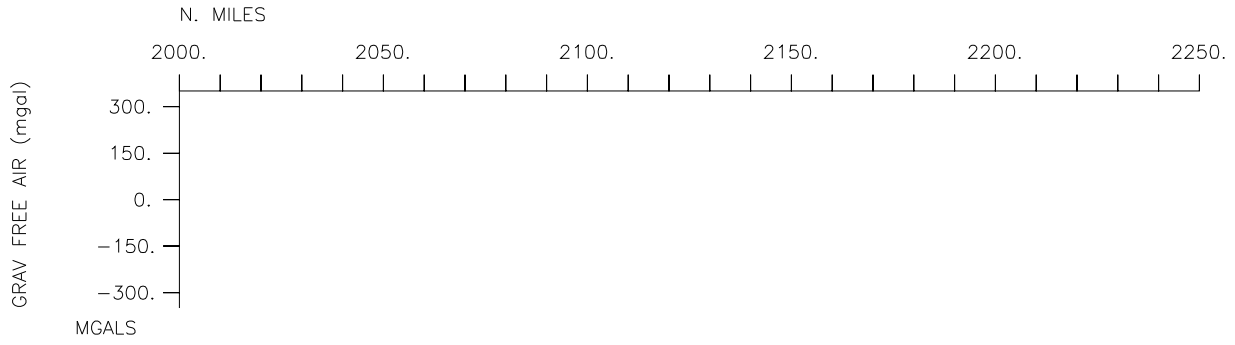


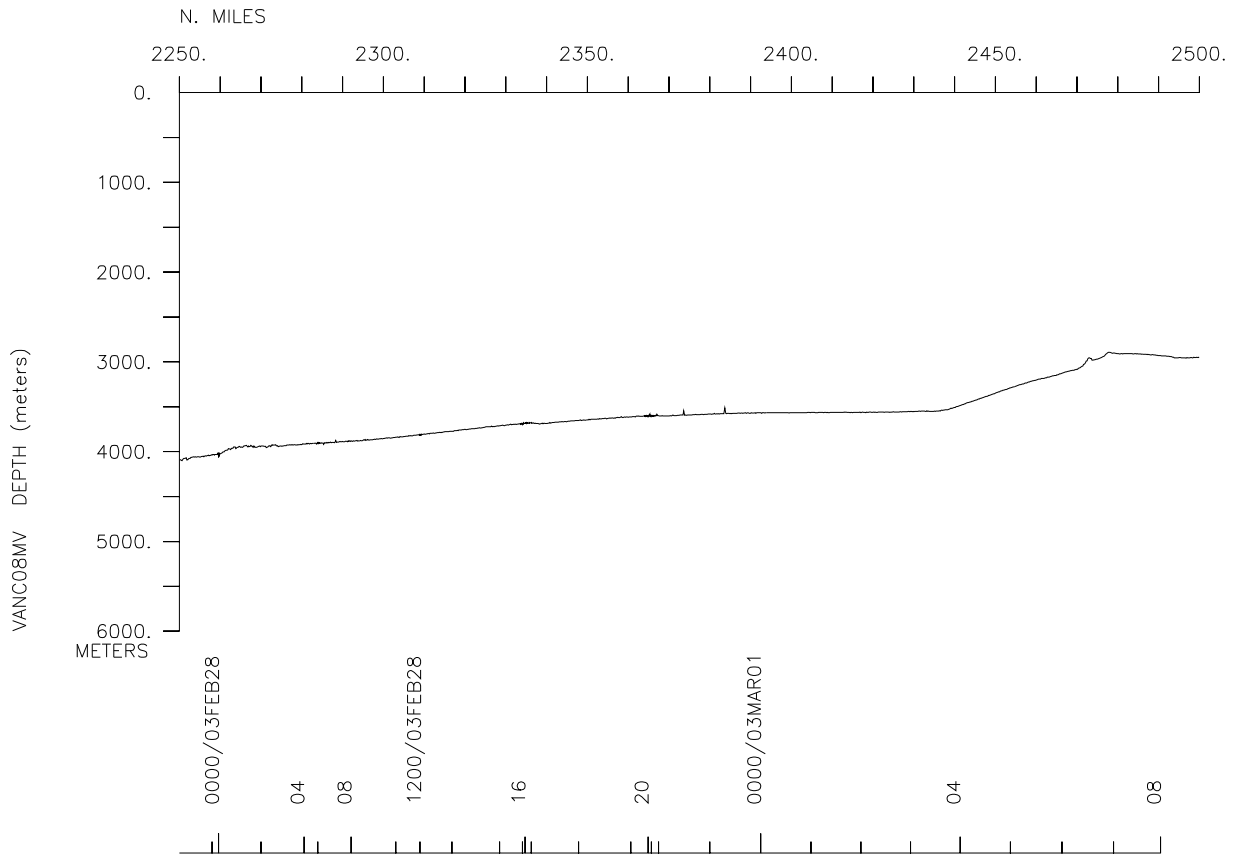
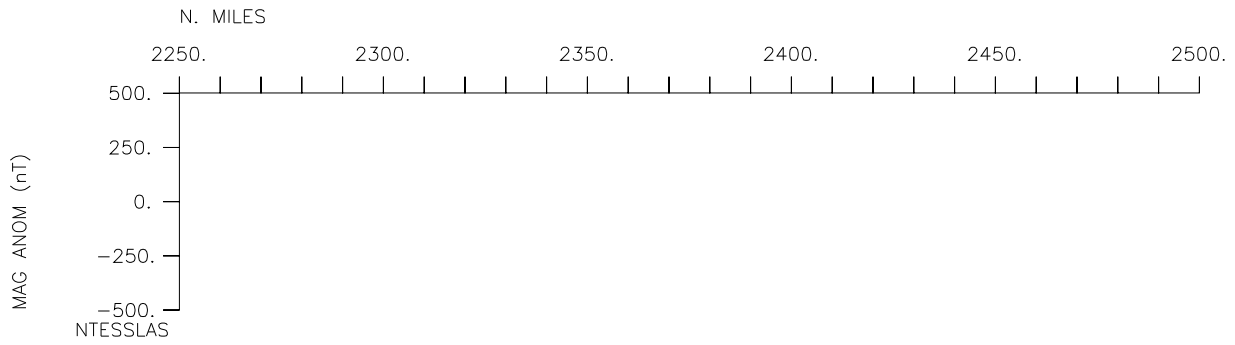
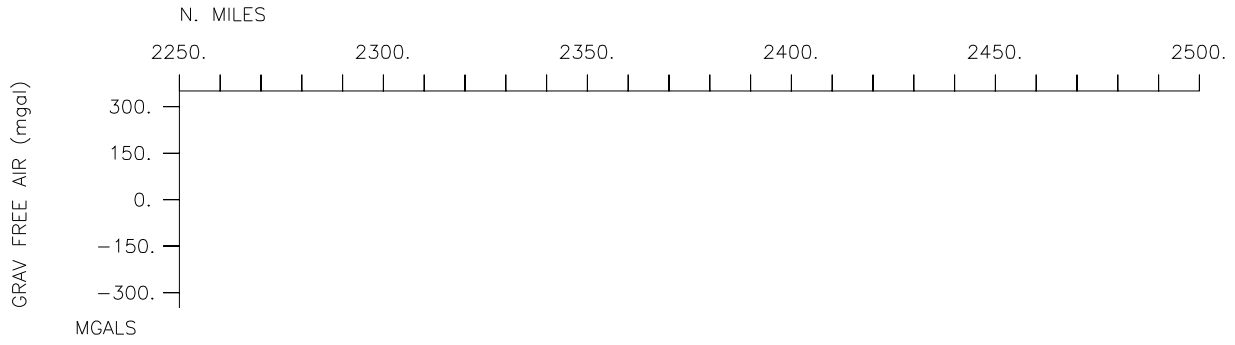


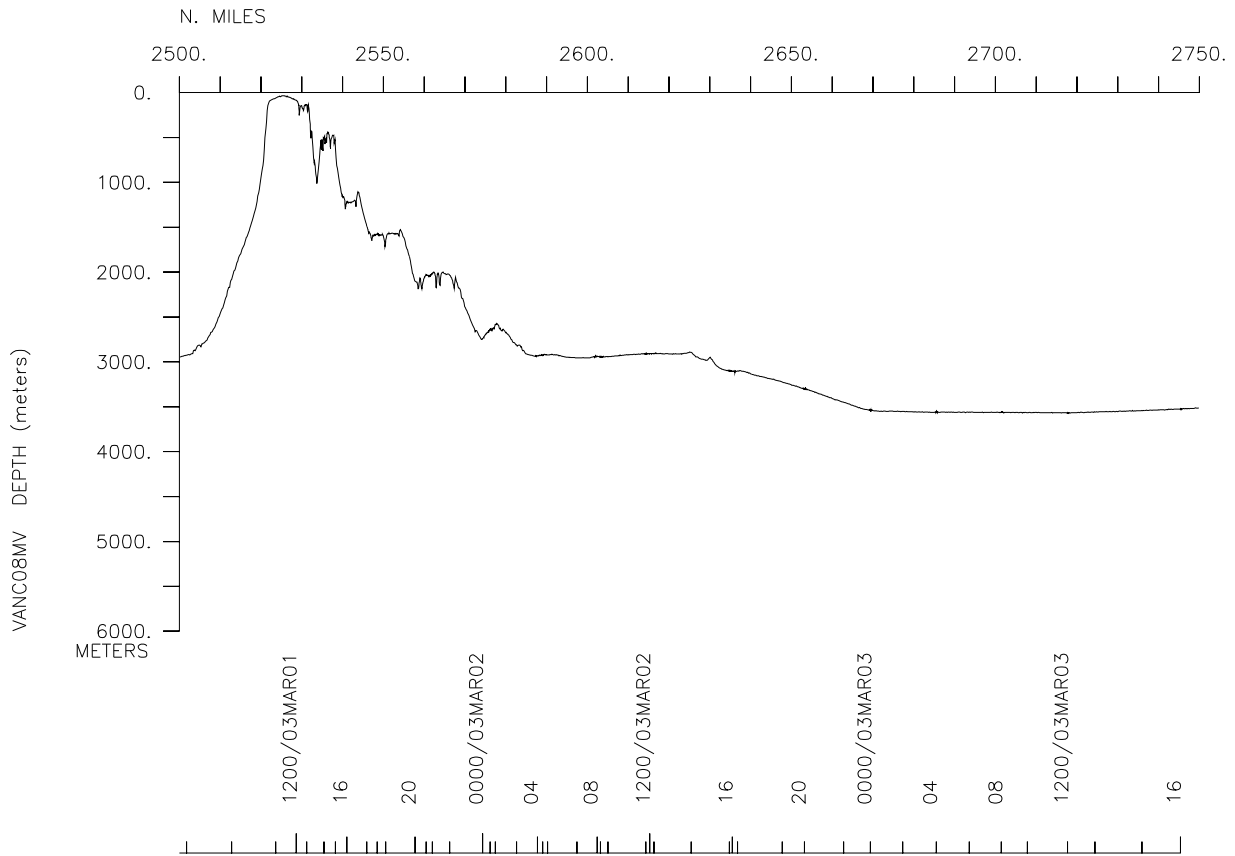
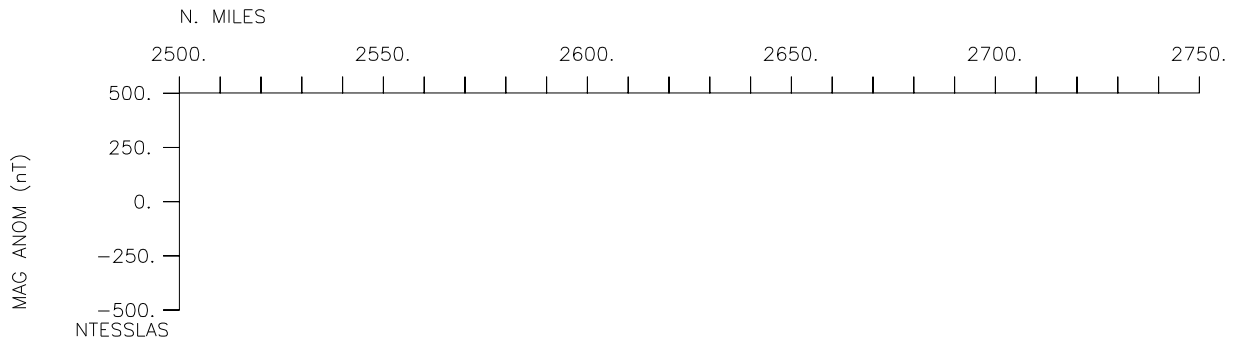
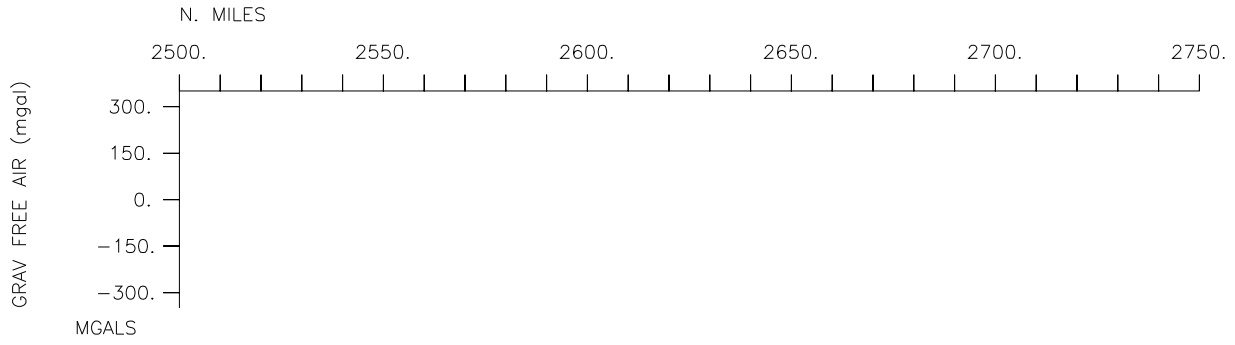


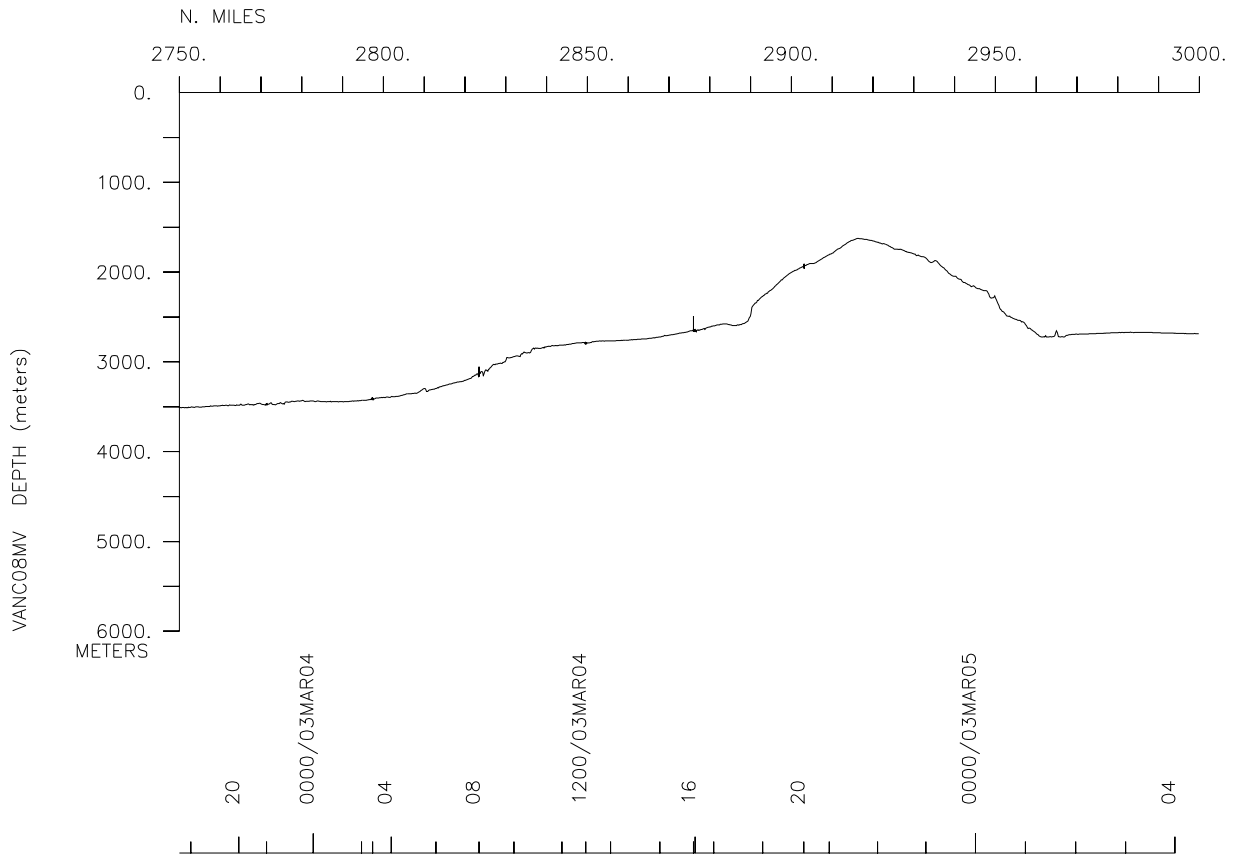
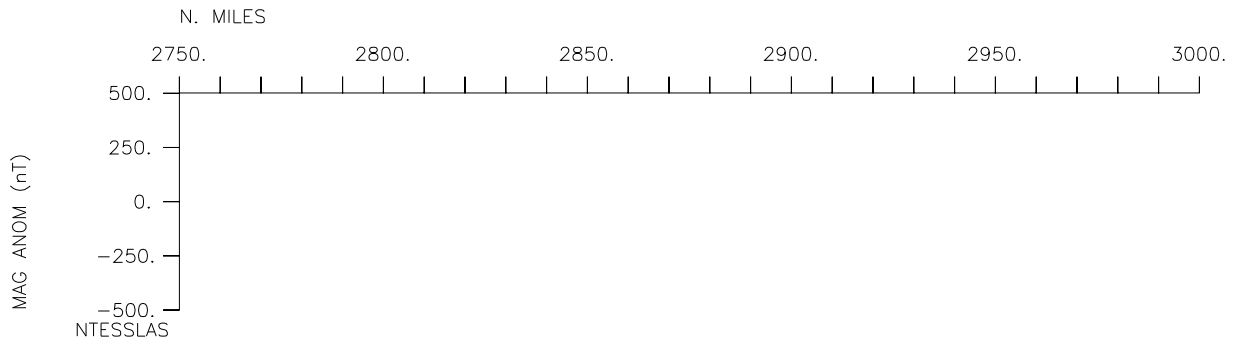
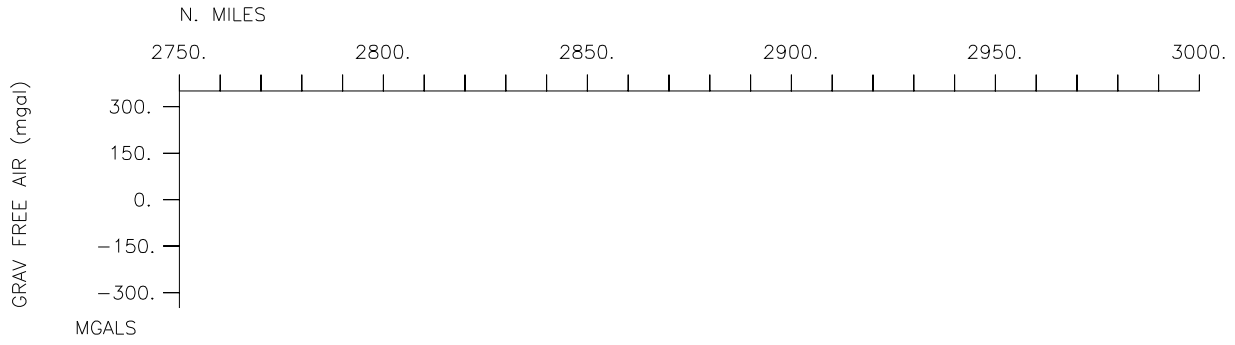


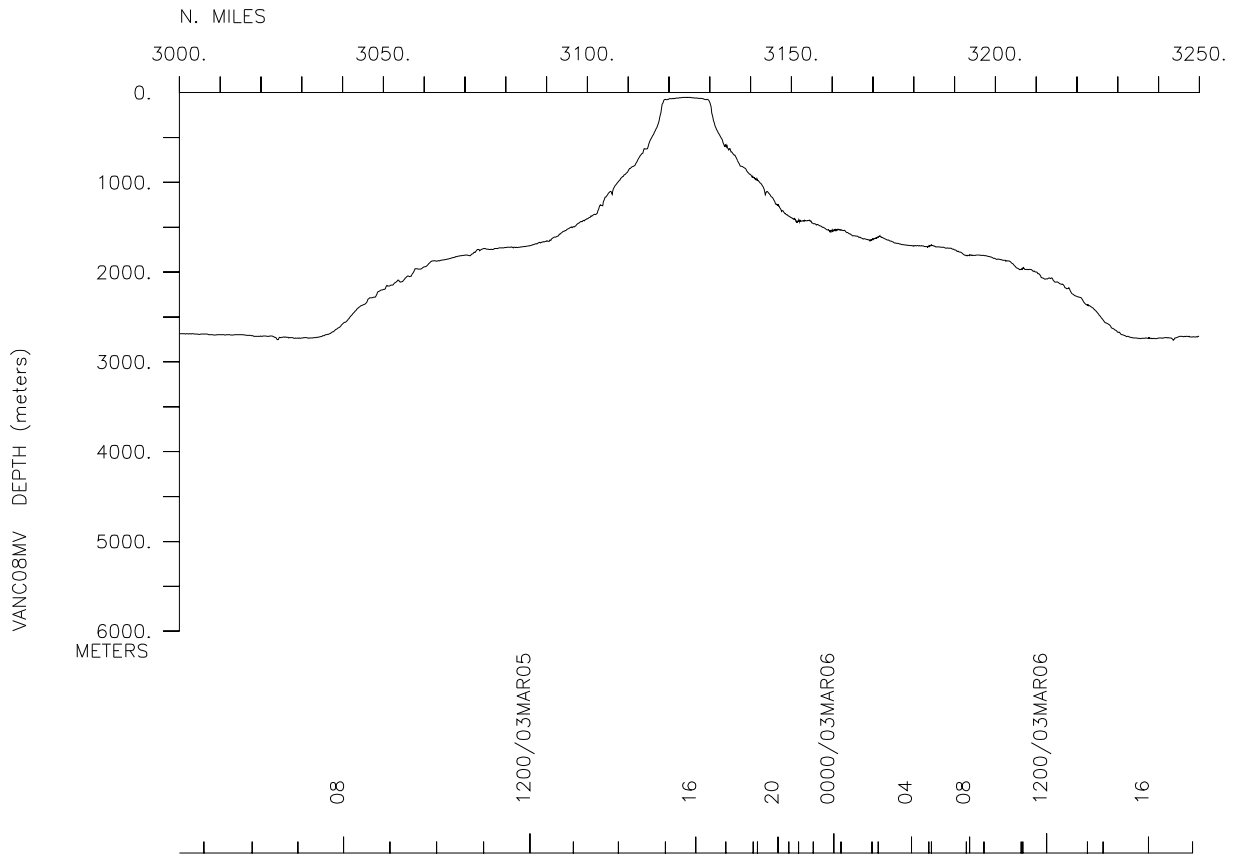
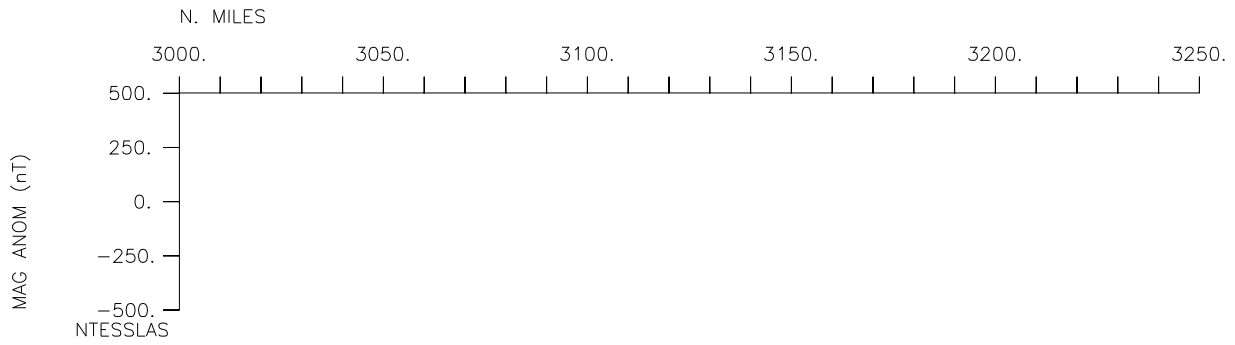
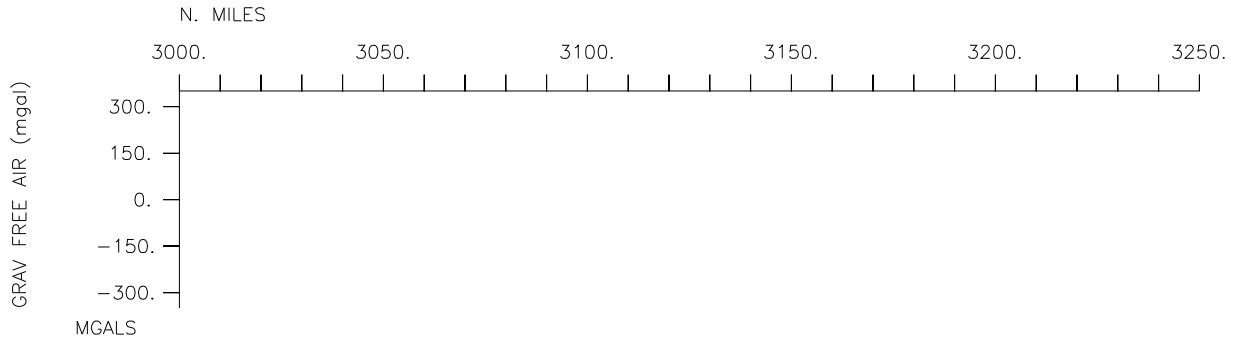


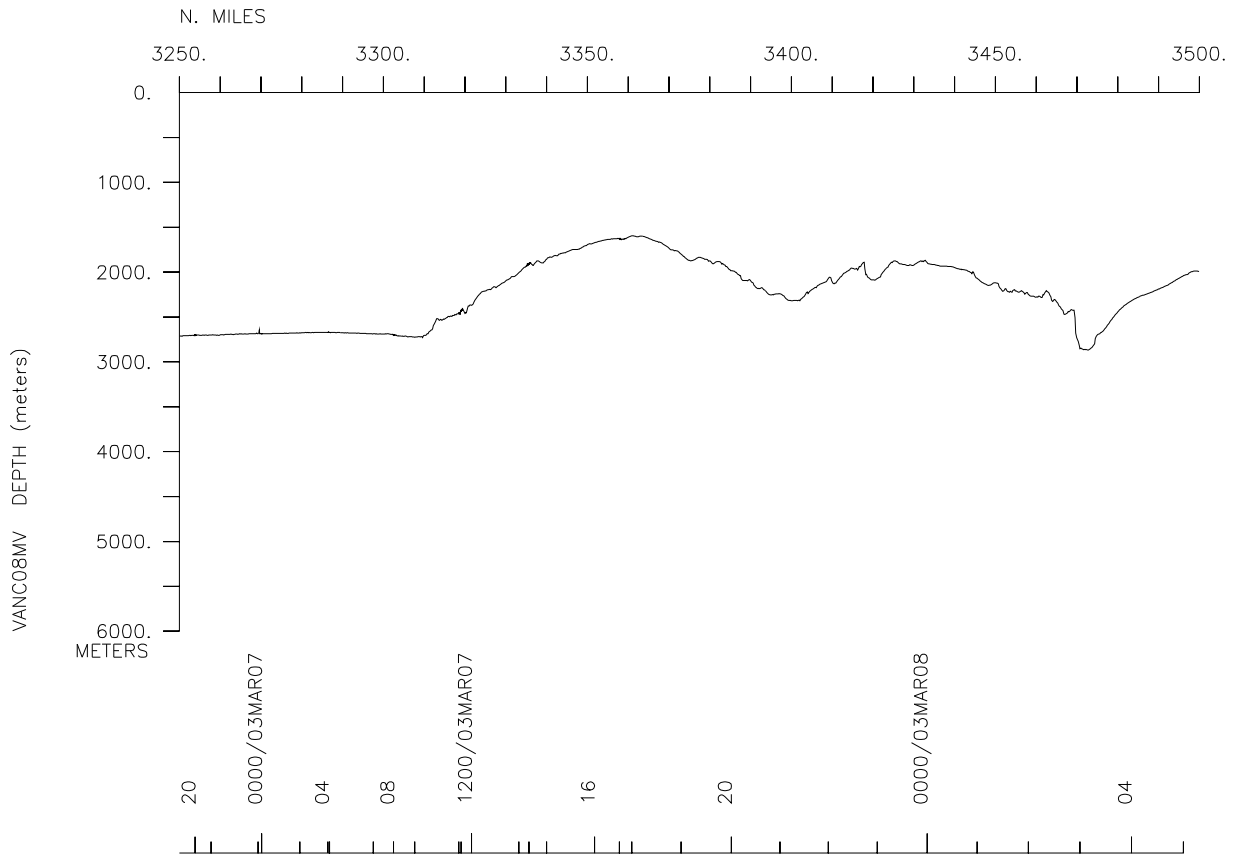
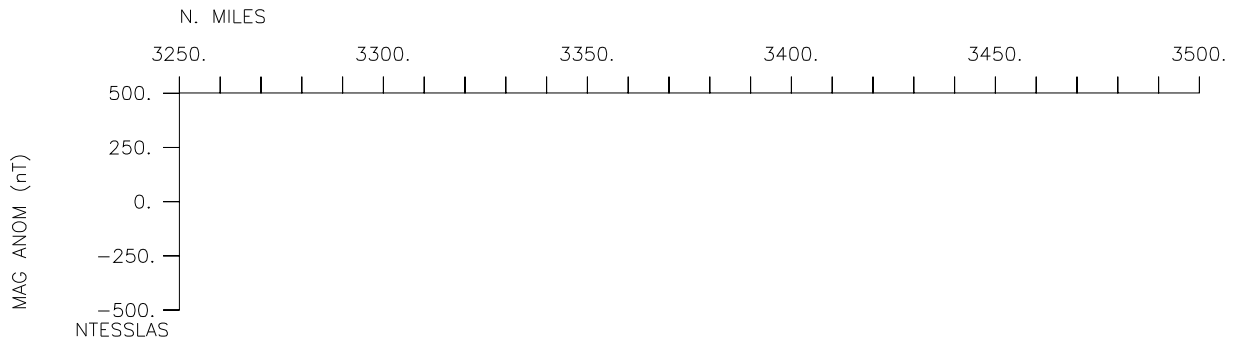
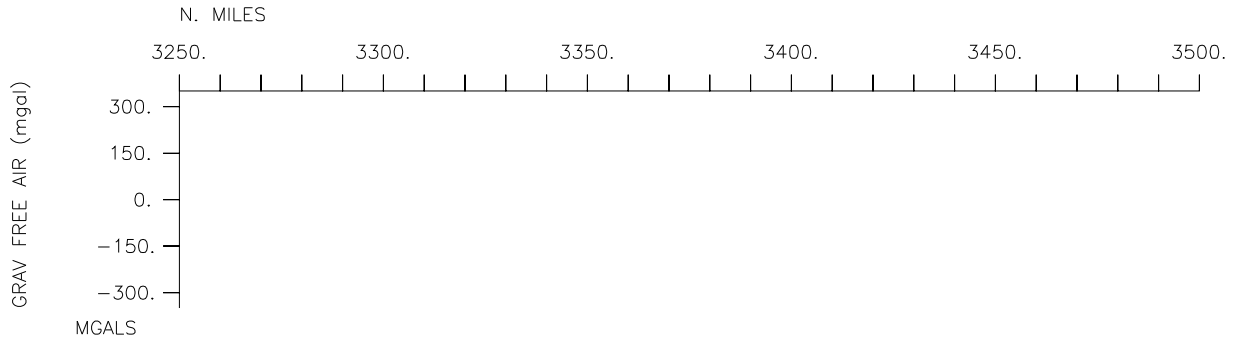


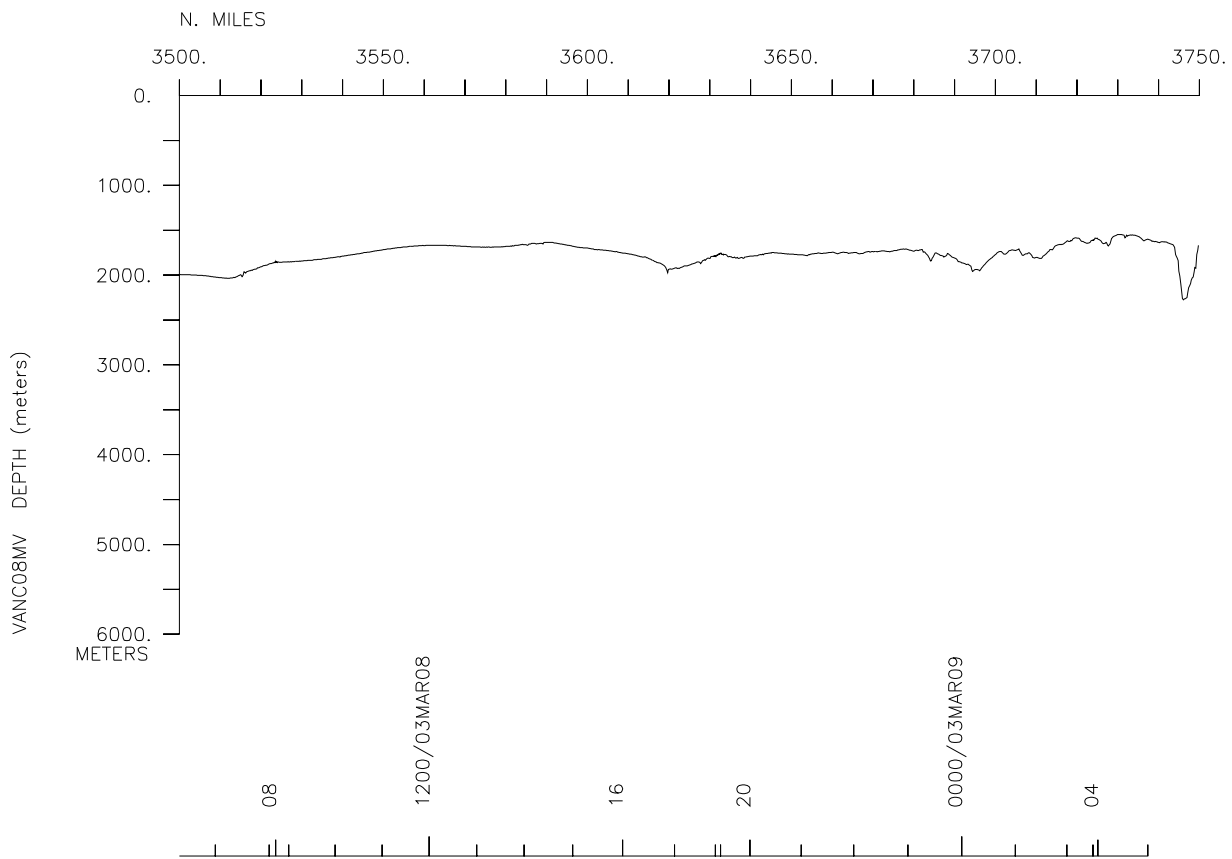
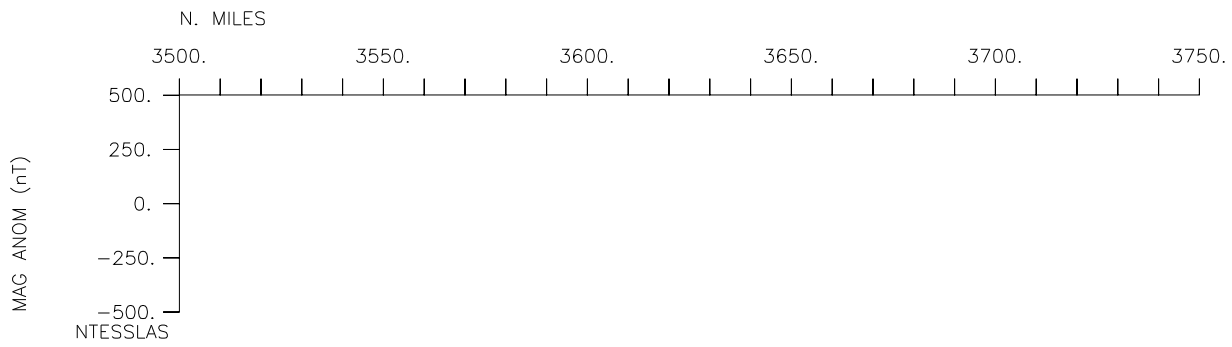
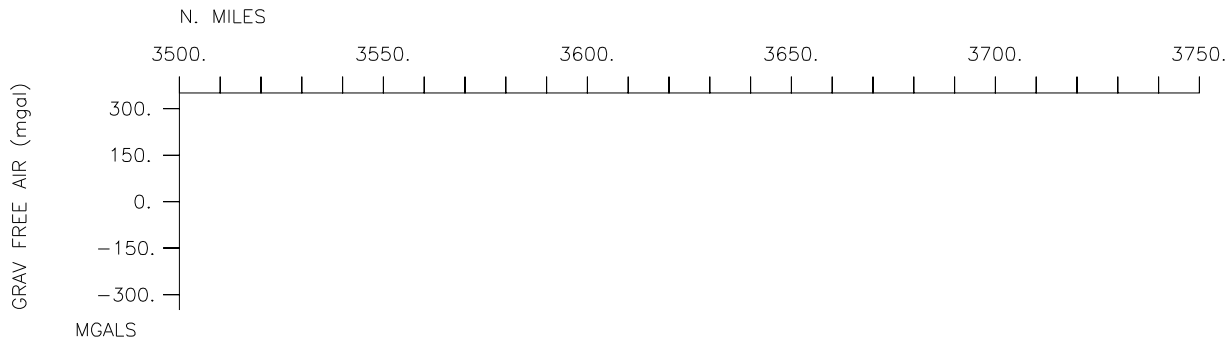


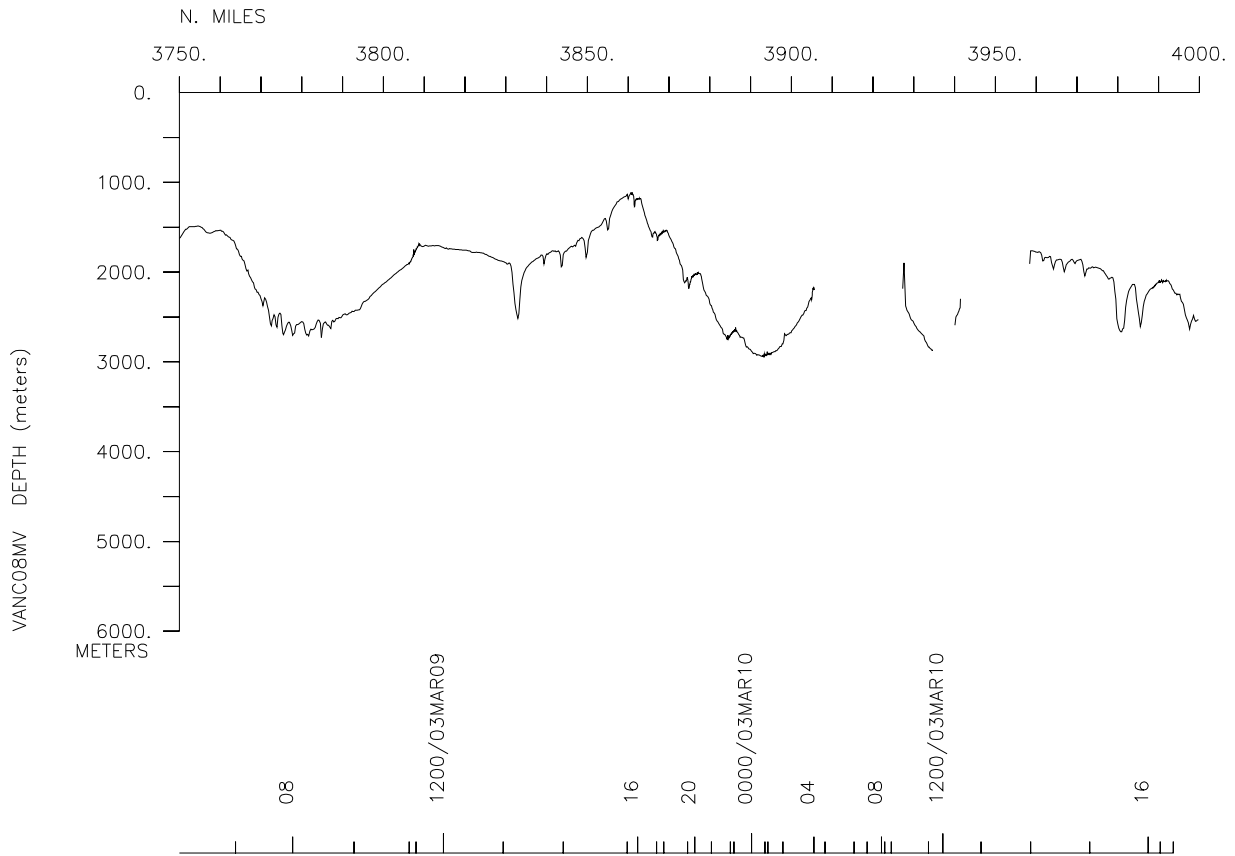
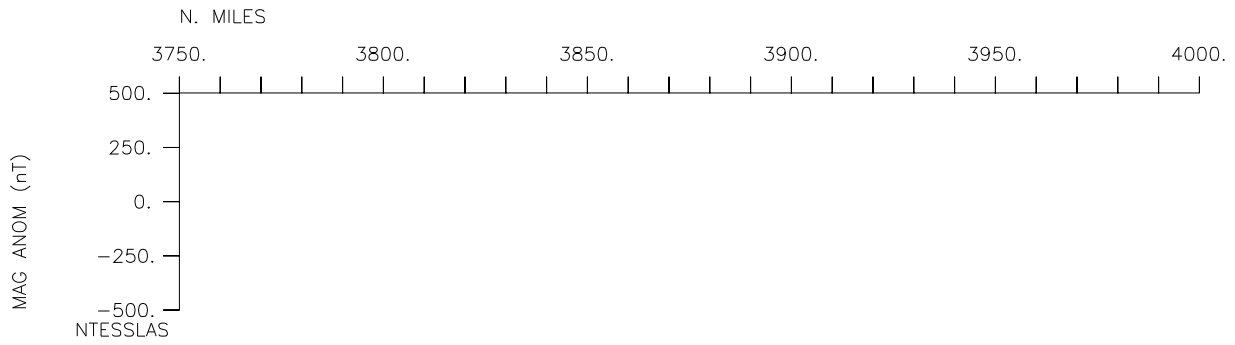
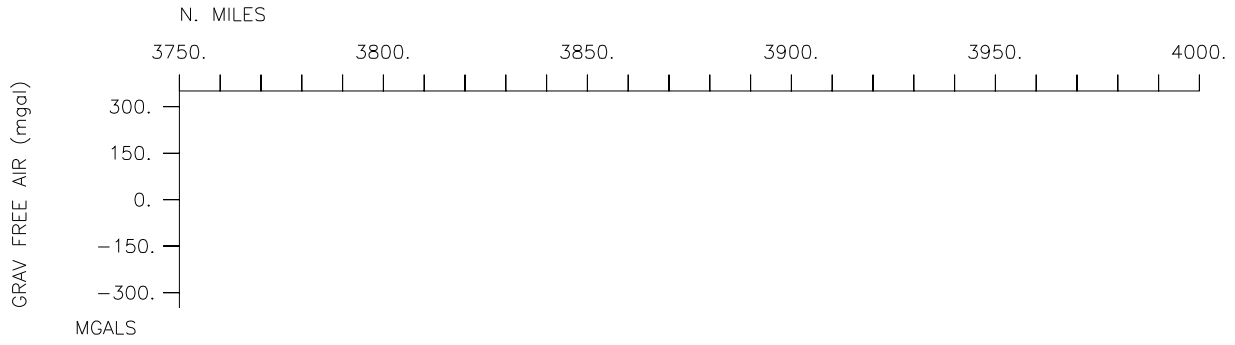


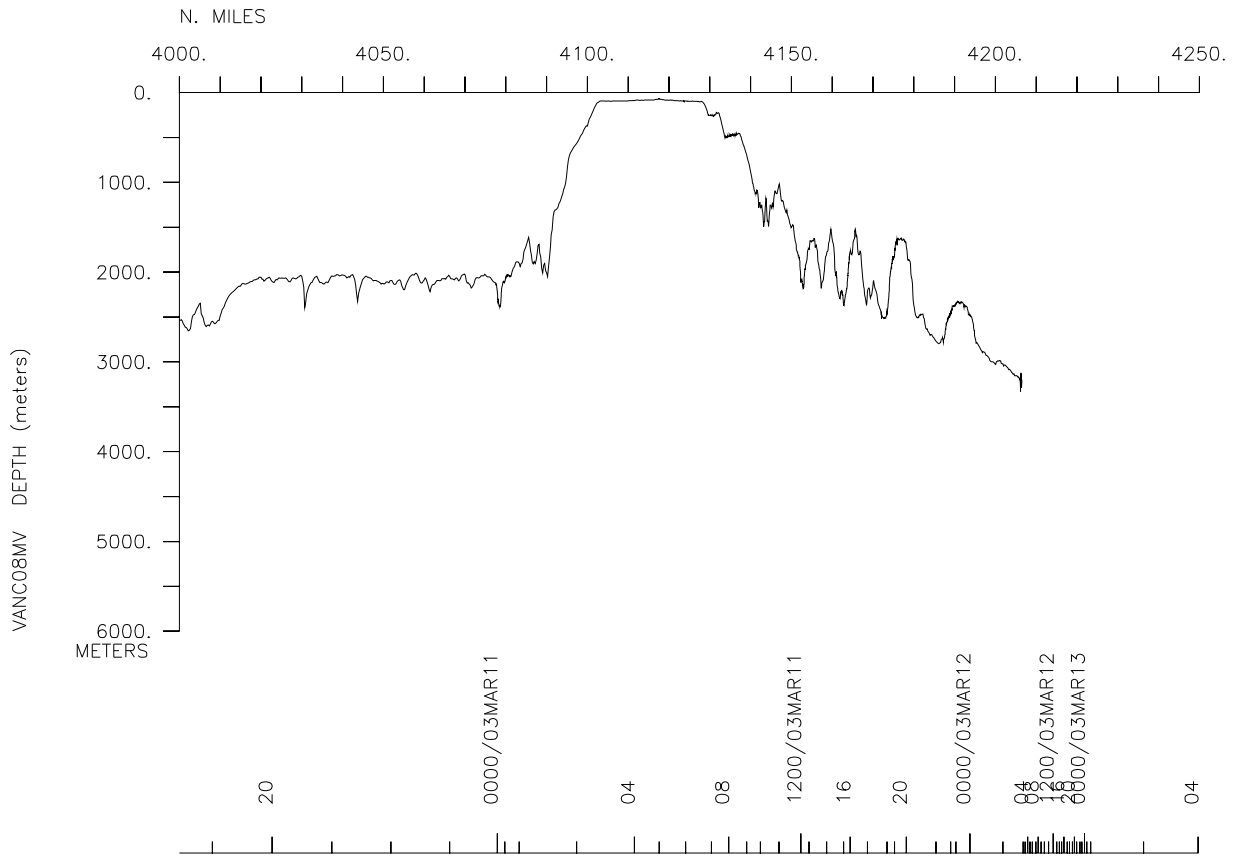
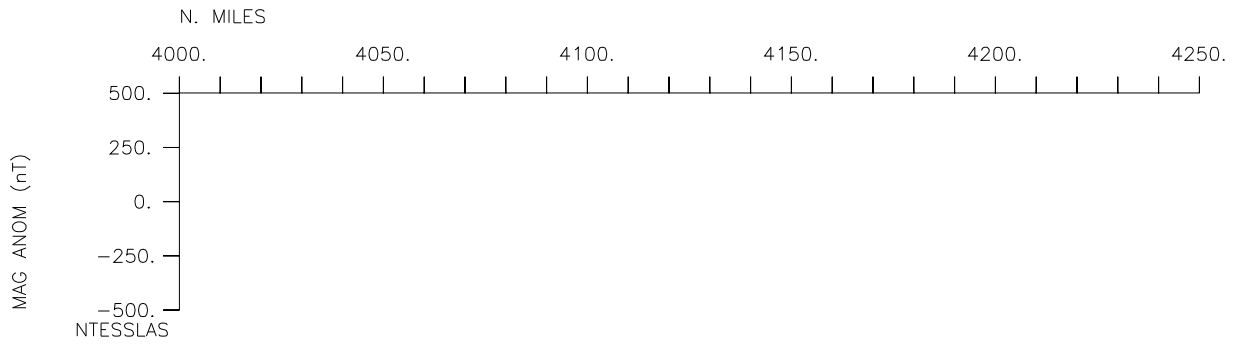
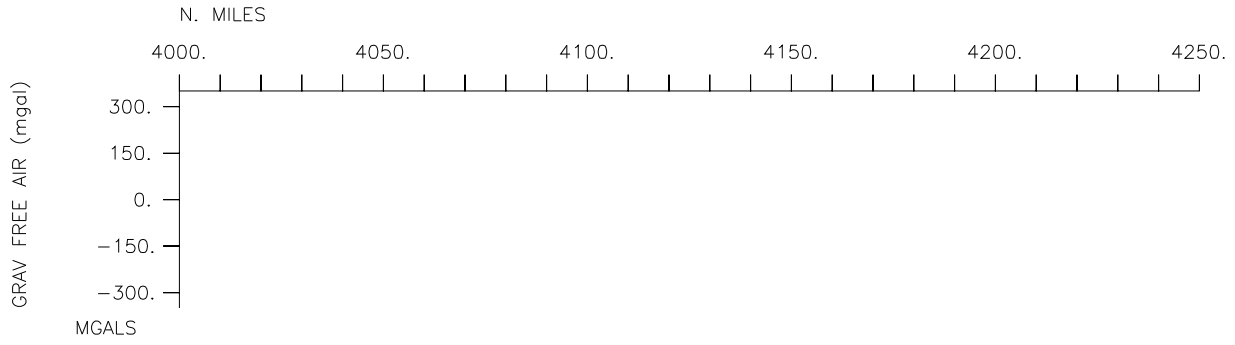


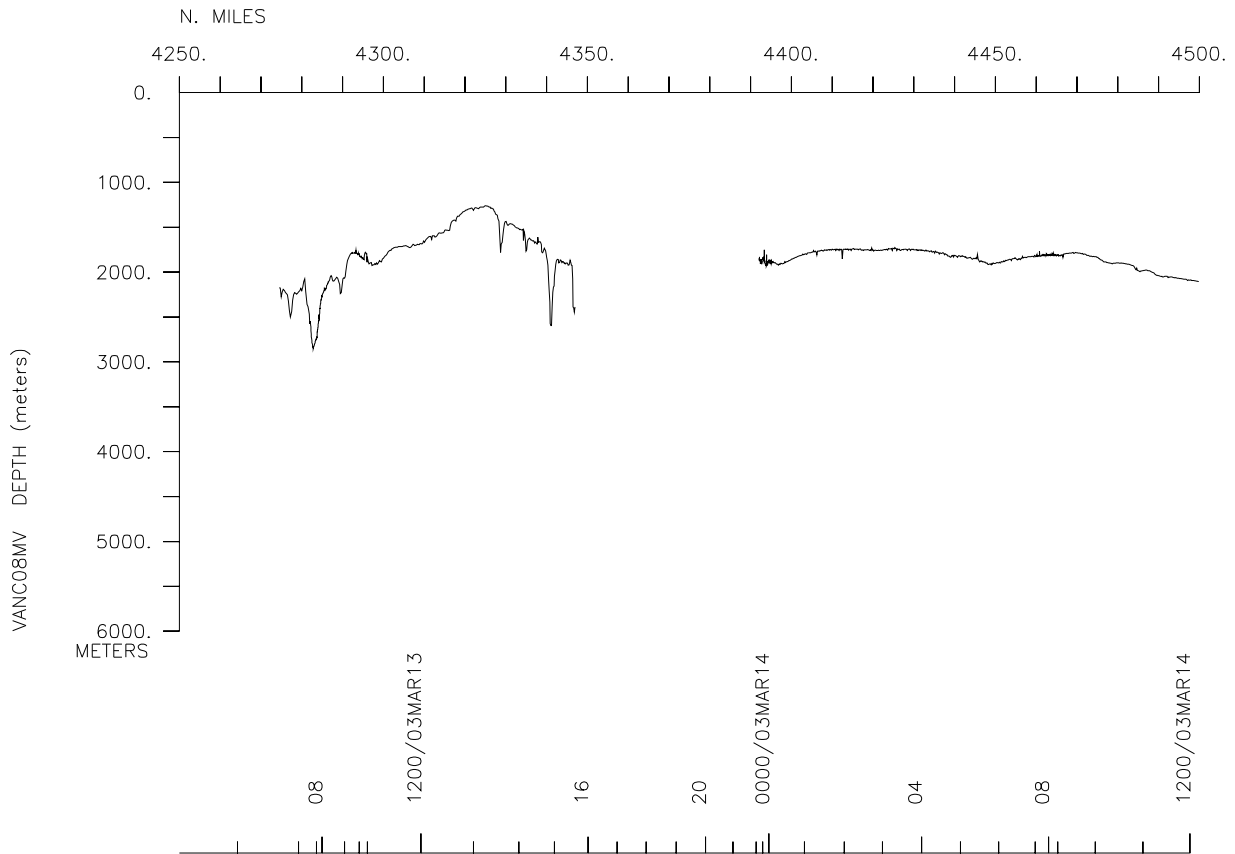
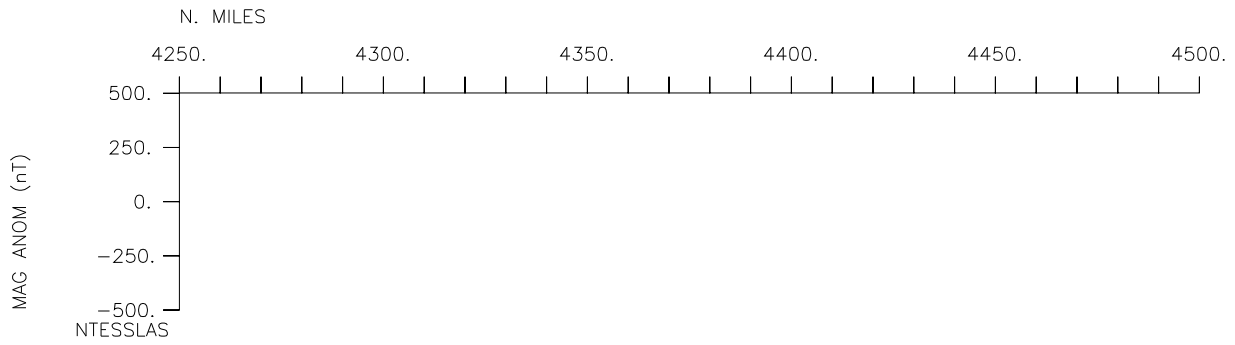
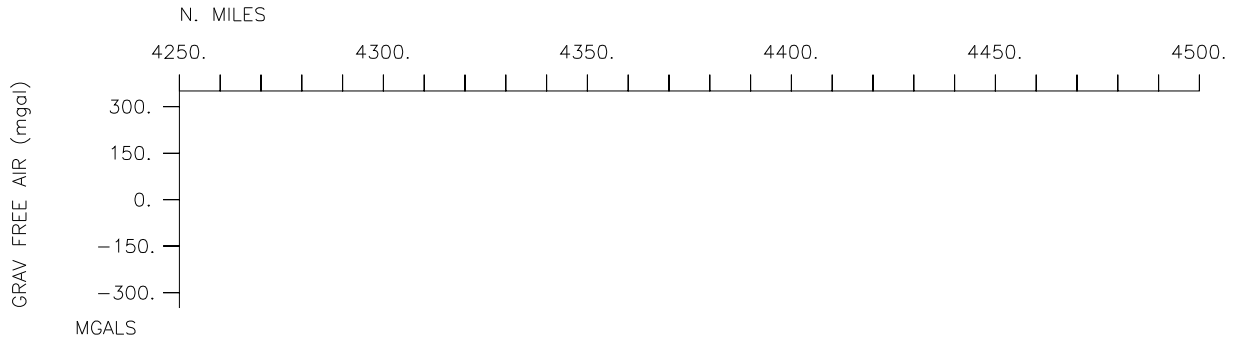


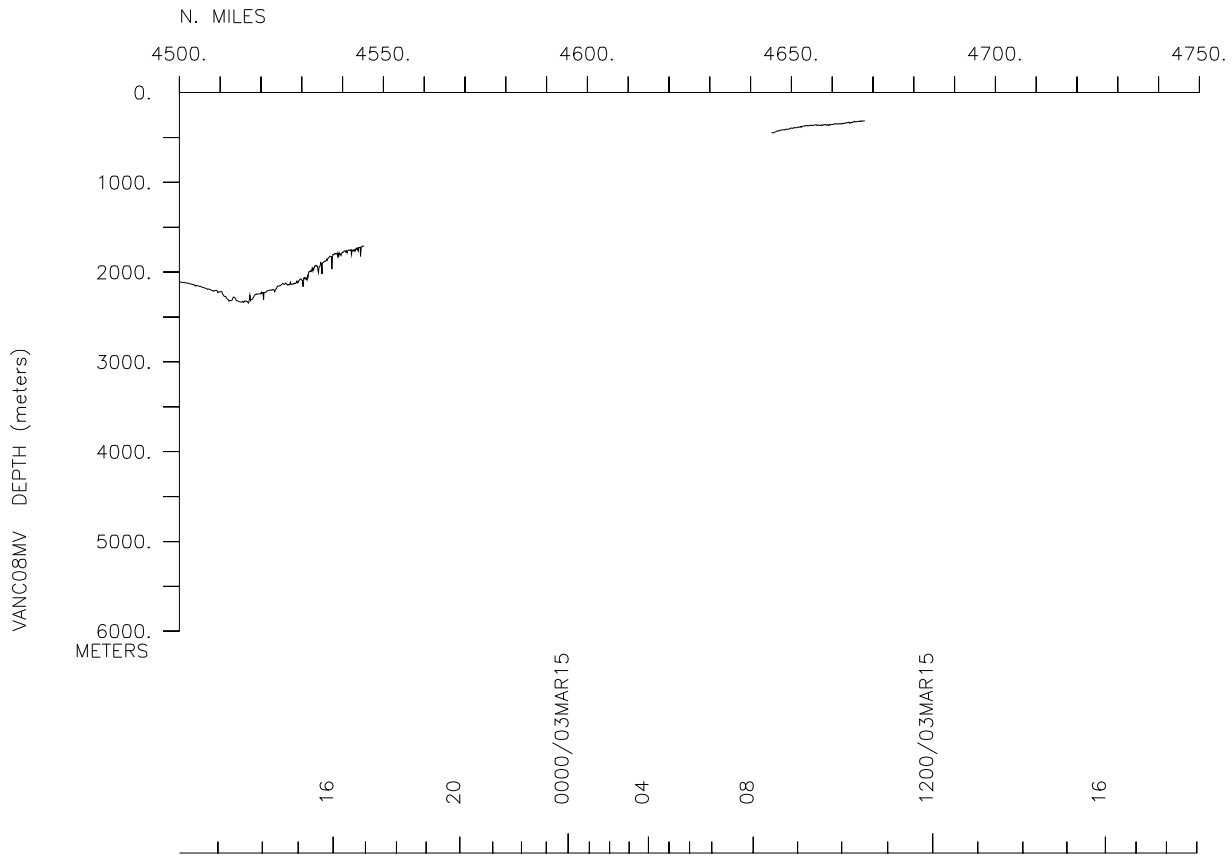
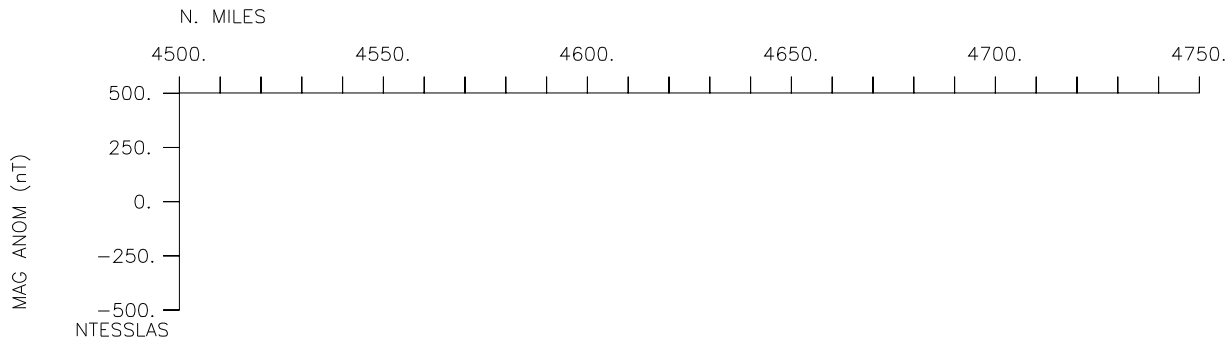
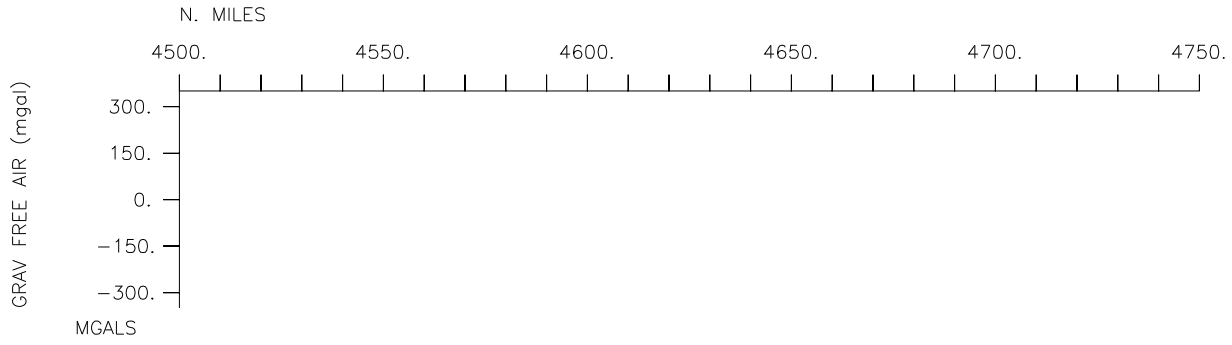


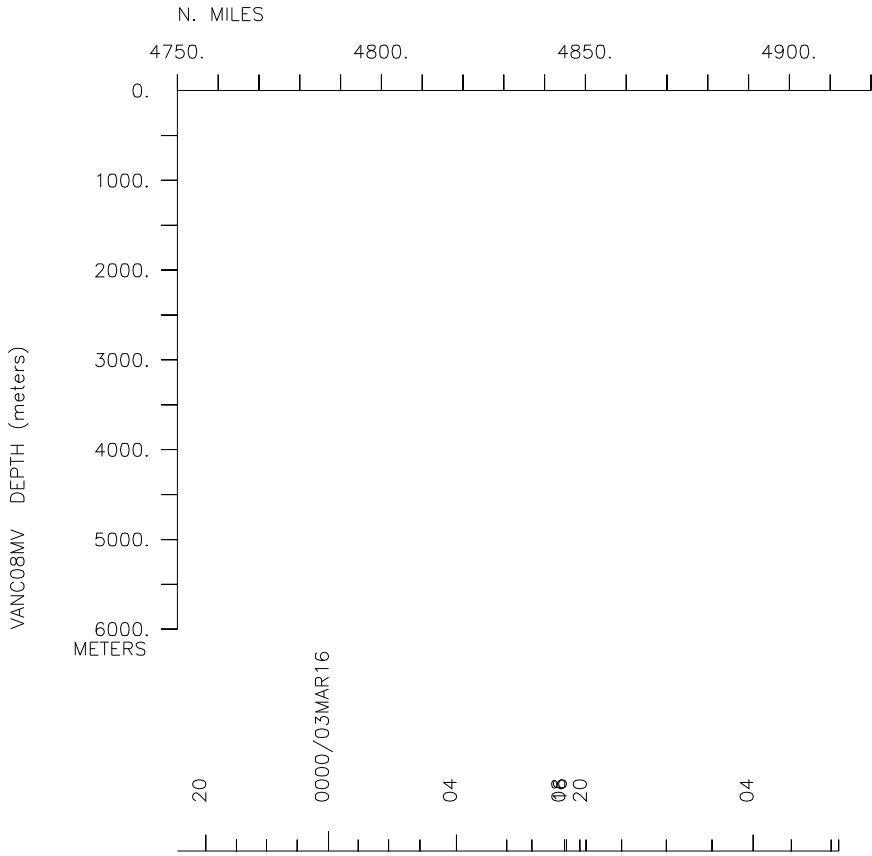
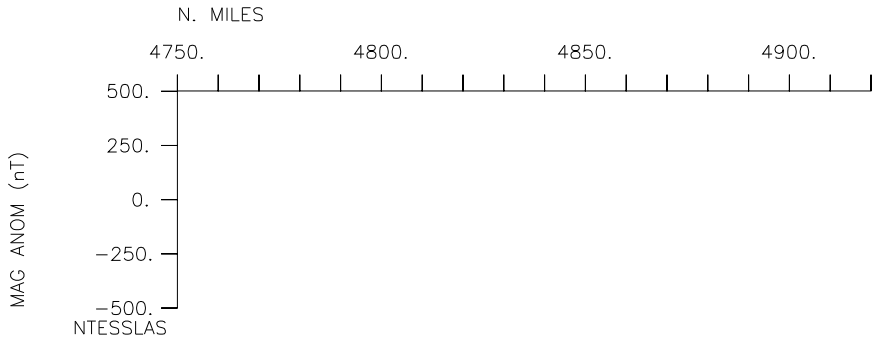
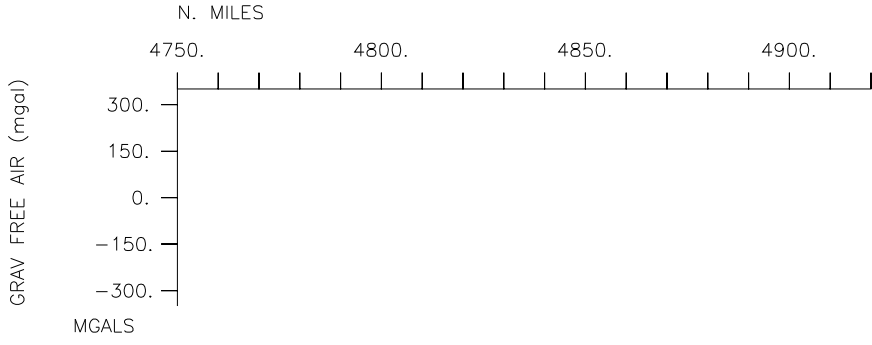












20 0000/03MAR16 04 08 20 04

**** Ports ****

1700	140203	LGPT B	Cape Town,S.Africa	33-53.00S	18-26.00E	f	VANC08MV
0800	170303	LGPT E	Cape Town,S.Africa	33-53.00S	18-26.00E	f	VANC08MV

**** Personnel ****

#	*****NAME*****	*****TITLE*****	*****AFFILIATION*****	**CRID**	
PECS	SIX	Beal, L.	Chief Scientist	RSMAS,U. of Miami	VANC08MV
PESP	SIO	Chereskin, T.	Scientist	Scripps Institution	VANC08MV
PESP	SIX	Cunningham, S.	Scientist	South Hampton Univ.	VANC08MV
PEST	SIX	Levine, R.	Grad student	South Hampton Univ.	VANC08MV
PEST	SIX	Picksley, D.	Grad student	South Hampton Univ.	VANC08MV
PESP	SIX	Vieira, F.	Observer	Mozambique	VANC08MV
PEST	SIX	Wollgar, L.	Undergraduate	Surrey Univ.,Eng.	VANC08MV
PEMT	SIX	Wynar, J.	Technician	South Hampton Univ.	VANC08MV
PEMT	STS	Calderwood, J.	Technician	Scripps Institution	VANC08MV
PEMT	STS	Delahoyde, F.	Technician	Scripps Institution	VANC08MV
PEST	SIO	Elipot, S.	Grad student	Scripps Institution	VANC08MV
PERT	STS	Engstrom, T.	Resident Tech	Scripps Institution	VANC08MV
PEMT	STS	Hiller, S.	Technician	Scripps Institution	VANC08MV
PECT	STS	Jacobson, D.	Computer Tech	Scripps Institution	VANC08MV
PEST	SIO	Lenn, L.	Grad student	Scripps Institution	VANC08MV
PEMT	STS	Rusk, S.	Technician	Scripps Institution	VANC08MV
PEMT	STS	Schmitt, J.	Technician	Scripps Institution	VANC08MV

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

**** Underway Data Curator - Shipboard Technical Support Group ext.41899 ****
 **** Digital Data Curator - Geological Data Center, S.P. Miller, ext.41898 ****

**** MultiBeam Data (vertical beam and side scan) ****

1751	140203	0	MBSR	B	v.beam&sidescan	GDC	34-20.41S	18-17.29E	g	VANC08MV
1025	150303	0	MBSR	E	v.beam&sidescan	GDC	36-20.59S	21-00.34E	g	VANC08MV

**** Integrated Meteorological Acquisition System ****

1700	140203	0	IMET	B	Weather Measurements	GDC	34-10.31S	18-14.33E	g	VANC08MV
0800	170303	0	IMET	E	Weather measurements	GDC	33-54.21S	18-25.40E	g	VANC08MV

**** Acoustic Doppler Current Profiler ****

1700	140203	0	ADCP	B	300khz Current Meas.	GDC	34-10.31S	18-14.33E	g	VANC08MV
0800	170303	0	ADCP	E	300khz Current Meas.	GDC	33-54.21S	18-25.40E	g	VANC08MV

#GMT	DDMMYY	SAMP	B	SAMPLE	CTD	#	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E	IDENTIFIER		CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#-----	---	-----	---	-----	-----	-----	---	-----	-----	-----	---	-----
*** Conductivity, Temperature, Depth ***												
*** Samples to South Hampton University ***												
1549	170203	0	TDCT	AUCE	mooring #1		SIX	31-06.38S	30-27.85E		g	VANC08MV
1811	170203	0	TDCT	AUCE	mooring#2		SIX	31-10.25S	30-31.80E		g	VANC08MV
2016	170203	0	TDCT	AUCE	mooring#3		SIX	31-14.34S	30-37.90E		g	VANC08MV
*** Samples went to University of Miami, Florida ***												
0808	160203	0	TDCT	B	CTD test	cast	SIX	34-18.22S	26-39.43E		g	VANC08MV
0955	160203	0	TDCT	E	CTD test	1900m	SIX	34-19.58S	26-37.09E		g	VANC08MV
1017	200203	0	TDCT	B	CTD #1	5 btls	SIX	34-27.11S	25-10.02E		g	VANC08MV
1032	200203	0	TDCT	E	CTD #1	108m	SIX	34-27.11S	25-09.99E		g	VANC08MV
1128	200203	0	TDCT	B	CTD #2	8 btls	SIX	34-33.69S	25-14.42E		g	VANC08MV
1150	200203	0	TDCT	E	CTD #2	315m	SIX	34-33.57S	25-14.60E		g	VANC08MV
1237	200203	0	TDCT	B	CTD #3	9 btls	SIX	34-37.10S	25-17.10E		g	VANC08MV
1309	200203	0	TDCT	E	CTD #3	465m	SIX	34-36.98S	25-18.22E		g	VANC08MV
1418	200203	0	TDCT	B	CTD #4	11 btls	SIX	34-40.78S	25-20.30E		g	VANC08MV
1505	200203	0	TDCT	E	CTD #4	1010m	SIX	34-40.45S	25-21.11E		g	VANC08MV
1606	200203	0	TDCT	B	CTD #5	11 btls	SIX	34-43.40S	25-22.05E		g	VANC08MV
1709	200203	0	TDCT	E	CTD #5	1530m	SIX	34-43.22S	25-23.09E		g	VANC08MV
2122	200203	0	TDCT	B	CTD #6	11 btls	SIX	34-45.54S	25-23.55E		g	VANC08MV
2359	200203	0	TDCT	E	CTD #6	1777m	SIX	34-45.95S	25-24.60E		g	VANC08MV
0840	210203	0	TDCT	B	CTD #7	11 btls	SIX	34-50.76S	25-27.28E		g	VANC08MV
1009	210203	0	TDCT	E	CTD #7	2010m	SIX	34-50.74S	25-27.32E		g	VANC08MV
1126	210203	0	TDCT	B	CTD #8	14 btls	SIX	34-56.10S	25-29.92E		g	VANC08MV
1351	210203	0	TDCT	E	CTD #8	2710m	SIX	34-58.36S	25-27.94E		g	VANC08MV
1533	210203	0	TDCT	B	CTD #9	20 btls	SIX	34-59.79S	25-33.10E		g	VANC08MV
1839	210203	0	TDCT	E	CTD #9	4285m	SIX	35-03.91S	25-28.54E		g	VANC08MV
2036	210203	0	TDCT	B	CTD #10	19 btls	SIX	35-03.58S	25-35.84E		g	VANC08MV
2348	210203	0	TDCT	E	CTD #10	5070m	SIX	35-07.33S	25-29.65E		g	VANC08MV
0206	220203	0	TDCT	B	CTD #11	10 btls	SIX	35-09.93S	25-40.99E		g	VANC08MV
0525	220203	0	TDCT	E	CTD #11	4630m	SIX	35-13.36S	25-35.20E		g	VANC08MV
0737	220203	0	TDCT	B	CTD #12	18 btls	SIX	35-20.14S	25-48.56E		g	VANC08MV
1031	220203	0	TDCT	E	CTD #12	4430m	SIX	35-21.98S	25-43.92E		g	VANC08MV
1228	220203	0	TDCT	B	CTD #13	22 btls	SIX	35-31.09S	25-55.76E		g	VANC08MV
1528	220203	0	TDCT	E	CTD #13	4505m	SIX	35-32.90S	25-52.81E		g	VANC08MV
1720	220203	0	TDCT	B	CTD #14	19 btls	SIX	35-40.98S	26-03.23E		g	VANC08MV
2026	220203	0	TDCT	E	CTD #14	4650m	SIX	35-42.28S	26-01.60E		g	VANC08MV
2226	220203	0	TDCT	B	CTD #15	15 btls	SIX	35-28.00S	27-43.00E		g	VANC08MV
0127	230203	0	TDCT	E	CTD #15	4696m	SIX	35-52.47S	26-10.01E		g	VANC08MV
0302	230203	0	TDCT	B	CTD #16	13 btls	SIX	36-01.31S	26-17.51E		g	VANC08MV
0611	230203	0	TDCT	E	CTD #16	4691m	SIX	36-01.30S	26-17.50E		g	VANC08MV
0913	230203	0	TDCT	B	CTD #17	09 btls	SIX	35-50.81S	26-47.97E		g	VANC08MV
1208	230203	0	TDCT	E	CTD #17	4695m	SIX	35-50.80S	26-48.00E		g	VANC08MV

#GMT #TIME #-----	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	CTD #	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
1445	230203	0	TDCT	B	CTD #18	09 btls	SIX	35-38.99S	27-15.99E	g	VANC08MV
1732	230203	0	TDCT	E	CTD #18	4670m	SIX	35-38.99S	27-15.99E	g	VANC08MV
1959	230203	0	TDCT	B	CTD #19	08 btls	SIX	35-27.97S	27-42.96E	g	VANC08MV
2242	230203	0	TDCT	E	CTD #19	4535m	SIX	35-27.99S	27-42.99E	g	VANC08MV
0116	240203	0	TDCT	B	CTD #20	12 btls	SIX	35-16.77S	28-11.98E	g	VANC08MV
0353	240203	0	TDCT	E	CTD #20	4420m	SIX	35-16.80S	28-12.00E	g	VANC08MV
0628	240203	0	TDCT	B	CTD #21	11 btls	SIX	35-05.45S	28-40.52E	g	VANC08MV
0912	240203	0	TDCT	E	CTD #21	4430m	SIX	35-05.50S	28-40.50E	g	VANC08MV
1149	240203	0	TDCT	B	CTD #22	09 btls	SIX	34-53.98S	29-08.98E	g	VANC08MV
1427	240203	0	TDCT	E	CTD #22	4450m	SIX	34-54.00S	29-09.00E	g	VANC08MV
1700	240203	0	TDCT	B	CTD #23	07 btls	SIX	34-44.47S	29-38.06E	g	VANC08MV
1944	240203	0	TDCT	E	CTD #23	4420m	SIX	34-43.76S	29-36.14E	g	VANC08MV
0947	250203	0	TDCT	B	CTD #24	02 btls	SIX	32-55.28S	28-07.17E	g	VANC08MV
0955	250203	0	TDCT	E	CTD #24	60m	SIX	32-55.28S	28-07.17E	g	VANC08MV
1120	250203	0	TDCT	B	CTD #25	03 btls	SIX	32-59.86S	28-11.94E	g	VANC08MV
1143	250203	0	TDCT	E	CTD #25	90m	SIX	33-00.35S	28-11.12E	g	VANC08MV
1312	250203	0	TDCT	B	CTD #26	03 btls	SIX	33-03.45S	28-16.45E	g	VANC08MV
1333	250203	0	TDCT	E	CTD #26	245m	SIX	33-03.97S	28-15.54E	g	VANC08MV
1412	250203	0	TDCT	B	CTD #27	04 btls	SIX	33-04.66S	28-17.20E	g	VANC08MV
1436	250203	0	TDCT	E	CTD #27	515m	SIX	33-05.42S	28-16.22E	g	VANC08MV
1531	250203	0	TDCT	B	CTD #28	06 btls	SIX	33-06.34S	28-19.76E	g	VANC08MV
1615	250203	0	TDCT	E	CTD #28	1160m	SIX	33-07.48S	28-18.63E	g	VANC08MV
1722	250203	0	TDCT	B	CTD #29	06 btls	SIX	33-08.95S	28-22.50E	g	VANC08MV
1841	250203	0	TDCT	E	CTD #29	1855m	SIX	33-10.35S	28-20.50E	g	VANC08MV
2010	250203	0	TDCT	B	CTD #30	07 btls	SIX	33-09.61S	28-23.94E	g	VANC08MV
2143	250203	0	TDCT	E	CTD #30	2310m	SIX	33-11.44S	28-21.84E	g	VANC08MV
2307	250203	0	TDCT	B	CTD #31	07 btls	SIX	33-11.16S	28-25.29E	g	VANC08MV
0046	260203	0	TDCT	E	CTD #31	2660m	SIX	33-12.91S	28-22.91E	g	VANC08MV
0232	260203	0	TDCT	B	CTD #32	07 btls	SIX	33-15.01S	28-30.01E	g	VANC08MV
0415	260203	0	TDCT	E	CTD #32	2630m	SIX	33-16.50S	28-28.37E	g	VANC08MV
0605	260203	0	TDCT	B	CTD #33	08 btls	SIX	33-22.49S	28-39.61E	g	VANC08MV
0813	260203	0	TDCT	E	CTD #33	3310m	SIX	33-23.80S	28-38.36E	g	VANC08MV
1007	260203	0	TDCT	B	CTD #34	08 btls	SIX	33-32.44S	28-51.78E	g	VANC08MV
1221	260203	0	TDCT	E	CTD #34	3625m	SIX	33-33.35S	28-50.91E	g	VANC08MV
1405	260203	0	TDCT	B	CTD #35	08 btls	SIX	33-42.29S	29-04.23E	g	VANC08MV
1619	260203	0	TDCT	E	CTD #35	3810m	SIX	33-43.32S	29-04.06E	g	VANC08MV
1804	260203	0	TDCT	B	CTD #36	08 btls	SIX	33-53.03S	29-15.88E	g	VANC08MV
2032	260203	0	TDCT	E	CTD #36	3925m	SIX	33-53.92S	29-17.17E	g	VANC08MV
2337	260203	0	TDCT	B	CTD #37	07 btls	SIX	34-01.95S	29-28.13E	g	VANC08MV
0202	270203	0	TDCT	E	CTD #37	3940m	SIX	34-02.14S	29-29.91E	g	VANC08MV
0354	270203	0	TDCT	B	CTD #38	08 btls	SIX	34-12.61S	29-40.00E	g	VANC08MV
0630	270203	0	TDCT	E	CTD #38	4035m	SIX	34-12.60S	29-40.00E	g	VANC08MV
0815	270203	0	TDCT	B	CTD #39	08 btls	SIX	34-22.53S	29-52.06E	g	VANC08MV
1055	270203	0	TDCT	E	CTD #39	4250m	SIX	34-22.50S	29-52.10E	g	VANC08MV
1222	270203	0	TDCT	B	CTD #40	08 btls	SIX	34-32.44S	30-03.50E	g	VANC08MV
1500	270203	0	TDCT	E	CTD #40	4397m	SIX	34-32.35S	30-02.79E	g	VANC08MV

1804	270203	0	TDCT	B	CTD	#41	08	btls	SIX	34-14.26S	30-23.25E	g	VANC08MV
2041	270203	0	TDCT	E	CTD	#41	4175m	SIX	34-22.50S	29-52.10E	g	VANC08MV	
2319	270203	0	TDCT	B	CTD	#42	06	btls	SIX	33-56.60S	30-42.53E	g	VANC08MV
0150	280203	0	TDCT	E	CTD	#42	4050m	SIX	32-42.64S	32-04.46E	g	VANC08MV	

#GMT #TIME #-----	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	CTD #	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0435	280203	0	TDCT	B	CTD #43	08 btls	SIX	33-39.20S	31-02.50E	g	VANC08MV
0702	280203	0	TDCT	E	CTD #43	3925m	SIX	31-02.55S	30-21.88E	g	VANC08MV
0941	280203	0	TDCT	B	CTD #44	11 btls	SIX	33-20.33S	31-21.68E	g	VANC08MV
1209	280203	0	TDCT	E	CTD #44	3830m	SIX	31-07.21S	30-25.07E	g	VANC08MV
1436	280203	0	TDCT	B	CTD #45	08 btls	SIX	33-03.12S	31-42.61E	g	VANC08MV
1648	280203	0	TDCT	E	CTD #45	3785m	SIX	31-21.54S	30-46.89E	g	VANC08MV
1927	280203	0	TDCT	B	CTD #46	08 btls	SIX	32-43.61S	32-02.59E	g	VANC08MV
2143	280203	0	TDCT	E	CTD #46	3670m	SIX	32-42.82S	32-04.33E	g	VANC08MV
1117	010303	0	TDCT	B	CTD #47	03 btls	SIX	31-00.02S	30-19.00E	g	VANC08MV
1123	010303	0	TDCT	E	CTD #47	30m	SIX	31-00.08S	30-19.01E	g	VANC08MV
1210	010303	0	TDCT	B	CTD #48	05 btls	SIX	31-02.39S	30-22.09E	g	VANC08MV
1233	010303	0	TDCT	E	CTD #48	140m	SIX	31-03.24S	30-21.52E	g	VANC08MV
1402	010303	0	TDCT	B	CTD #49	07 btls	SIX	31-03.09S	30-22.70E	g	VANC08MV
1439	010303	0	TDCT	E	CTD #49	416m	SIX	31-03.51S	30-22.24E	g	VANC08MV
1520	010303	0	TDCT	B	CTD #50	12 btls	SIX	31-43.90S	31-18.89E	g	VANC08MV
1618	010303	0	TDCT	E	CTD #50	1298m	SIX	31-05.46S	30-23.21E	g	VANC08MV
1713	010303	0	TDCT	B	CTD #51	11 btls	SIX	33-03.11S	31-43.16E	g	VANC08MV
1840	010303	0	TDCT	E	CTD #51	1725m	SIX	32-49.50S	31-56.46E	g	VANC08MV
2025	010303	0	TDCT	B	CTD #52	13 btls	SIX	31-08.03S	30-29.95E	g	VANC08MV
2218	010303	0	TDCT	E	CTD #52	2327m	SIX	31-11.08S	30-27.55E	g	VANC08MV
0002	020303	0	TDCT	B	CTD #53	15 btls	SIX	31-12.29S	30-35.40E	g	VANC08MV
0204	020303	0	TDCT	E	CTD #53	2880m	SIX	31-14.48S	30-32.81E	g	VANC08MV
0344	020303	0	TDCT	B	CTD #54	15 btls	SIX	31-15.79S	30-40.76E	g	VANC08MV
0600	020303	0	TDCT	E	CTD #54	3050m	SIX	31-17.93S	30-38.35E	g	VANC08MV
0738	020303	0	TDCT	B	CTD #55	15 btls	SIX	31-20.98S	30-47.96E	g	VANC08MV
0937	020303	0	TDCT	E	CTD #55	2990m	SIX	31-21.92S	30-46.34E	g	VANC08MV
1057	020303	0	TDCT	B	CTD #56	14 btls	SIX	31-26.97S	30-54.95E	g	VANC08MV
1256	020303	0	TDCT	E	CTD #56	2935m	SIX	31-28.62S	30-53.68E	g	VANC08MV
1453	020303	0	TDCT	B	CTD #57	15 btls	SIX	31-37.00S	31-09.40E	g	VANC08MV
1648	020303	0	TDCT	E	CTD #57	3120m	SIX	31-38.17S	31-08.58E	g	VANC08MV
1836	020303	0	TDCT	B	CTD #58	15 btls	SIX	31-47.13S	31-23.24E	g	VANC08MV
2053	020303	0	TDCT	E	CTD #58	3320m	SIX	31-47.10S	31-23.30E	g	VANC08MV
2248	020303	0	TDCT	B	CTD #59	16 btls	SIX	31-57.61S	31-37.20E	g	VANC08MV
0108	030303	0	TDCT	E	CTD #59	3560m	SIX	31-57.60S	31-37.20E	g	VANC08MV
0250	030303	0	TDCT	B	CTD #60	16 btls	SIX	32-07.33S	31-51.70E	g	VANC08MV
0508	030303	0	TDCT	E	CTD #60	3580m	SIX	32-07.30S	31-51.70E	g	VANC08MV
0650	030303	0	TDCT	B	CTD #61	18 btls	SIX	32-17.21S	32-05.98E	g	VANC08MV
0914	030303	0	TDCT	E	CTD #61	3550m	SIX	32-17.20S	32-06.00E	g	VANC08MV
1057	030303	0	TDCT	B	CTD #62	15 btls	SIX	32-28.30S	32-19.52E	g	VANC08MV
1314	030303	0	TDCT	E	CTD #62	3587m	SIX	32-28.30S	32-19.50E	g	VANC08MV
1559	030303	0	TDCT	B	CTD #63	09 btls	SIX	32-13.29S	32-46.72E	g	VANC08MV
1810	030303	0	TDCT	E	CTD #63	3545m	SIX	32-13.28S	32-46.73E	g	VANC08MV
2042	030303	0	TDCT	B	CTD #64	08 btls	SIX	31-58.94S	33-11.97E	g	VANC08MV
2251	030303	0	TDCT	E	CTD #64	3475m	SIX	31-58.90S	33-12.00E	g	VANC08MV
0120	040303	0	TDCT	B	CTD #65	08 btls	SIX	31-44.96S	33-37.46E	g	VANC08MV
0324	040303	0	TDCT	E	CTD #65	3430m	SIX	31-44.99S	33-37.49E	g	VANC08MV

0604	040303	0	TDCT B	CTD #66	08	btls	SIX	31-30.69S	34-02.96E	g	VANC08MV
0802	040303	0	TDCT E	CTD #66		3140m	SIX	31-30.70S	34-03.00E	g	VANC08MV

#GMT #TIME #-----	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	CTD #	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
1035	040303	0	TDCT	B	CTD #67	07 btls	SIX	31-16.39S	34-28.29E	g	VANC08MV
1218	040303	0	TDCT	E	CTD #67	2800m	SIX	31-16.40S	34-28.30E	g	VANC08MV
1451	040303	0	TDCT	B	CTD #68	08 btls	SIX	31-02.46S	34-54.19E	g	VANC08MV
1627	040303	0	TDCT	E	CTD #68	2660m	SIX	31-01.96S	34-53.98E	g	VANC08MV
1857	040303	0	TDCT	B	CTD #69	07 btls	SIX	30-48.29S	35-18.97E	g	VANC08MV
2017	040303	0	TDCT	E	CTD #69	1930m	SIX	30-48.30S	35-19.00E	g	VANC08MV
1532	050303	0	TDCT	B	CTD #70	02 btls	SIX	29-14.67S	31-53.35E	g	VANC08MV
1538	050303	0	TDCT	E	CTD #70	40m	SIX	29-14.65S	31-53.34E	g	VANC08MV
1641	050303	0	TDCT	B	CTD #71	05 btls	SIX	29-18.61S	32-02.90E	g	VANC08MV
1707	050303	0	TDCT	E	CTD #71	580m	SIX	29-18.81S	32-02.95E	g	VANC08MV
1801	050303	0	TDCT	B	CTD #72	09 btls	SIX	29-21.18S	32-09.56E	g	VANC08MV
1848	050303	0	TDCT	E	CTD #72	945m	SIX	29-21.71S	32-09.97E	g	VANC08MV
1933	050303	0	TDCT	B	CTD #73	09 btls	SIX	29-23.75S	32-15.00E	g	VANC08MV
2033	050303	0	TDCT	E	CTD #73	1265m	SIX	29-23.78S	32-15.03E	g	VANC08MV
2123	050303	0	TDCT	B	CTD #74	09 btls	SIX	29-25.53S	32-19.02E	g	VANC08MV
2227	050303	0	TDCT	E	CTD #74	1470m	SIX	29-27.24S	32-19.17E	g	VANC08MV
2332	050303	0	TDCT	B	CTD #75	09 btls	SIX	29-27.48S	32-23.95E	g	VANC08MV
0041	060303	0	TDCT	E	CTD #75	1565m	SIX	29-28.94S	32-23.72E	g	VANC08MV
0145	060303	0	TDCT	B	CTD #76	09 btls	SIX	29-30.05S	32-29.91E	g	VANC08MV
0304	060303	0	TDCT	E	CTD #76	1720m	SIX	29-31.98S	32-29.01E	g	VANC08MV
0424	060303	0	TDCT	B	CTD #77	07 btls	SIX	29-33.49S	32-40.05E	g	VANC08MV
0557	060303	0	TDCT	E	CTD #77	1710m	SIX	29-34.33S	32-39.99E	g	VANC08MV
0705	060303	0	TDCT	B	CTD #78	10 btls	SIX	29-36.95S	32-47.93E	g	VANC08MV
0828	060303	0	TDCT	E	CTD #78	1830m	SIX	29-37.40S	32-47.68E	g	VANC08MV
0958	060303	0	TDCT	B	CTD #79	10 btls	SIX	29-42.03S	33-00.02E	g	VANC08MV
1117	060303	0	TDCT	E	CTD #79	1930m	SIX	29-42.37S	32-59.74E	g	VANC08MV
1256	060303	0	TDCT	B	CTD #80	09 btls	SIX	29-48.02S	33-15.99E	g	VANC08MV
1430	060303	0	TDCT	E	CTD #80	2375m	SIX	29-48.00S	33-16.00E	g	VANC08MV
1603	060303	0	TDCT	B	CTD #81	10 btls	SIX	29-53.96S	33-31.51E	g	VANC08MV
1755	060303	0	TDCT	E	CTD #81	2745m	SIX	29-53.97S	33-31.51E	g	VANC08MV
1938	060303	0	TDCT	B	CTD #82	10 btls	SIX	30-00.94S	33-48.02E	g	VANC08MV
2128	060303	0	TDCT	E	CTD #82	2710m	SIX	30-01.00S	33-48.00E	g	VANC08MV
2312	060303	0	TDCT	B	CTD #83	10 btls	SIX	30-07.28S	34-04.99E	g	VANC08MV
0059	070303	0	TDCT	E	CTD #83	2690m	SIX	30-07.26S	34-04.98E	g	VANC08MV
0306	070303	0	TDCT	B	CTD #84	08 btls	SIX	30-13.71S	34-21.01E	g	VANC08MV
0447	070303	0	TDCT	E	CTD #84	2075m	SIX	30-13.70S	34-21.00E	g	VANC08MV
0637	070303	0	TDCT	B	CTD #85	07 btls	SIX	30-19.95S	34-37.52E	g	VANC08MV
0819	070303	0	TDCT	E	CTD #85	2700m	SIX	30-20.00S	34-37.50E	g	VANC08MV
1003	070303	0	TDCT	B	CTD #86	0 btls	SIX	30-26.99S	34-54.03E	g	VANC08MV
1135	070303	0	TDCT	E	CTD #86	2465m	SIX	30-26.61S	34-54.65E	g	VANC08MV
1316	070303	0	TDCT	B	CTD #87	08 btls	SIX	30-33.00S	35-10.01E	g	VANC08MV
1428	070303	0	TDCT	E	CTD #87	1915m	SIX	30-32.87S	35-10.67E	g	VANC08MV
1633	070303	0	TDCT	B	CTD #88	06 btls	SIX	30-41.50S	35-32.03E	g	VANC08MV
1734	070303	0	TDCT	E	CTD #88	1630m	SIX	30-42.18S	35-32.51E	g	VANC08MV
0716	080303	0	TDCT	B	CTD #89	07 btls	SIX	27-59.95S	35-00.06E	g	VANC08MV
0830	080303	0	TDCT	E	CTD #89	1865m	SIX	28-00.00S	35-00.00E	g	VANC08MV

#GMT #TIME #-----	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	CTD #	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
1750	080303	0	TDCT	B	CTD #90	08 btls	SIX	28-30.03S	33-02.94E	g	VANC08MV
1907	080303	0	TDCT	E	CTD #90	1820m	SIX	28-29.82S	33-01.21E	g	VANC08MV
0238	090303	0	TDCT	B	CTD #91	07 btls	SIX	29-57.01S	32-39.12E	g	VANC08MV
0341	090303	0	TDCT	E	CTD #91	1615m	SIX	29-57.00S	32-39.00E	g	VANC08MV
1006	090303	0	TDCT	B	CTD #92	07 btls	SIX	30-29.99S	31-11.85E	g	VANC08MV
1123	090303	0	TDCT	E	CTD #92	1980m	SIX	30-29.68S	31-09.57E	g	VANC08MV
1516	090303	0	TDCT	B	CTD #93	08 btls	SIX	31-03.97S	30-24.21E	g	VANC08MV
1613	090303	0	TDCT	E	CTD #93	1410m	SIX	31-05.58S	30-22.82E	g	VANC08MV
1655	090303	0	TDCT	B	CTD #94	09 btls	SIX	31-05.44S	30-26.30E	g	VANC08MV
1808	090303	0	TDCT	E	CTD #94	1755m	SIX	31-07.25S	30-24.45E	g	VANC08MV
1858	090303	0	TDCT	B	CTD #95	09 btls	SIX	31-07.97S	30-29.93E	g	VANC08MV
2032	090303	0	TDCT	E	CTD #95	2265m	SIX	31-10.20S	30-28.06E	g	VANC08MV
2128	090303	0	TDCT	B	CTD #96	06 btls	SIX	31-12.12S	30-35.53E	g	VANC08MV
2325	090303	0	TDCT	E	CTD #96	2785m	SIX	31-13.68S	30-33.86E	g	VANC08MV
0024	100303	0	TDCT	B	CTD #97	06 btls	SIX	31-15.74S	30-40.79E	g	VANC08MV
0231	100303	0	TDCT	E	CTD #97	2760m	SIX	31-16.26S	30-38.90E	g	VANC08MV
1614	100303	0	TDCT	B	CTD #98	09 btls	SIX	31-42.07S	30-01.86E	g	VANC08MV
1742	100303	0	TDCT	E	CTD #98	2285m	SIX	31-43.92S	29-59.52E	g	VANC08MV
2355	100303	0	TDCT	B	CTD #99	06 btls	SIX	32-49.08S	28-52.93E	g	VANC08MV
0138	110303	0	TDCT	E	CTD #99	2245m	SIX	32-51.32S	28-50.39E	g	VANC08MV
0422	110303	0	TDCT	B	CTD #100	02 btls	SIX	32-55.09S	28-08.55E	g	VANC08MV
0440	110303	0	TDCT	E	CTD #100	55m	SIX	32-55.26S	28-07.14E	g	VANC08MV
0541	110303	0	TDCT	B	CTD #101	02 btls	SIX	32-59.79S	28-11.97E	g	VANC08MV
0554	110303	0	TDCT	E	CTD #101	85m	SIX	33-00.03S	28-11.68E	g	VANC08MV
0646	110303	0	TDCT	B	CTD #102	03 btls	SIX	33-03.47S	28-16.37E	g	VANC08MV
0704	110303	0	TDCT	E	CTD #102	270m	SIX	33-04.17S	28-15.57E	g	VANC08MV
0748	110303	0	TDCT	B	CTD #103	04 btls	SIX	33-04.65S	28-17.11E	g	VANC08MV
0817	110303	0	TDCT	E	CTD #103	490m	SIX	33-05.64S	28-15.72E	g	VANC08MV
0921	110303	0	TDCT	B	CTD #104	06 btls	SIX	33-06.36S	28-19.67E	g	VANC08MV
1012	110303	0	TDCT	E	CTD #104	1190m	SIX	33-07.96S	28-17.61E	g	VANC08MV
1129	110303	0	TDCT	B	CTD #105	09 btls	SIX	33-09.04S	28-22.39E	g	VANC08MV
1303	110303	0	TDCT	E	CTD #105	2280m	SIX	33-11.53S	28-19.13E	g	VANC08MV
1430	110303	0	TDCT	B	CTD #106	08 btls	SIX	33-09.73S	28-23.79E	g	VANC08MV
1612	110303	0	TDCT	E	CTD #106	2640m	SIX	33-12.36S	28-20.64E	g	VANC08MV
1737	110303	0	TDCT	B	CTD #107	09 btls	SIX	33-11.16S	28-25.26E	g	VANC08MV
1930	110303	0	TDCT	E	CTD #107	2440m	SIX	33-14.33S	28-22.09E	g	VANC08MV
2115	110303	0	TDCT	B	CTD #108	06 btls	SIX	33-15.09S	28-29.88E	g	VANC08MV
2311	110303	0	TDCT	E	CTD #108	2630m	SIX	33-17.82S	28-27.43E	g	VANC08MV
0621	130303	0	TDCT	B	CTD #109	07 btls	SIX	33-50.05S	27-36.94E	g	VANC08MV
0830	130303	0	TDCT	E	CTD #109	3020m	SIX	33-53.08S	27-33.64E	g	VANC08MV
0917	130303	0	TDCT	B	CTD #110	08 btls	SIX	33-53.09S	27-27.32E	g	VANC08MV
1049	130303	0	TDCT	E	CTD #110	1980m	SIX	33-55.23S	27-24.16E	g	VANC08MV
2159	130303	0	TDCT	B	CTD #111	06 btls	SIX	34-37.50S	25-42.31E	g	VANC08MV
0006	140303	0	TDCT	E	CTD #111	1970m	SIX	34-40.14S	25-39.90E	g	VANC08MV
0711	140303	0	TDCT	B	CTD #112	06 btls	SIX	35-14.28S	24-31.71E	g	VANC08MV
0909	140303	0	TDCT	E	CTD #112	2170m	SIX	35-16.90S	24-26.13E	g	VANC08MV

#	End Sample Index	VANC08MV
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