

*Report and Index of
Underway Marine Geophysical Data*

Vancouver Expedition

Leg 1

(VANC01MV)

R/V Melville

(Issued October 2002)

Ports:

San Diego, California (5 August 2002)

to

Puerto Caldera, Costa Rica (2 September 2002)

Chief Scientist: Emily Klienl

Duke University

ek4@duke.edu

Computer Tech - Dan Jacobson

Resident Tech - Ron Comer

Post-Cruise processing and report preparation by
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 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 Shipboard Technical Support Group, Scripps Institution of Oceanography, La Jolla, California 92093-0223.

GDC Cruise ID# 299

**Report and Index of Navigation
and Underway Geophysical Data**

Processed by the Shipboard Technical Support Group
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

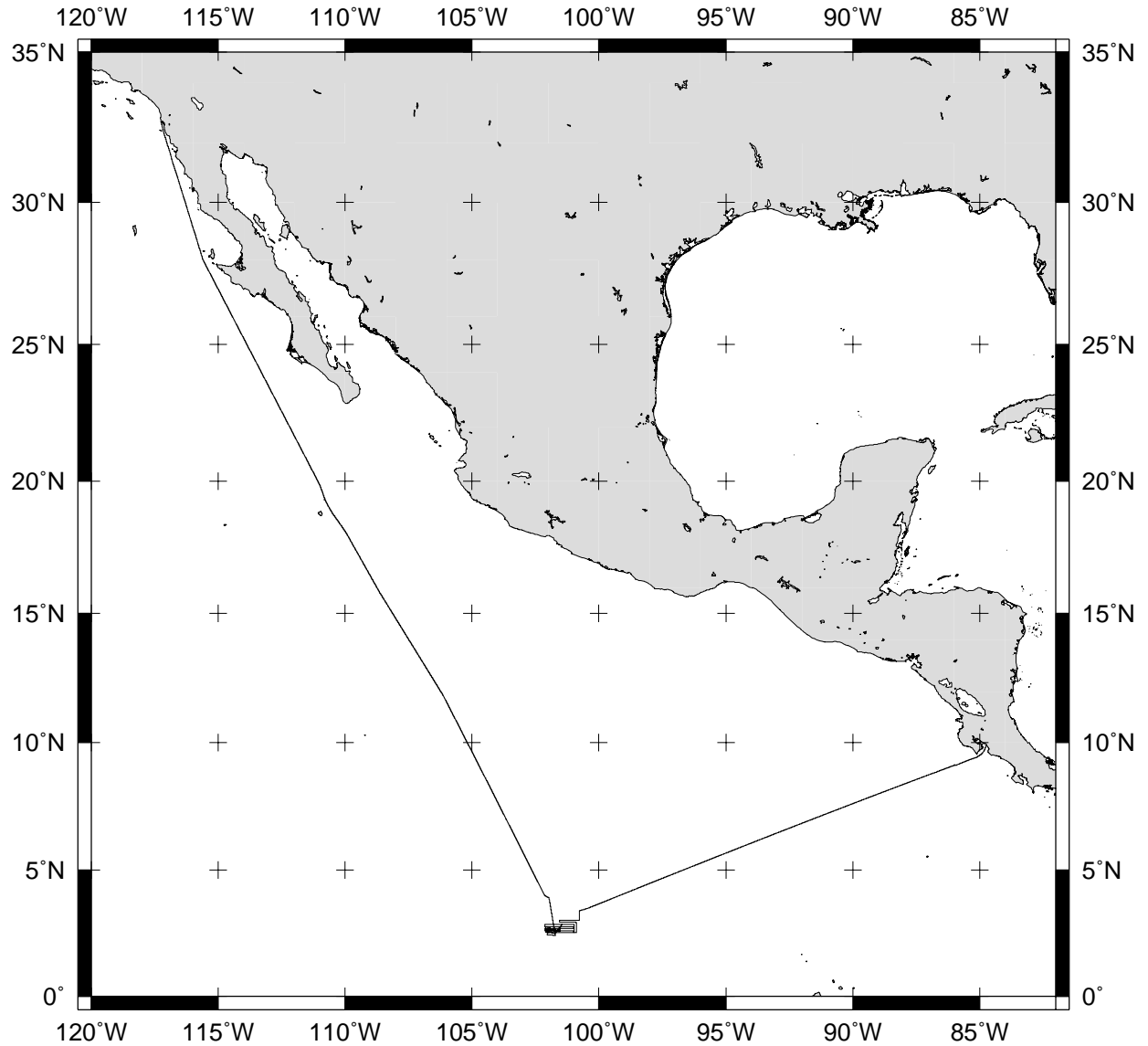
Profiles - depth, magnetic and gravity free air anomaly vs. distance. (Sections of track with seismic reflection data have a wide black line along the bottom of the profile.)

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:

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 6/2001



VANCOUVER EXPEDITION LEG 1 (VANC01MV)

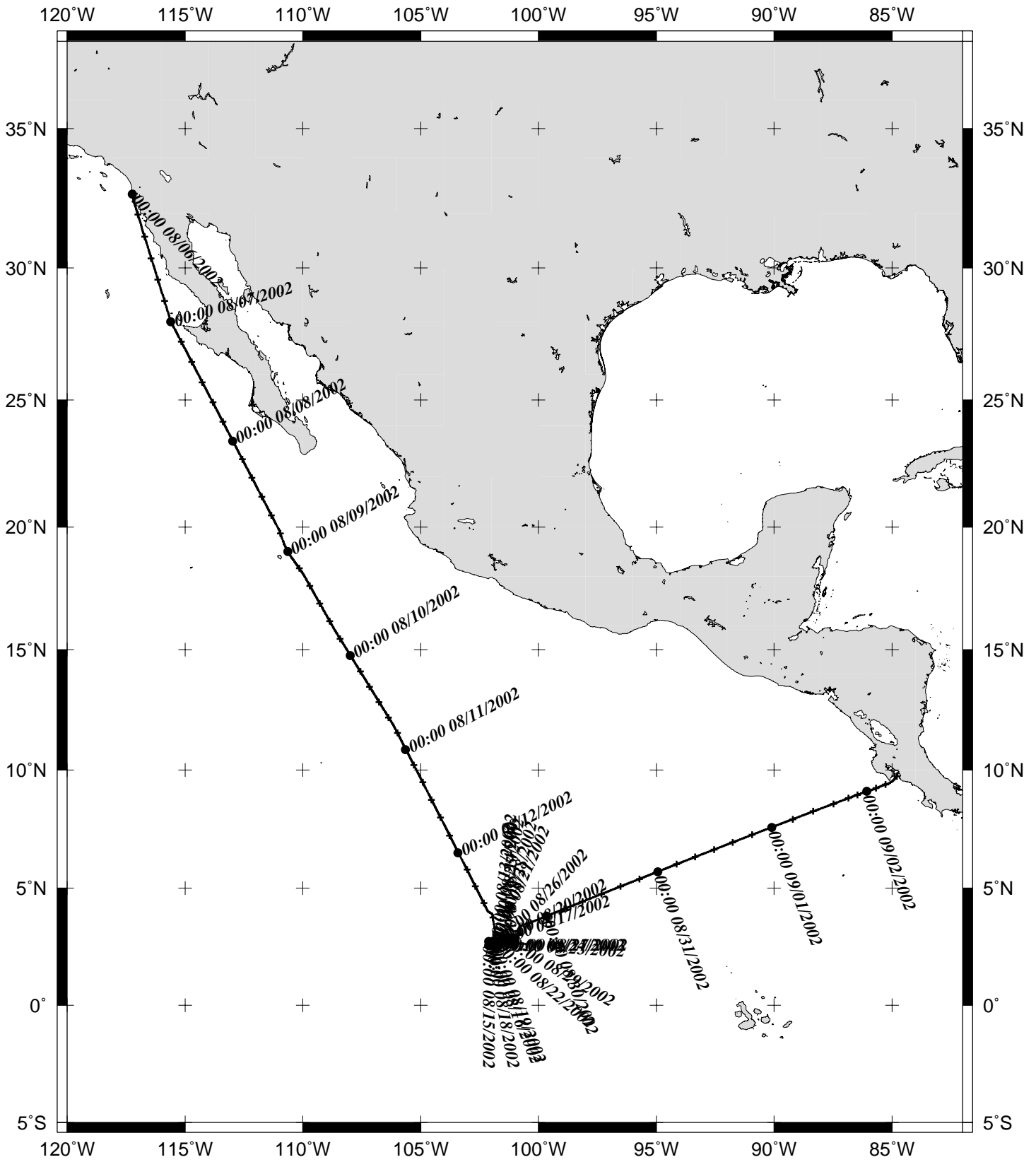
=====

CHIEF SCIENTIST: Emily Klein, Duke University
PORTS: San Diego, California - Puerto Caldera, Puerto Rico
DATES: 5 August - 2 September 2002
SHIP: R/V Melville

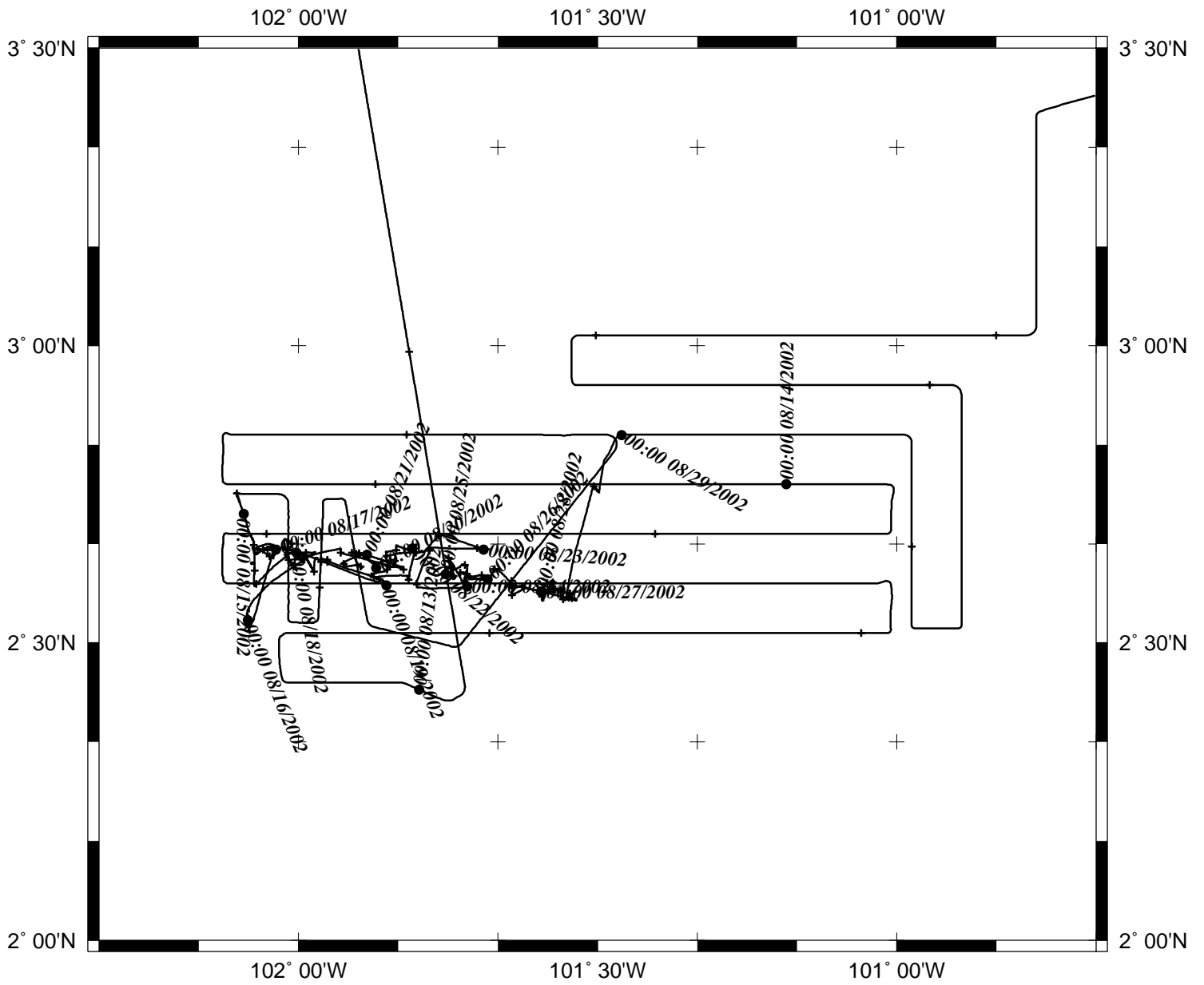
TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

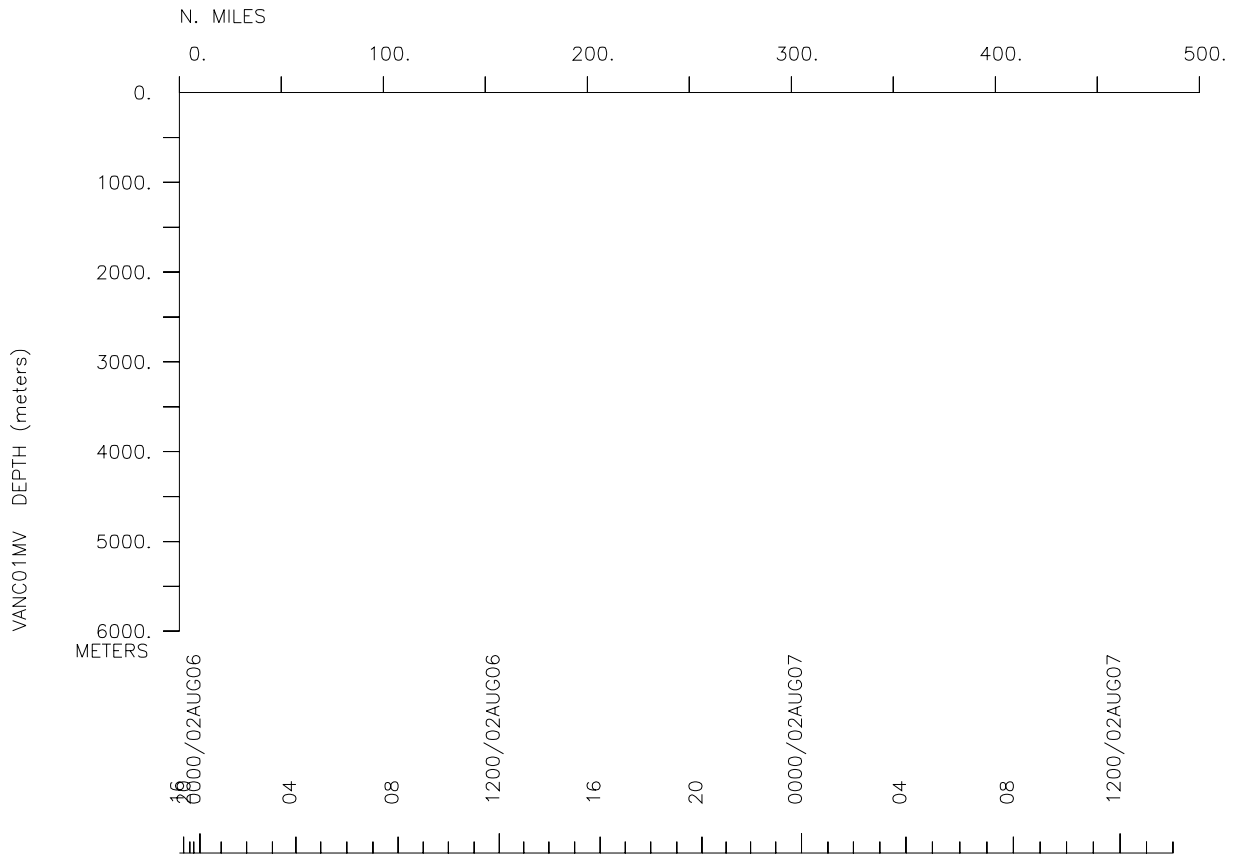
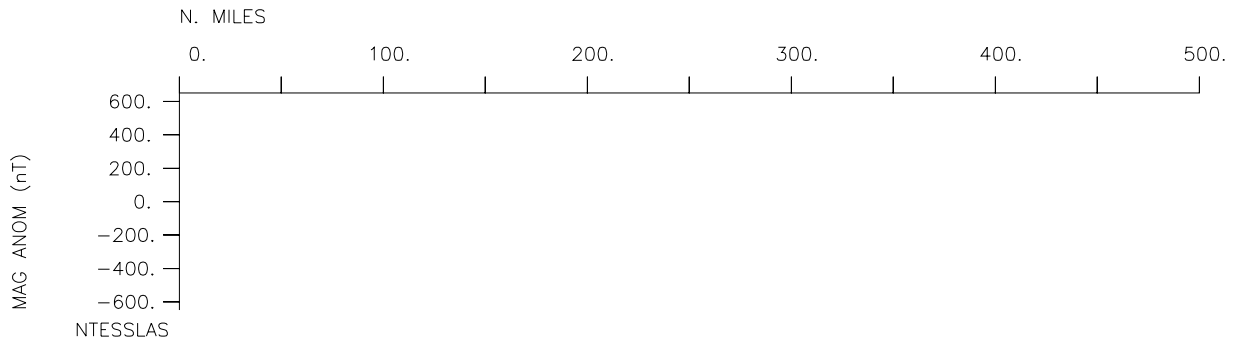
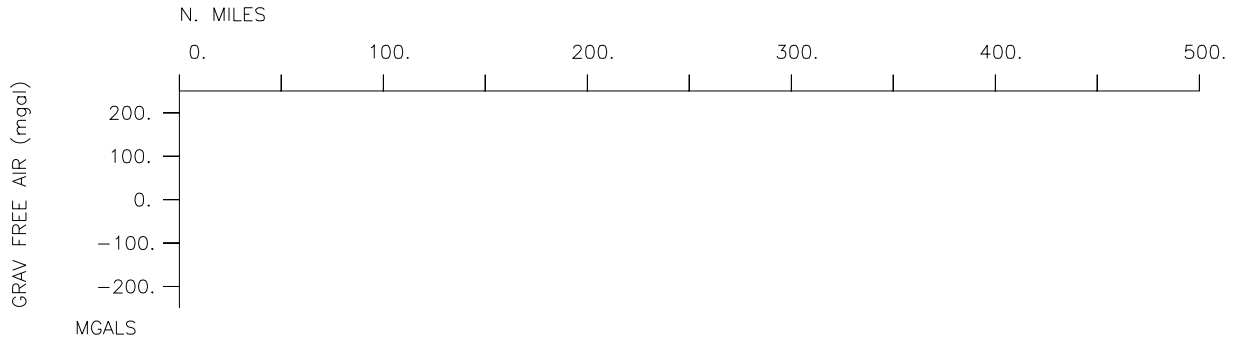
Cruise-3953 miles	Magnetics-1291 miles
Bathymetry-2253 miles	Seismic Reflection-none collected
Multibeam-2253 miles	Gravity-none collected

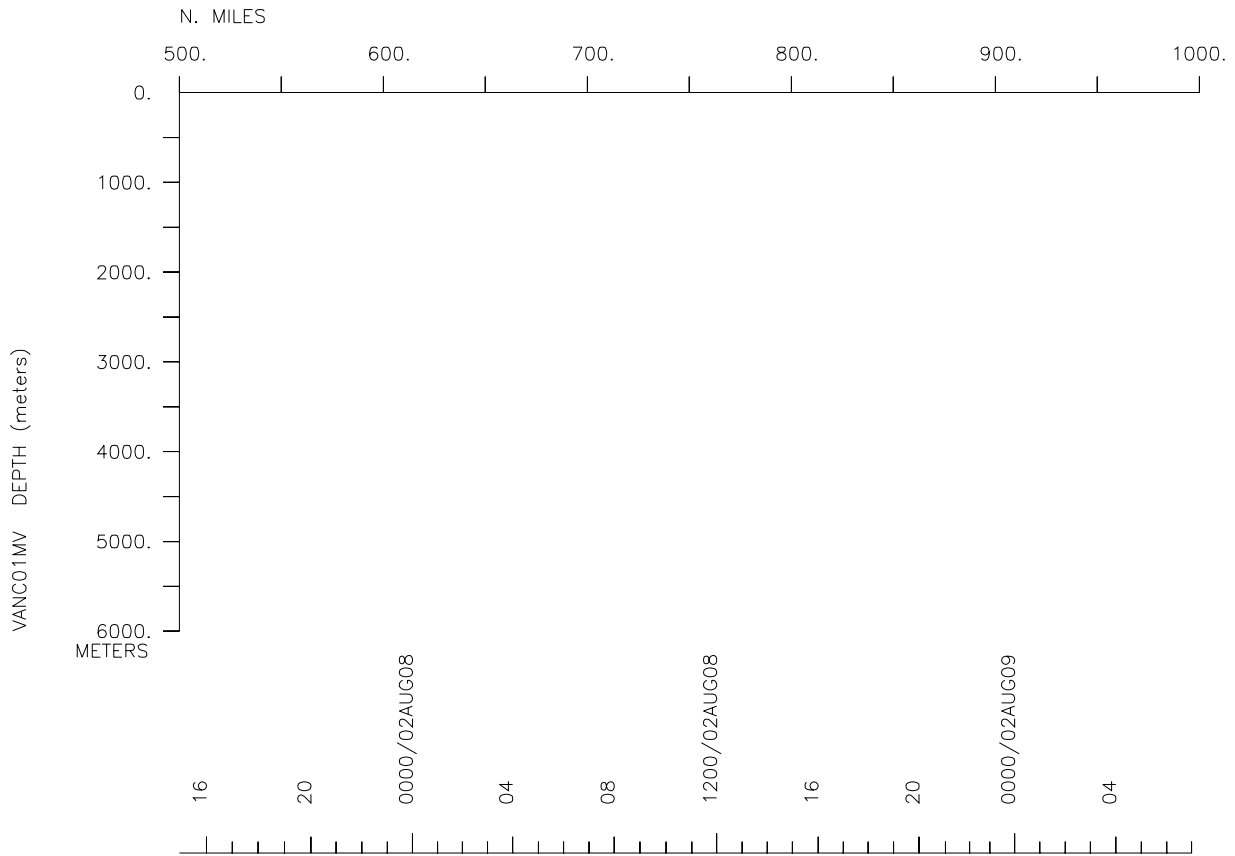
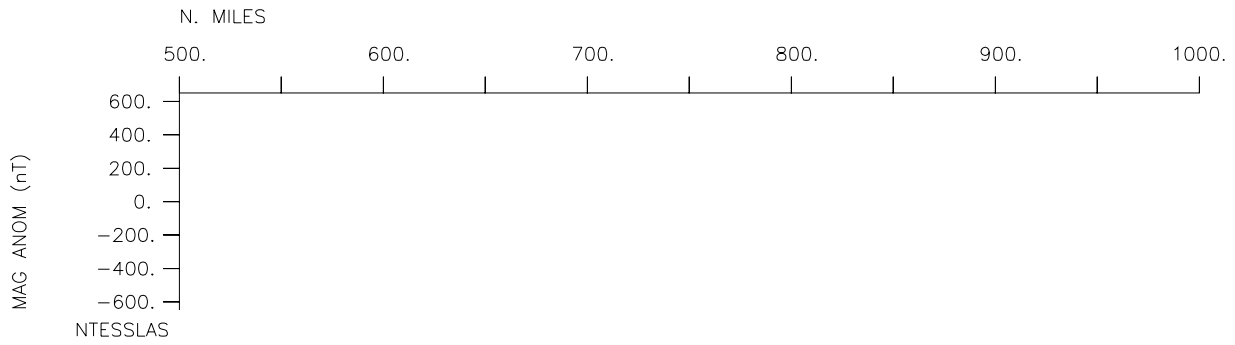
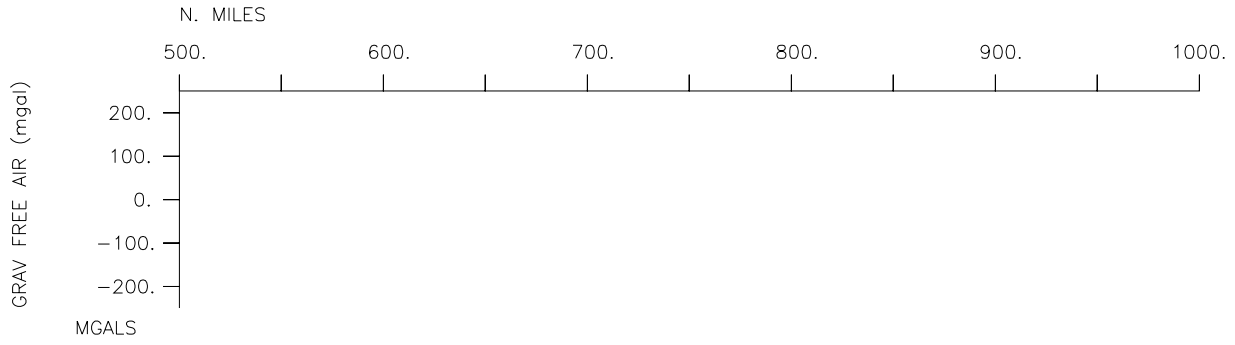
VANC01MV

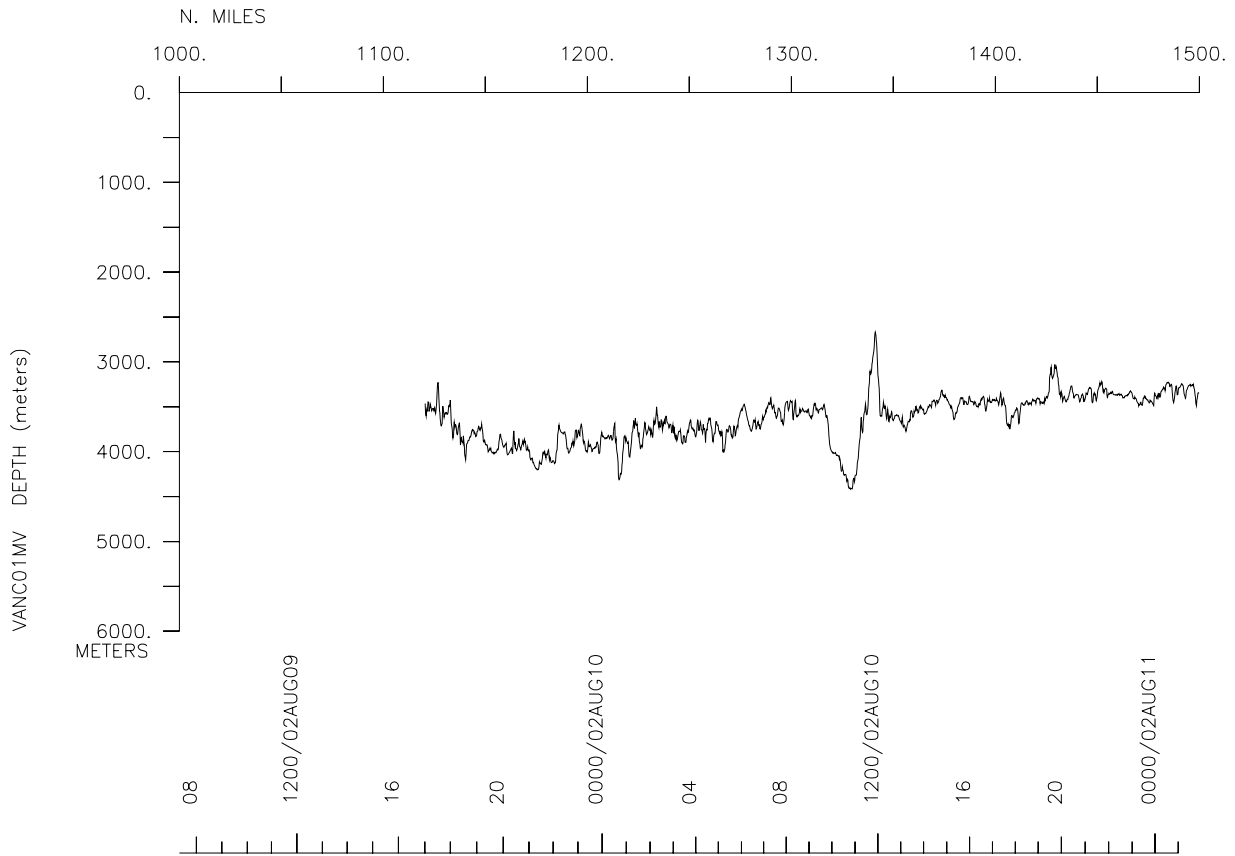
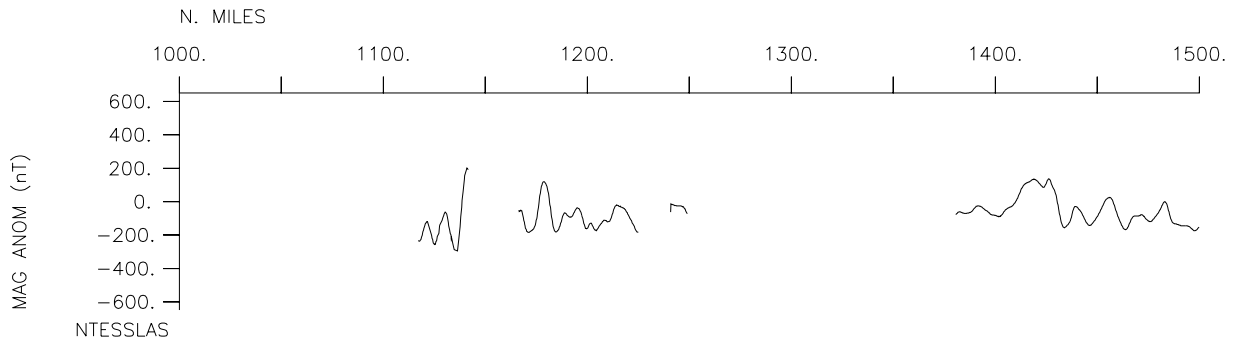
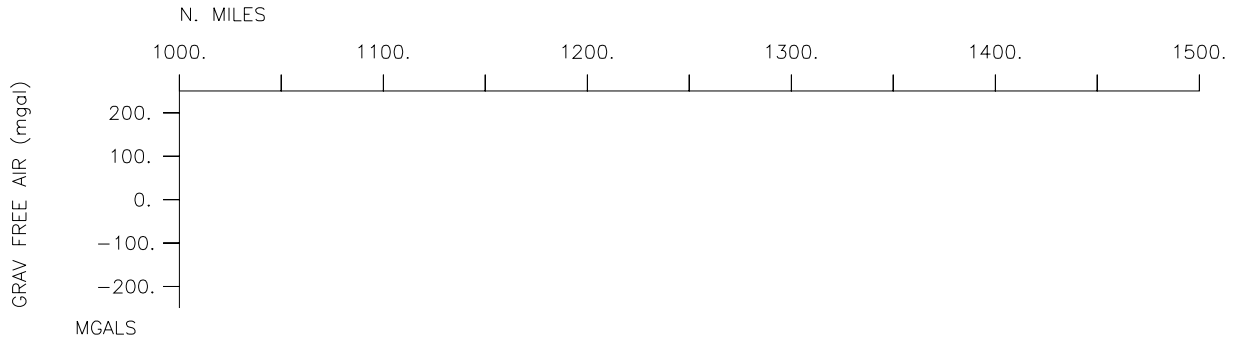


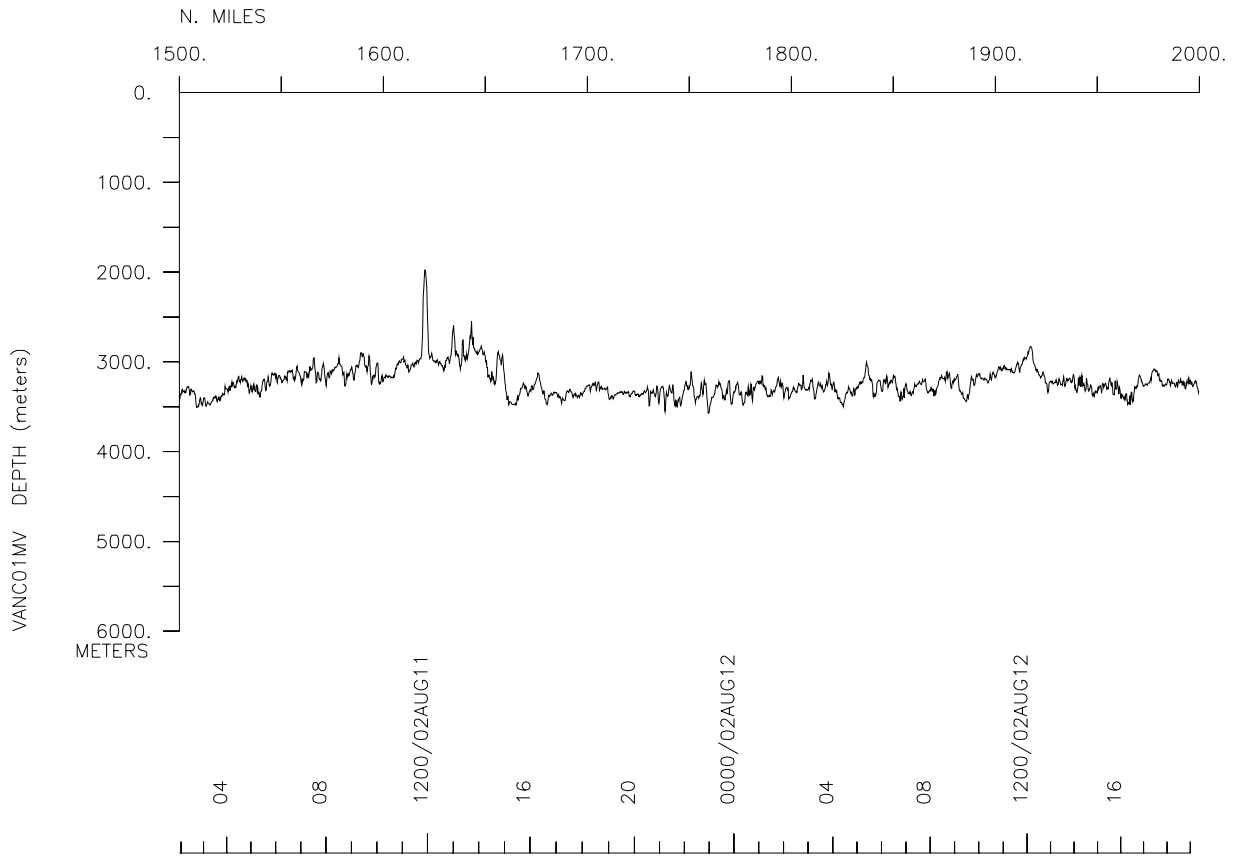
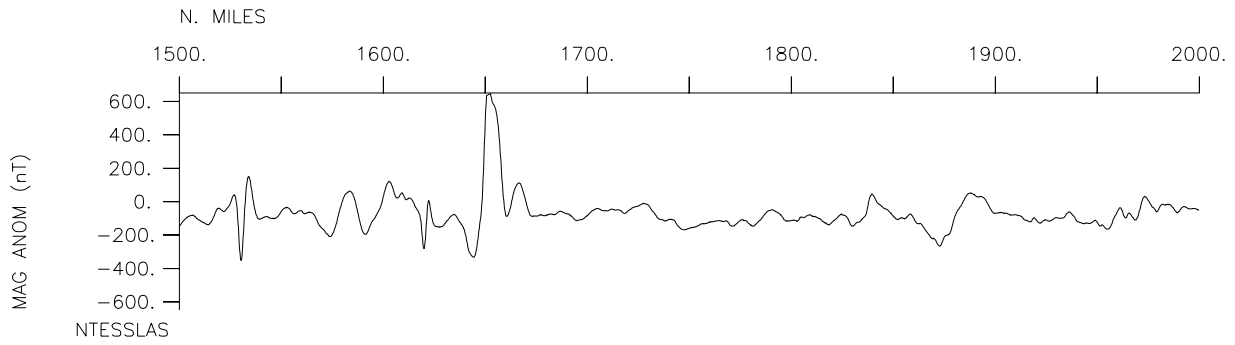
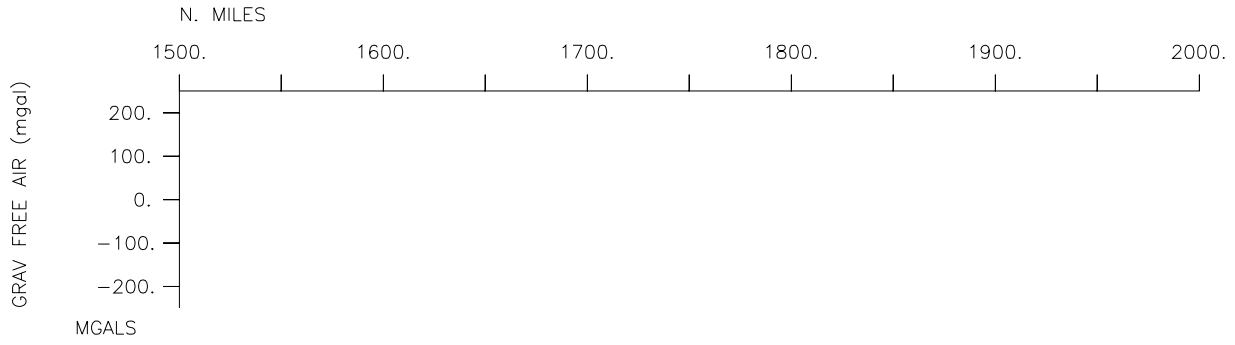
VANC01MV

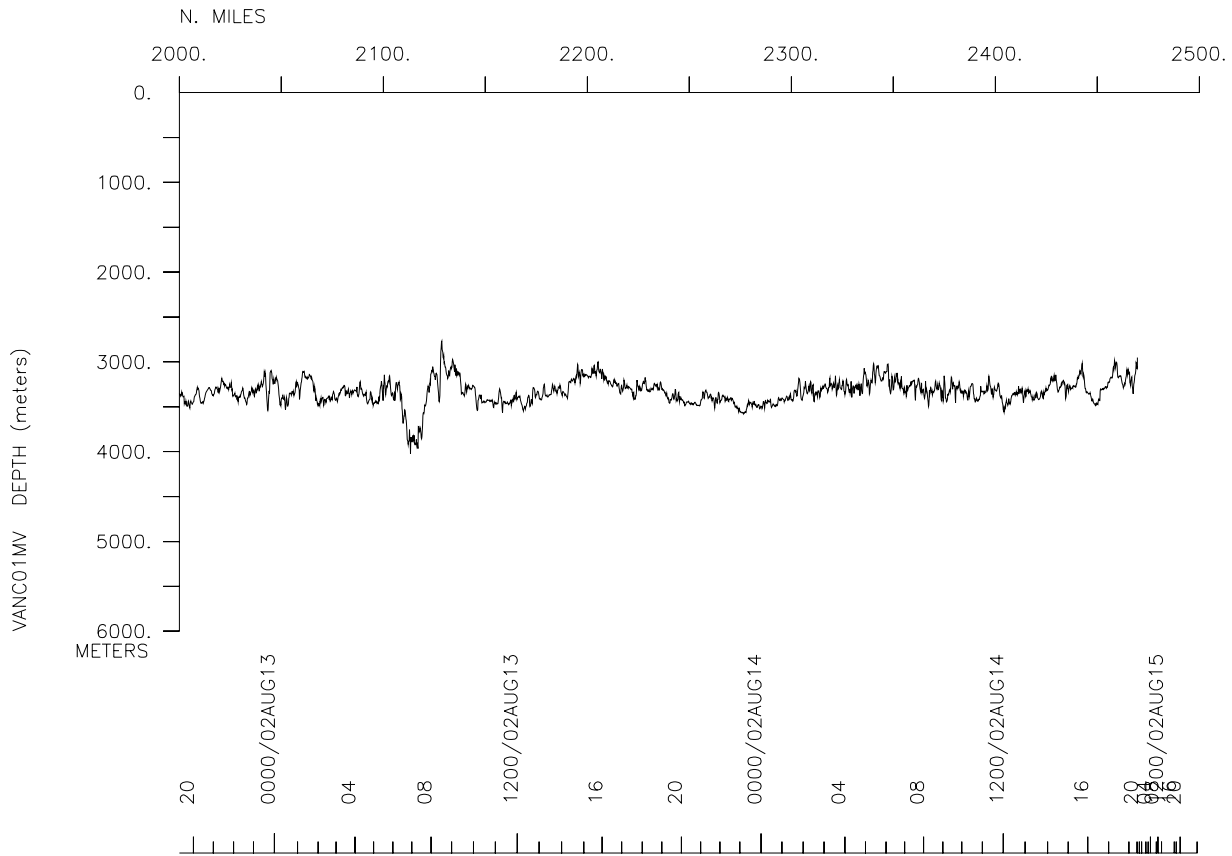
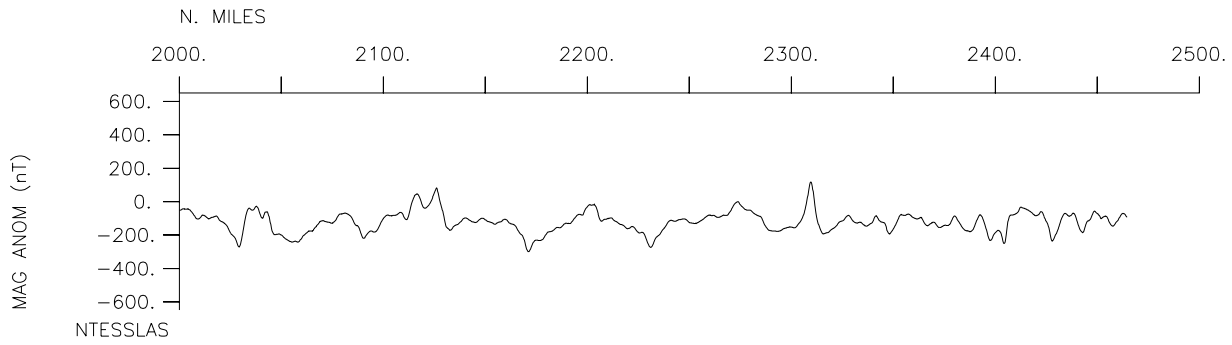
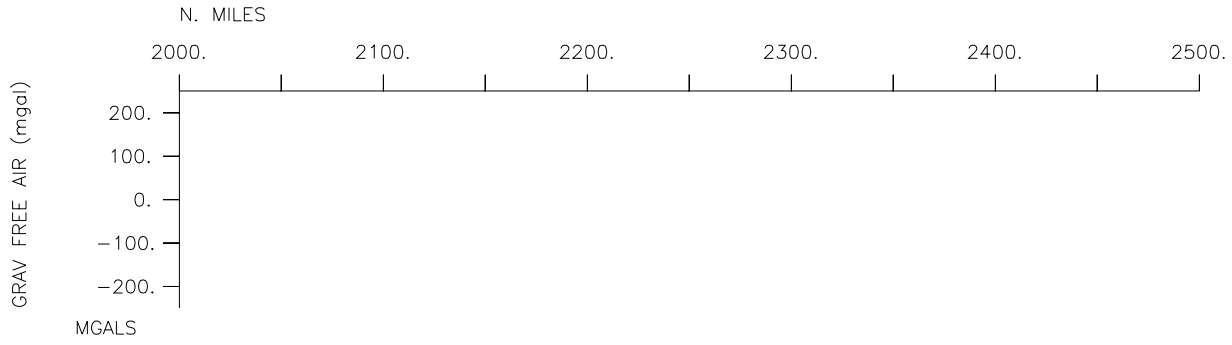


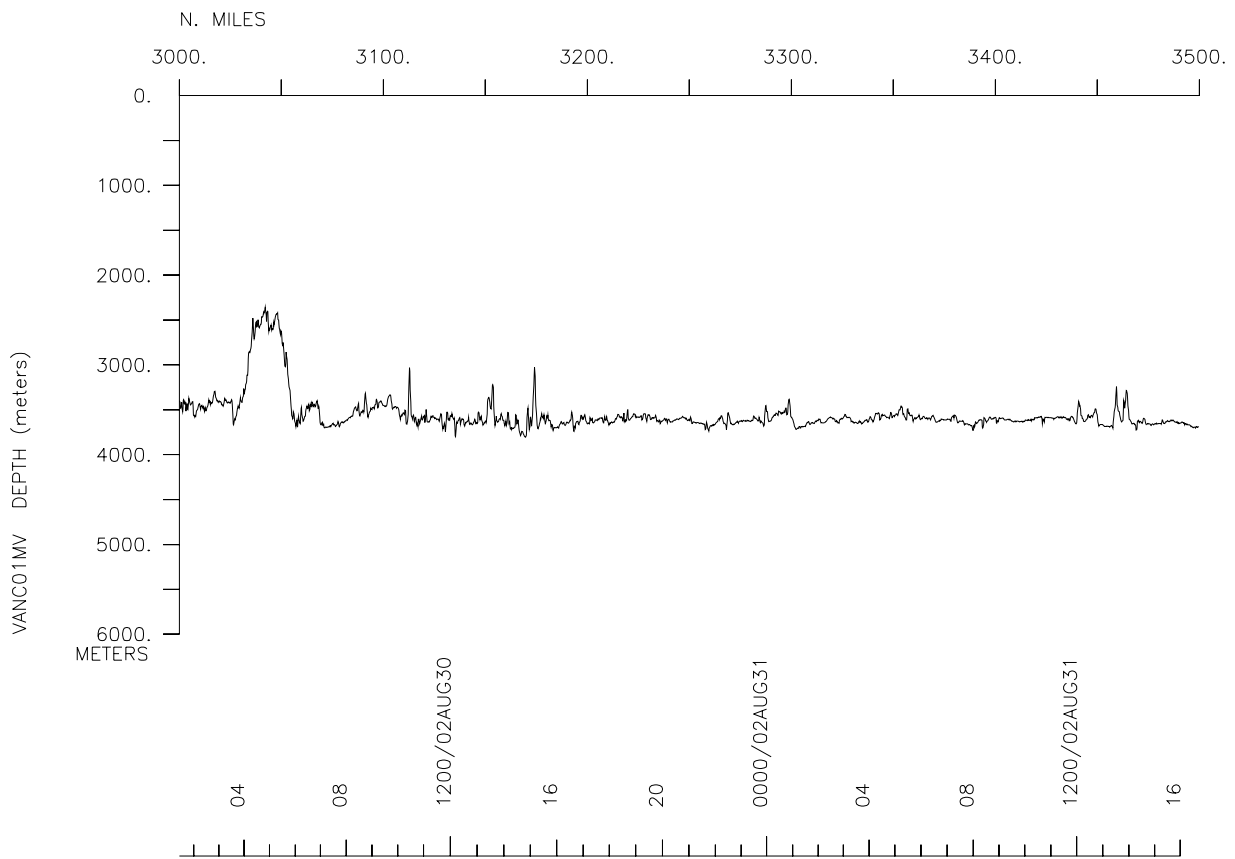
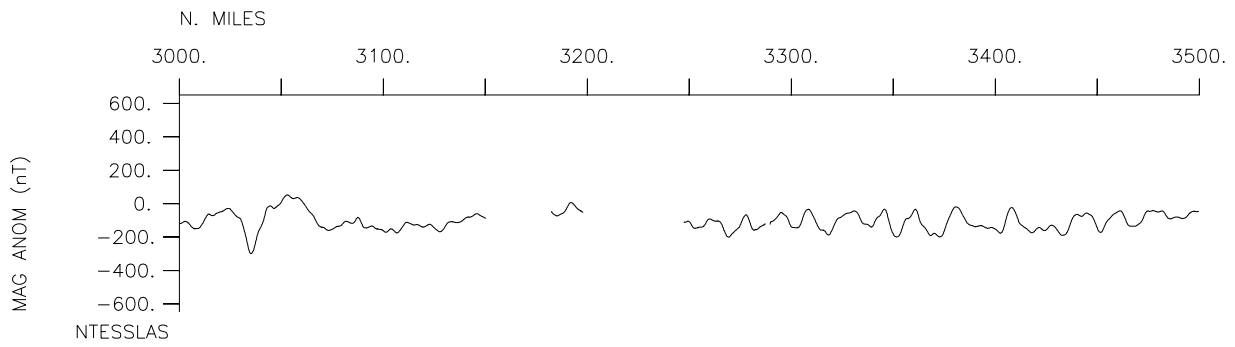
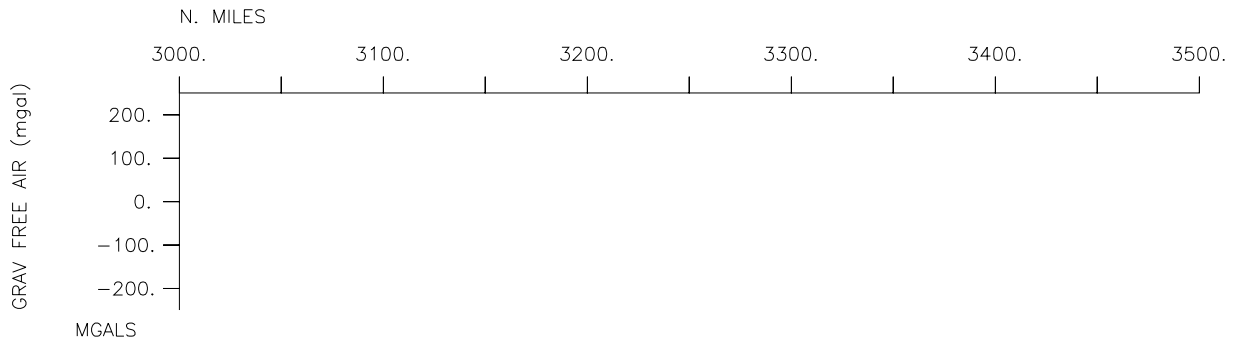


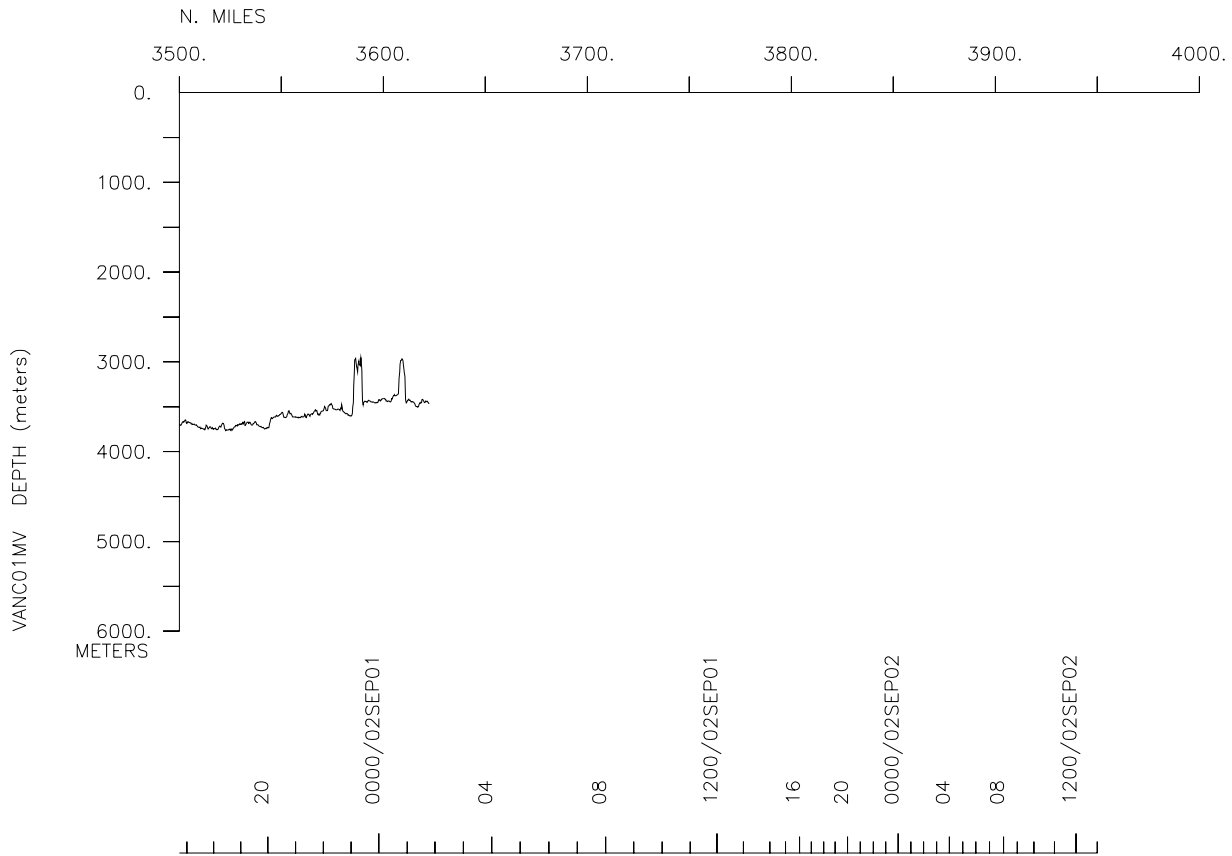
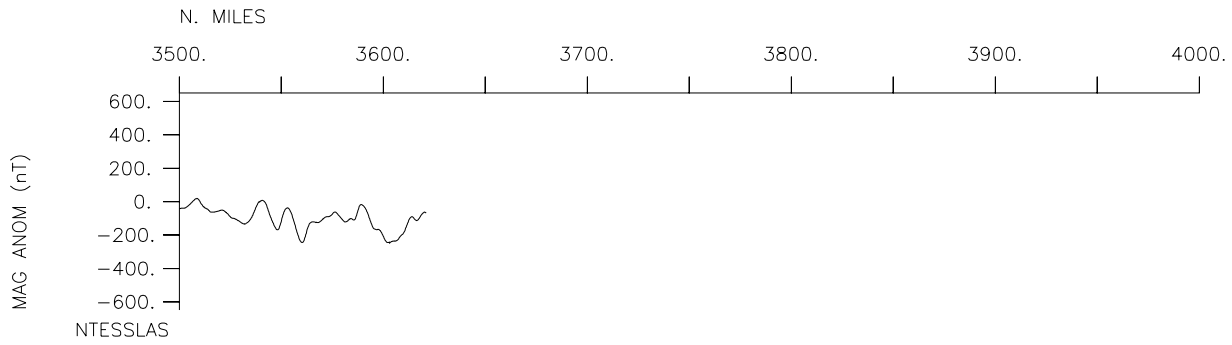
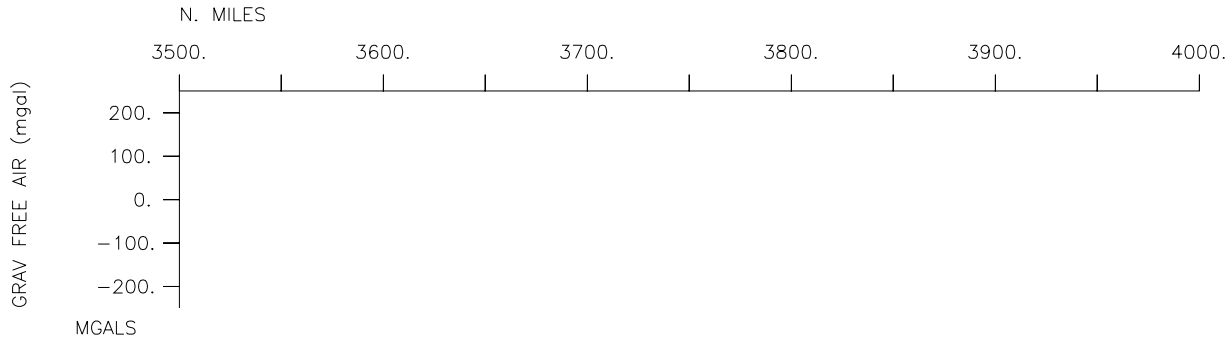












S.I.O. Sample Index

Vancouver Expedition

Leg 15

(Vanc01MV)

R/V Melville

(Issued October 2002)

PORTS:

San Diego, California (5 August 2002)

to

Puerto Caldera, Costa Rica (2 September 2002)

Chief Scientist : Emily Klein

Duke University

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. Shipboard Technical Support Group 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 Shipboard Technical Support Group.)

GDC Cruise ID# 299

*** Ports ***

2357 050802 LGPT B San Diego, California 32-40.00N 117-11.00W f VANC01MV
 1400 020902 LGPT E Puerto Caldera, CostaRica 09-53.00N 84-45.00W f VANC01MV

*** Personnel ***

#	*****NAME*****	*****TITLE*****	*****AFFILIATION****	**CRID**
PECS SIX	Klein, E.	Chief Scientist	Duke University	VANC01MV
PESP SIX	Rudnicki, M.	Researcher	Duke University	VANC01MV
PESP WHOI	Smith, D.	Scientist	Woods Hole	VANC01MV
PESP WHOI	Zhu, W.	Scientist	Woods Hole	VANC01MV
PESP WHOI	Kurras, G.	Technician	Woods Hole	VANC01MV
PEST WHOI	Gregg, P.	Grad student	Woods Hole	VANC01MV
PEST WHOI	Williams, C.	Grad student	Woods Hole	VANC01MV
PEST SIX	Hanna, H.	Grad student	Duke University	VANC01MV
PEST SIX	Pollock, M.	Grad student	Duke University	VANC01MV
PEST SIX	Williams, E.	Grad student	Duke University	VANC01MV
PEST SIX	Cheney, C.	Student	Duke University	VANC01MV
PEST SIX	Donnelly, C.	Student	Duke University	VANC01MV
PEST SIX	McGuire, J.	Student	Duke University	VANC01MV
PESP STS	Comer, R.	Resident Tech	Scripps Institution	VANC01MV
PESP STS	Jacobson, D.	Computer Tech	Scripps Institution	VANC01MV

*** NOTES ***

#An 'X' in the (B)egin/(E)nd column following the sample code indicates no
 #sample or data . 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 - Shipboard Technical Support Group ext.41899 ***
 *** Digital Data Curator - Geological Data Center, S.P. Miller, ext.41898 ***

*** Log Books ***

1626 090802 0 LBUW B Underway watch log STS 16-06.36N 108-48.79W g VANC01MV
 0202 010902 0 LBUW E Underway watch log STS 7-45.20N 89-38.46W g VANC01MV

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

1728 090802 0 MBSR B v.beam&sidescan r-01 STS 15-54.76N 108-42.07W g VANC01MV
 0006 010902 0 MBSR E v.beam&sidescan r-01 STS 7-35.63N 90-03.51W g VANC01MV

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

1626 090802 0 MGDD B digital magnetics GDC 16-06.36N 108-48.79W g VANC01MV
 0146 010902 0 MGDD E digital magnetics GDC 7-43.88N 89-41.93W g VANC01MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#-----	--	----	-	-----	----	-----	-----	-----	-	-----
*** Integrated Meteorological Acquisition System ***										
2357	050802	0	IMET	B weather measurements	GDC	32-42.18N	117-13.90W	g		VANC01MV
1400	020902	0	IMET	E weather measurements	GDC	9-53.80N	84-45.03W	g		VANC01MV
*** Acoustic Doppler Current Profiler ***										
2357	050802	0	ADCP	B current measurements	GDC	32-42.18N	117-13.90W	g		VANC01MV
1400	020902	0	ADCP	E current measurements	GDC	9-53.80N	84-45.03W	g		VANC01MV
*** Cameras ***										
1330	150802	0	CATB	B Camera tow #1	WHOI	2-39.12N	101-59.83W	g		VANC01MV
1941	150802	0	CATB	E Camera tow #1	WHOI	2-39.14N	101-58.35W	g		VANC01MV
1452	160802	0	CATB	B Camera tow #2	WHOI	2-39.40N	102-02.87W	g		VANC01MV
2135	160802	0	CATB	E Camera tow #2	WHOI	2-39.45N	102-04.51W	g		VANC01MV
1425	170802	0	CATB	X Camera tow #3	WHOI	2-38.70N	102-01.23W	g		VANC01MV
1842	170802	0	CATB	B Camera tow #4	WHOI	2-38.05N	102-00.75W	g		VANC01MV
2223	170802	0	CATB	E Camera tow #4	WHOI	2-37.36N	102-00.22W	g		VANC01MV
1704	180802	0	CATB	B Camera tow #5	WHOI	2-36.81N	101-52.83W	g		VANC01MV
2349	180802	0	CATB	E Camera Tow #5	WHOI	2-35.91N	101-50.84W	g		VANC01MV
1422	190802	0	CATB	X Camera tow #6	WHOI	2-37.73N	101-51.09W	g		VANC01MV
1744	200802	0	CATB	B Camera tow #7	WHOI	2-39.13N	101-54.75W	g		VANC01MV
2351	200802	0	CATB	E Camera tow #7	WHOI	2-39.04N	101-53.39W	g		VANC01MV
1726	210802	0	CATB	B Camera tow #8	WHOI	2-39.14N	101-48.38W	g		VANC01MV
0115	220802	0	CATB	E Camera tow #8	WHOI	2-39.40N	101-48.58W	g		VANC01MV
1530	220802	0	CATB	B Camera tow #9	WHOI	2-39.47N	101-41.07W	g		VANC01MV
2135	220802	0	CATB	E Camera tow #9	WHOI	2-39.60N	101-41.96W	g		VANC01MV
1511	230802	0	CATB	B Camera tow #10	WHOI	2-35.53N	101-42.78W	g		VANC01MV
2202	230802	0	CATB	E Camera tow #10	WHOI	2-36.28N	101-43.20W	g		VANC01MV
1446	240802	0	CATB	B Camera tow #11	WHOI	2-36.58N	101-44.40W	g		VANC01MV
2140	240802	0	CATB	E Camera Tow #11	WHOI	2-37.61N	101-44.82W	g		VANC01MV
1533	250802	0	CATB	B Camera tow #12	WHOI	2-37.10N	101-43.88W	g		VANC01MV
2238	250802	0	CATB	E Camera tow #12	WHOI	2-36.53N	101-42.95W	g		VANC01MV
1608	260802	0	CATB	B Camera tow #13	WHOI	2-34.79N	101-38.60W	g		VANC01MV
2204	260802	0	CATB	E Camera tow #13	WHOI	2-35.76N	101-38.25W	g		VANC01MV
1539	270802	0	CATB	B Camera tow #14	WHOI	2-35.14N	101-33.40W	g		VANC01MV
2317	270802	0	CATB	E Camera tow #14	WHOI	2-34.38N	101-32.24W	g		VANC01MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#-----	--	----	-	-----	----	-----	-----	-----	-	-----
*** Cores ***										
2359	140802	0	CORG	Glass Core #1	WHOI	2-43.05N	102-05.50W	g		VANC01MV
1059	150802	0	CORG	Glass core #2	WHOI	2-35.75N	102-04.35W	g		VANC01MV
0138	160802	0	CORG	Glass Core #3	WHOI	2-31.08N	102-04.85W	g		VANC01MV
1313	160802	0	CORG	Glass core #4	WHOI	2-39.74N	102-02.05W	g		VANC01MV
2331	170802	0	CORG	Glass Core #5	WHOI	2-39.17N	102-00.23W	g		VANC01MV
*** Dredges ***										
1833	140802	0	DRRO	B Dredge #1	WHOI	2-45.15N	102-06.32W	g		VANC01MV
2252	140802	0	DRRO	E Dredge #1	WHOI	2-44.08N	102-05.85W	g		VANC01MV
0245	150802	0	DRRO	E Dredge #2	WHOI	2-40.98N	102-04.89W	g		VANC01MV
0332	150802	0	DRRO	E Dredge #2	WHOI	2-40.28N	102-04.52W	g		VANC01MV
0558	150802	0	DRRO	B Dredge #3	WHOI	2-38.01N	102-04.42W	g		VANC01MV
0926	150802	0	DRRO	E Dredge #3	WHOI	2-37.22N	102-04.40W	g		VANC01MV
2104	150802	0	DRRO	B Dredge #4	WHOI	2-32.80N	102-05.11W	g		VANC01MV
0025	160802	0	DRRO	E Dredge #4	WHOI	2-32.35N	102-05.10W	g		VANC01MV
0415	160802	0	DRRO	B Dredge #6	WHOI	2-39.42N	102-02.56W	g		VANC01MV
0749	160802	0	DRRO	E Dredge #6	WHOI	2-38.58N	102-02.50W	g		VANC01MV
0834	160802	0	DRRO	B Dredge #5	WHOI	2-39.50N	102-04.55W	g		VANC01MV
1142	160802	0	DRRO	E Dredge #5	WHOI	2-38.97N	102-04.30W	g		VANC01MV
2223	160802	0	DRRO	B Dredge #7	WHOI	2-39.78N	102-02.40W	g		VANC01MV
0124	170802	0	DRRO	E Dredge #7	WHOI	2-39.26N	102-02.22W	g		VANC01MV
0156	170802	0	DRRO	B Dredge #8	WHOI	2-39.63N	102-01.48W	g		VANC01MV
0536	170802	0	DRRO	E Dredge #8	WHOI	2-39.32N	102-01.22W	g		VANC01MV
0614	170802	0	DRRO	B Dredge #9	WHOI	2-40.38N	102-01.14W	g		VANC01MV
0936	170802	0	DRRO	E Dredge #9	WHOI	2-39.94N	102-00.60W	g		VANC01MV
1014	170802	0	DRRO	B Dredge #10	WHOI	2-39.40N	102-00.81W	g		VANC01MV
1338	170802	0	DRRO	E Dredge #10	WHOI	2-39.18N	102-00.20W	g		VANC01MV
0040	180802	0	DRRO	B Dredge #11	WHOI	2-39.00N	101-59.50W	g		VANC01MV
0413	180802	0	DRRO	E Dredge #11	WHOI	2-37.10N	101-58.40W	g		VANC01MV

#GMT #TIME #-----	DDMMYY DATE -----	SAMP TZ	B CODE	SAMPLE E IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0515	180802	0	DRRO	B Dredge #12	WHOI	2-38.59N	101-58.20W	g	VANC01MV
0828	180802	0	DRRO	E Dredge #12	WHOI	2-38.19N	101-57.71W	g	VANC01MV
0856	180802	0	DRRO	B Dredge #13	WHOI	2-38.51N	101-57.69W	g	VANC01MV
1213	180802	0	DRRO	E Dredge #13	WHOI	2-38.37N	101-57.09W	g	VANC01MV
1245	180802	0	DRRO	B Dredge #14	WHOI	2-38.50N	101-57.10W	g	VANC01MV
1600	180802	0	DRRO	E Dredge #14	WHOI	2-38.17N	101-57.10W	g	VANC01MV
0237	190802	0	DRRO	B Dredge #15	WHOI	2-39.07N	102-00.17W	g	VANC01MV
0448	190802	0	DRRO	E Dredge #15	WHOI	2-38.11N	101-59.56W	g	VANC01MV
0513	190802	0	DRRO	B Dredge #16	WHOI	2-39.05N	101-59.59W	g	VANC01MV
0848	190802	0	DRRO	E Dredge #16	WHOI	2-38.80N	101-59.28W	g	VANC01MV
1103	190802	0	DRRO	B Dredge #17	WHOI	2-39.42N	101-55.75W	g	VANC01MV
1314	190802	0	DRRO	E Dredge #17	WHOI	2-39.08N	101-55.75W	g	VANC01MV
2201	190802	0	DRRO	B Dredge #18	WHOI	2-37.97N	101-52.39W	g	VANC01MV
0141	200802	0	DRRO	E Dredge #18	WHOI	2-37.59N	101-52.18W	g	VANC01MV
0235	200802	0	DRRO	B Dredge #19	WHOI	2-39.16N	101-54.00W	g	VANC01MV
0603	200802	0	DRRO	E Dredge #19	WHOI	2-38.91N	101-53.79W	g	VANC01MV
0635	200802	0	DRRO	B Dredge #20	WHOI	2-38.01N	101-55.56W	g	VANC01MV
0957	200802	0	DRRO	E Dredge #20	WHOI	2-37.75N	101-55.29W	g	VANC01MV
1032	200802	0	DRRO	B Dredge #21	WHOI	2-37.85N	101-53.82W	g	VANC01MV
1355	200802	0	DRRO	E Dredge #21	WHOI	2-37.52N	101-53.63W	g	VANC01MV
0051	210802	0	DRRO	B Dredge #22	WHOI	2-37.69N	101-49.71W	g	VANC01MV
0414	210802	0	DRRO	E Dredge #22	WHOI	2-37.38N	101-49.46W	g	VANC01MV
0448	210802	0	DRRO	B Dredge #23	WHOI	2-37.82N	101-51.09W	g	VANC01MV
0822	210802	0	DRRO	E Dredge #23	WHOI	2-37.40N	101-51.09W	g	VANC01MV
0851	210802	0	DRRO	B Dredge #24	WHOI	2-37.01N	101-52.66W	g	VANC01MV
1220	210802	0	DRRO	E Dredge #24	WHOI	2-36.63N	101-52.44W	g	VANC01MV
1316	210802	0	DRRO	B Dredge #25	WHOI	2-36.71N	101-48.95W	g	VANC01MV
1639	210802	0	DRRO	E Dredge #25 No sample	WHOI	2-36.37N	101-48.95W	g	VANC01MV
0133	220802	0	DRRO	B Dredge #26	WHOI	2-39.48N	101-48.25W	g	VANC01MV
0512	220802	0	DRRO	E Dredge #26	WHOI	2-39.12N	101-48.25W	g	VANC01MV
0553	220802	0	DRRO	B Dredge #27	WHOI	2-39.78N	101-50.20W	g	VANC01MV
0926	220802	0	DRRO	E Dredge #27	WHOI	2-39.38N	101-50.21W	g	VANC01MV
0959	220802	0	DRRO	B Dredge #28	WHOI	2-39.16N	101-51.18W	g	VANC01MV
1332	220802	0	DRRO	E Dredge #28	WHOI	2-38.78N	101-51.18W	g	VANC01MV

#GMT #TIME #-----	DDMMYY DATE -----	SAMP TZ --	B CODE	SAMPLE E IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
2203	220802	0	DRRO	B Dredge #29	WHOI	2-39.70N	101-41.41W	g	VANC01MV
0118	230802	0	DRRO	E Dredge #29	WHOI	2-39.56N	101-41.48W	g	VANC01MV
0214	230802	0	DRRO	B Dredge #30	WHOI	2-41.06N	101-45.98W	g	VANC01MV
0538	230802	0	DRRO	E Dredge #30	WHOI	2-40.72N	101-45.98W	g	VANC01MV
0609	230802	0	DRRO	B Dredge #31	WHOI	2-39.60N	101-46.88W	g	VANC01MV
0944	230802	0	DRRO	E Dredge #31	WHOI	2-39.19N	101-46.88W	g	VANC01MV
1028	230802	0	DRRO	B Dredge #32	WHOI	2-36.05N	101-48.13W	g	VANC01MV
1407	230802	0	DRRO	E Dredge #32	WHOI	2-35.64N	101-48.12W	g	VANC01MV
2220	230802	0	DRRO	B Dredge #33	WHOI	2-35.91N	101-43.09W	g	VANC01MV
0150	240802	0	DRRO	E Dredge #33	WHOI	2-35.55N	101-43.05W	g	VANC01MV
0238	240802	0	DRRO	B Dredge #34	WHOI	2-38.60N	101-44.95W	g	VANC01MV
0614	240802	0	DRRO	E Dredge #34	WHOI	2-38.22N	101-44.95W	g	VANC01MV
0630	240802	0	DRRO	B Dredge #35	WHOI	2-37.82N	101-44.79W	g	VANC01MV
1009	240802	0	DRRO	E Dredge #35	WHOI	2-37.49N	101-44.52W	g	VANC01MV
1032	240802	0	DRRO	B Dredge #36	WHOI	2-36.88N	101-44.62W	g	VANC01MV
1421	240802	0	DRRO	E Dredge #36	WHOI	2-36.49N	101-44.30W	g	VANC01MV
2200	240802	0	DRRO	B Dredge #37	WHOI	2-36.98N	101-45.59W	g	VANC01MV
0123	250802	0	DRRO	E Dredge #37	WHOI	2-36.91N	101-45.13W	g	VANC01MV
0230	250802	0	DRRO	B Dredge #38	WHOI	2-37.89N	101-43.45W	g	VANC01MV
0600	250802	0	DRRO	E Dredge #38	WHOI	2-37.83N	101-43.09W	g	VANC01MV
0617	250802	0	DRRO	B Dredge #39	WHOI	2-37.20N	101-43.09W	g	VANC01MV
1009	250802	0	DRRO	E Dredge #39	WHOI	2-36.69N	101-43.09W	g	VANC01MV
1046	250802	0	DRRO	B Dredge #40	WHOI	2-36.84N	101-41.61W	g	VANC01MV
1437	250802	0	DRRO	E Dredge #40	WHOI	2-36.38N	101-41.60W	g	VANC01MV
2316	250802	0	DRRO	B Dredge #41	WHOI	2-36.49N	101-41.02W	g	VANC01MV
0233	260802	0	DRRO	E Dredge #41	WHOI	2-36.07N	101-41.03W	g	VANC01MV
0310	260802	0	DRRO	B Dredge #42	WHOI	2-37.46N	101-40.35W	g	VANC01MV
0654	260802	0	DRRO	E Dredge #42	WHOI	2-37.38N	101-39.92W	g	VANC01MV
0722	260802	0	DRRO	B Dredge #43	WHOI	2-35.98N	101-38.66W	g	VANC01MV
1110	260802	0	DRRO	E Dredge #43	WHOI	2-35.64N	101-38.39W	g	VANC01MV
1138	260802	0	DRRO	B Dredge #44B	WHOI	2-35.71N	101-37.57W	g	VANC01MV
1532	260802	0	DRRO	E Dredge #44B	WHOI	2-35.55N	101-37.16W	g	VANC01MV

#GMT #TIME #-----	DDMMYY DATE -----	SAMP TZ	B CODE	SAMPLE E IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
2247	260802	0	DRRO	B Dredge #45	WHOI	2-35.21N	101-35.58W	g	VANC01MV
0228	270802	0	DRRO	E Dredge #45	WHOI	2-35.07N	101-35.22W	g	VANC01MV
0255	270802	0	DRRO	B Dredge #46	WHOI	2-34.65N	101-35.58W	g	VANC01MV
0633	270802	0	DRRO	E Dredge #46	WHOI	2-34.30N	101-35.58W	g	VANC01MV
0707	270802	0	DRRO	B Dredge #47	WHOI	2-36.11N	101-34.51W	g	VANC01MV
1109	270802	0	DRRO	E Dredge #47	WHOI	2-35.51N	101-34.50W	g	VANC01MV
1147	270802	0	DRRO	B Dredge #48	WHOI	2-35.40N	101-34.23W	g	VANC01MV
1530	270802	0	DRRO	E Dredge #48	WHOI	2-35.27N	101-33.85W	g	VANC01MV
0017	280802	0	DRRO	B Dredge #49	WHOI	2-35.28N	101-35.83W	g	VANC01MV
0356	280802	0	DRRO	E Dredge #49	WHOI	2-35.11N	101-35.33W	g	VANC01MV
0427	280802	0	DRRO	B Dredge #50	WHOI	2-35.49N	101-34.44W	g	VANC01MV
0837	280802	0	DRRO	E Dredge #50	WHOI	2-35.22N	101-33.71W	g	VANC01MV
0905	280802	0	DRRO	B Dredge #51	WHOI	2-34.58N	101-33.60W	g	VANC01MV
1302	280802	0	DRRO	E Dredge #51	WHOI	2-34.58N	101-32.91W	g	VANC01MV
1324	280802	0	DRRO	B Dredge #52	WHOI	2-34.40N	101-32.49W	g	VANC01MV
1738	280802	0	DRRO	E Dredge #52	WHOI	2-34.40N	101-33.44W	g	VANC01MV
1914	280802	0	DRRO	B Dredge #53	WHOI	2-45.81N	101-30.41W	g	VANC01MV
2311	280802	0	DRRO	E Dredge #53	WHOI	2-45.37N	101-30.03W	g	VANC01MV

*** Expendable Bathythermographs ***

2009	080802	0	BTXP	MK21 # 21	Fast_Deep	GDC	19-42.22N	110-56.18W	g	VANC01MV
2355	090802	0	BTXP	MK21 # 22	Fast_Deep	GDC	14-46.45N	107-58.89W	g	VANC01MV
2046	100802	0	BTXP	MK21 # 23	Fast_Deep	GDC	11-24.93N	105-54.88W	g	VANC01MV
2146	110802	0	BTXP	MK21 # 24	Fast_Deep	GDC	6-54.23N	103-36.12W	g	VANC01MV
2036	120802	0	BTXP	MK21 # 26	Fast_Deep	GDC	2-53.58N	101-47.94W	g	VANC01MV
2202	130802	0	BTXP	MK21 # 28	Fast_Deep	GDC	2-41.00N	101-04.97W	g	VANC01MV
0312	290802	0	BTXP	MK21 # 30	Fast_Deep	GDC	2-48.13N	100-58.50W	g	VANC01MV
2305	300802	0	BTXP	MK21 # 33	Fast_Deep	GDC	5-37.73N	95-06.03W	g	VANC01MV
#					End Sample Index					VANC01MV