

*Report and Index of
Underway Marine Geophysical Data*

Centennial

Leg 03

(CNTL03RR)

R/V Roger Revelle

(Issued Jul 2004)

Ports:

San Diego, CA (07-Jan-03)
to
San Diego, CA (12-Jan-03)

Chief Scientist: Ken Macdonald
University of California, Santa Barbara
kenm@ucsb.edu

Computer Tech - Steve Foley
Resident Tech - Tammy Baiz

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 reproduced or distributed outside Scripps without prior approval of the chief scientist or Shipboard Technical Support, Scripps Institution of Oceanography, La Jolla, California 92093-0223*

STS Cruise ID#300

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.

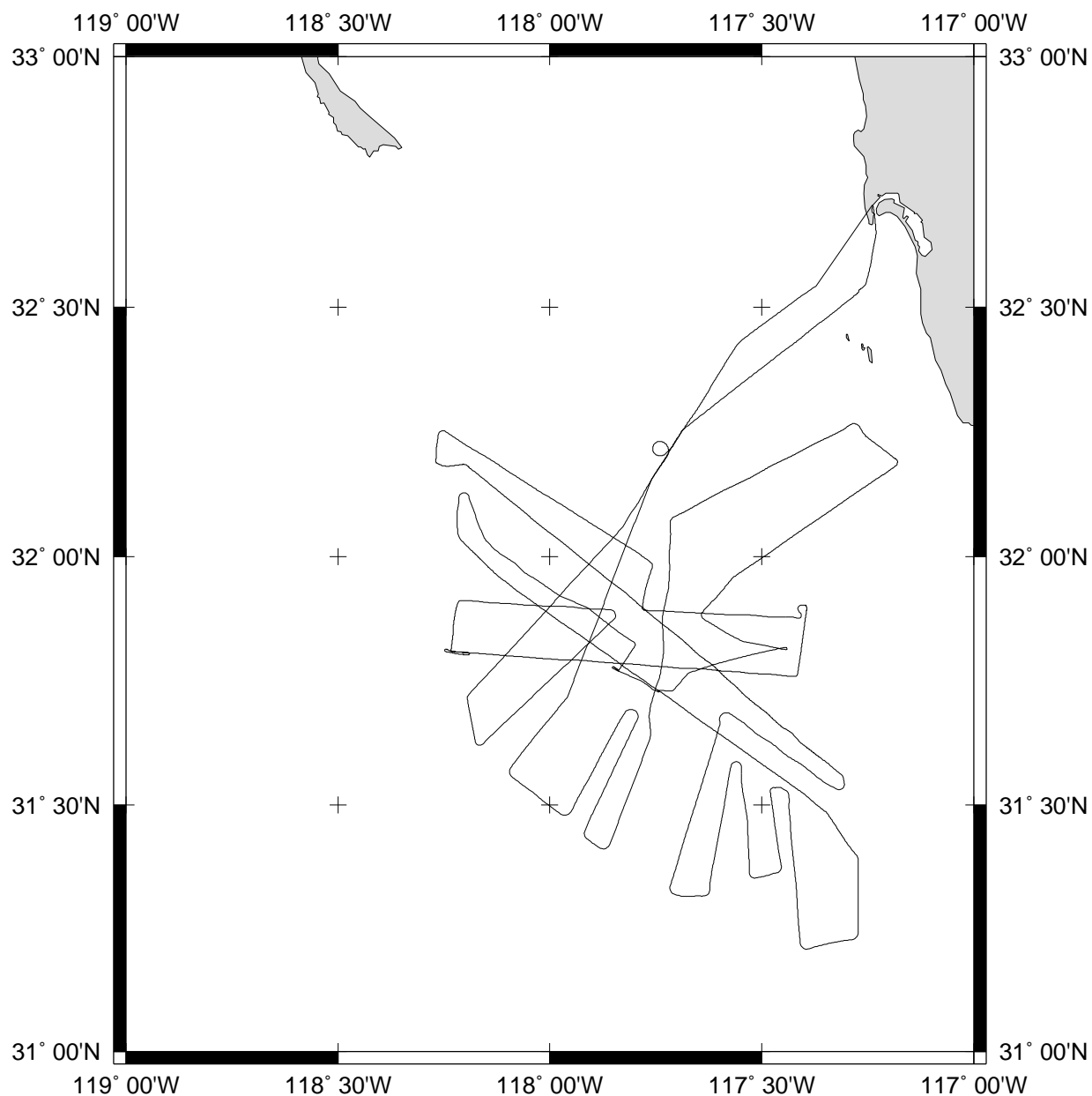
Sample Index - list of begin/end times and positions of all underway records as well as samples and measurements from other disciplines collected on the leg.

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



CENTENNIAL EXPEDITION LEG 3 (CNTL03RR)

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CHIEF SCIENTIST: Ken Macdonald, Univ. of Cal. Santa Barbara

PORTS: San Diego - San Diego, California

DATES: 07 - 12 January 2003

SHIP: R/V Revelle

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise- 817 miles

Magnetics- 771 miles

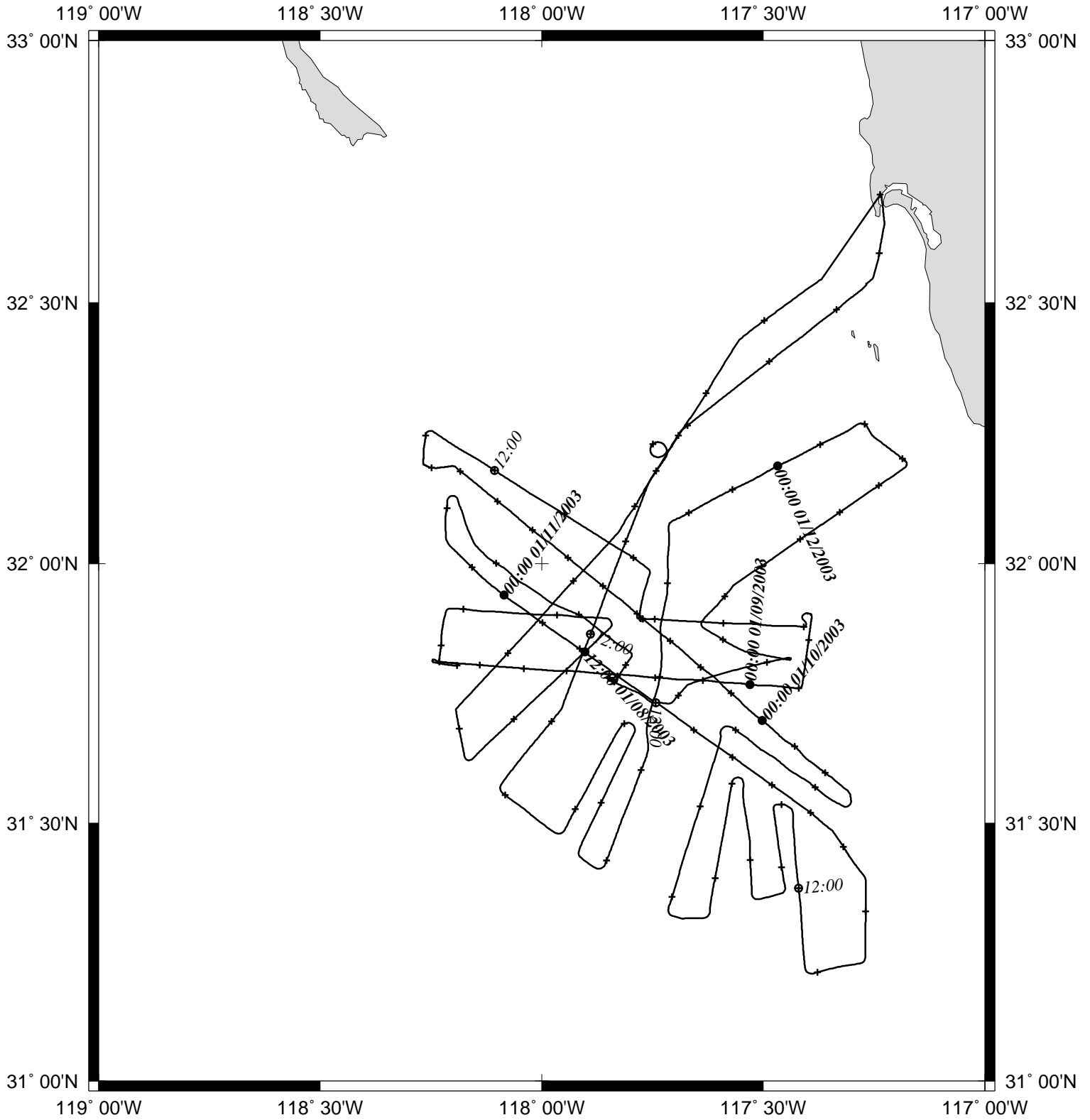
Bathymetry- 799 miles

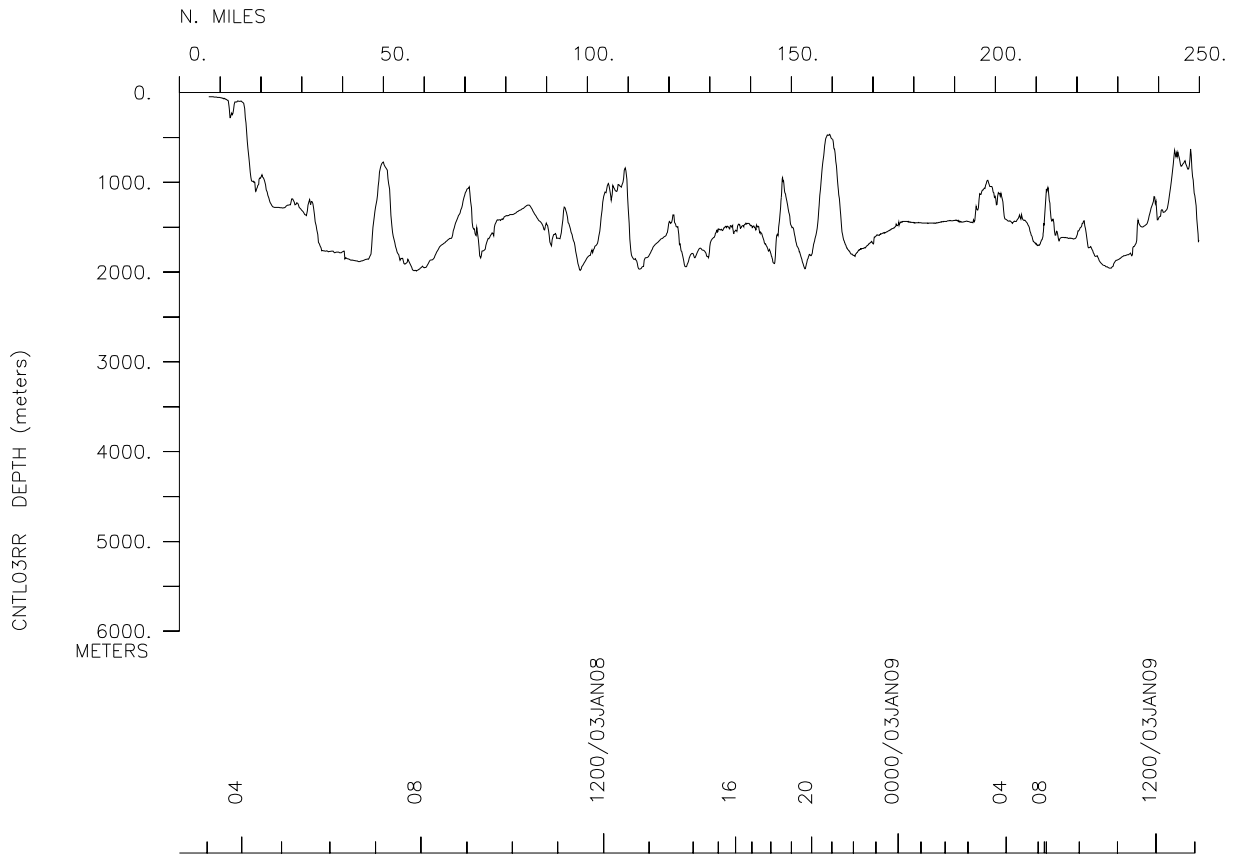
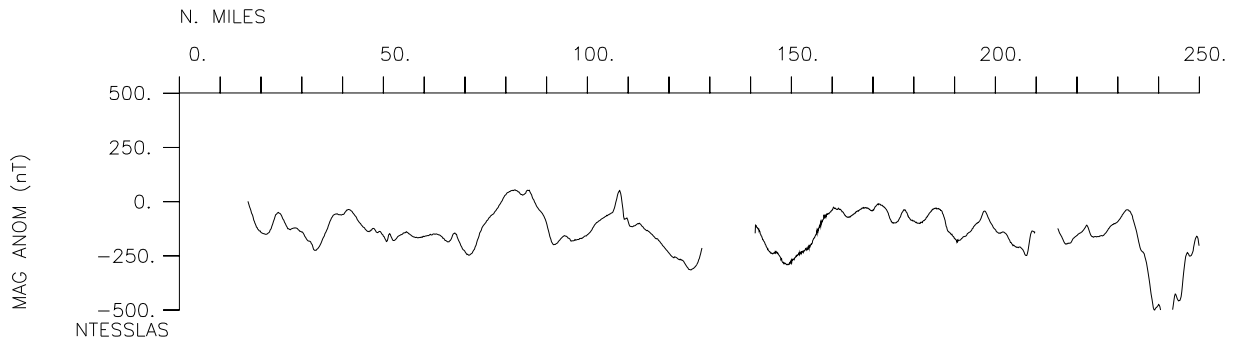
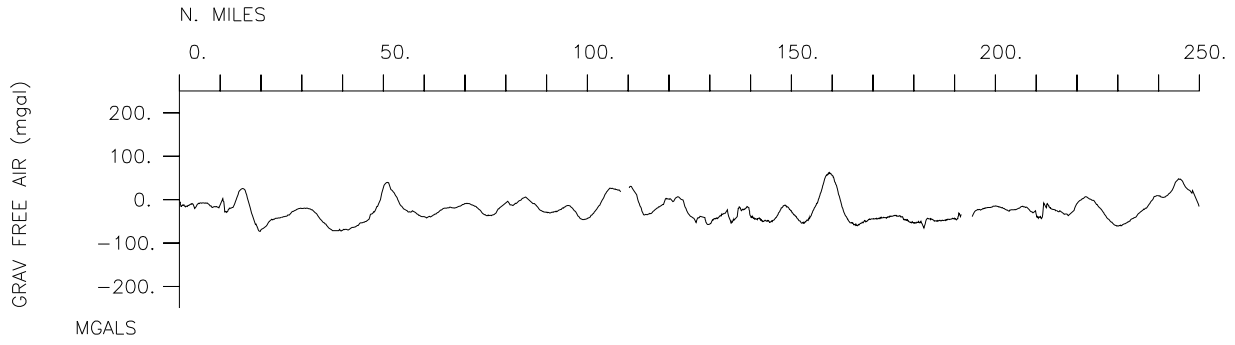
Seismic Reflection-collected

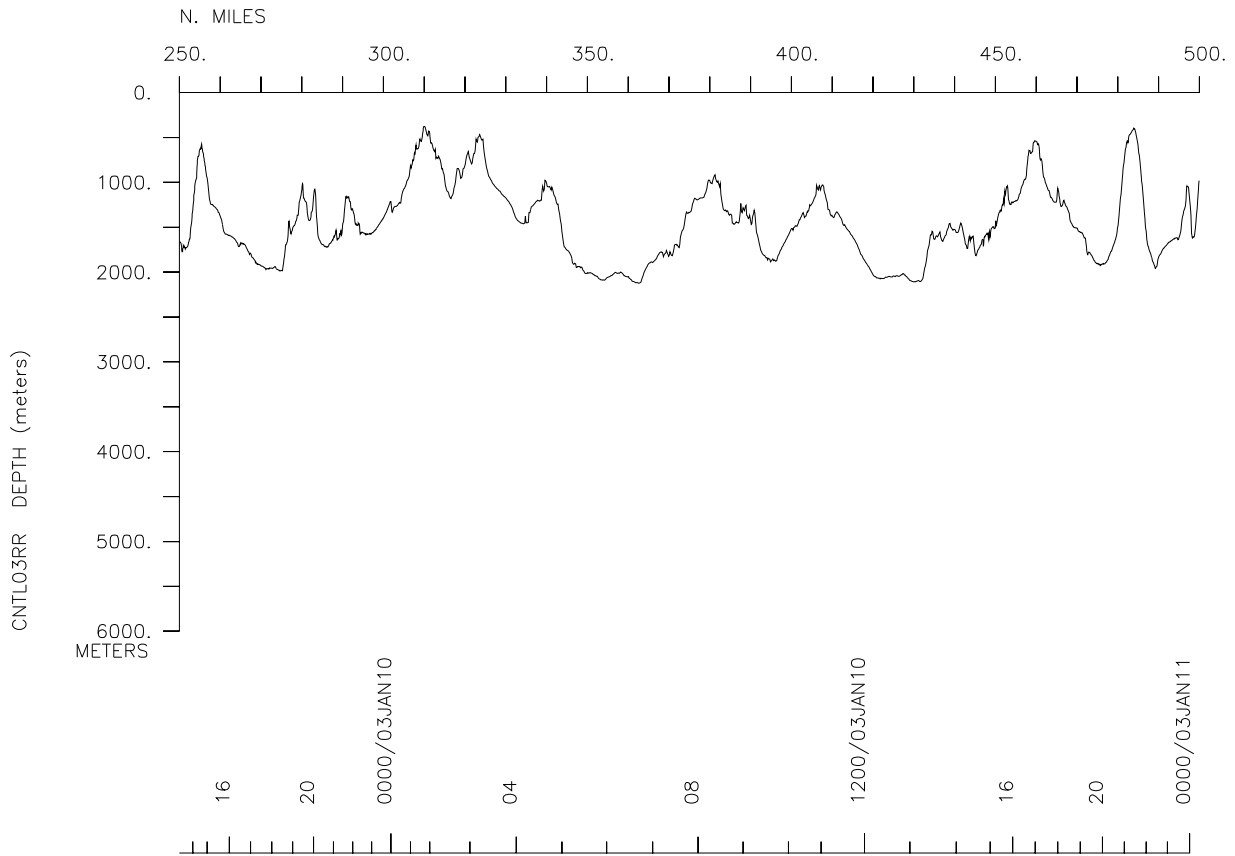
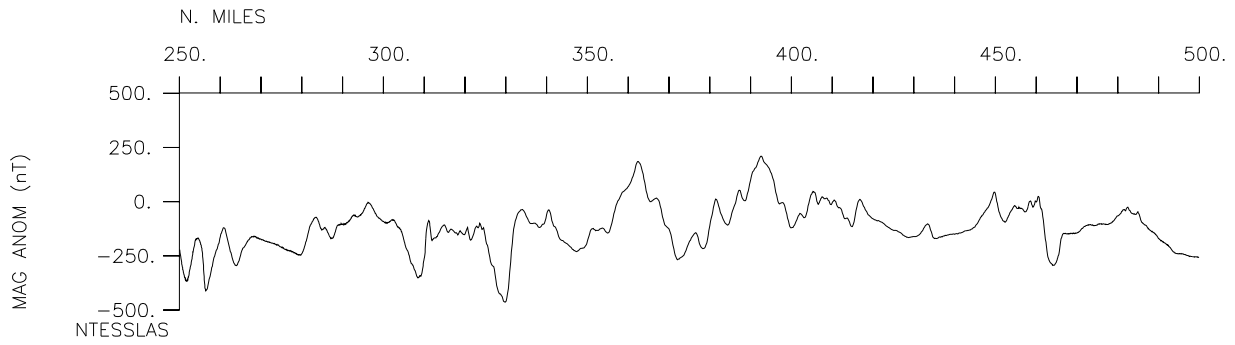
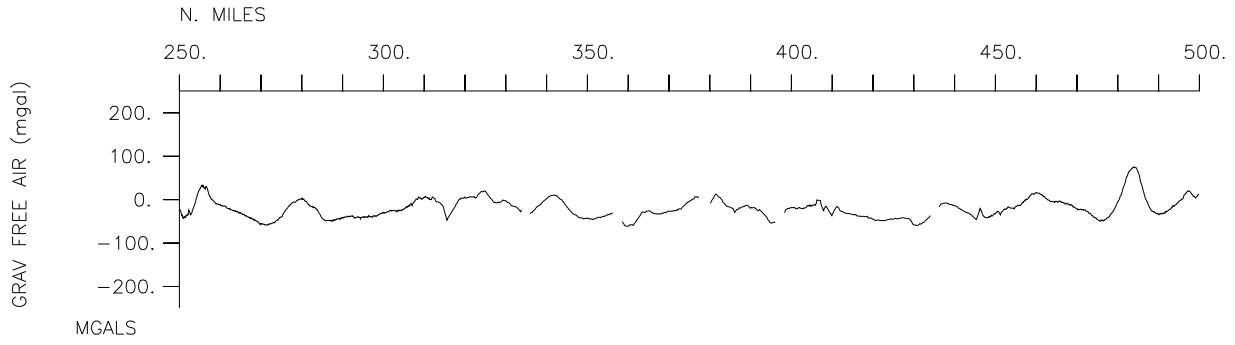
Multibeam- 799 miles

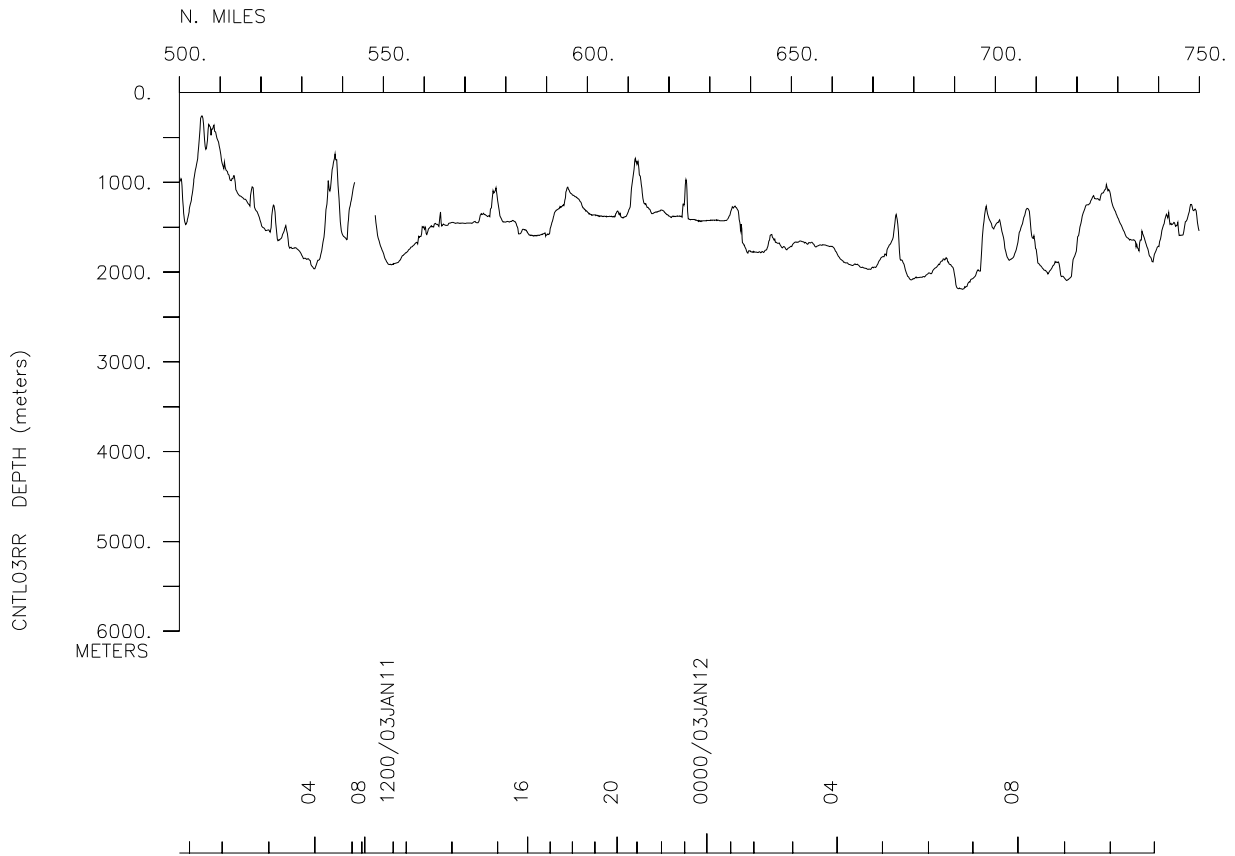
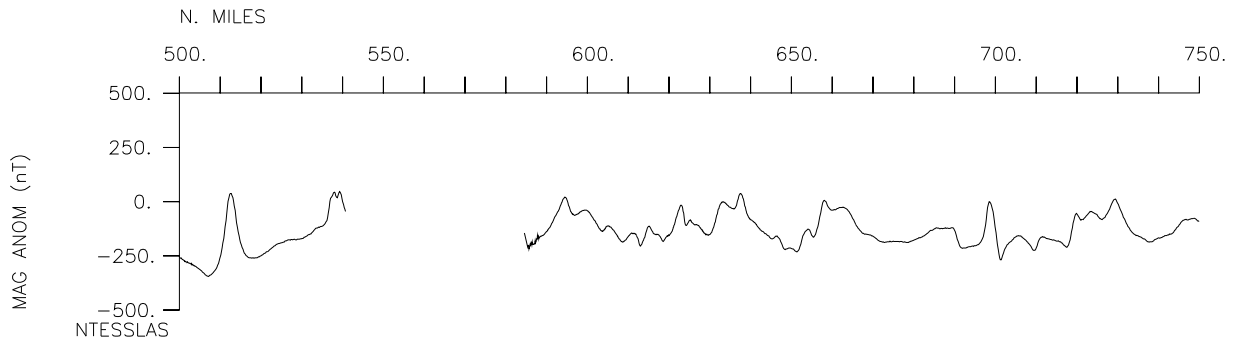
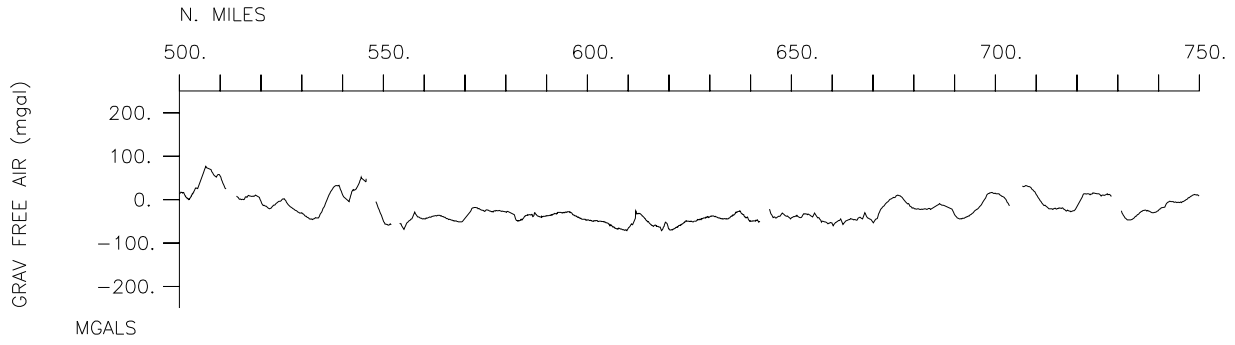
Gravity- 817 miles

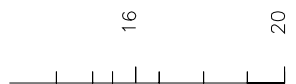
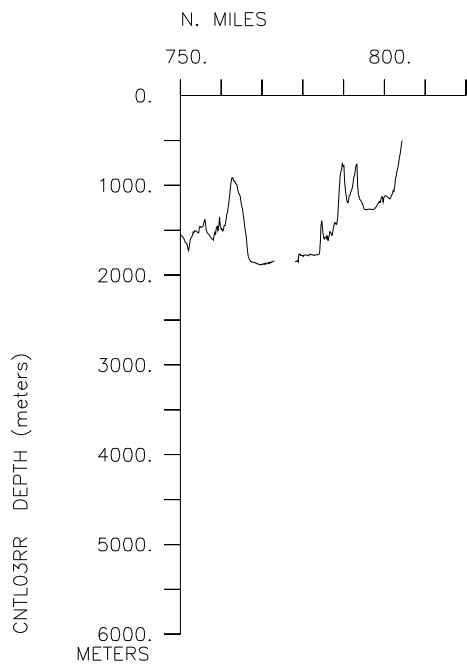
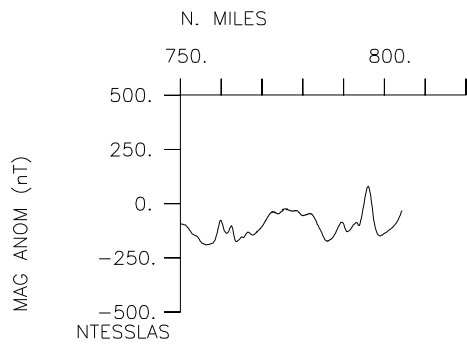
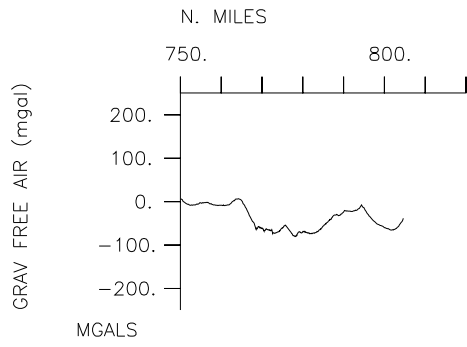
CNTL03RR











#*** Ports ***

0200	080103	LGPT B San Diego, Calif.	32-43.00N 117-11.00W f	CNTL03RR
1842	120103	LGPT E San Diego, Calif.	32-43.00N 117-11.00W f	CNTL03RR

#*** Personnel ***

#	*****NAME*****	*****TITLE*****	*****AFFILIATION*****	**CRID**
#---	----	-----	-----	-----
PECS	UCSB Macdonald, K.	Chief Sceintist	U.C.Santa Barbara	CNTL03RR
PESP	UCSB Haymon, R.	Scientist	U.C.Santa Barbara	CNTL03RR
PESP	UCSB Nicholson, C.	Scientist	U.C.Santa Barbara	CNTL03RR
PESP	SIX Legg, M.	Scientist	Legg Geophysical	CNTL03RR
PESP	SIX White, S.	Scientist	U.of So.Carolina	CNTL03RR
PESP	OSU Goldfinger, C.	Scientist	Oregon State Univ.	CNTL03RR
PESP	SDSU Barth, M.	Technician	San Diego State U.	CNTL03RR
PEST	UCSB Blasius, J.	Grad student	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Earhardt, C.	Grad student	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Inderbitzen, K.	Grad student	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Coombs, M.J.	Grad student	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Davis, K.	Grad student	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Duffy, M.	Grad student	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Duval, A.	Grad student	U.C.Santa Barbara	CNTL03RR
PEST	MEX Bielschowsky, I.A.	Grad student	UABC, Mexico	CNTL03RR
PEST	MEX Duron, P.B.	Grad student	UABC, Mexico	CNTL03RR
PEST	MEX Vasquez, J.L.	Observer	UABC, Mexico	CNTL03RR
PEST	MEX Ortega, V.W.	Observer	CICESE, Mexico	CNTL03RR
PEST	MEX Rodrigo, C.R.	Observer	CICESE, Mexico	CNTL03RR
PEST	UCSB Polcyn, R.	Undergraduate	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Broderick, C.	Undergraduate	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Benjamin, S.	Undergraduate	U.C.Santa Barbara	CNTL03RR
PEST	UCSB O'Donnell, C.	Undergraduate	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Matko, U.	Undergraduate	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Petrik, F.	Undergraduate	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Amarillas, M.	Undergraduate	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Bullard, V.	Undergraduate	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Cutler, I.	Undergraduate	U.C.Santa Barbara	CNTL03RR
PEST	UCSB Solomon, R.	Undergraduate	U.C.Santa Barbara	CNTL03RR
PERT	STS Sutherland, W.	Technician	Scripps Institution	CNTL03RR
PERT	STS Foley, S.	Computer tech	Scripps Institution	CNTL03RR
PERT	STS Baiz, T.	Resident tech	Scripps Institution	CNTL03RR
PERT	STS Colt, C.	Resident tech	Scripps Institution	CNTL03RR

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

#*** Log Books ***

0316	080103	0	LBUW	B	Underway log books	STS	32-32.72N 117-15.25W g	CNTL03RR
1840	110103	0	LBUW	E	Underway log books	STS	32-04.89N 117-21.44W g	CNTL03RR

**** Echo Sounder Records **** (12 or 3.5 kHz records)

0210	080103	0	DPR3	B	Knudsen	3.5kHz	GDC	32-42.14N	117-14.00W	g	CNTL03RR
1800	120103	0	DPR3	E	Knudsen	3.5kHz	GDC	32-27.99N	117-29.86W	g	CNTL03RR

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#-----	--	-----	-----	-----	-----	-----	-----	-----	-	-----

**** Seismic Reflection Records ****

1720	080103	0	SPRF	B	airgun data	GDC	31-48.54N	118-12.25W	g	CNTL03RR
1642	120103	0	SPRF	E	airgun data	GDC	32-18.13N	117-38.82W	g	CNTL03RR

**** MultiBeam Data ****

0200	080103	0	MBSI	B	SIMRAD EM120 data	GDC	32-42.40N	117-14.18W	g	CNTL03RR
1840	120103	0	MBSI	E	SIMRAD EM120 data	GDC	32-32.50N	117-22.50W	g	CNTL03RR

**** Digital Gravity ****

0200	080103	0	GVDD	B	digital gravity data	GDC	32-42.40N	117-14.18W	g	CNTL03RR
1840	120103	0	GVDD	E	digital gravity data	GDC	32-32.50N	117-22.50W	g	CNTL03RR

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

0340	080103	0	MGDD	B	digital magnetics	GDC	32-31.20N	117-17.19W	g	CNTL03RR
0505	110103	0	MGDD	E	digital Magnetics	GDC	31-47.92N	117-48.91W	g	CNTL03RR

**** Expendable Bathythermographs ****

0441	080103	0	BTXP	MK12	# 1 Fast_Deep	GDC	32-25.53N	117-25.71W	g	CNTL03RR
0430	090103	0	BTXP	MK12	# 2 Fast_Deep	GDC	31-53.40N	117-41.03W	g	CNTL03RR
0450	100103	0	BTXP	MK12	# 3 Fast_Deep	GDC	31-33.71N	117-37.93W	g	CNTL03RR
0919	110103	0	BTXP	MK12	# 4 Fast_Deep	GDC	31-46.12N	117-49.76W	g	CNTL03RR
0453	120103	0	BTXP	MK12	# 5 Fast_Deep	GDC	31-37.39N	117-45.97W	g	CNTL03RR

**** Cores ****

1008	110103	0	COGV	B	Core 1	1925M	UCSB	31-43.94N	117-44.56W	g	CNTL03RR
1200	110103	0	COGV	E	Core 1		UCSB	31-43.94N	117-44.56W	g	CNTL03RR

**** Dredges ****

0540	090103	0	DRRO	B	Dredge 1	1460M	UCSB	31-53.62N	117-46.31W	g	CNTL03RR
0829	090103	0	DRRO	E	Dredge 1		UCSB	31-53.65N	117-46.59W	g	CNTL03RR
0532	110103	0	DRRO	B	Dredge 2	1075M	UCSB	31-46.34N	117-50.17W	g	CNTL03RR
0845	110103	0	DRRO	E	Dredge 2		UCSB	31-46.80N	117-50.86W	g	CNTL03RR

#					End Sample Index					CNTL03RR
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