

Report and Index of
Underway Marine Geophysical Data
La Perouse Expedition
Leg 4
(LPRS04RR)

R/V **Revelle**

(Issued September 2002)

Ports:
Newport, Oregon (21 August 2002)
to
Honolulu, Hawaii (29 August 2002)

Chief Scientist: Transit

Computer Tech - Bill French

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 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
Shipboard Technical Support, Scripps Institution of Oceanography,
La Jolla, California 92093-0223.*

STS Cruise ID# 298

***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

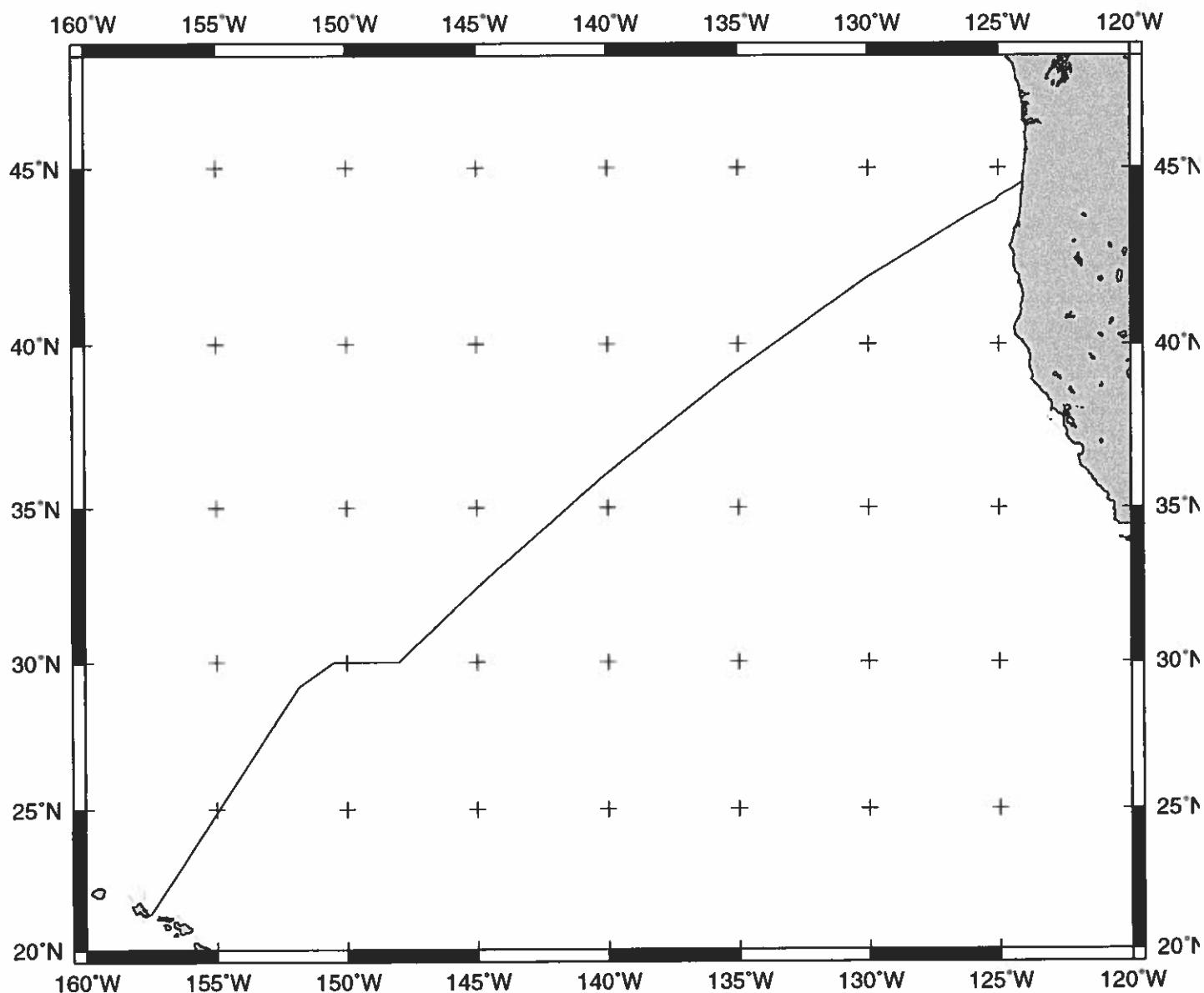
Profiles - depth, magnetic and gravity free air anomaly vs. distance. (Sections of track with seismic reflection data have a wide black line along the bottom of the profile.)

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



LAPEROUSE EXPEDITION LEG 4 (LPRS04RR)

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CHIEF SCIENTIST: Transit, No Chief Scientist on board

PORTS: Newport, Oregon - Honolulu, Hawaii

DATES: 21 - 29 August 2002

SHIP: R/V Revelle

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-2239 miles

Magnetics-1999 miles

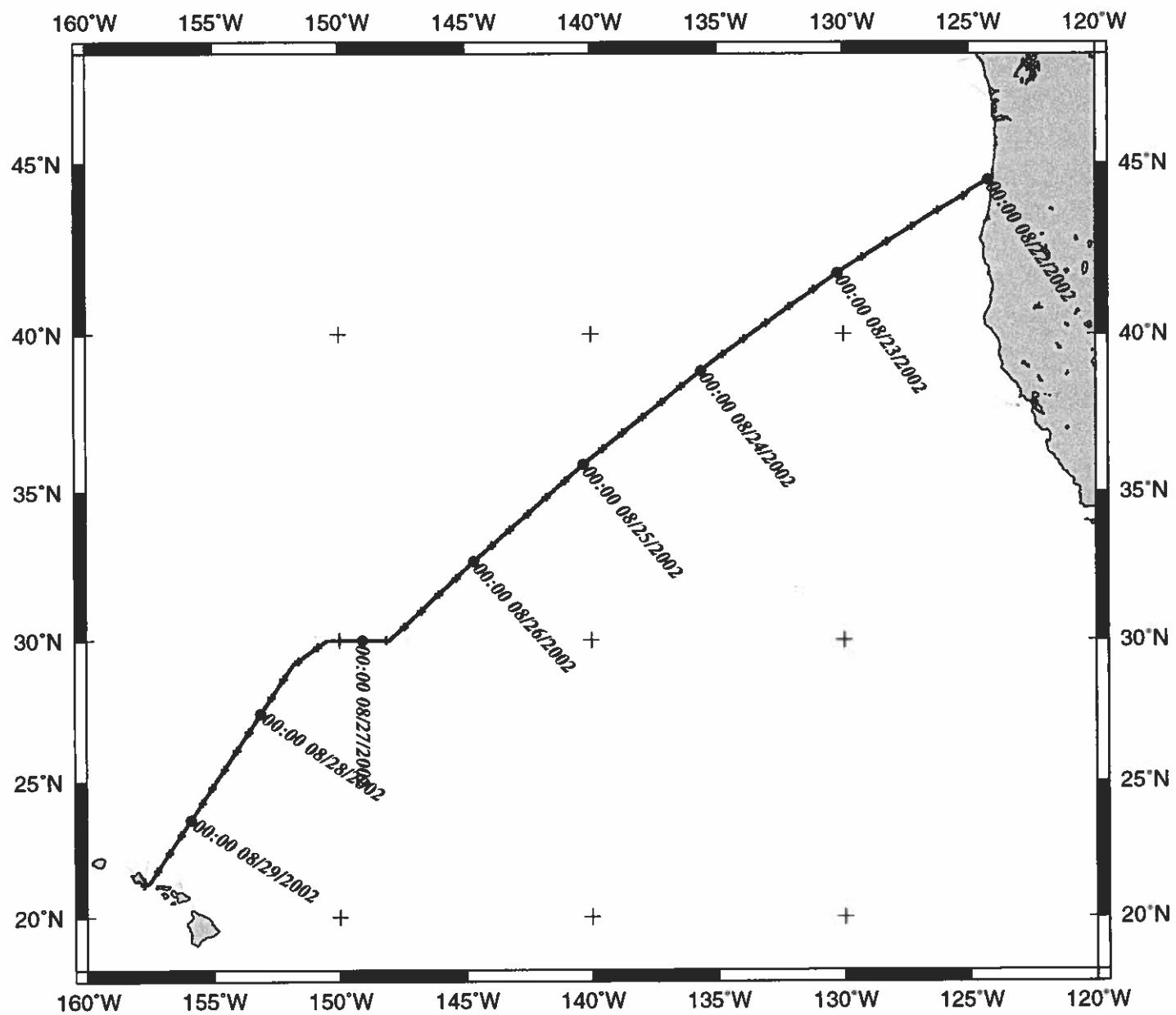
Bathymetry-2119 miles

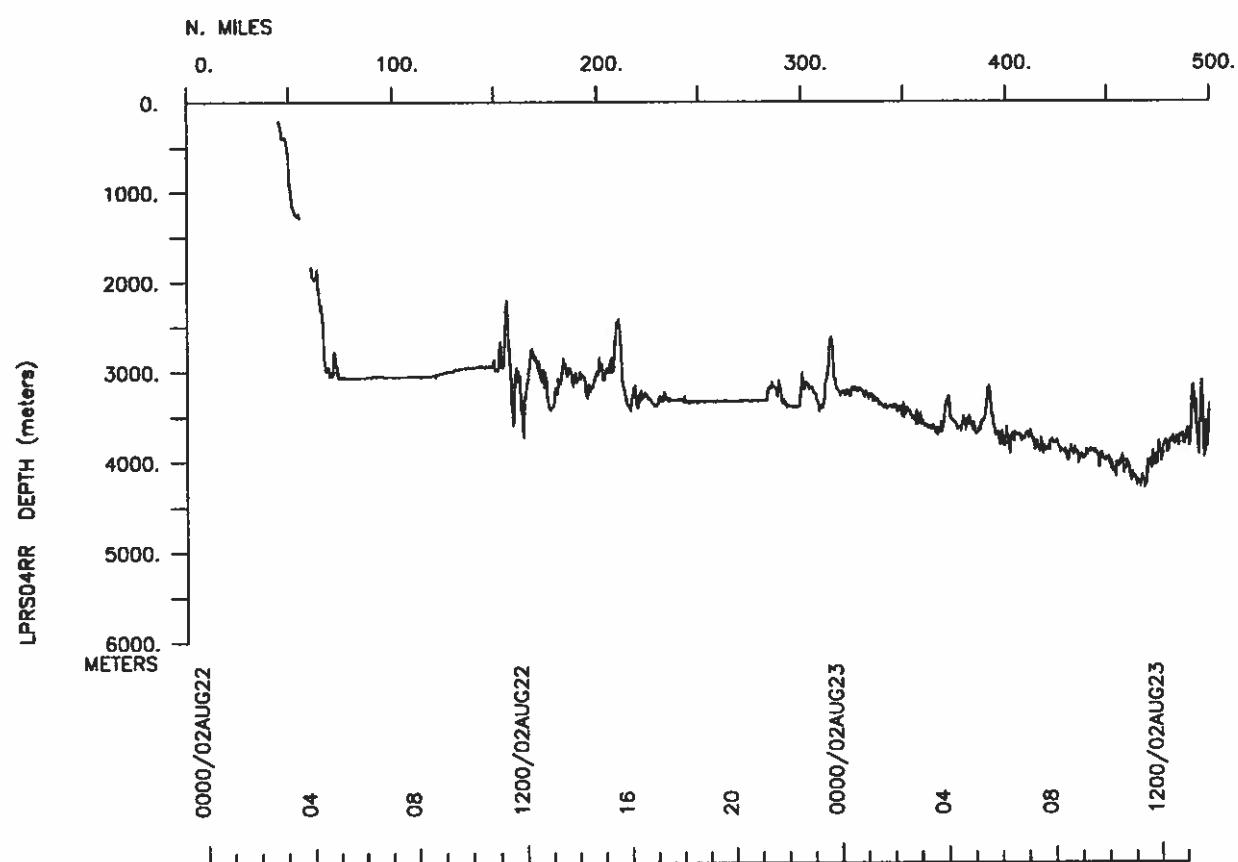
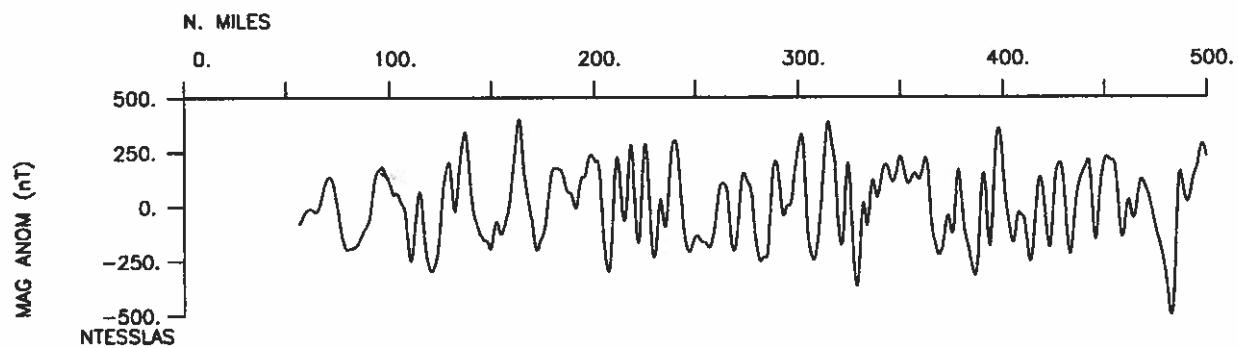
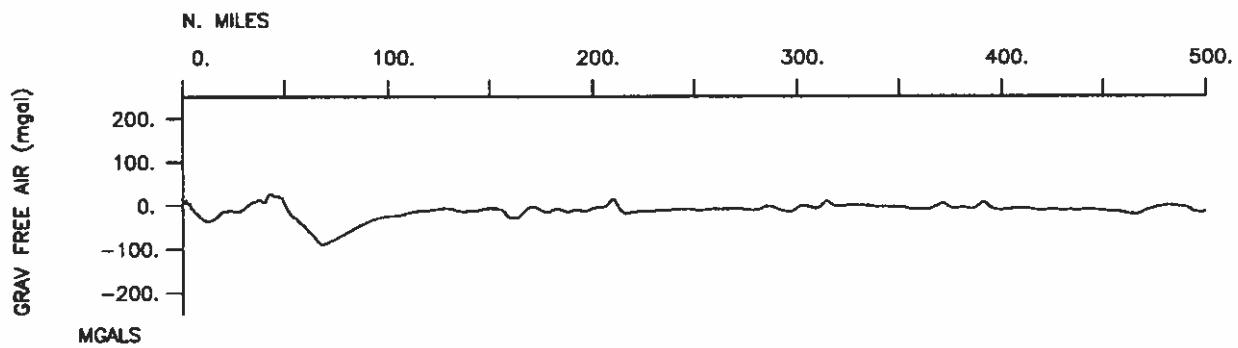
Seismic Reflection-none collected

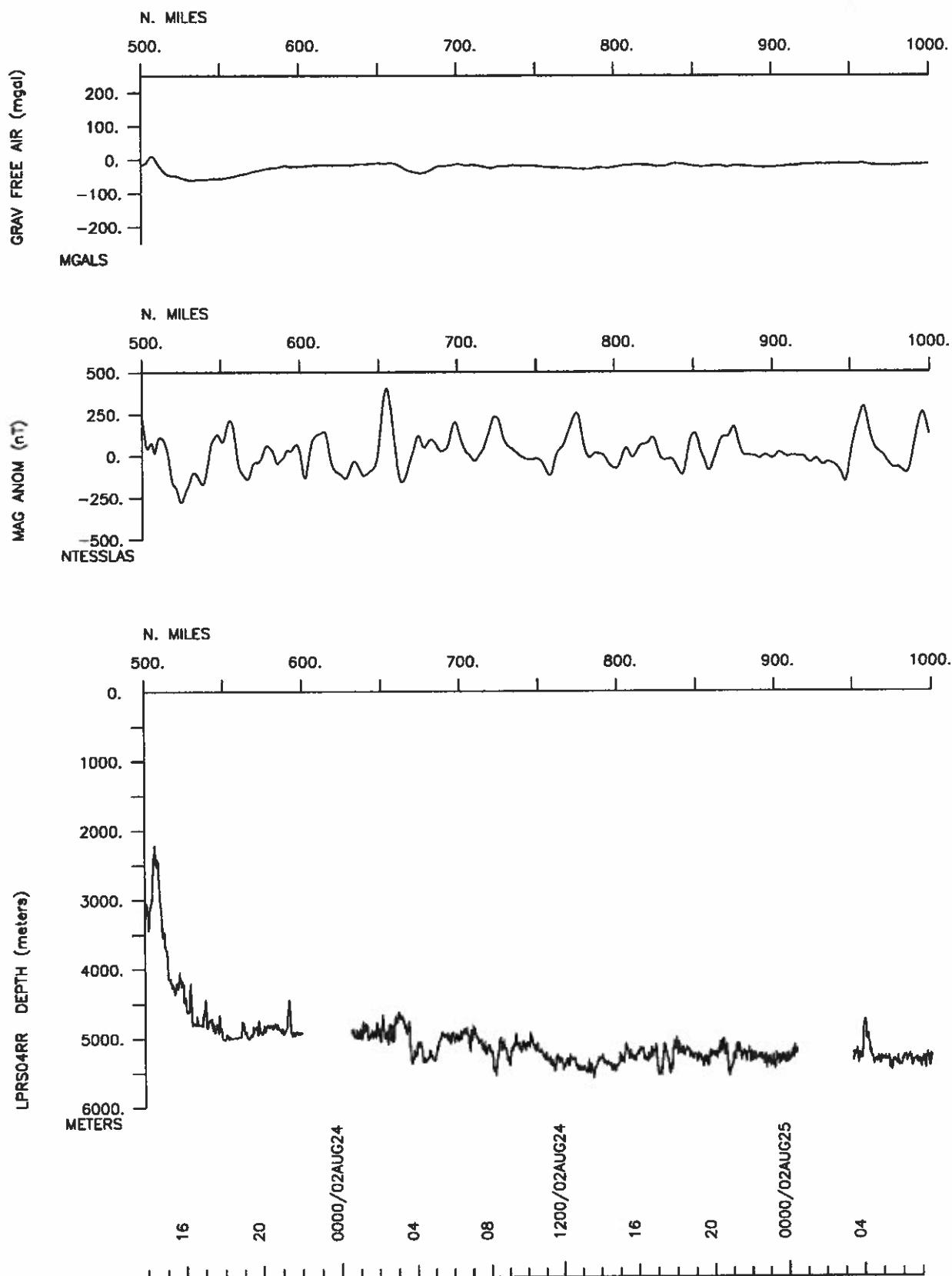
Multibeam-2119 miles

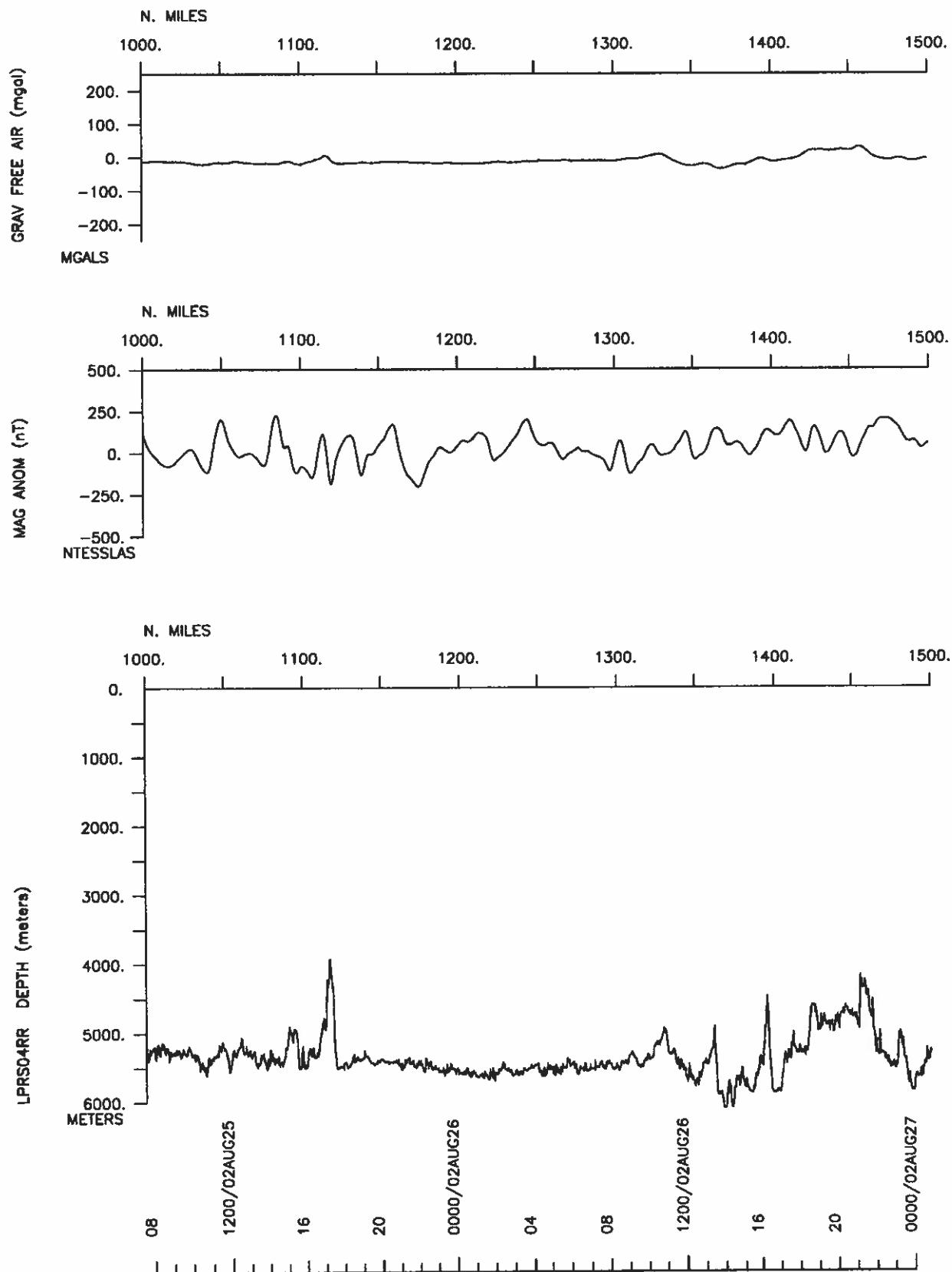
Gravity-2234 miles

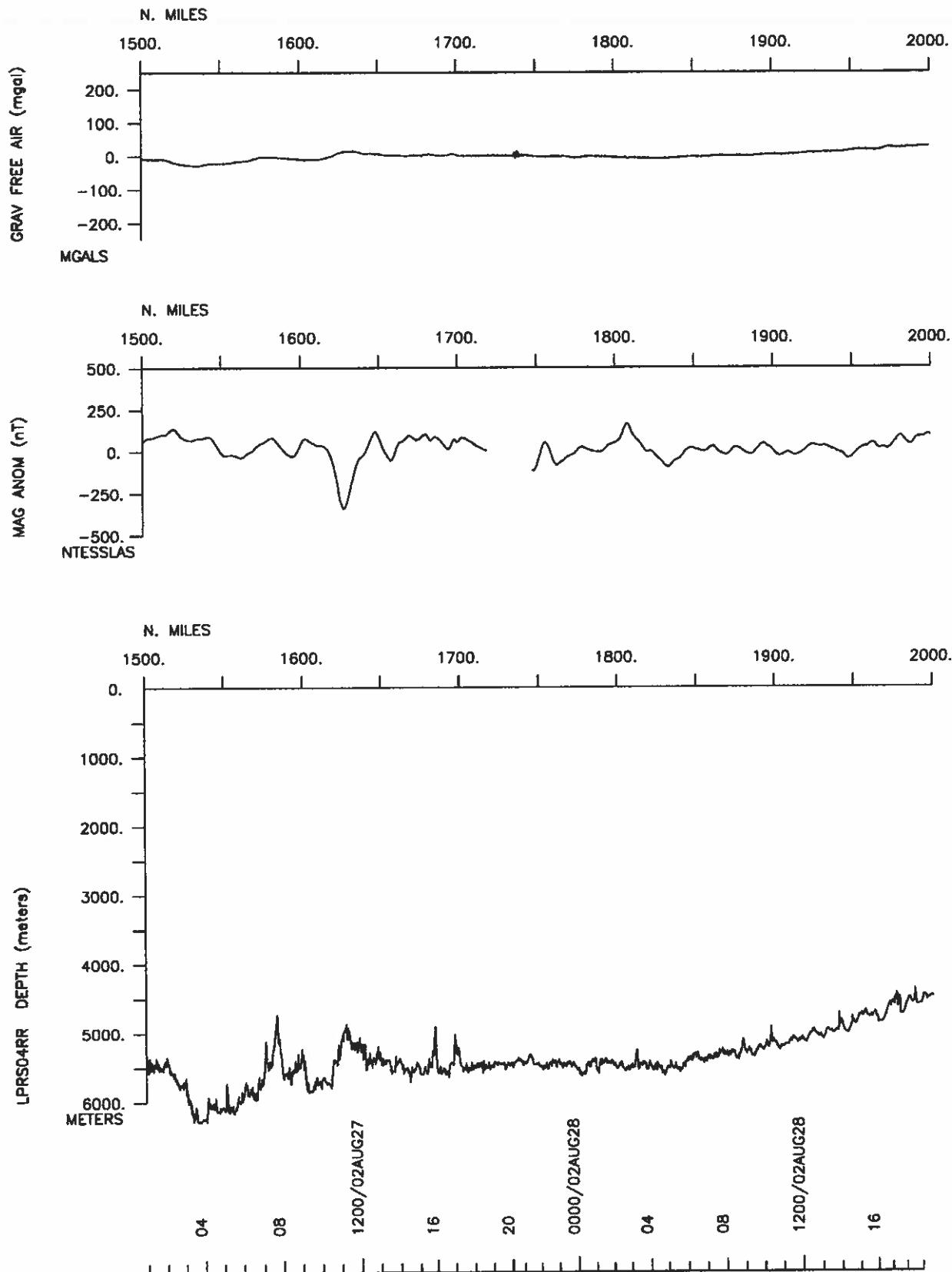
LPRS04RR

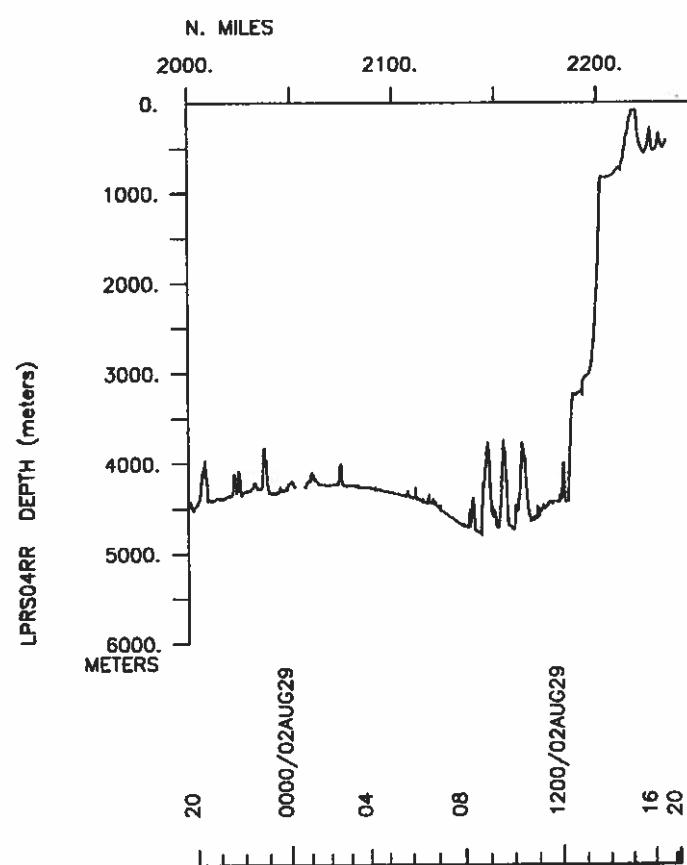
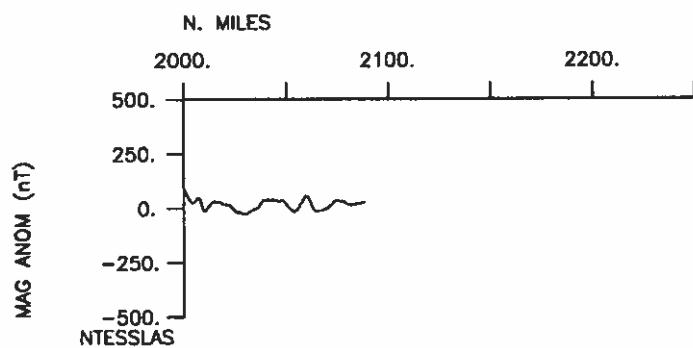
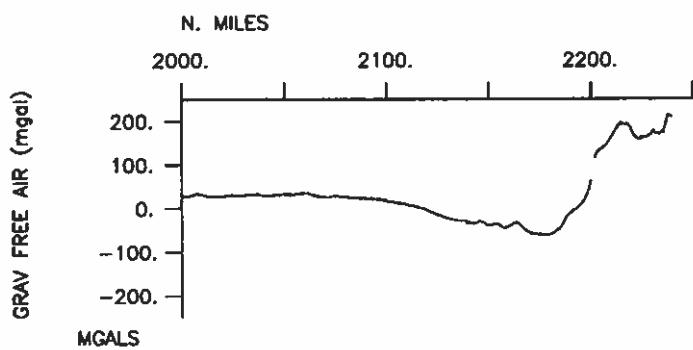












S.I.O. Sample Index

La Perouse Expedition

Leg 4

(LPRS04RR)

R/V Revelle

(Issued October 2002)

POR TS:

Newport, Oregon (21 August 2002)
to
Honolulu, Hawaii (29 August 2002)

Chief Scientist: Transit
No Chief Scientist

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 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.)

STS Cruise ID# 298

#*** Ports ***

2200 210802 0 LGPT B	Newport, Oregon	44-37.56N 124-02.66W f	LPRS04RR
1800 290802 0 LGPT E	Honolulu, Hawaii	21-22.00N 157-58.00W f	LPRS04RR

#*** Personnel ***

#-----	*****NAME*****	*****TITLE*****	*****AFFILIATION*****	**CRID**
#-----	-----	-----	-----	-----

PECT STS	French, B.	Computer Tech.	Scripps Institution	LPRS04RR
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#*** 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.

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

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

#*** MultiBeam Data (SIMRAD) ***

0241 220802 0 MBSI B SIMRAD Multibeam	GDC 44-14.39N 124-55.93W g	LPRS04RR
1640 290802 0 MBSI E SIMRAD Multibeam	GDC 21-15.06N 157-51.45W g	LPRS04RR

#*** Digital Gravity ***

2300 210802 0 GVDD B Digital Gravity	GDC 44-37.54N 124-02.66W g	LPRS04RR
1800 290802 0 GVDD E Digital Gravity	GDC 21-18.79N 157-52.64W g	LPRS04RR

#*** Digital Magnetics - Earth Total Field ***

0332 220802 0 MGDD B Digital magnetics	GDC 44-06.06N 125-06.04W g	LPRS04RR
0359 290802 0 MGDD E Digital magnetics	GDC 23-03.29N 156-17.33W g	LPRS04RR

#*** Integrated Meteorological Acquisition System ***

2200 210802 0 IMET B Weather measurements	GDC 44-37.54N 124-02.66W g	LPRS04RR
1800 290802 0 IMET E Weather measurements	GDC 21-18.79N 157-52.64W g	LPRS04RR

#*** Acoustic Doppler Current Profiler ***

2200 210802 0 ADCP B Current measurements	GDC 44-37.54N 124-02.66W g	LPRS04RR
1800 290802 0 ADCP E Current measurements	GDC 21-18.79N 157-52.64W g	LPRS04RR

#***	End Sample Index	LPRS04RR
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