Report and Index of

Underway Marine Geophysical Data

Vancouver Expedition

Leg 12

(VANC12MV)

R/V Melville

(Issued Nov 2003)

Ports:
Darwin, Australia (08-Aug-2003)
to
Cairns, Australia (16-Aug-2003)

Chief Scientist: David Naar
University of South Florida
naar@usf.edu

Computer Tech - Ron Moe
Resident Tech - none

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#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.

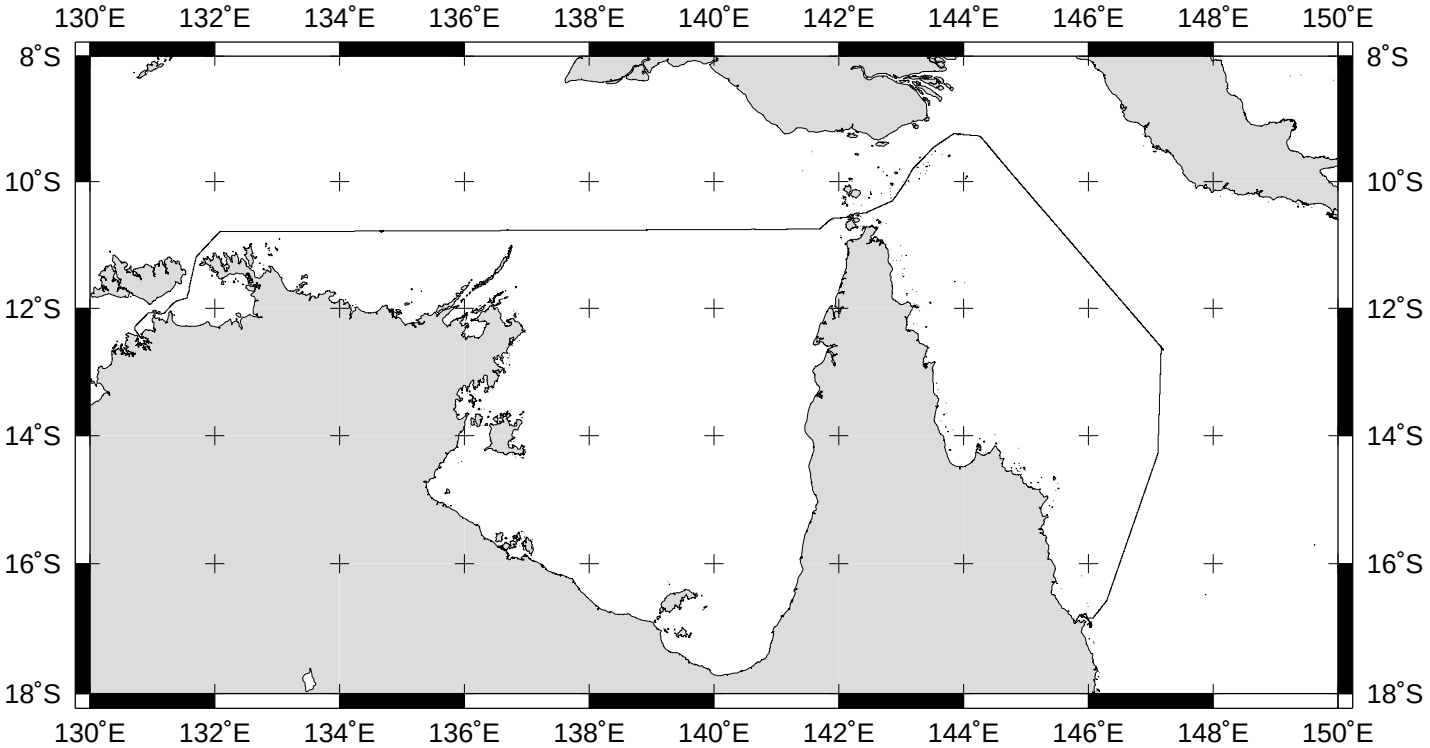
Profiles - depth, magnetic and gravity free air anomaly vs. distance. (Sections of track with seismic reflection data have a wide black line along the bottom of the profile.)

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 12 (VANC12MV)

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CHIEF SCIENTIST: David Naar, University of South Florida

PORTS: Darwin - Cairns, Australia

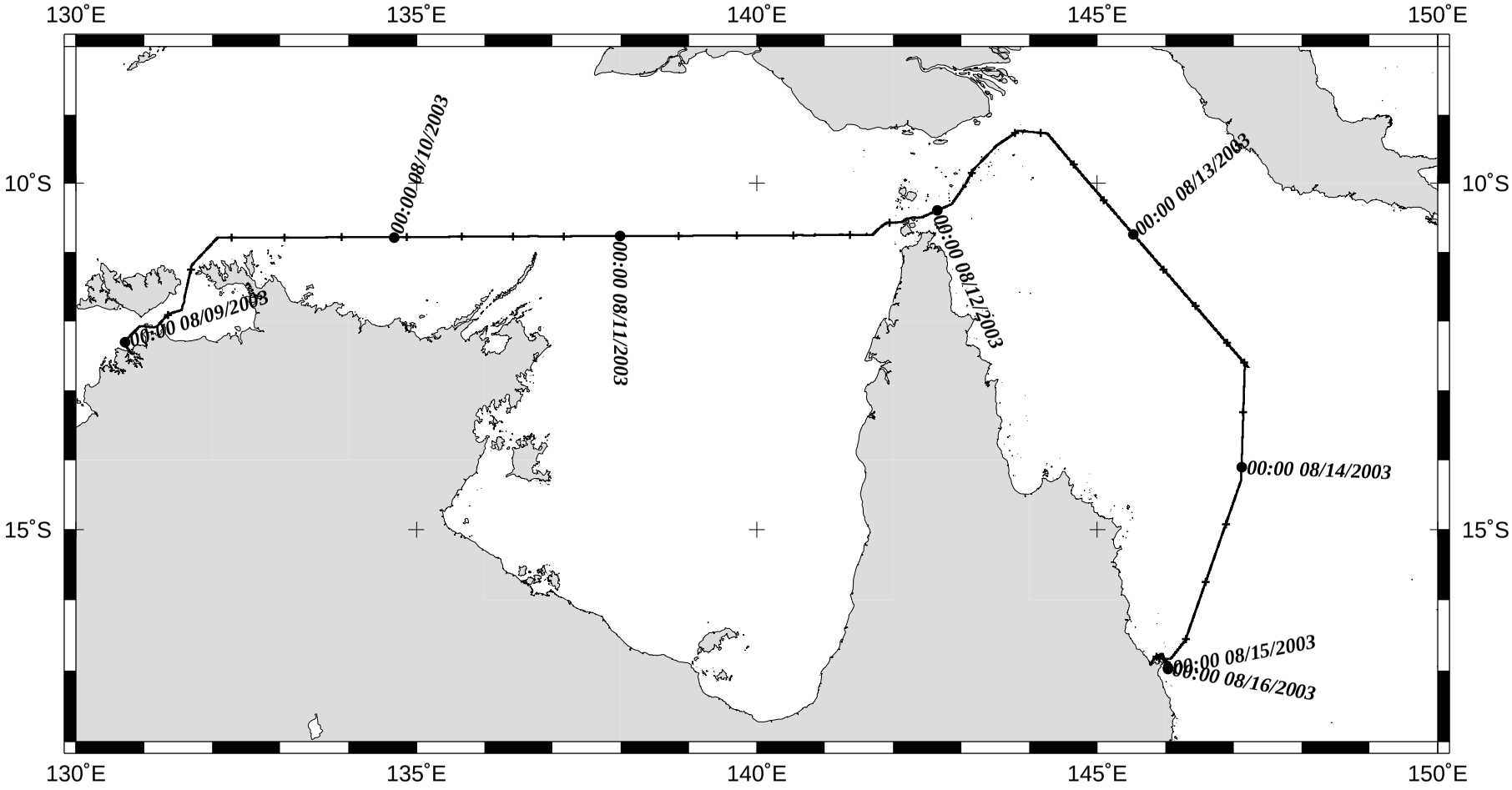
DATES: 8 - 16 August 2003

SHIP: R/V Melville

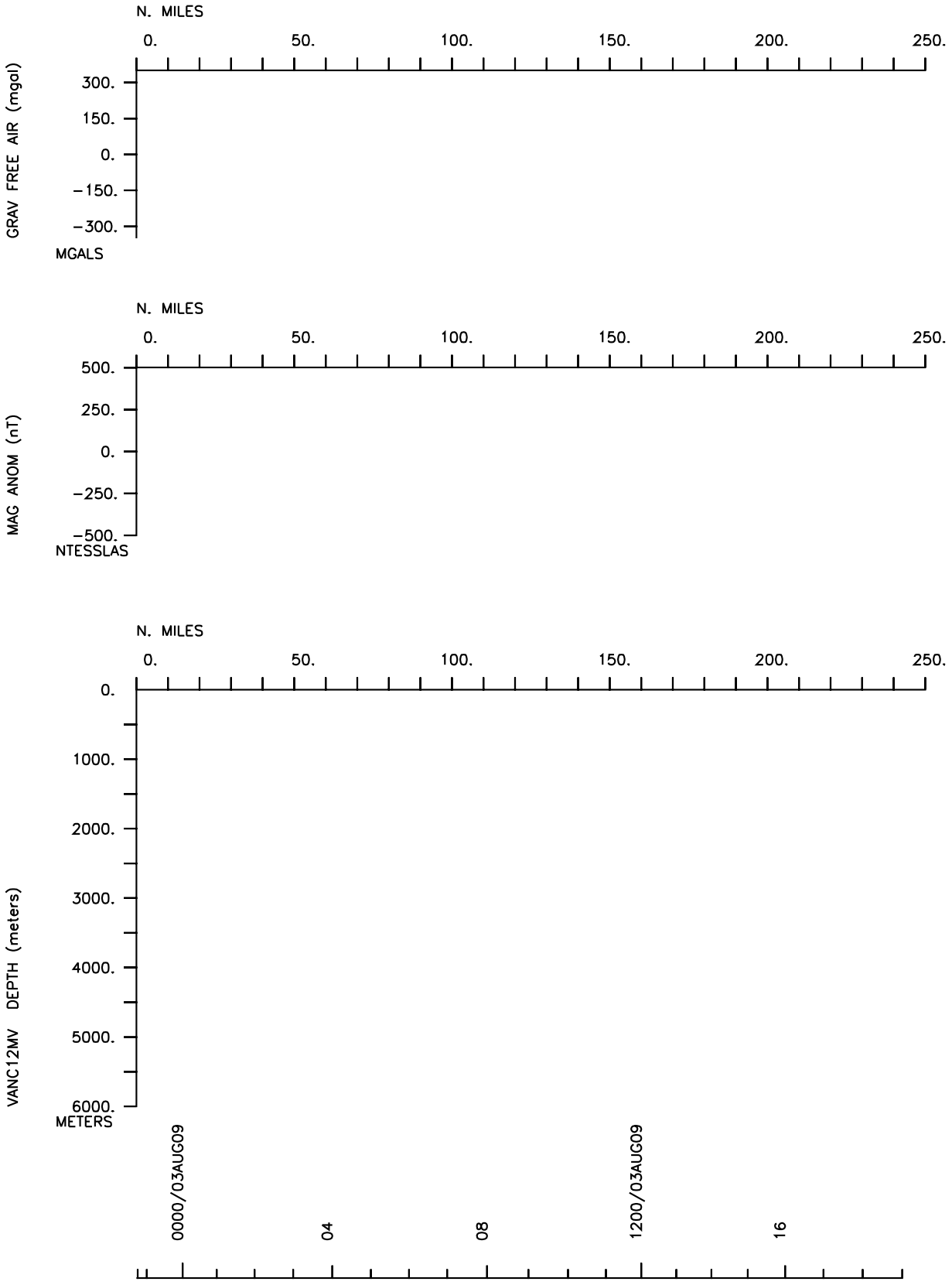
TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-1832 miles	**Magnetics-none collected**
Bathymetry- 435 miles	**Seismic Reflection-none collected**
Multibeam- 435 miles	**Gravity-none collected**

VANC12MV



GMT 2003 Nov 14 12:15:00 **:Darwin - Cairns, Australia 8 - 16 August 2003:**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MGALS
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100.
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200.
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08
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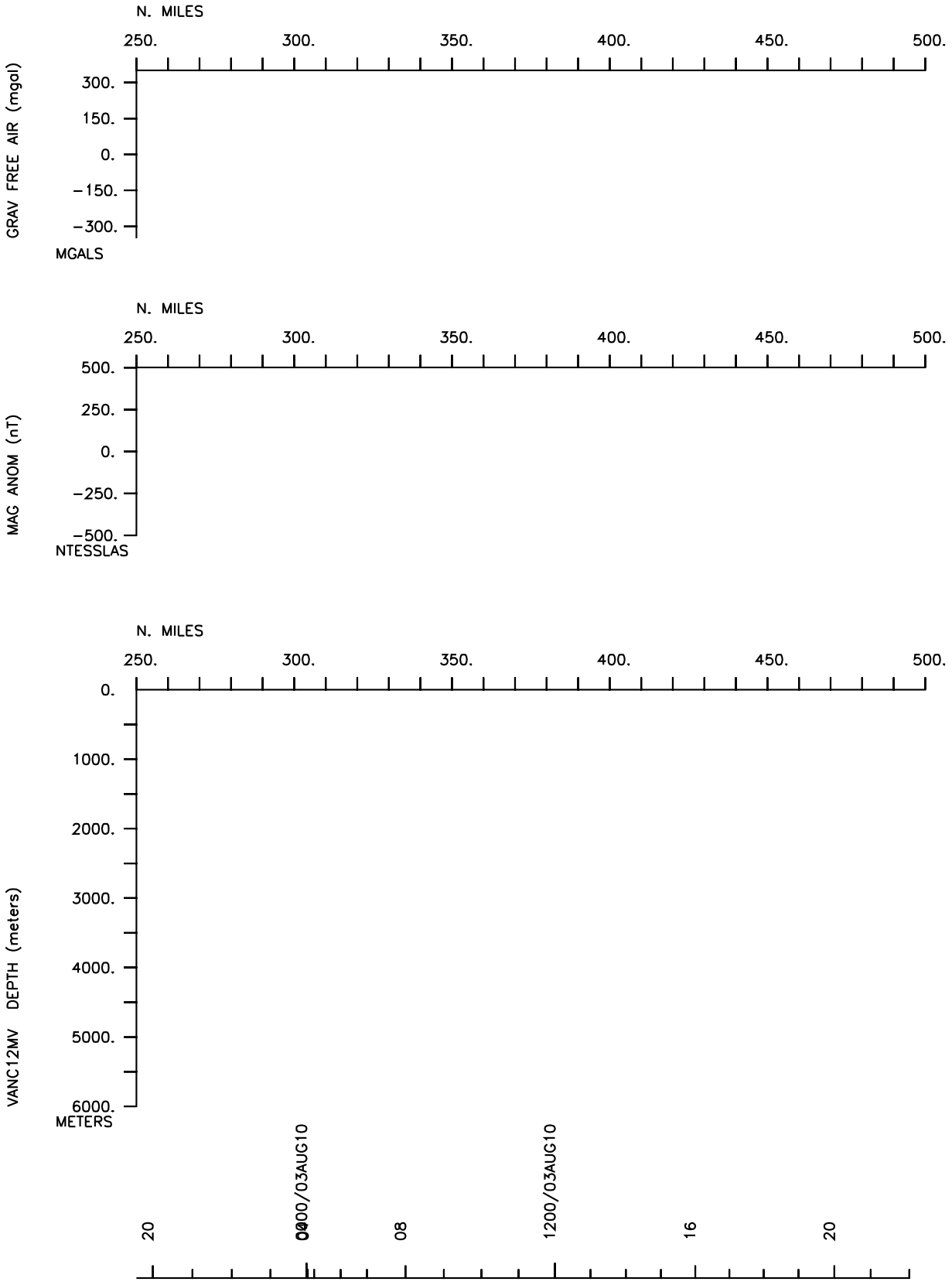
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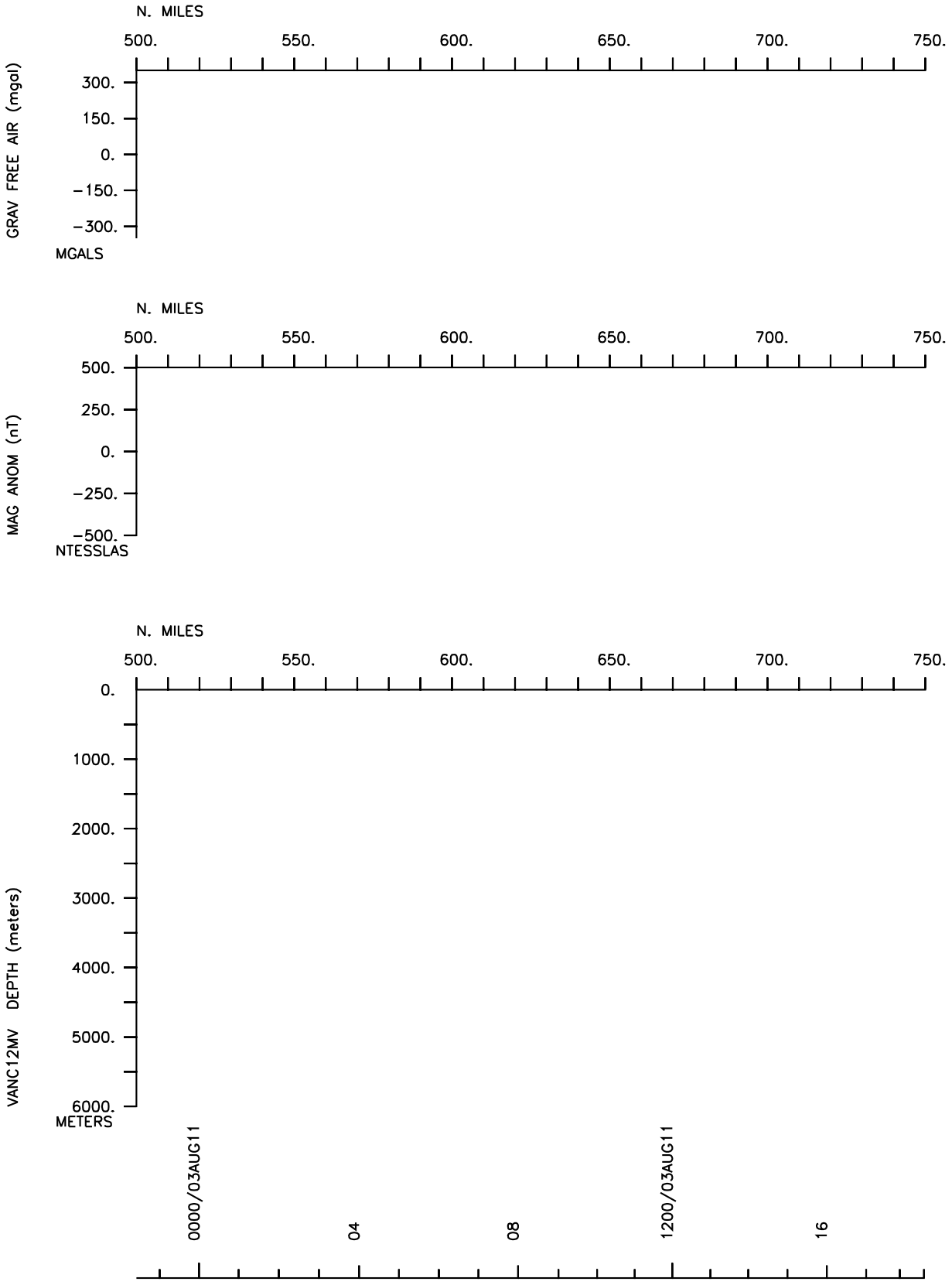
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NTESSLAS
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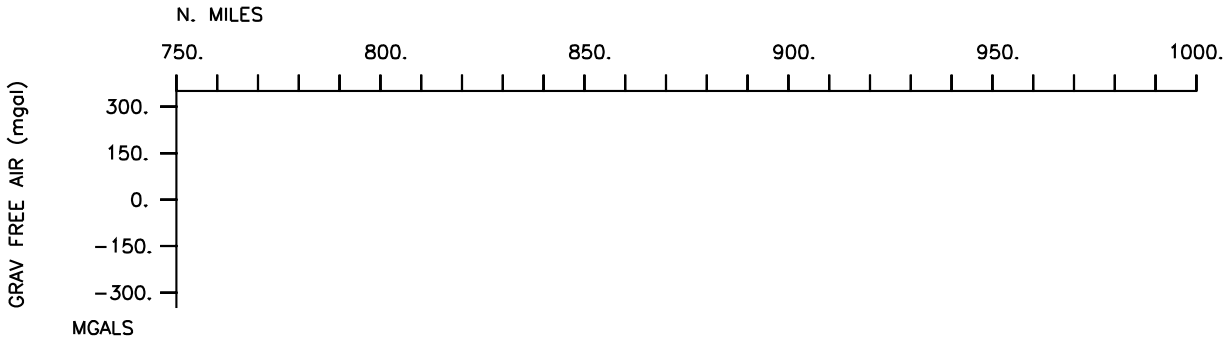
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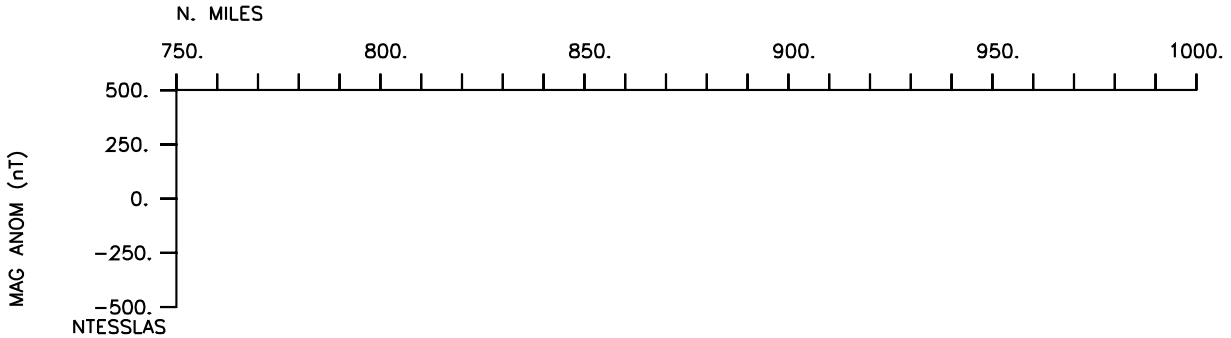
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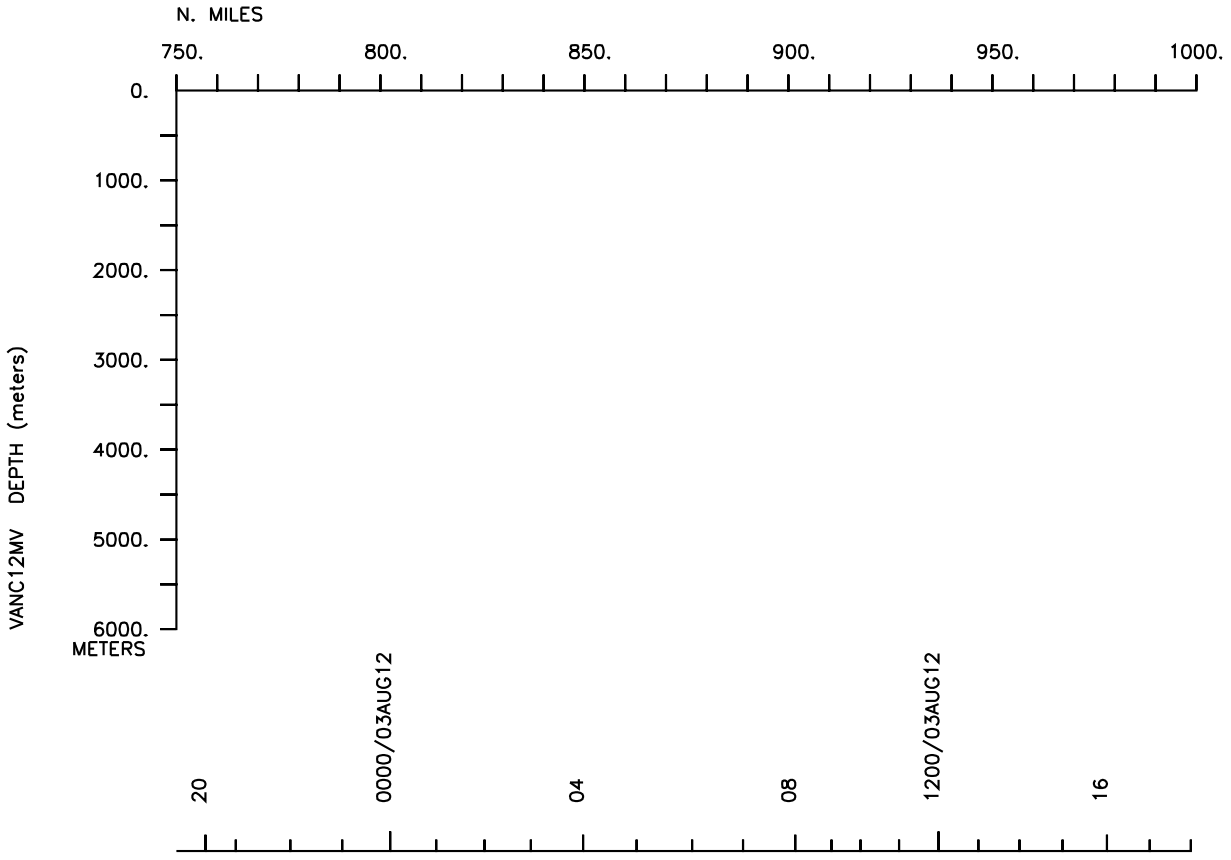
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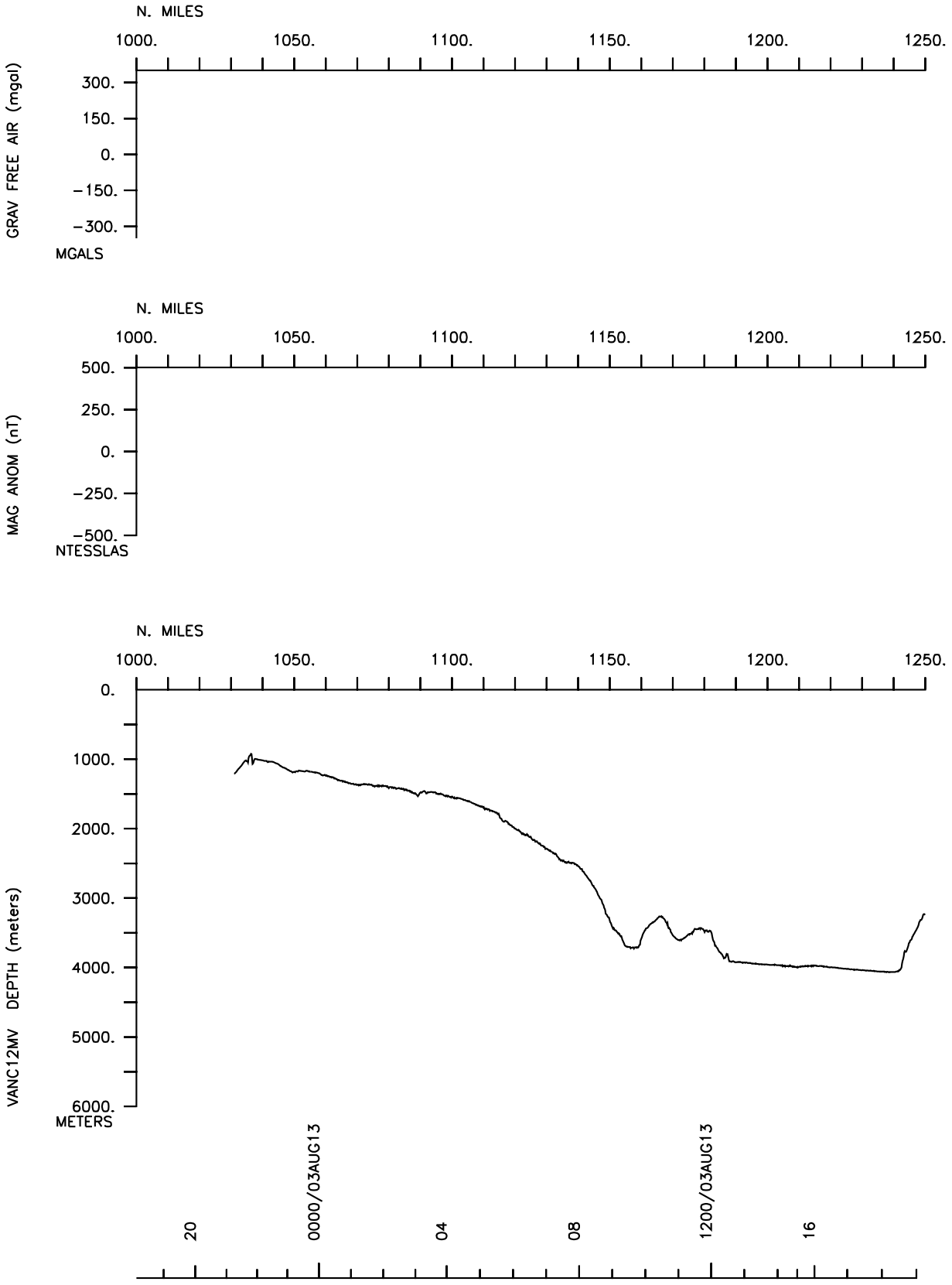
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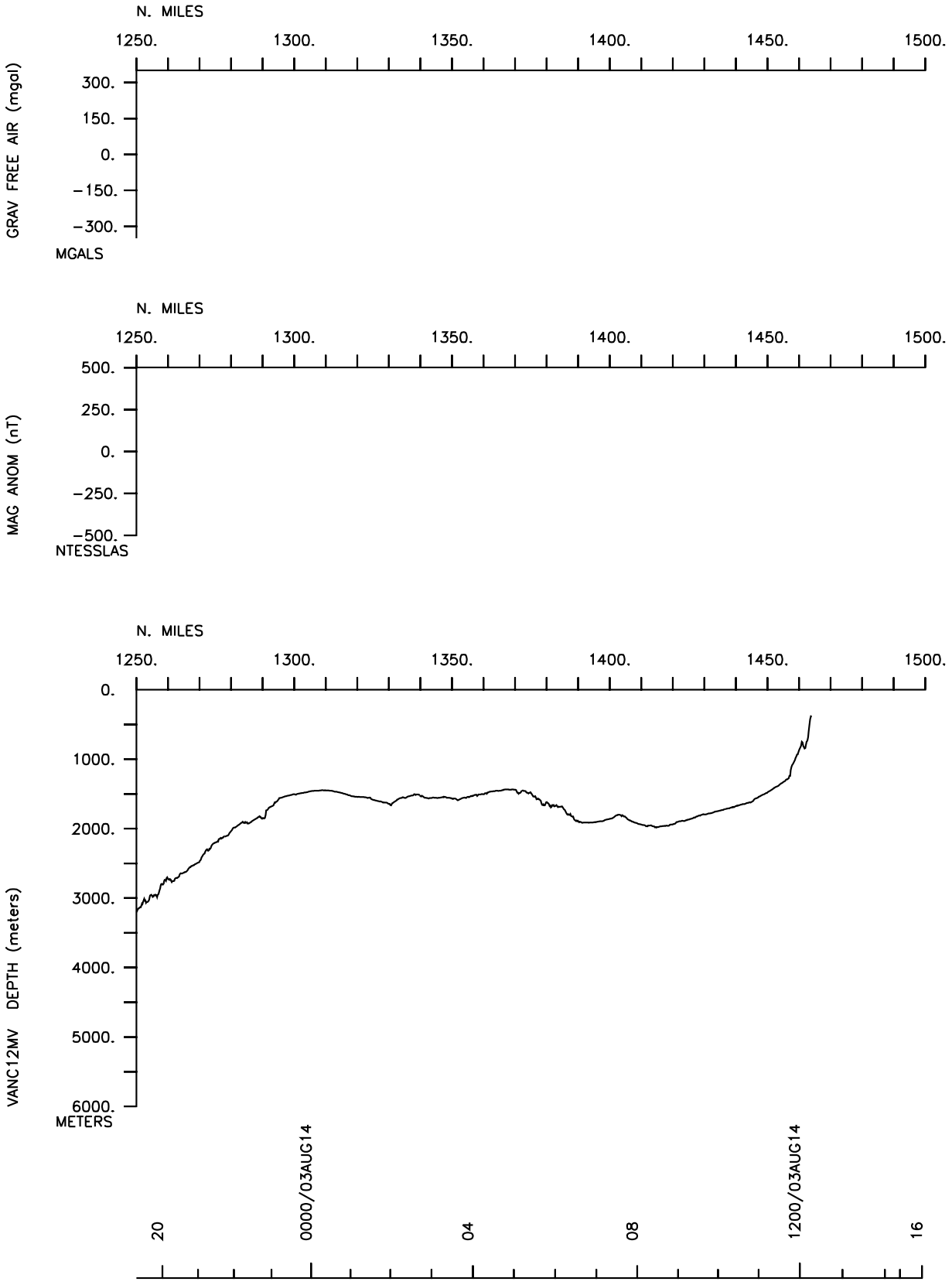
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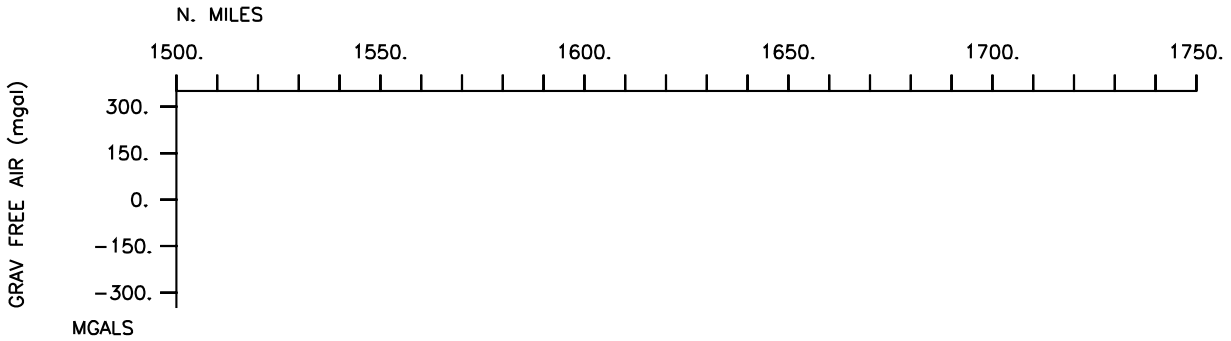
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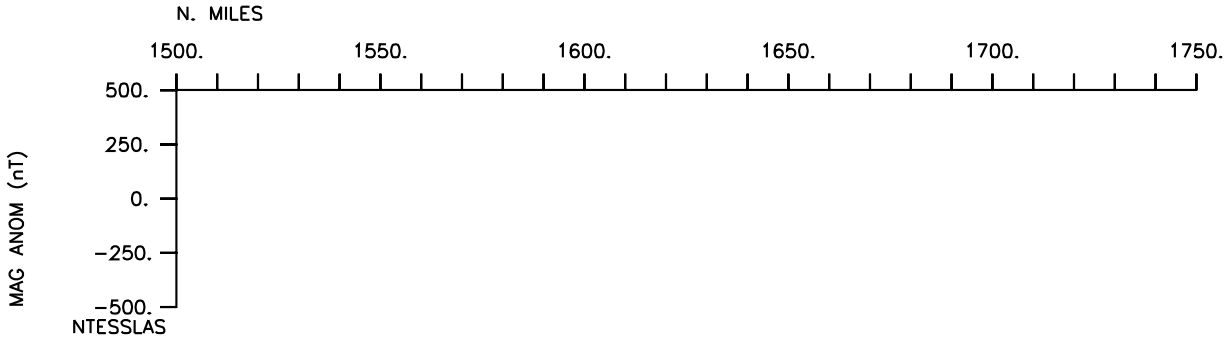
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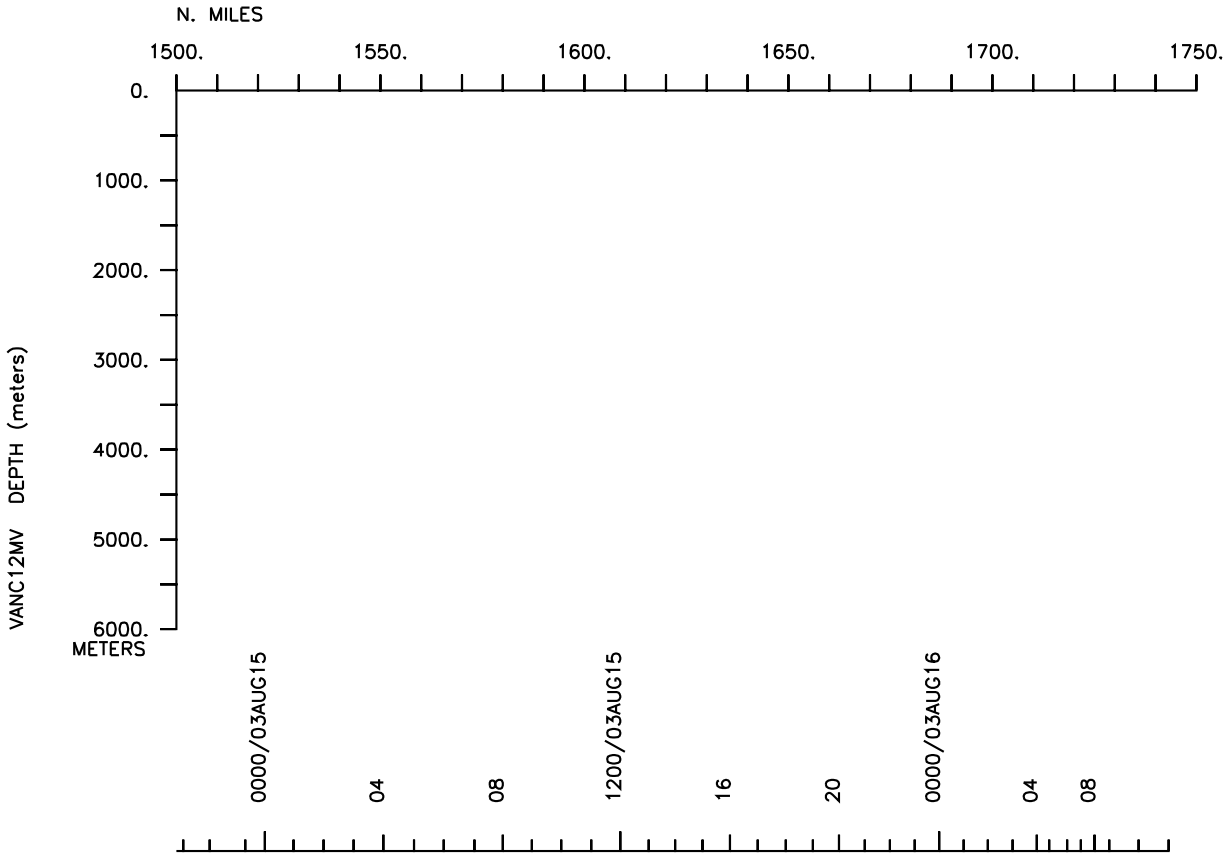
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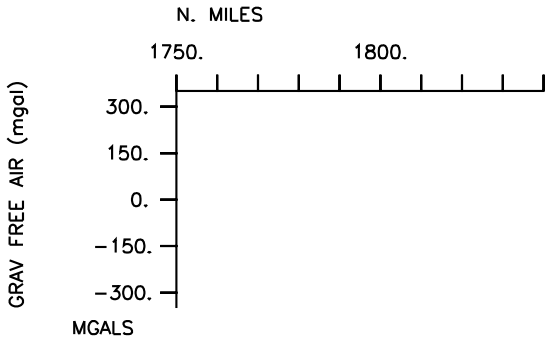
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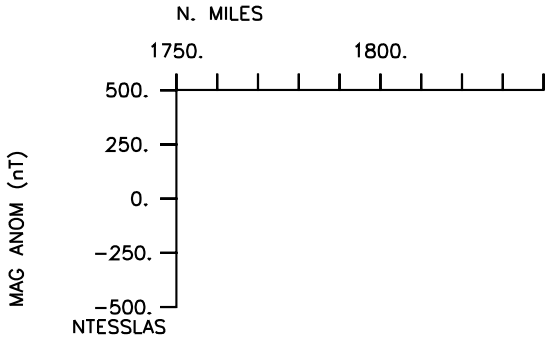
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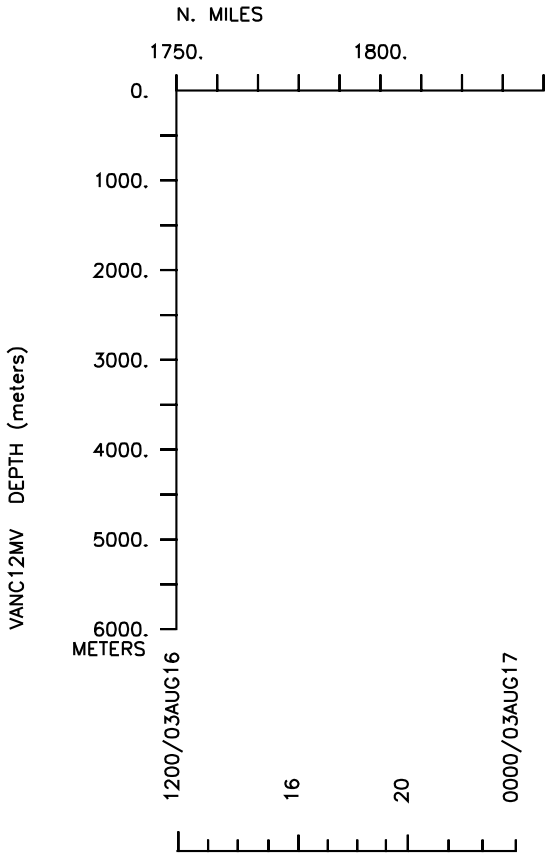
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1200/03AUG16
16
20
0000/03AUG17

```
#*** Ports ***

2232 080803    LGPT B Darwin, Australia         12-28.00S 130-51.00W f VANC12MV
2321 160803    LGPT E Cairns, Australia         16-55.00S 145-47.00E f VANC12MV


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

PECS SIX  Naar, D.             Chief scientist    Univ. of So. Florida VANC12MV
PESP SIX  Donahue, B.          Technician         Univ. of So. Florida VANC12MV
PESP SIX  Baltuck, M.          Scientist          U. S. Government     VANC12MV
PEOB AUS  Donohue, D.          Observer           Australia            VANC12MV
PEOB AUS  Johnson, P.          Observer           Australia            VANC12MV
PEVL SIX  Buck, A.             Volunteer          Scripps Institution  VANC12MV
PECT STS  Moe, R.              Computer tech.     Scripps Institution  VANC12MV

#*** 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 ***


#*** MultiBeam Data (vertical beam & sidescan) ***

0000 130803  0 MBSR B multibeam data        GDC 10-44.38S 145-31.71E g VANC12MV
1217 140803  0 MBSR E multibeam data        GDC 16-36.19S 146-16.01E g VANC12MV


#*** Integrated Meteorological Acquisition System ***

2232 080803  0 IMET B weather measurements  GDC 12-28.21S 130-51.01E g VANC12MV
2321 160803  0 IMET E weather measurements  GDC 16-55.64S 145-46.82E g VANC12MV


#*** Acoustic Doppler Current Profiler ***

2232 080803  0 ADCP B current measurements  GDC 12-28.21S 130-51.01E g VANC12MV
2321 160803  0 ADCP E current measurements  GDC 16-55.64S 145-46.82E g VANC12MV


#*** Expendable Bathythermographs ***

1316 130803  0 BTXP   MK21  #  1 Fast_Deep GDC  12-28.90S 147-03.08E g VANC12MV

#                     End Sample Index                                 VANC12MV
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