Report and Index of

Underway Marine Geophysical Data

Vancouver Expedition

Leg 29

(VANC29MV)

R/V Melville

(Issued Jul 2004)

Ports:
Port Moresby, Papua New Guinea (07-May-2004)
to
Port Moresby, Papua New Guinea (17-May-2004)

Chief Scientist: Chuck Nittrouer
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Computer Tech - Ronald L Moe
Resident Tech - Geoff Ravenhill

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.

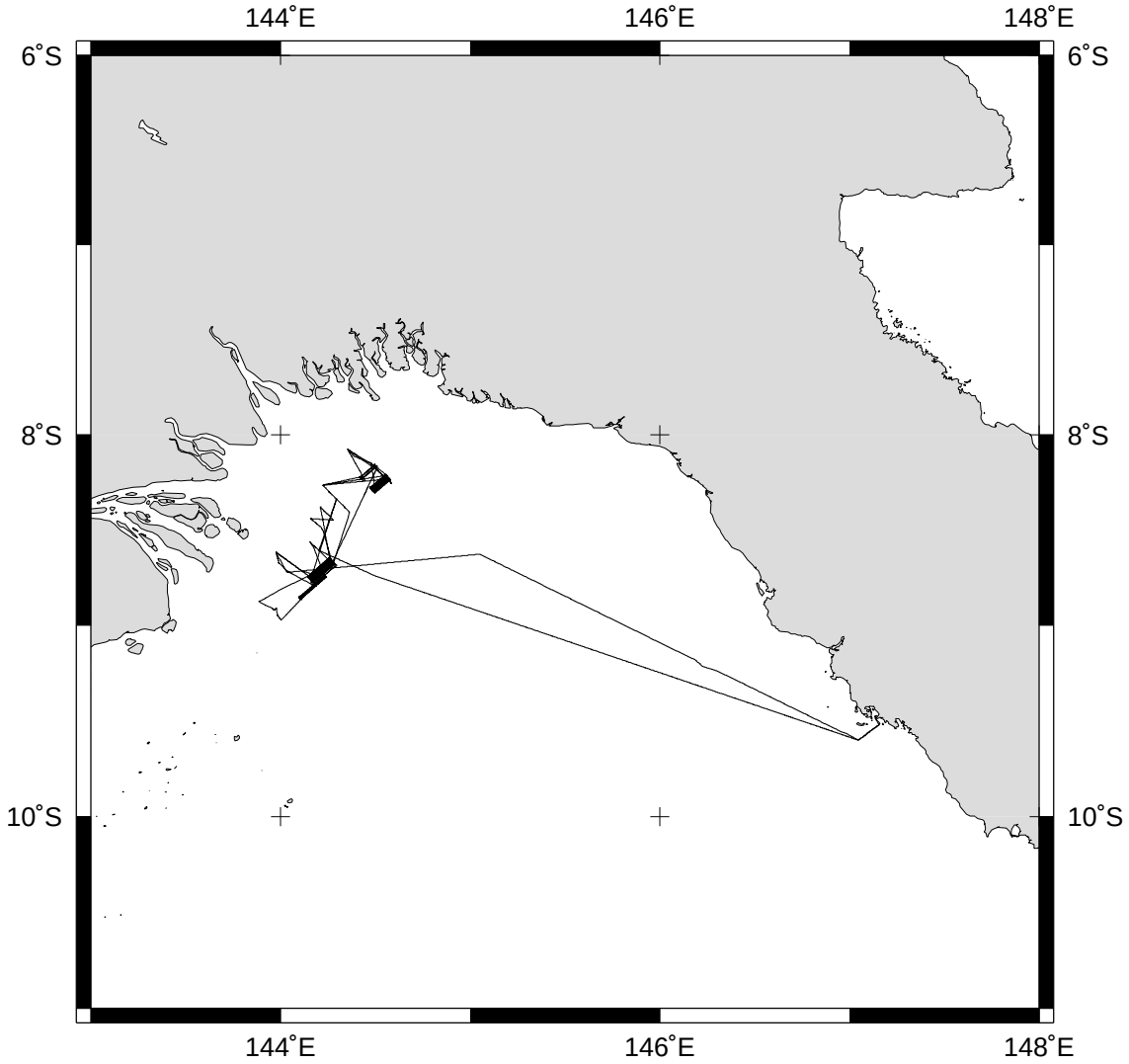
Profiles - depth, magnetic and gravity free air anomaly vs. distance.

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 29 (VANC29MV)

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CHIEF SCIENTIST: Chuck Nittrouer, University of Washington

PORTS: Port Moresby - Port Moresby, Papua New Guinea

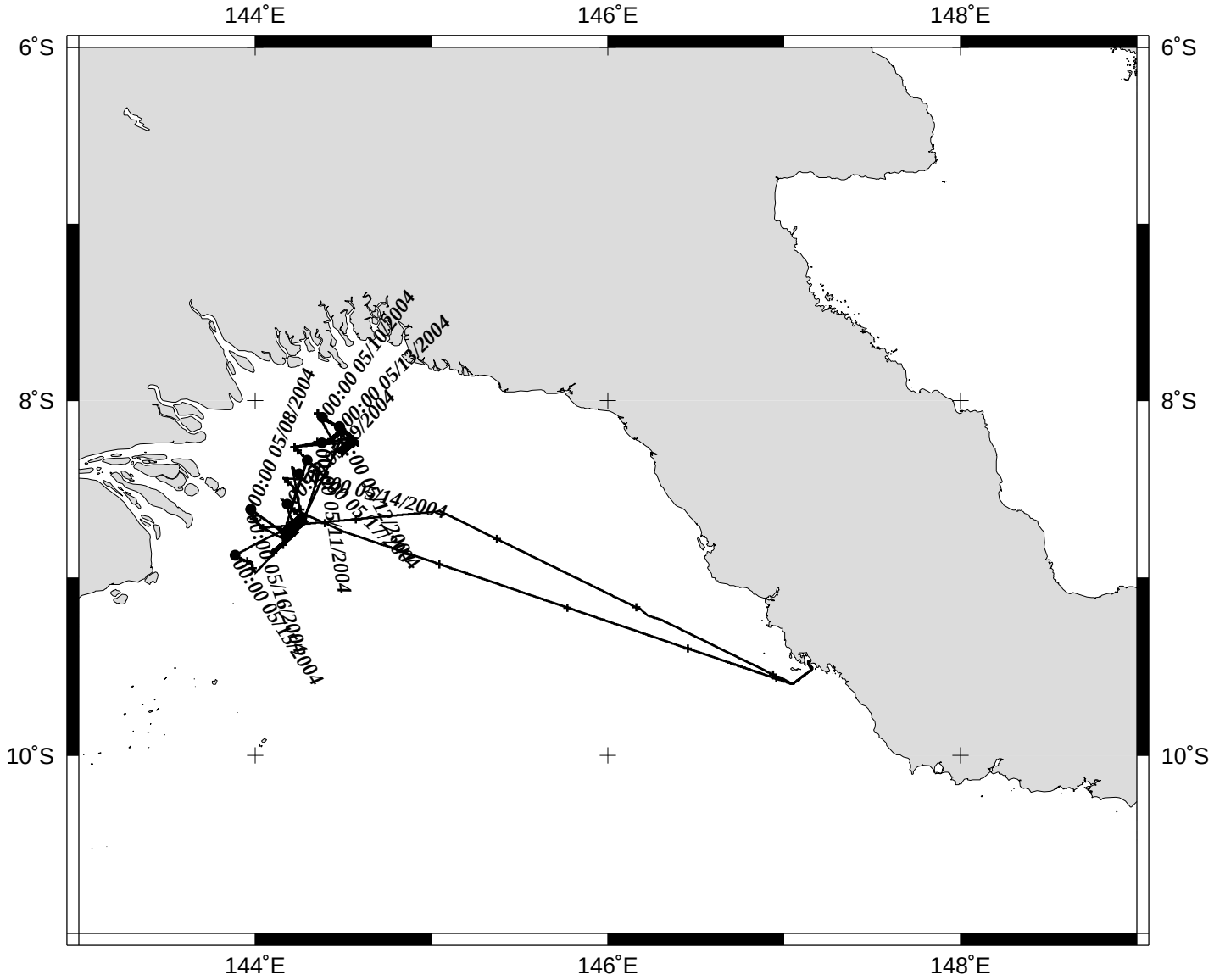
DATES: 7 - 17 May 2004

SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-1601 miles	**Magnetics-none collected**
Bathymetry-312 miles	**Seismic Reflection-none collected**
Multibeam-312 miles	**Gravity-1600 miles**

VANC29MV



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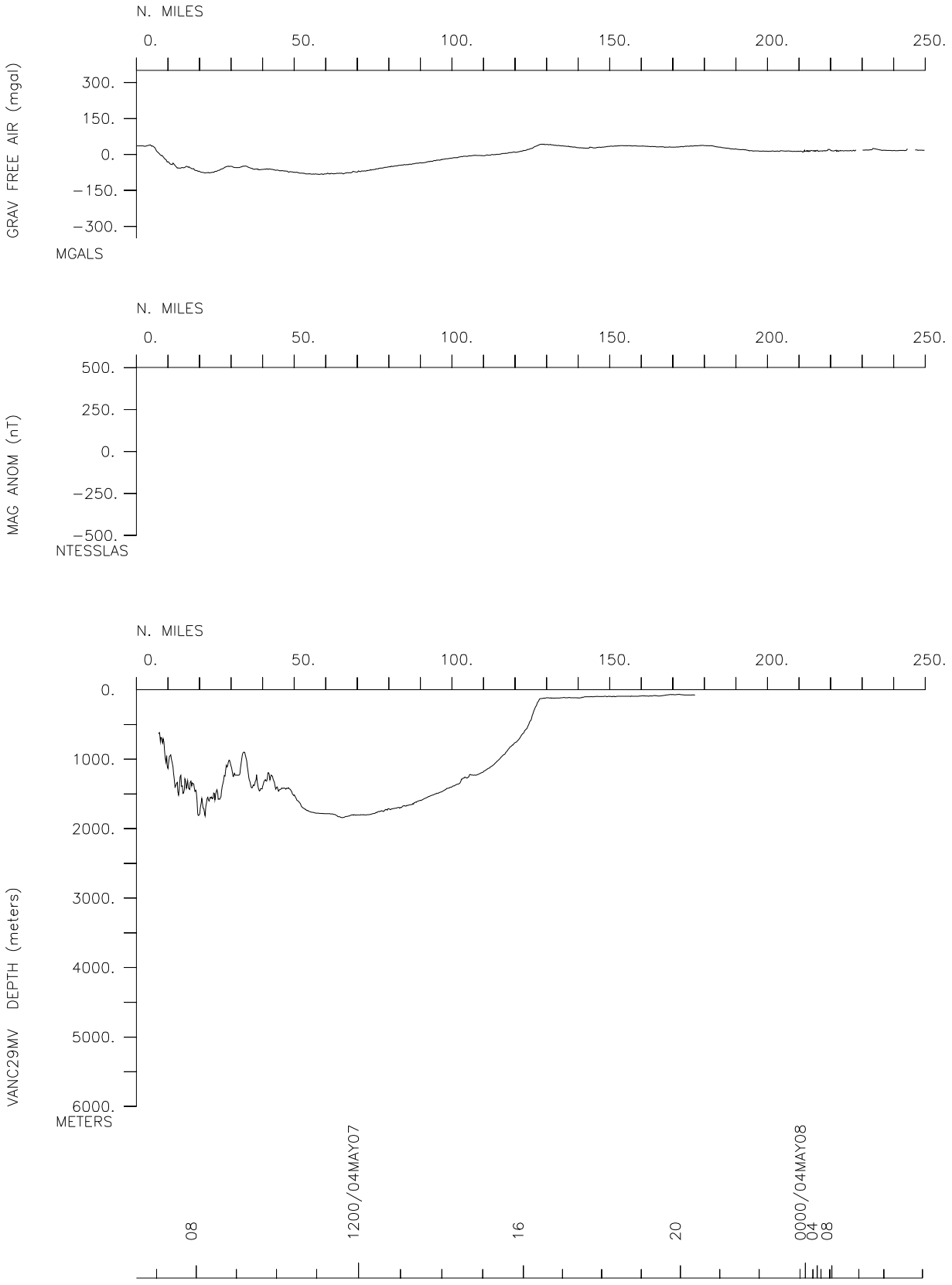
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MGALS
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16
20
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04
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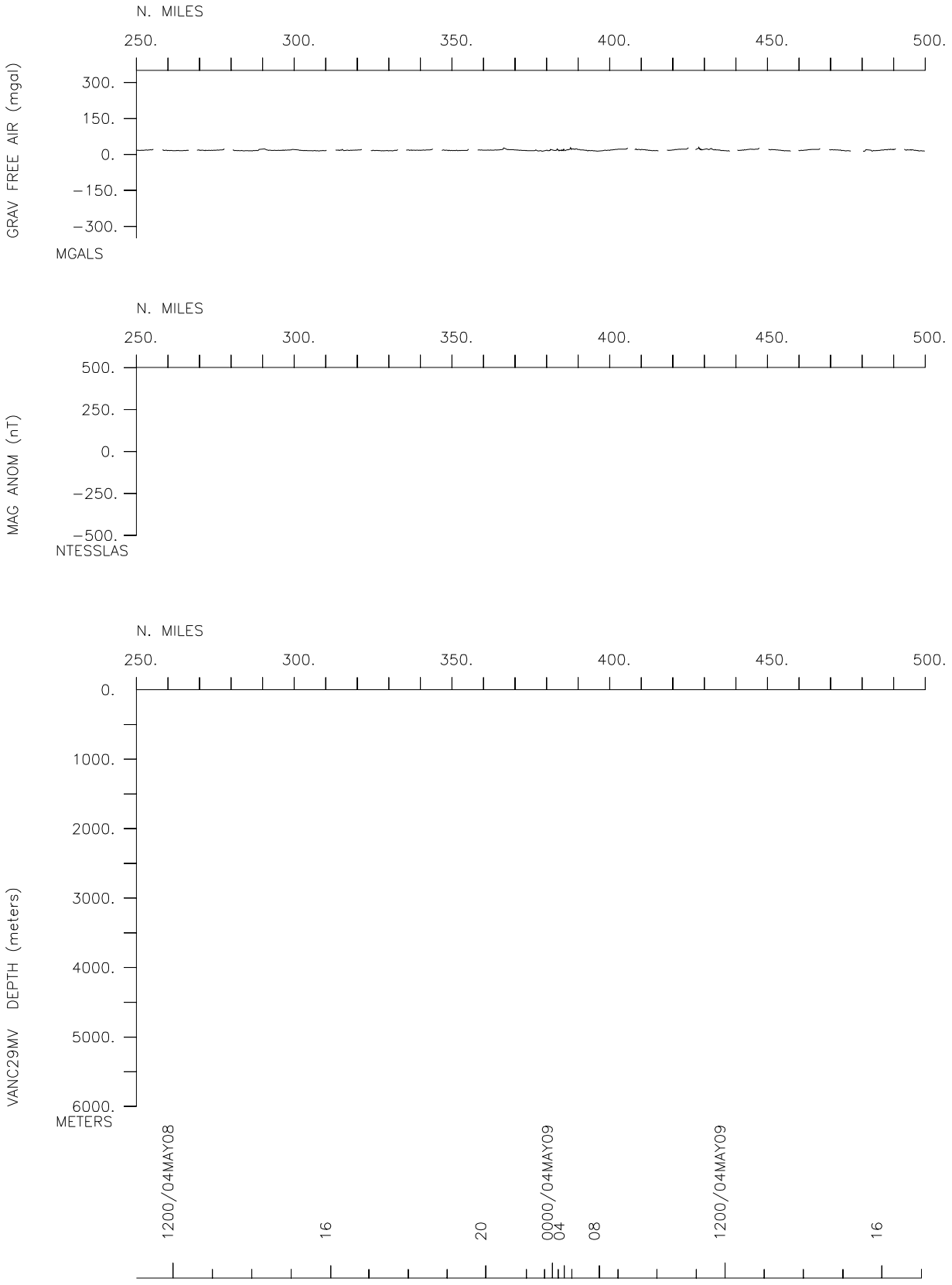
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N. MILES
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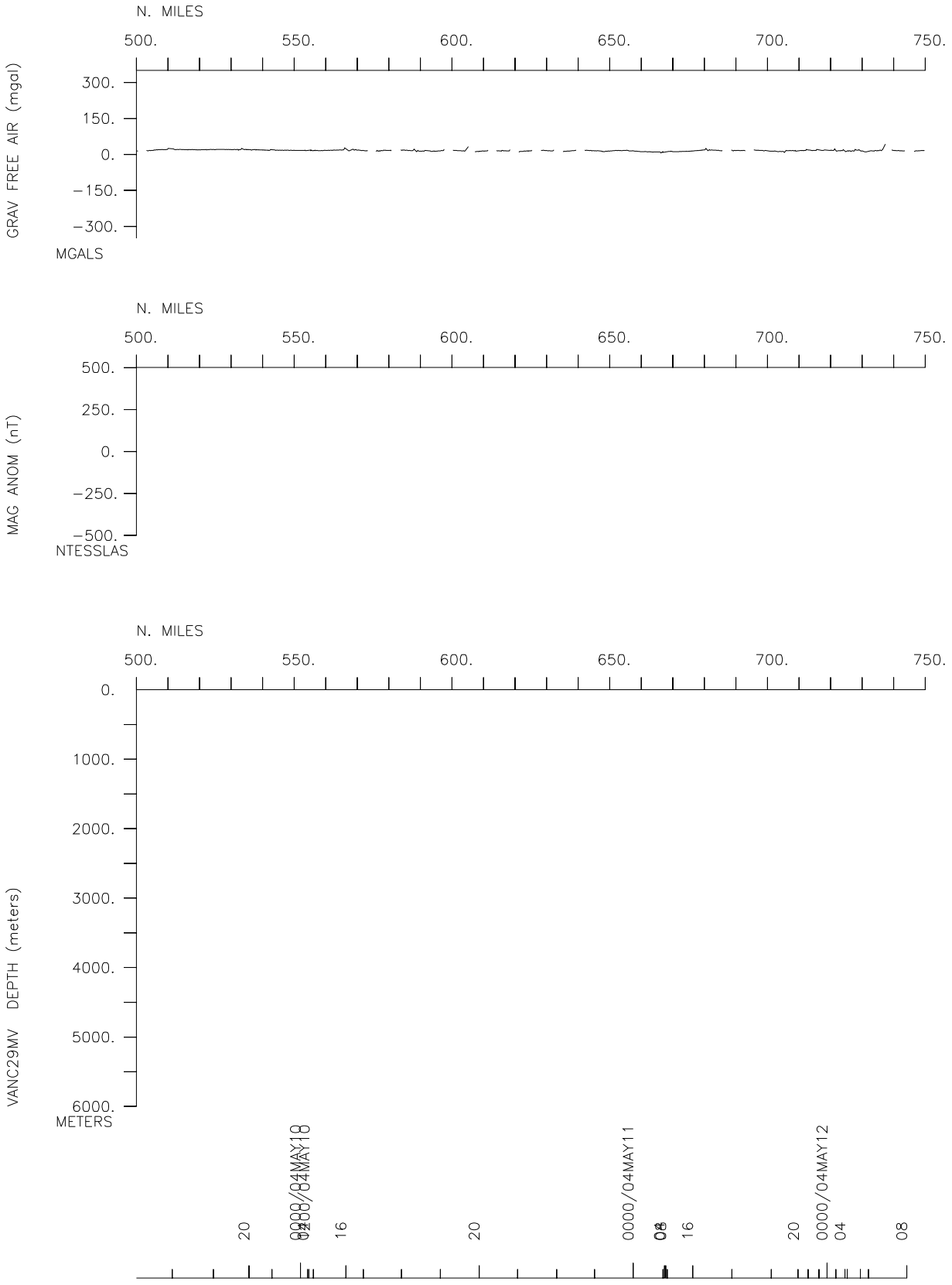
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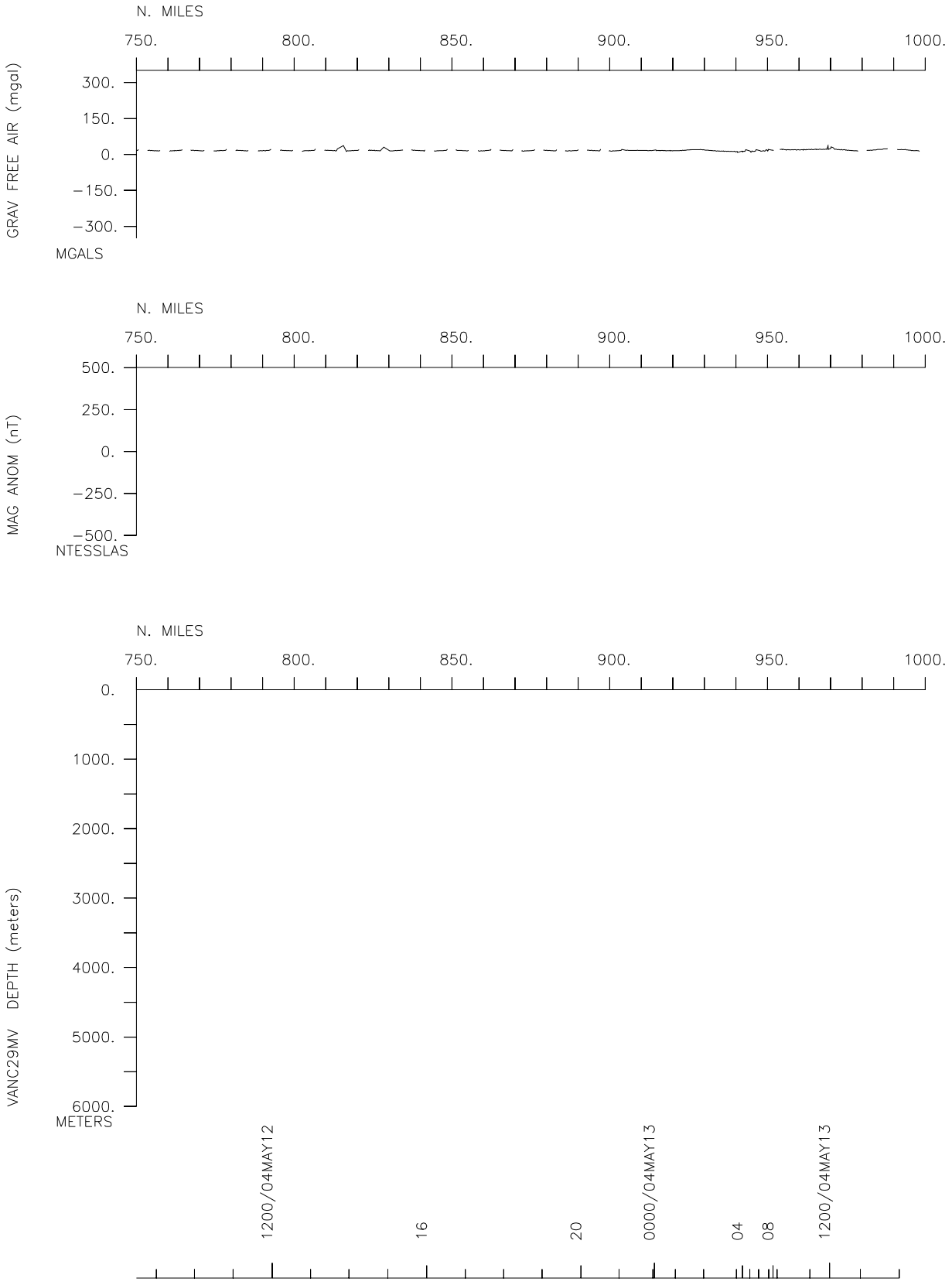
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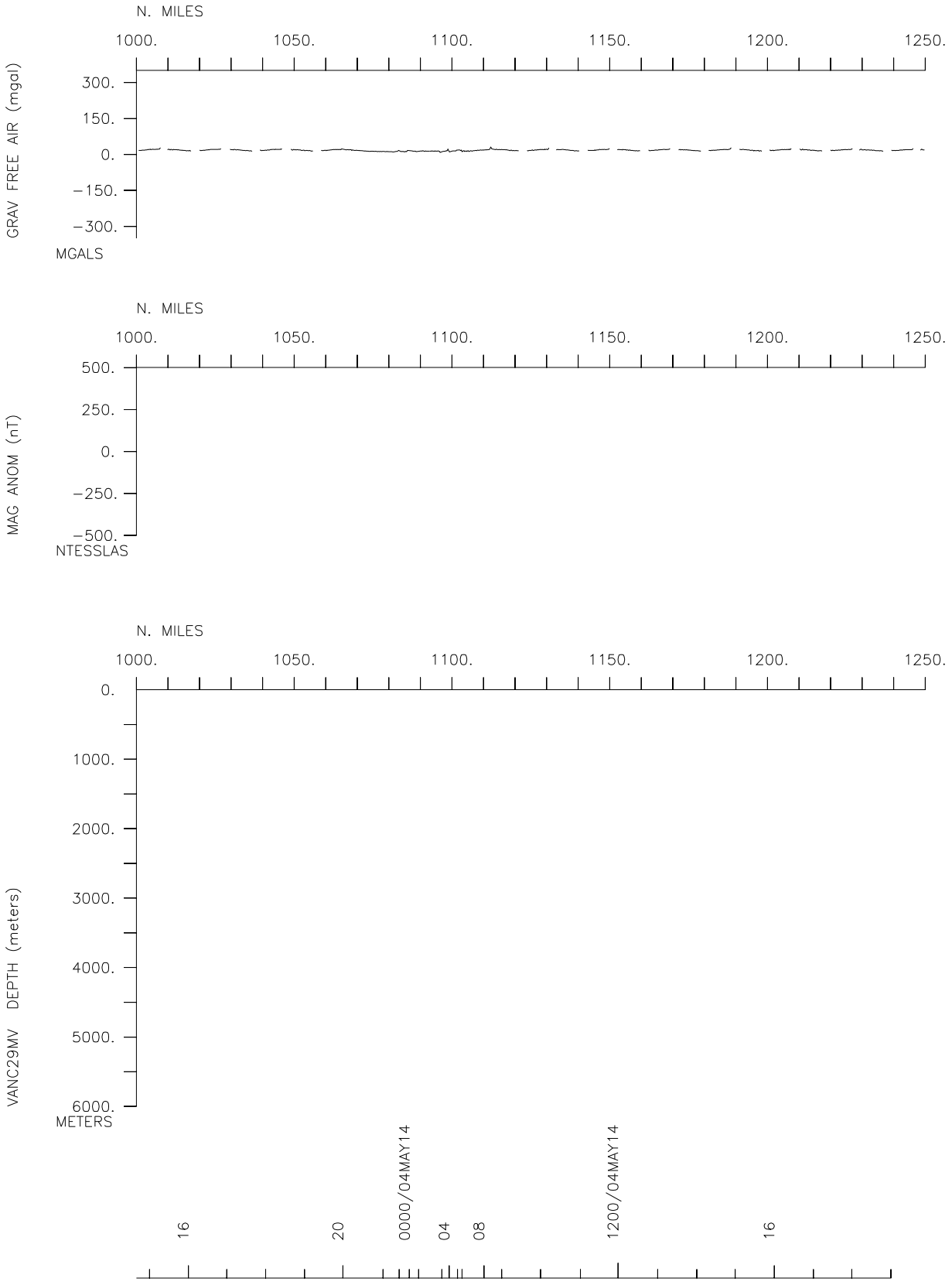
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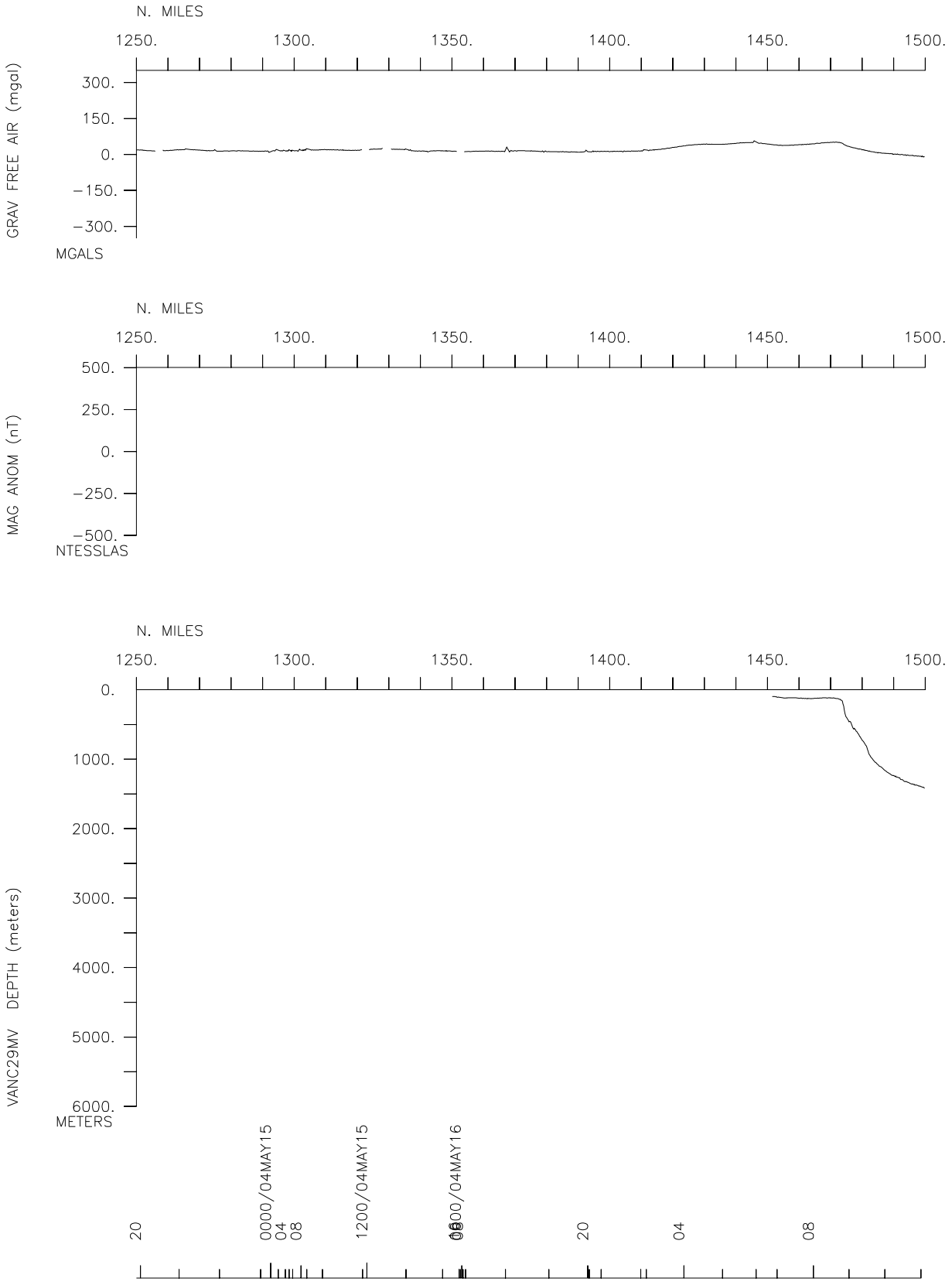
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METERS
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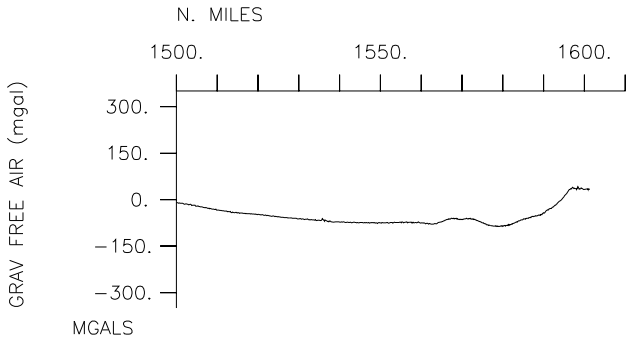
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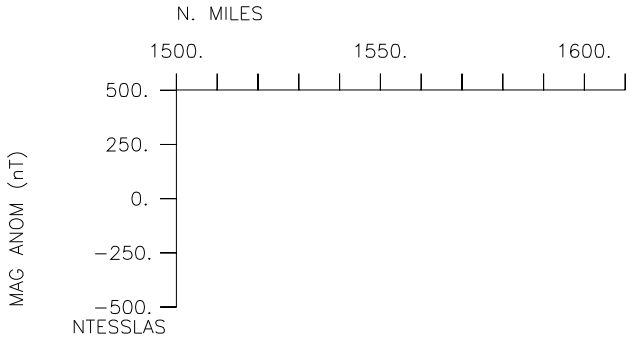
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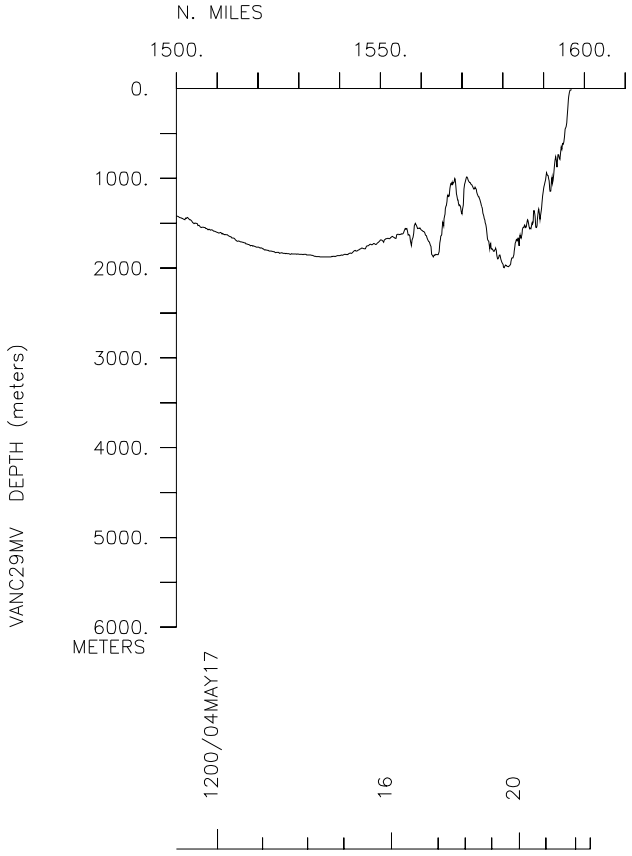
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METERS
1200/04MAY17
16
20

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#*** Ports ***

1600 070504  0 LGPT B Port Moresby, PNG.         9-28.00S 147-09.00E f VANC29MV
0800 170504  0 LGPT E Port Moresby, PNG.         9-28.00S 147-09.00E f VANC29MV


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

PECS UWA  Nittrouer, C.        Chief Scientist    Univ. of Washington  VANC29MV
PESP UWA  Ogston, A.           Scientist          Univ. of Washington  VANC29MV
PESP UWA  Aller, J.            Scientist          Univ. of Washington  VANC29MV
PEST UWA  Abramson, L.         Grad student       Univ. of Washington  VANC29MV
PEST UWA  Alexandratos, B.     Grad student       Univ. of Washington  VANC29MV
PESP SIX  McKinnon, D.         Scientist          AIMS                 VANC29MV
PEMT SIX  Moritz, S.           Technician         AIMS                 VANC29MV
PEST UWA  Crockett, J.         Grad student       Univ. of Washington  VANC29MV
PECT STS  Moe, R.              Computer Tech      Scripps Institution  VANC29MV
PEST SIX  Gaydos, D.           Grad student       Univ. South Florida  VANC29MV
PEST UWA  Palinkas, C.         Grad student       Univ. of Washington  VANC29MV
PEST UWA  Lomnicky, T.         Grad student       Univ. of Washington  VANC29MV
PEMT UWA  Feiger, G.           Technician         Univ. of Washington  VANC29MV
PEMT UWA  Nittrouer, D.        Technician         Univ. of Washington  VANC29MV
PEMT SIX  Monacci, N.          Technician         Univ. South Carolina VANC29MV
PEMT SIX  Donahue, B.          Technician         Univ. South Florida  VANC29MV
PEST SIX  Ciembronowiitcz, D.  Grad student       Univ. South Florida  VANC29MV
PEST SIX  Wolfson, M.          Grad student       Univ. South Florida  VANC29MV
PERT STS  Ravenhill, G.        Resident Tech      Scripps Institution  VANC29MV
PESP SIX  Mead, R.             Scientist          Univ. South Carolina VANC29MV
PEMT UWA  Presto, M.           Technician         Univ. of Washington  VANC29MV


#*** 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 ***

0558 070504  0 MBSR B v.beam & sidescan    GDC   9-28.59S 147-08.74E g VANC29MV
2150 170504  0 MBSR E v.beam & sidescan    GDC   9-31.43S 147-09.05E g VANC29MV


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

0631 070504  0 MBSR B v.beam & sidescan    GDC   9-29.53S 147-08.44E g VANC29MV
2144 170504  0 MBSR E v.beam & sidescan    GDC   9-31.79S 147-08.54E g VANC29MV


#*** Digital Gravity ***

0631 070504  0 GVDD B digital Gravity      GDC   9-29.53S 147-08.44E g VANC29MV
0800 170504  0 GVDD E digital Gravity      GDC   8-55.48S 145-02.77E g VANC29MV
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#TIME DATE  TZ CODE E IDENTIFIER           CODE LATITUDE  LONGITUDE  c LEG-SHIP
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#*** Integrated Meteorological Acquisition System ***

1600 070504  0 IMET B Weather Measurements GDC   8-46.99S 145-22.32E g VANC29MV
0800 170504  0 IMET E Weather Measurements GDC   8-55.48S 145-02.77E g VANC29MV


#*** Acoustic Doppler Current Profiler ***

1600 070504  0 ADCP B 300khz Current Meas. GDC   8-46.99S 145-22.32E g VANC29MV
0800 170504  0 ADCP E Current Measurements GDC   8-55.48S 145-02.77E g VANC29MV


#*** Echo Sounder Records ***

1600 260104  0 DPR3 B Echosounder 3.5kHz   GDC   9-28.59S 147-08.74E g VANC29MV
0800 170504  0 DPR3 E Echosounder 3.5kHz   GDC   8-55.48S 145-02.77E g VANC29MV


#*** Hydrocasts ***

2333 070504  0 HCXX   BLISP #115 17M       UWA   8-36.91S 143-58.53E g VANC29MV
0018 080504  0 HCXX   BLISP #116 16M       UWA   8-36.91S 143-58.53E g VANC29MV
0306 080504  0 HCXX   BLISP #117 20M       UWA   8-38.95S 143-59.09E g VANC29MV
0418 080504  0 HCXX   BLISP #118 23M       UWA   8-40.28S 143-59.50E g VANC29MV
0542 080504  0 HCXX   BLISP #119 34M       UWA   8-42.93S 144-02.18E g VANC29MV
2205 080504  0 HCXX   BLISP #120 15M       UWA   8-33.68S 144-09.21E g VANC29MV
2358 080504  0 HCXX   BLISP #121 21M       UWA   8-35.19S 144-10.89E g VANC29MV
0159 090504  0 HCXX   BLISP #122 27M       UWA   8-36.39S 144-12.15E g VANC29MV
0400 090504  0 HCXX   BLISP #123 40M       UWA   8-37.63S 144-13.43E g VANC29MV
0553 090504  0 HCXX   BLISP #124 61M       UWA   8-39.26S 144-15.12E g VANC29MV
0110 100504  0 HCXX   BLISP #125 13M       UWA   8-04.54S 144-21.26E g VANC29MV
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0233 110504  0 HCXX   BLISP #140 15M       UWA   8-15.81S 144-13.44E g VANC29MV
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0004 160504  0 HCXX   BLISP #183 17M       UWA   8-36.91S 143-58.53E g VANC29MV
0059 160504  0 HCXX   BLISP #184 18M       UWA   8-36.91S 143-58.53E g VANC29MV
0206 160504  0 HCXX   BLISP #185 18M       UWA   8-36.91S 143-58.53E g VANC29MV
0306 160504  0 HCXX   BLISP #186 18M       UWA   8-36.91S 143-58.53E g VANC29MV
0403 160504  0 HCXX   BLISP #187 17M       UWA   8-36.91S 143-58.53E g VANC29MV
0503 160504  0 HCXX   BLISP #188 17M       UWA   8-36.92S 143-58.53E g VANC29MV
0607 160504  0 HCXX   BLISP #189 16M       UWA   8-36.91S 143-58.53E g VANC29MV
0651 160504  0 HCXX   BLISP #190 16M       UWA   8-36.91S 143-58.53E g VANC29MV
0759 160504  0 HCXX   BLISP #191 18M       UWA   8-36.91S 143-58.53E g VANC29MV
0902 160504  0 HCXX   BLISP #192 25M       UWA   8-36.91S 143-58.53E g VANC29MV
1006 160504  0 HCXX   BLISP #193 19M       UWA   8-36.92S 143-58.53E g VANC29MV
1104 160504  0 HCXX   BLISP #194 19M       UWA   8-36.91S 143-58.53E g VANC29MV
1207 160504  0 HCXX   BLISP #195 19M       UWA   8-36.91S 143-58.53E g VANC29MV
1303 160504  0 HCXX   BLISP #196 16M       UWA   8-36.91S 143-58.53E g VANC29MV
1402 160504  0 HCXX   BLISP #197 17M       UWA   8-36.91S 143-58.53E g VANC29MV
1501 160504  0 HCXX   BLISP #198 17M       UWA   8-36.91S 143-58.53E g VANC29MV
1601 160504  0 HCXX   BLISP #199 17M       UWA   8-36.91S 143-58.53E g VANC29MV
2337 160504  0 HCXX   BLISP #200 31M       UWA   8-20.19S 144-17.73E g VANC29MV


#*** Conductivity, Temperature, Depth ***
#*** Samples to University of South Florida ***

0900 080504  0 TDXX   SV    #17            SIX   8-47.10S 144-10.21E g VANC29MV
0809 090504  0 TDXX   SV    #18            SIX   8-46.05S 144-09.87E g VANC29MV
1609 100504  0 TDXX   SV    #19            SIX   8-14.51S 144-26.88E g VANC29MV
0632 120504  0 TDXX   SV    #20            SIX   8-13.16S 144-33.28E g VANC29MV
1146 130504  0 TDXX   SV    #21            SIX   8-39.62S 144-16.85E g VANC29MV
0826 140504  0 TDXX   SV    #22            SIX   8-39.52S 144-15.96E g VANC29MV
1118 150504  0 TDXX   SV    #23            SIX   8-45.28S 144-12.96E g VANC29MV
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#GMT DDMMYY    SAMP B SAMPLE               DISP                        p CRUISE
#TIME DATE  TZ CODE E IDENTIFIER           CODE LATITUDE  LONGITUDE  c LEG-SHIP
#---------- -- ---- - -------------------- ---- --------- ---------- - --------

#*** Conductivity, Temperature, Depth ***
#*** Samples to University of South Carolina ***

2348 070504  0 TDCT   CTD   #73  13M       SIX   8-36.91S 143-58.53E g VANC29MV
0329 080504  0 TDCT   CTD   #74  16M       SIX   8-38.95S 143-59.09E g VANC29MV
0435 080504  0 TDCT   CTD   #75  19M       SIX   8-40.28S 143-59.50E g VANC29MV
0557 080504  0 TDCT   CTD   #76  26M       SIX   8-42.93S 144-02.18E g VANC29MV
2217 080504  0 TDCT   CTD   #77  11M       SIX   8-33.68S 144-09.21E g VANC29MV
0012 090504  0 TDCT   CTD   #78  18M       SIX   8-35.19S 144-10.89E g VANC29MV
0213 090504  0 TDCT   CTD   #79  21M       SIX   8-36.39S 144-12.15E g VANC29MV
0417 090504  0 TDCT   CTD   #80  33M       SIX   8-37.63S 144-13.43E g VANC29MV
0609 090504  0 TDCT   CTD   #81  55M       SIX   8-39.26S 144-15.12E g VANC29MV
2123 090504  0 TDCT   CTD   #82  30M       SIX   8-10.87S 144-30.28E g VANC29MV
0123 100504  0 TDCT   CTD   #83  10M       SIX   8-04.54S 144-21.26E g VANC29MV
0318 100504  0 TDCT   CTD   #84  10M       SIX   8-04.54S 144-21.26E g VANC29MV
0516 100504  0 TDCT   CTD   #85  10M       SIX   8-04.54S 144-21.26E g VANC29MV
0708 100504  0 TDCT   CTD   #86  10M       SIX   8-04.54S 144-21.26E g VANC29MV
0913 100504  0 TDCT   CTD   #87  10M       SIX   8-04.54S 144-21.26E g VANC29MV
1116 100504  0 TDCT   CTD   #88  10M       SIX   8-04.54S 144-21.26E g VANC29MV
1314 100504  0 TDCT   CTD   #89  09M       SIX   8-04.54S 144-21.26E g VANC29MV
0142 110504  0 TDCT   CTD   #90  09M       SIX   8-15.81S 144-13.44E g VANC29MV
0346 110504  0 TDCT   CTD   #91  09M       SIX   8-15.81S 144-13.44E g VANC29MV
0546 110504  0 TDCT   CTD   #92  11M       SIX   8-15.81S 144-13.44E g VANC29MV
0745 110504  0 TDCT   CTD   #93  10M       SIX   8-15.81S 144-13.44E g VANC29MV
0945 110504  0 TDCT   CTD   #94  11M       SIX   8-15.81S 144-13.44E g VANC29MV
1144 110504  0 TDCT   CTD   #95  10M       SIX   8-15.81S 144-13.44E g VANC29MV
1343 110504  0 TDCT   CTD   #96  10M       SIX   8-15.81S 144-13.44E g VANC29MV
2012 110504  0 TDCT   CTD   #97  10M       SIX   8-04.54S 144-21.26E g VANC29MV
2153 110504  0 TDCT   CTD   #98  14M       SIX   8-06.68S 144-23.30E g VANC29MV
2301 110504  0 TDCT   CTD   #99  16M       SIX   8-07.96S 144-26.35E g VANC29MV
0004 120504  0 TDCT   CTD   #100 18M       SIX   8-08.85S 144-28.61E g VANC29MV
0214 120504  0 TDCT   CTD   #101 29M       SIX   8-10.92S 144-30.37E g VANC29MV
0328 120504  0 TDCT   CTD   #102 48M       SIX   8-12.76S 144-32.49E g VANC29MV
0533 120504  0 TDCT   CTD   #103 72M       SIX   8-15.28S 144-35.12E g VANC29MV
2216 120504  0 TDCT   CTD   #104 19M       SIX   8-08.85S 144-28.61E g VANC29MV
0335 130504  0 TDCT   CTD   #105 10M       SIX   8-15.80S 144-13.44E g VANC29MV
0440 130504  0 TDCT   CTD   #106 13M       SIX   8-17.97S 144-15.47E g VANC29MV
0544 130504  0 TDCT   CTD   #107 24M       SIX   8-20.18S 144-17.68E g VANC29MV
0650 130504  0 TDCT   CTD   #108 43M       SIX   8-22.54S 144-20.12E g VANC29MV
0839 130504  0 TDCT   CTD   #109 60M       SIX   8-24.37S 144-21.90E g VANC29MV
2210 130504  0 TDCT   CTD   #110 12M       SIX   8-22.72S 144-12.69E g VANC29MV
2323 130504  0 TDCT   CTD   #111 16M       SIX   8-24.88S 144-14.87E g VANC29MV
0109 140504  0 TDCT   CTD   #112 28M       SIX   8-26.88S 144-16.79E g VANC29MV
0327 140504  0 TDCT   CTD   #113 09M       SIX   8-26.31S 144-09.50E g VANC29MV
0429 140504  0 TDCT   CTD   #114 17M       SIX   8-27.68S 144-11.08E g VANC29MV
0633 140504  0 TDCT   CTD   #115 29M       SIX   8-30.34S 144-13.57E g VANC29MV
2349 140504  0 TDCT   CTD   #116 11M       SIX   8-52.44S 143-53.17E g VANC29MV
0056 150504  0 TDCT   CTD   #117 21M       SIX   8-53.55S 143-55.20E g VANC29MV
0212 150504  0 TDCT   CTD   #118 48M       SIX   8-54.46S 143-57.25E g VANC29MV
1518 150504  0 TDCT   CTD   #119 13M       SIX   8-36.92S 143-58.53E g VANC29MV
1716 150504  0 TDCT   CTD   #120 13M       SIX   8-36.92S 143-58.53E g VANC29MV
1910 150504  0 TDCT   CTD   #121 15M       SIX   8-36.91S 143-58.53E g VANC29MV
2110 150504  0 TDCT   CTD   #122 16M       SIX   8-36.91S 143-58.53E g VANC29MV
2317 150504  0 TDCT   CTD   #123 14M       SIX   8-36.91S 143-58.53E g VANC29MV
0111 160504  0 TDCT   CTD   #124 13M       SIX   8-36.91S 143-58.53E g VANC29MV
0318 160504  0 TDCT   CTD   #125 14M       SIX   8-36.91S 143-58.53E g VANC29MV
0514 160504  0 TDCT   CTD   #126 11M       SIX   8-36.91S 143-58.53E g VANC29MV
0659 160504  0 TDCT   CTD   #127 13M       SIX   8-36.91S 143-58.52E g VANC29MV
0911 160504  0 TDCT   CTD   #128 13M       SIX   8-36.91S 143-58.53E g VANC29MV
1117 160504  0 TDCT   CTD   #129 14M       SIX   8-36.92S 143-58.53E g VANC29MV
1313 160504  0 TDCT   CTD   #130 14M       SIX   8-36.92S 143-58.53E g VANC29MV
1515 160504  0 TDCT   CTD   #131 14M       SIX   8-36.91S 143-58.53E g VANC29MV
0608 170504  0 TDCT   CTD   #132 84M       SIX   8-49.59S 144-45.37E g VANC29MV
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#GMT DDMMYY    SAMP B SAMPLE               DISP                        p CRUISE
#TIME DATE  TZ CODE E IDENTIFIER           CODE LATITUDE  LONGITUDE  c LEG-SHIP
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#*** Box Cores ***

0033 080504  0 COBX   BOX   #79  18M       UWA   8-36.91S 143-58.53E g VANC29MV
0100 080504  0 COBX   BOX   #80  16M       UWA   8-36.91S 143-58.53E g VANC29MV
0623 080504  0 COBX   BOX   #81  31M       UWA   8-42.93S 144-02.18E g VANC29MV
0639 080504  0 COBX   BOX   #82  33M       UWA   8-42.93S 144-02.18E g VANC29MV
0655 080504  0 COBX   BOX   #83  31M       UWA   8-42.93S 144-02.18E g VANC29MV
2242 080504  0 COBX   BOX   #84  17M       UWA   8-33.68S 144-09.21E g VANC29MV
0049 090504  0 COBX   BOX   #85  19M       UWA   8-35.19S 144-10.90E g VANC29MV
0235 090504  0 COBX   BOX   #86  25M       UWA   8-36.39S 144-12.15E g VANC29MV
0453 090504  0 COBX   BOX   #87  38M       UWA   8-37.63S 144-13.43E g VANC29MV
0624 090504  0 COBX   BOX   #88  60M       UWA   8-39.26S 144-15.11E g VANC29MV
2210 090504  0 COBX   BOX   #89  34M       UWA   8-10.86S 144-30.27E g VANC29MV
0222 100504  0 COBX   BOX   #90  15M       UWA   8-04.54S 144-21.26E g VANC29MV
0414 100504  0 COBX   BOX   #91  13M       UWA   8-04.54S 144-21.26E g VANC29MV
0611 100504  0 COBX   BOX   #92  13M       UWA   8-04.54S 144-21.26E g VANC29MV
0816 100504  0 COBX   BOX   #93  12M       UWA   8-04.54S 144-21.26E g VANC29MV
1013 100504  0 COBX   BOX   #94  13M       UWA   8-04.54S 144-21.26E g VANC29MV
1203 100504  0 COBX   BOX   #95  13M       UWA   8-04.53S 144-21.26E g VANC29MV
1418 100504  0 COBX   BOX   #96  14M       UWA   8-04.54S 144-21.26E g VANC29MV
0247 110504  0 COBX   BOX   #97  13M       UWA   8-15.81S 144-13.44E g VANC29MV
0448 110504  0 COBX   BOX   #98  14M       UWA   8-15.80S 144-13.44E g VANC29MV
0641 110504  0 COBX   BOX   #99  14M       UWA   8-15.81S 144-13.44E g VANC29MV
0840 110504  0 COBX   BOX   #100 16M       UWA   8-15.81S 144-13.44E g VANC29MV
1044 110504  0 COBX   BOX   #101 15M       UWA   8-15.81S 144-13.44E g VANC29MV
1249 110504  0 COBX   BOX   #102 15M       UWA   8-15.81S 144-13.44E g VANC29MV
1442 110504  0 COBX   BOX   #103 14M       UWA   8-15.81S 144-13.44E g VANC29MV
2030 110504  0 COBX   BOX   #104 15M       UWA   8-04.54S 144-21.26E g VANC29MV
0101 120504  0 COBX   BOX   #105 22M       UWA   8-08.84S 144-28.61E g VANC29MV
0344 120504  0 COBX   BOX   #106 52M       UWA   8-12.76S 144-32.49E g VANC29MV
0403 120504  0 COBX   BOX   #107 52M       UWA   8-12.76S 144-32.49E g VANC29MV
2303 120504  0 COBX   BOX   #108 26M       UWA   8-08.85S 144-28.61E g VANC29MV
0058 130504  0 COBX   BOX   #109 59M       UWA   8-13.90S 144-33.26E g VANC29MV
0706 130504  0 COBX   BOX   #110 49M       UWA   8-22.55S 144-20.11E g VANC29MV
0928 130504  0 COBX   BOX   #111 65M       UWA   8-24.37S 144-21.89E g VANC29MV
2341 130504  0 COBX   BOX   #112 16M       UWA   8-24.88S 144-14.87E g VANC29MV
0146 140504  0 COBX   BOX   #113 34M       UWA   8-26.87S 144-16.79E g VANC29MV
0443 140504  0 COBX   BOX   #114 19M       UWA   8-27.67S 144-11.08E g VANC29MV
0707 140504  0 COBX   BOX   #115 37M       UWA   8-30.34S 144-13.57E g VANC29MV
0244 150504  0 COBX   BOX   #116 52M       UWA   8-54.46S 143-57.25E g VANC29MV
0511 150504  0 COBX   BOX   #117 68M       UWA   8-55.20S 143-57.99E g VANC29MV
0557 150504  0 COBX   BOX   #118 58M       UWA   8-54.51S 143-58.73E g VANC29MV
0812 150504  0 COBX   BOX   #119 71M       UWA   8-56.84S 143-59.14E g VANC29MV
0900 150504  0 COBX   BOX   #120 69M       UWA   8-58.31S 144-00.19E g VANC29MV
1614 150504  0 COBX   BOX   #121 15M       UWA   8-36.91S 143-58.53E g VANC29MV
1811 150504  0 COBX   BOX   #122 16M       UWA   8-36.91S 143-58.53E g VANC29MV
2011 150504  0 COBX   BOX   #123 17M       UWA   8-36.91S 143-58.53E g VANC29MV
2216 150504  0 COBX   BOX   #124 19M       UWA   8-36.91S 143-58.53E g VANC29MV
0015 160504  0 COBX   BOX   #125 19M       UWA   8-36.92S 143-58.53E g VANC29MV
0217 160504  0 COBX   BOX   #126 19M       UWA   8-36.91S 143-58.53E g VANC29MV
0414 160504  0 COBX   BOX   #127 16M       UWA   8-36.91S 143-58.53E g VANC29MV
0617 160504  0 COBX   BOX   #128 17M       UWA   8-36.91S 143-58.53E g VANC29MV
0808 160504  0 COBX   BOX   #129 18M       UWA   8-36.91S 143-58.53E g VANC29MV
0826 160504  0 COBX   BOX   #130 18M       UWA   8-36.91S 143-58.53E g VANC29MV
1018 160504  0 COBX   BOX   #131 19M       UWA   8-36.91S 143-58.53E g VANC29MV
1219 160504  0 COBX   BOX   #132 18M       UWA   8-36.91S 143-58.53E g VANC29MV
1414 160504  0 COBX   BOX   #133 17M       UWA   8-36.91S 143-58.53E g VANC29MV
1613 160504  0 COBX   BOX   #134 16M       UWA   8-36.91S 143-58.53E g VANC29MV
2352 160504  0 COBX   BOX   #135 31M       UWA   8-20.19S 144-17.73E g VANC29MV
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#GMT DDMMYY    SAMP B SAMPLE               DISP                        p CRUISE
#TIME DATE  TZ CODE E IDENTIFIER           CODE LATITUDE  LONGITUDE  c LEG-SHIP
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#*** Multi Cores ***

0123 080504  0 COMC   MULTI #24  18M       SIX   8-36.92S 143-58.53E g VANC29MV
2308 080504  0 COMC   MULTI #25  14M       SIX   8-33.68S 144-09.21E g VANC29MV
0027 090504  0 COMC   MULTI #26  19M       SIX   8-35.19S 144-10.89E g VANC29MV
0304 090504  0 COMC   MULTI #27  27M       SIX   8-36.39S 144-12.15E g VANC29MV
0434 090504  0 COMC   MULTI #28  39M       SIX   8-37.63S 144-13.43E g VANC29MV
0646 090504  0 COMC   MULTI #29  61M       SIX   8-39.26S 144-15.11E g VANC29MV
2145 090504  0 COMC   MULTI #30  45M       SIX   8-10.86S 144-30.27E g VANC29MV
2059 110504  0 COMC   MULTI #31  15M       SIX   8-04.54S 144-21.26E g VANC29MV
0037 120504  0 COMC   MULTI #32  21M       SIX   8-08.85S 144-28.61E g VANC29MV
0434 120504  0 COMC   MULTI #33  54M       SIX   8-12.76S 144-32.49E g VANC29MV
2239 120504  0 COMC   MULTI #34  25M       SIX   8-08.85S 144-28.61E g VANC29MV
0733 130504  0 COMC   MULTI #35  47M       SIX   8-22.55S 144-20.12E g VANC29MV
0900 130504  0 COMC   MULTI #36  60M       SIX   8-24.37S 144-21.89E g VANC29MV
0006 140504  0 COMC   MULTI #37  19M       SIX   8-24.88S 144-14.87E g VANC29MV
0125 140504  0 COMC   MULTI #38  33M       SIX   8-26.87S 144-16.79E g VANC29MV
0529 140504  0 COMC   MULTI #39  18M       SIX   8-27.68S 144-11.08E g VANC29MV
0647 140504  0 COMC   MULTI #40  34M       SIX   8-30.34S 144-13.57E g VANC29MV
0316 150504  0 COMC   MULTI #41  50M       SIX   8-54.46S 143-57.25E g VANC29MV


#*** Piston Cores ***

0207 080504  0 COPS   PSTN  #4   10M       UWA   8-36.92S 143-58.52E g VANC29MV
2246 090504  0 COPS   PSTN  #5   34M       UWA   8-10.86S 144-30.27E g VANC29MV
2338 120504  0 COPS   PSTN  #6   26M       UWA   8-08.85S 144-28.61E g VANC29MV
0232 170504  0 COPS   PSTN  #7   13M       UWA   8-36.39S 144-12.15E g VANC29MV


#*** Kasten Cores ***

0348 150504  0 COKS   Kstn  #1   51M       UWA   8-54.46S 143-57.25E g VANC29MV
0437 150504  0 COKS   Kstn  #2   68M       UWA   8-55.20S 143-57.99E g VANC29MV
0625 150504  0 COKS   Kstn  #3   58M       UWA   8-54.51S 143-58.73E g VANC29MV
0744 150504  0 COKS   Kstn  #4   74M       UWA   8-56.84S 143-59.14E g VANC29MV


#*** Current Meter ***
#*** Sample to AIMS ***

0738 080504  0 CMXX   BRUCE Mooring    30M SIX   8-42.93S 144-02.18E g VANC29MV


#*** Current Meter Sensor ***

2257 160504  0 CMXX   Tripod A Recovered   UWA   8-20.20S 144-17.75E g VANC29MV


#***Expendable Bathythermographs ***

0802 070504  0 BTXP   MK21  # 18 Fast_Deep GDC   9-32.64S 146-55.90E g VANC29MV

#                     End Sample Index                                 VANC29MV
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