Report and Index of

Underway Marine Geophysical Data

Long Range Ocean Acoustic Propagation Experiment

Leg 01

(LFEX01MV)

R/V Melville

(Issued Jan 2005)

Ports:
San Diego, CA (10-Sep-2004)
to
Honolulu, HI (10-Oct-2004)

Chief Scientist: James Mercer
University of Washington
mercer@apl.washington.edu

Computer Tech - Geoff Davis
Resident Tech - Bob Wilson

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#303

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.

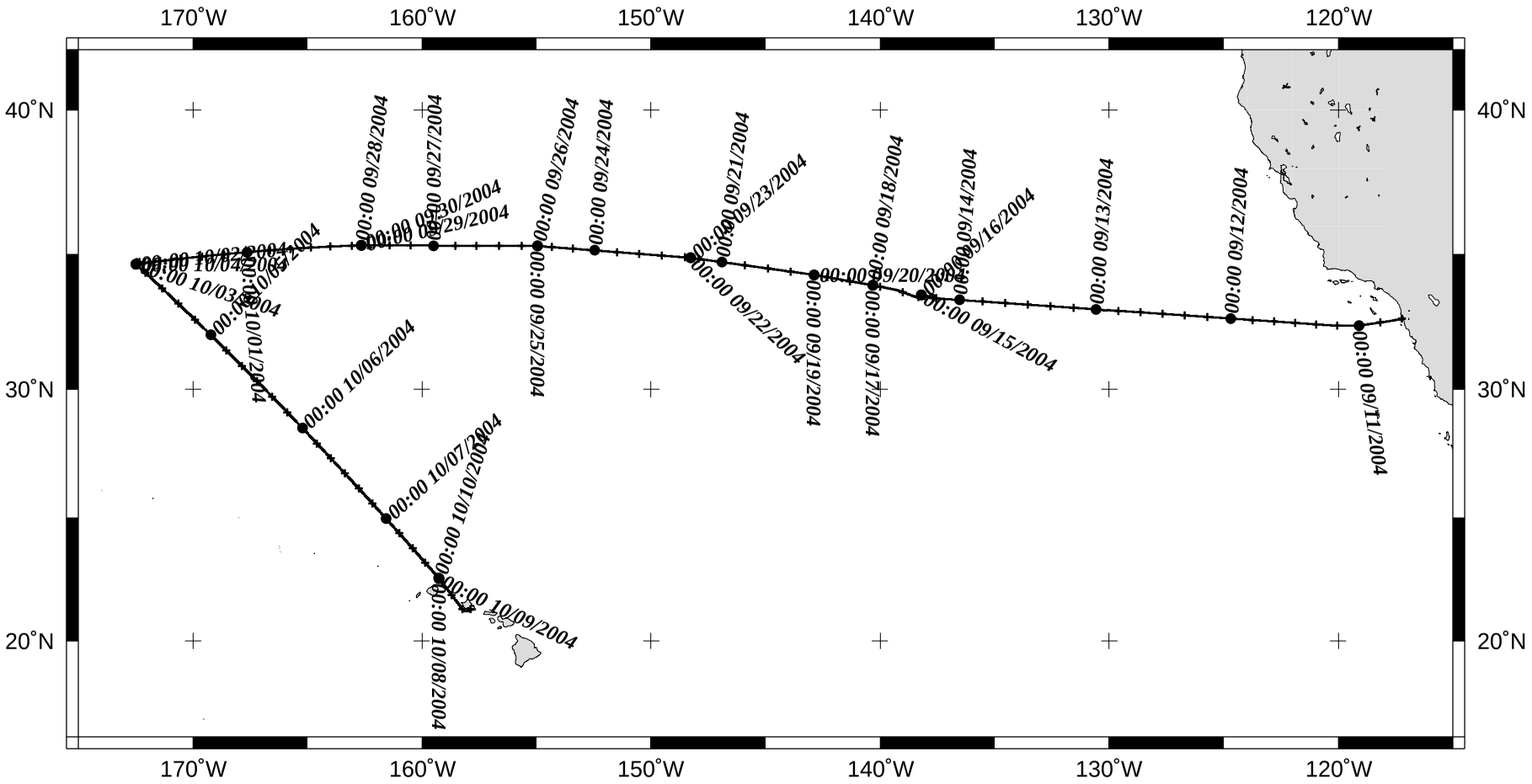
Sample Index - list of begin/end times and positions of all underway records as well as samples and measurements from other disciplines collected on the leg.

Note:
For information on the availability of this current digital data as well as archived digital data contact:

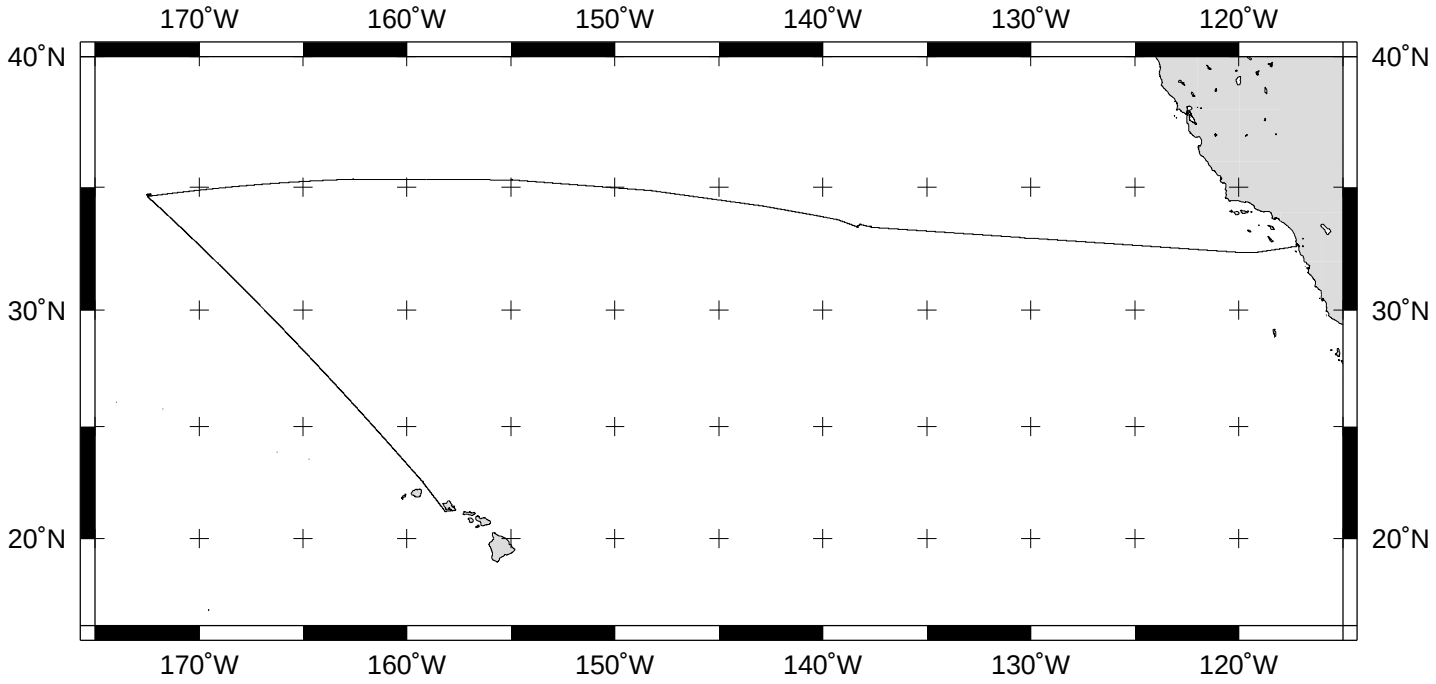
Stephen P. Miller
Geological Data Center
Scripps Institution of Oceanography
La Jolla, California 92093-0220
Phone: (858) 534-1898
Internet email: spmiller@ucsd.edu; or his website: http://SIOExplorer@ucsd.edu

Rev 05/2002

LFEX01MV



GMT 2005 Jan 11 14:54:11 **:San Diego, California to Honolulu, Hawaii 10 September - 10 October 2004:**



Long Range Ocean Acoustic Propagation Experiment (LFEX01MV)

==========

CHIEF SCIENTIST: James Mercer, University of Washington

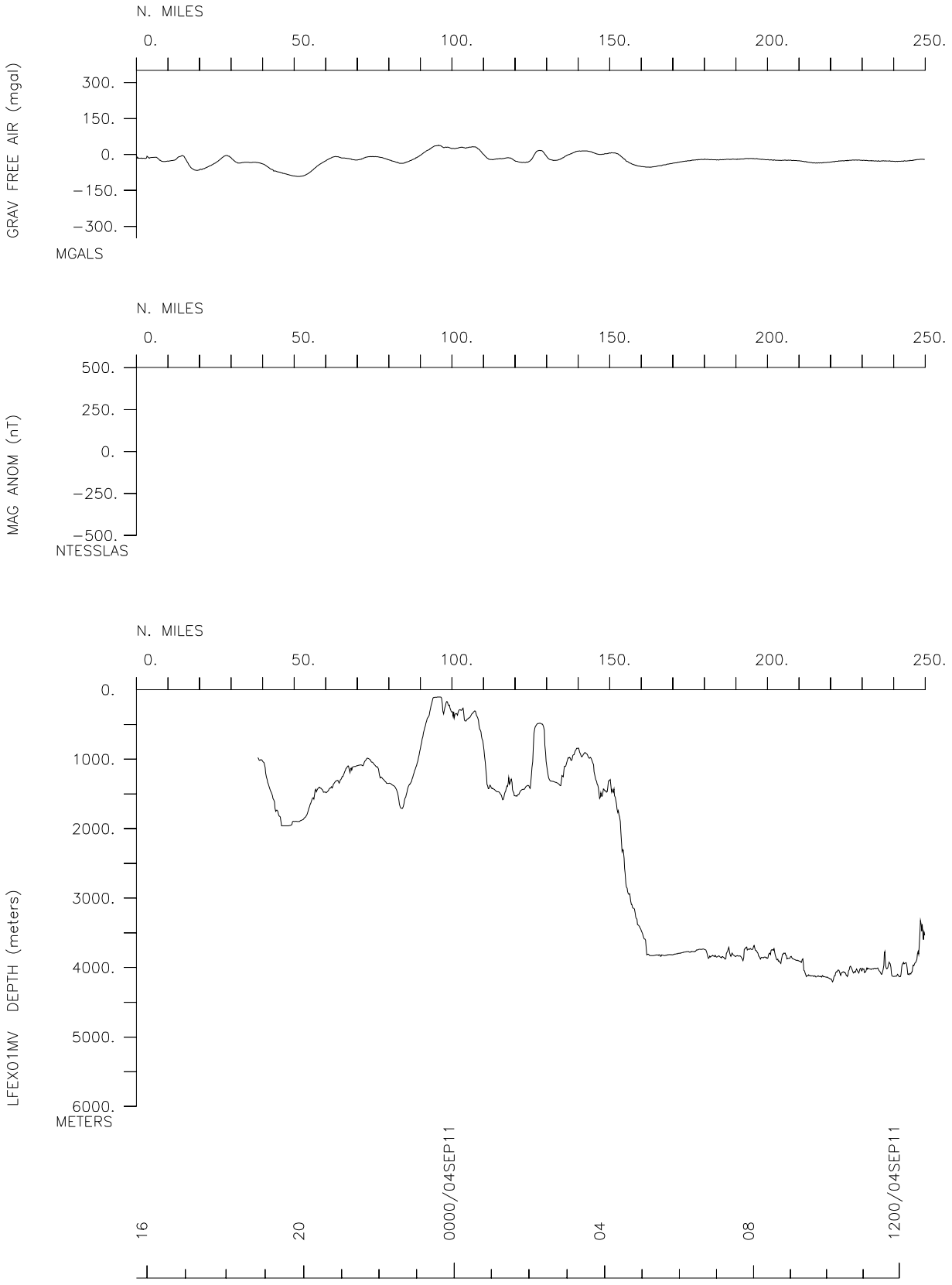
PORTS:San Diego, Calif - Honolulu, Hawaii

DATES: 10 September - 10 October 2004

SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-3979 miles	**Magnetics-none collected**
Bathymetry-3726 miles	**Seismic Reflection-none collected**
Multibeam-3726 miles	**Gravity-3979 miles**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50.
100.
150.
200.
250.
GRAV FREE AIR (mgal)
300.
150.
0.
−150.
−300.
MGALS
N. MILES
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
LFEX01MV DEPTH (meters)
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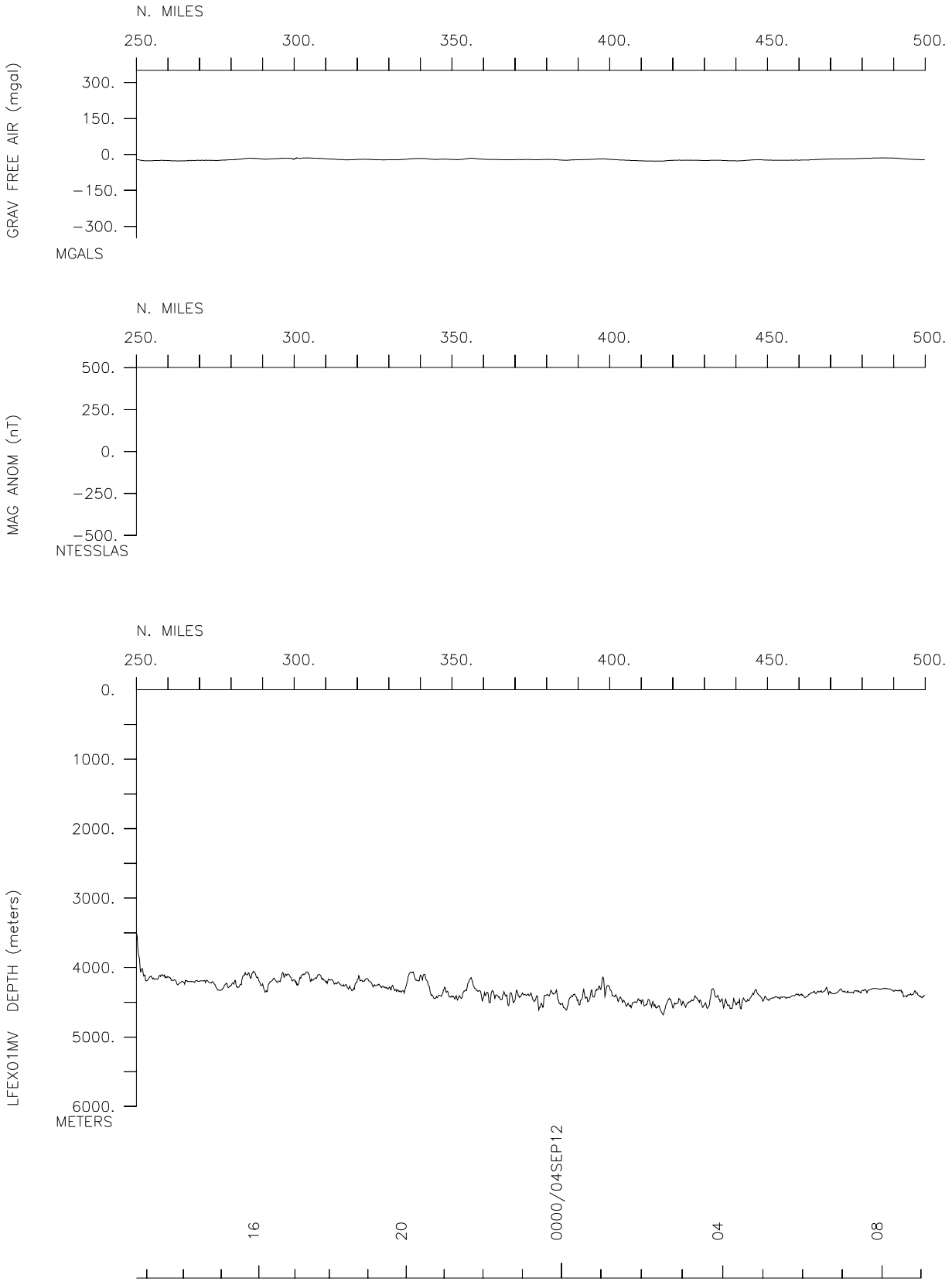
2000.
3000.
4000.
5000.
6000.
METERS
16
20
0000/04SEP11
04
08
1200/04SEP11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450.
500.
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150.
0.
−150.
−300.
MGALS
N. MILES
250.
300.
350.
400.
450.
500.
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
250.
300.
350.
400.
450.
500.
LFEX01MV DEPTH (meters)
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6000.
METERS
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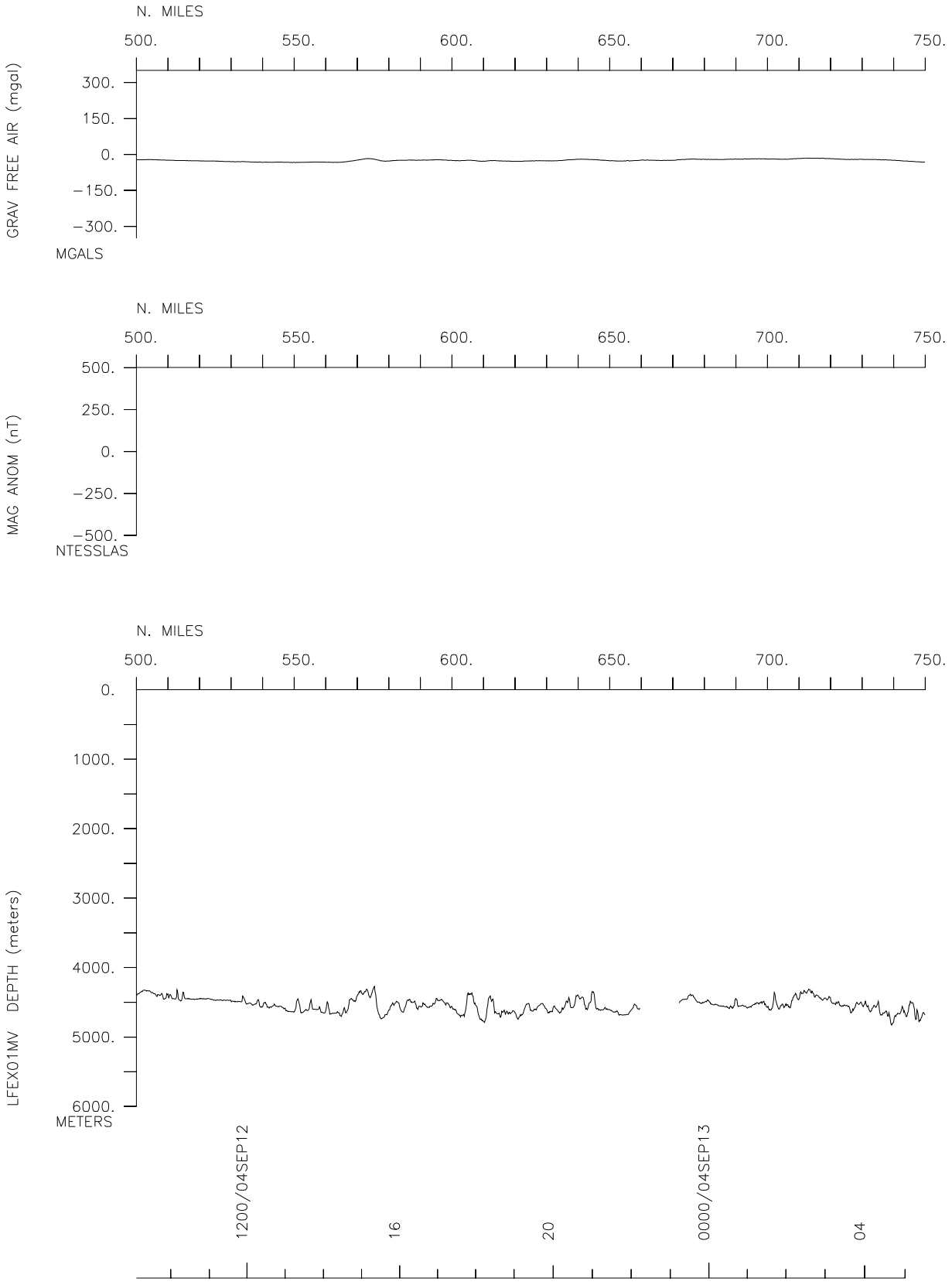
20
0000/04SEP12
04
08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700.
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−300.
MGALS
N. MILES
500.
550.
600.
650.
700.
750.
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
500.
550.
600.
650.
700.
750.
LFEX01MV DEPTH (meters)
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4000.
5000.
6000.
METERS
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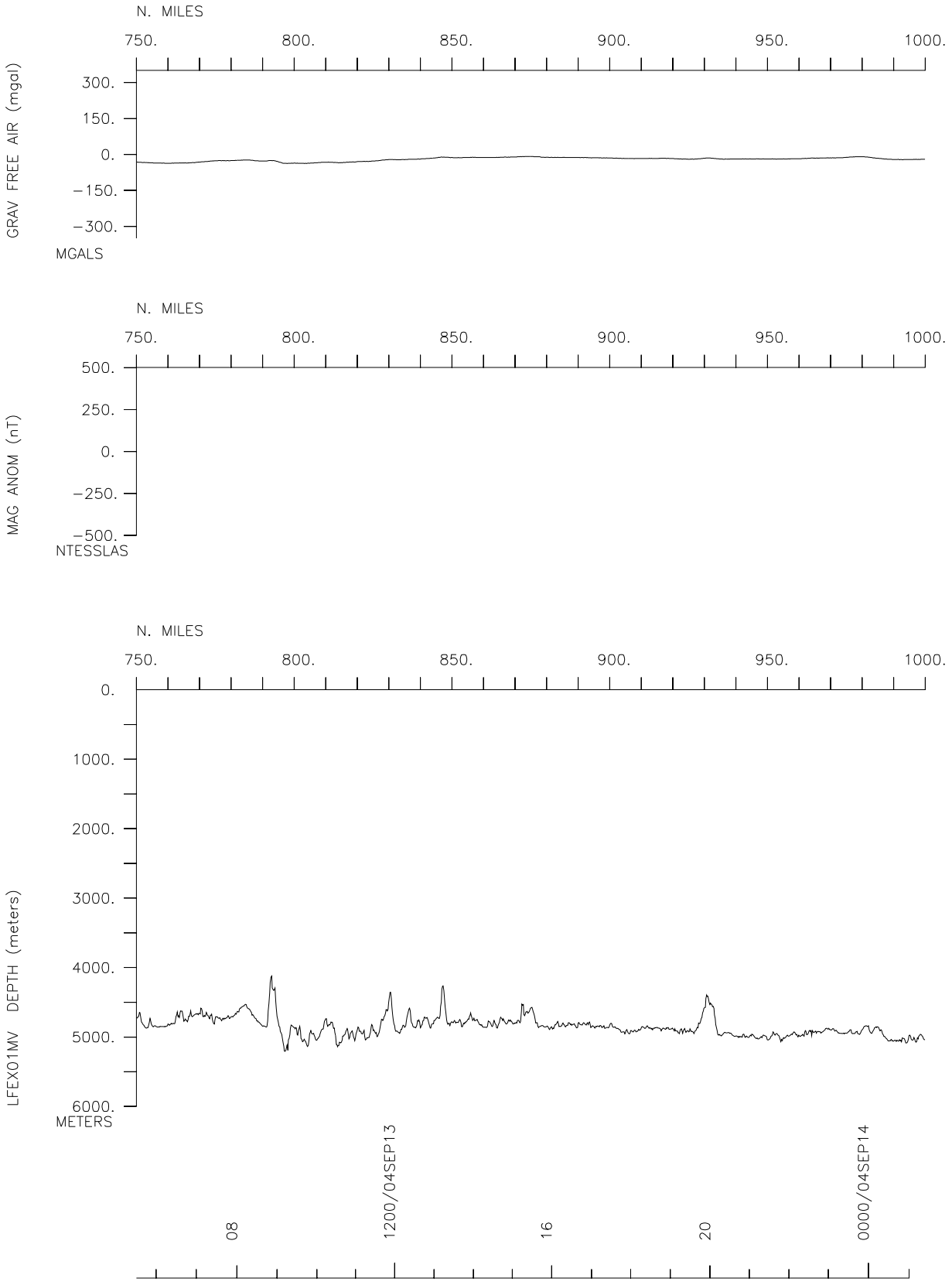
16
20
0000/04SEP13
04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150.
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−150.
−300.
MGALS
N. MILES
750.
800.
850.
900.
950.
1000.
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
750.
800.
850.
900.
950.
1000.
LFEX01MV DEPTH (meters)
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2000.
3000.
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METERS
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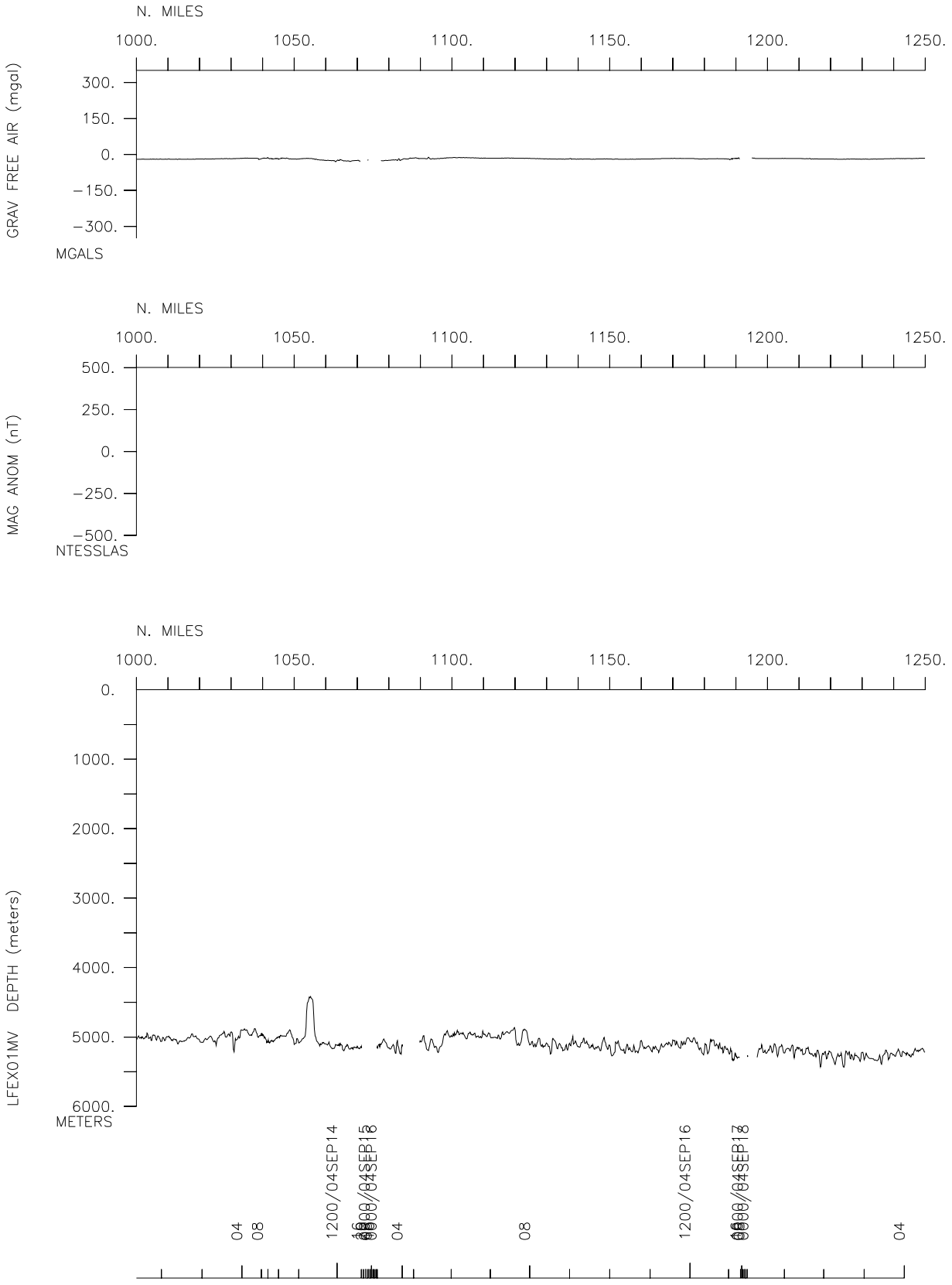
20
0000/04SEP14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150.
0.
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−300.
MGALS
N. MILES
1000.
1050.
1100.
1150.
1200.
1250.
MAG ANOM (nT)
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250.
0.
−250.
−500.
NTESSLAS
N. MILES
1000.
1050.
1100.
1150.
1200.
1250.
LFEX01MV DEPTH (meters)
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04
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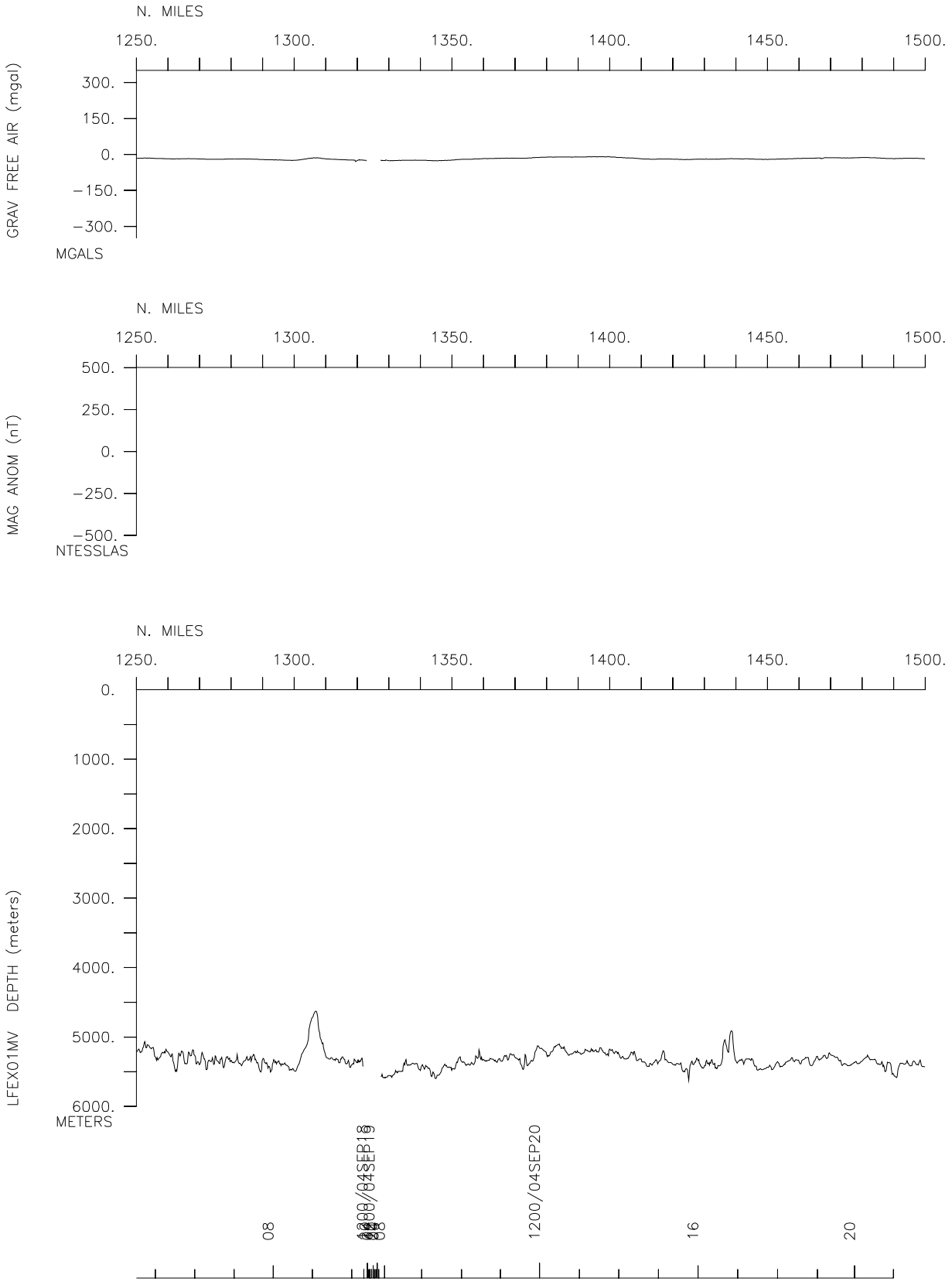
1200/04SEP14
04
08
1200/04SEP16
04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150.
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−150.
−300.
MGALS
N. MILES
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1300.
1350.
1400.
1450.
1500.
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
1250.
1300.
1350.
1400.
1450.
1500.
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3000.
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6000.
METERS
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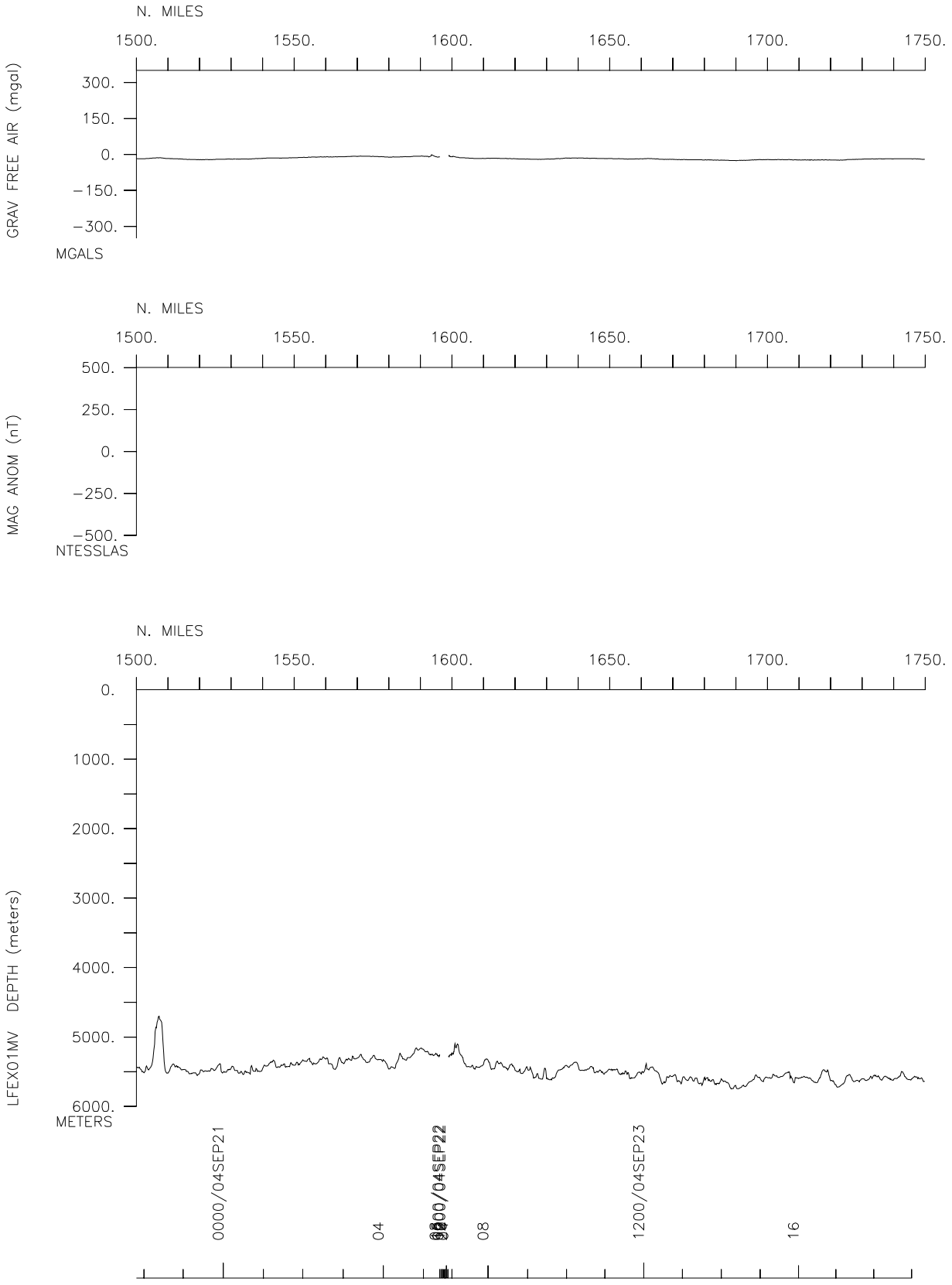
1200/04SEP20
16
20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MGALS
N. MILES
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1550.
1600.
1650.
1700.
1750.
MAG ANOM (nT)
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250.
0.
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−500.
NTESSLAS
N. MILES
1500.
1550.
1600.
1650.
1700.
1750.
LFEX01MV DEPTH (meters)
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3000.
4000.
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6000.
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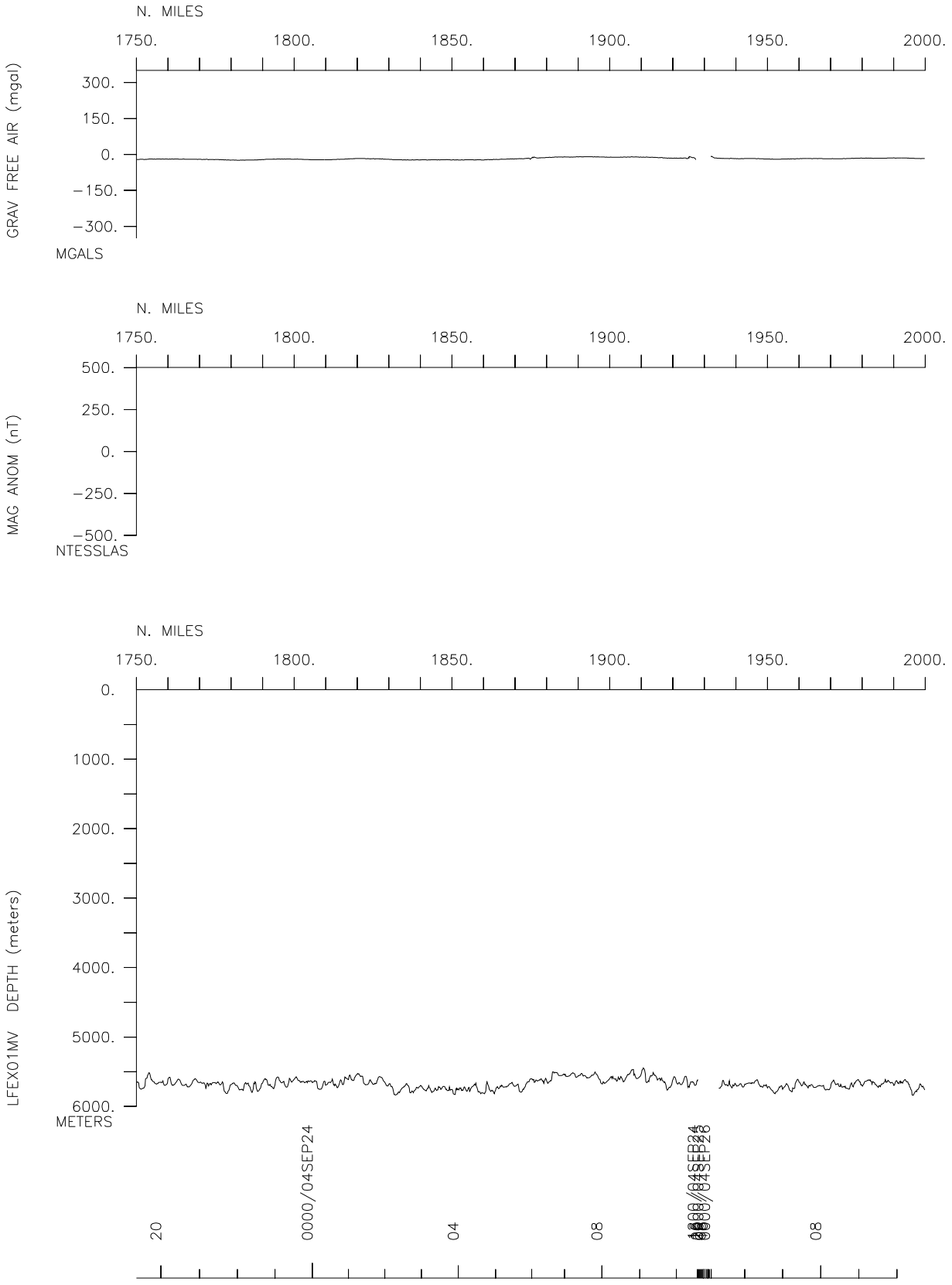
04
08
1200/04SEP23
16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1850.
1900.
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2000.
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150.
0.
−150.
−300.
MGALS
N. MILES
1750.
1800.
1850.
1900.
1950.
2000.
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
1750.
1800.
1850.
1900.
1950.
2000.
LFEX01MV DEPTH (meters)
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2000.
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4000.
5000.
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METERS
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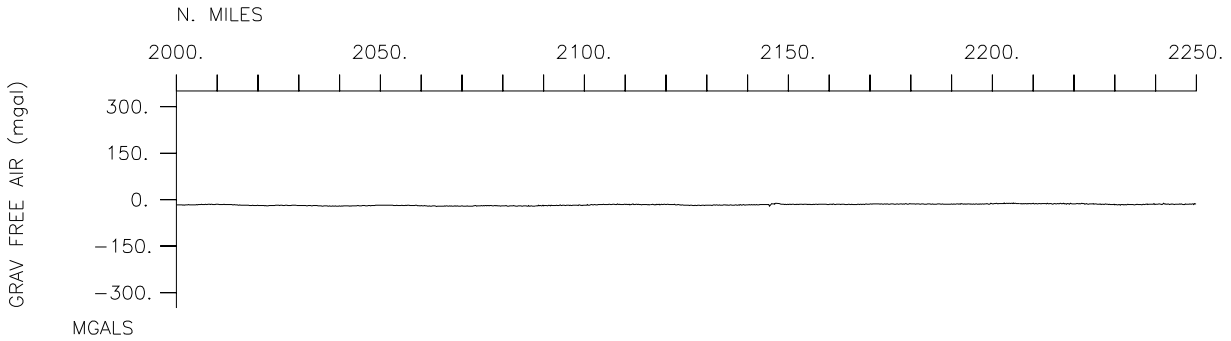
04
08
08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0.
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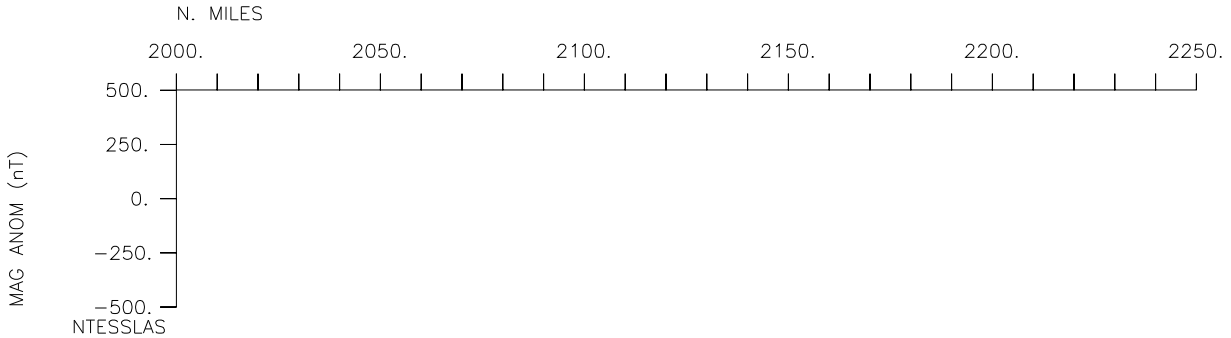
−300.
MGALS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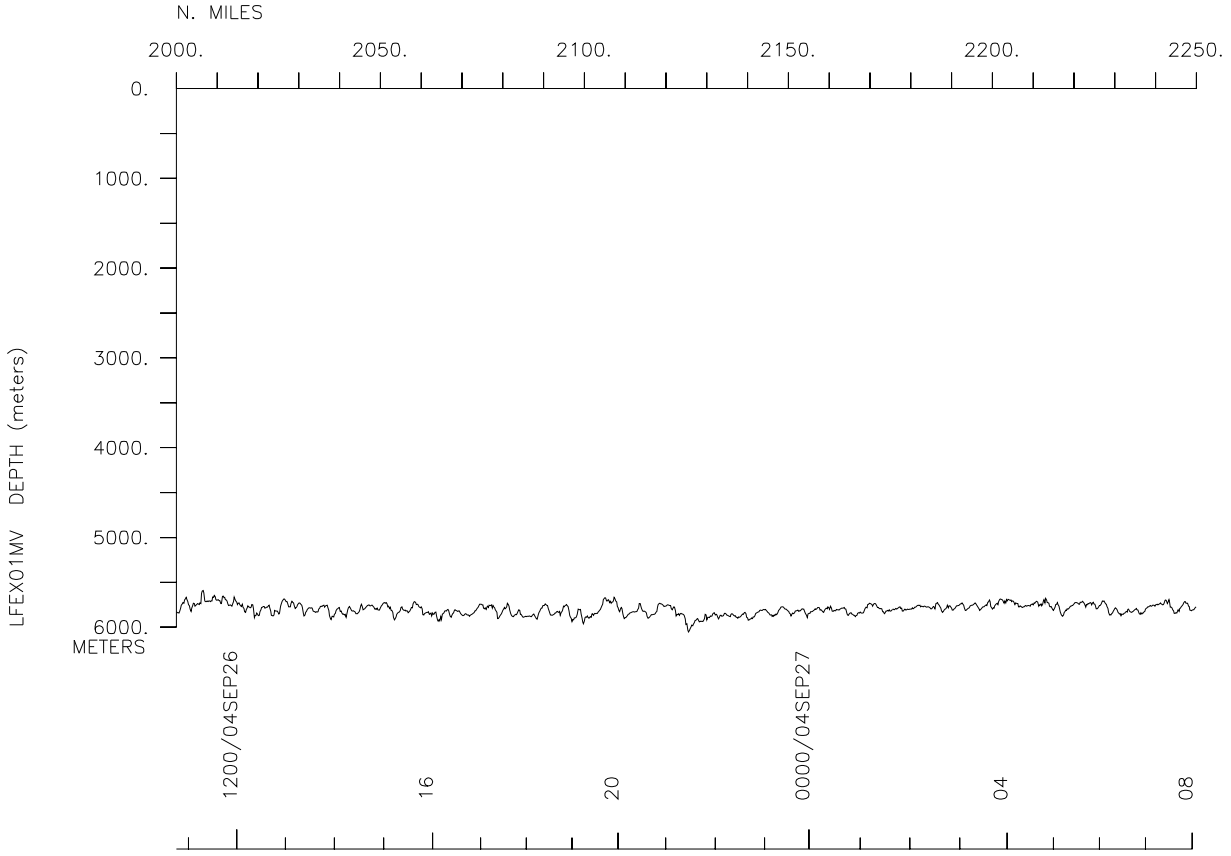
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2100.
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2200.
2250.
LFEX01MV DEPTH (meters)
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4000.
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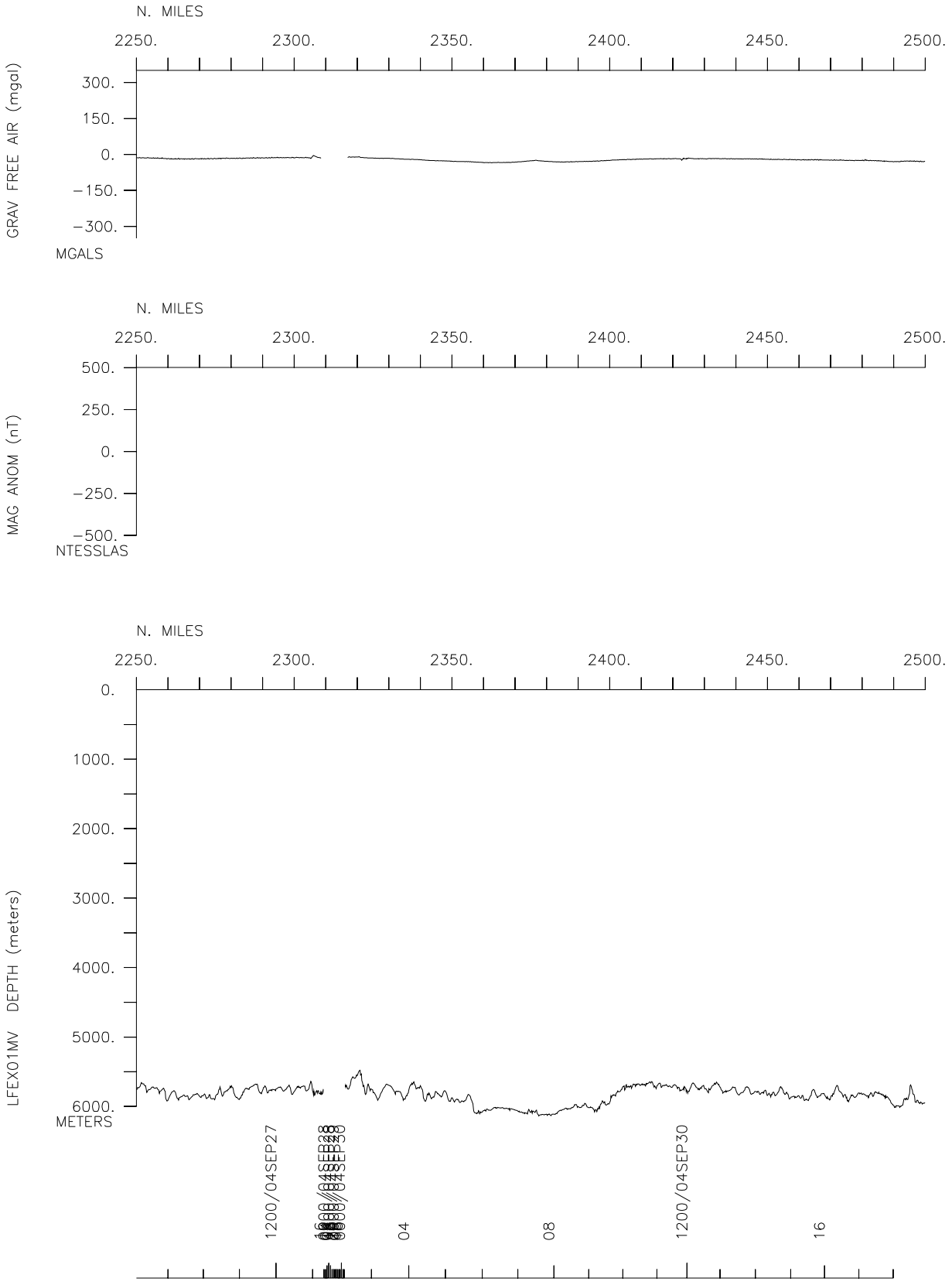
20
0000/04SEP27
04
08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2350.
2400.
2450.
2500.
GRAV FREE AIR (mgal)
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150.
0.
−150.
−300.
MGALS
N. MILES
2250.
2300.
2350.
2400.
2450.
2500.
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
2250.
2300.
2350.
2400.
2450.
2500.
LFEX01MV DEPTH (meters)
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2000.
3000.
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5000.
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METERS
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04
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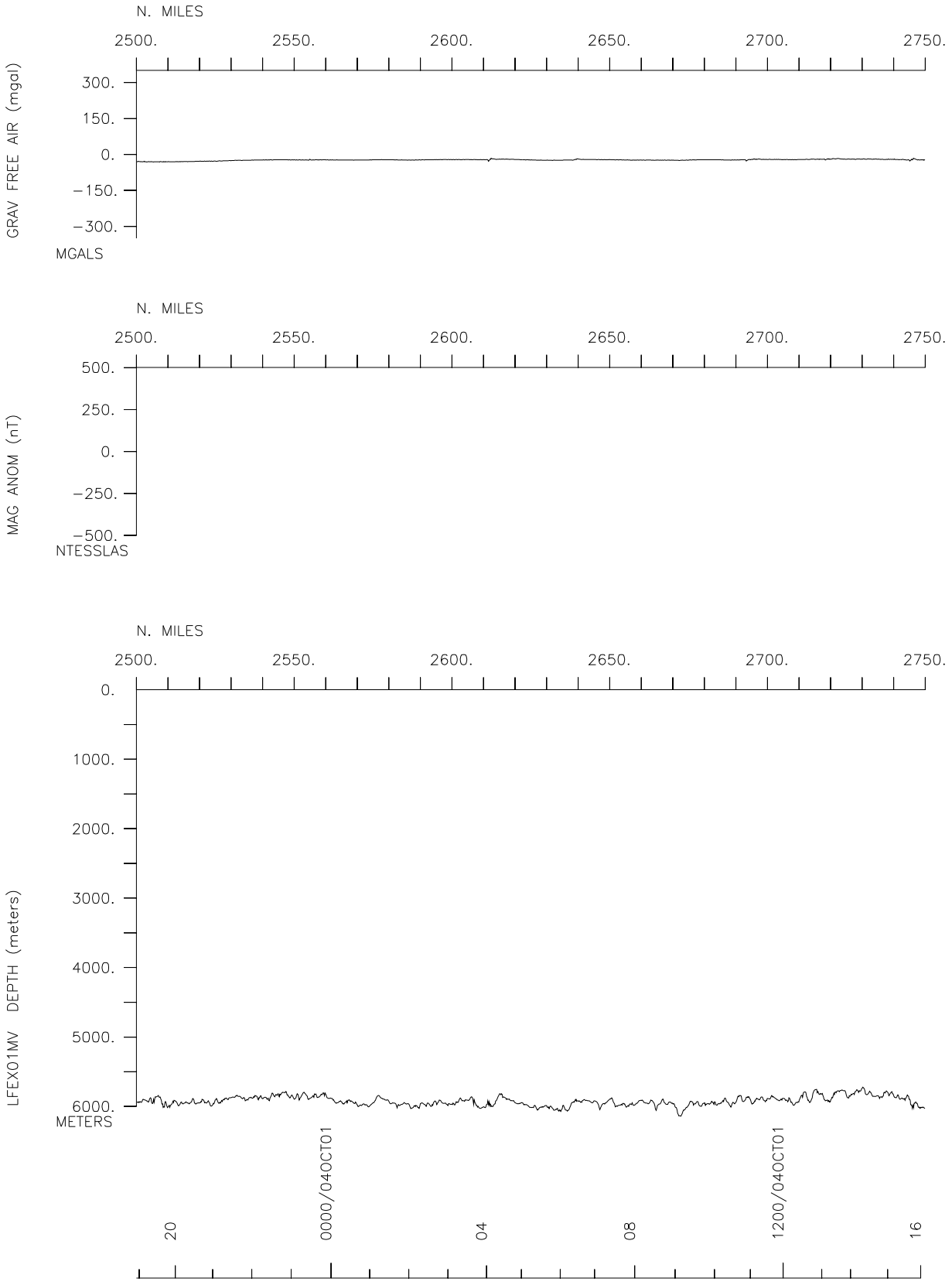
1200/04SEP30
16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2650.
2700.
2750.
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150.
0.
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−300.
MGALS
N. MILES
2500.
2550.
2600.
2650.
2700.
2750.
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
2500.
2550.
2600.
2650.
2700.
2750.
LFEX01MV DEPTH (meters)
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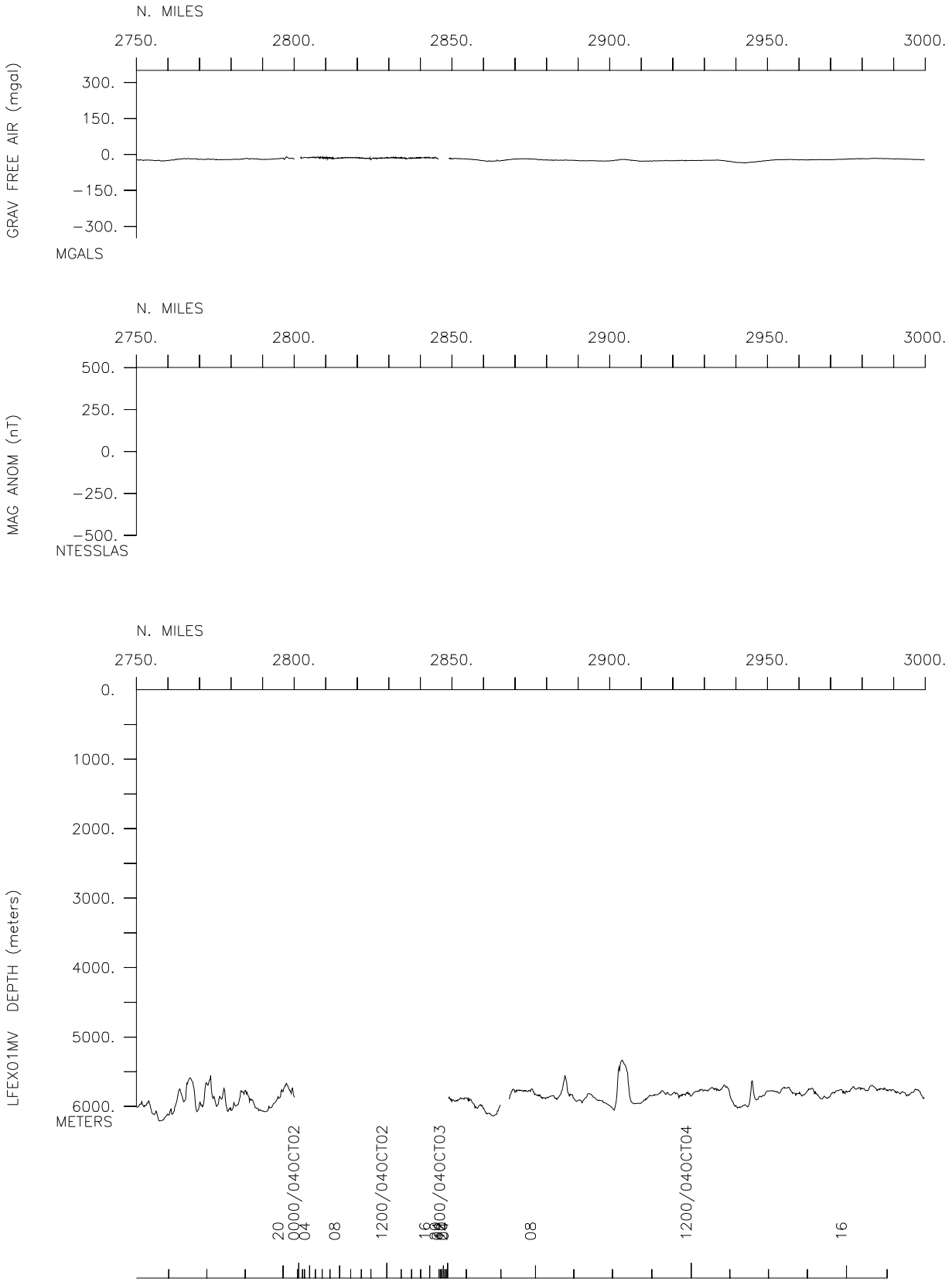
2000.
3000.
4000.
5000.
6000.
METERS
20
0000/04OCT01
04
08
1200/04OCT01
16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2850.
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2950.
3000.
GRAV FREE AIR (mgal)
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150.
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−300.
MGALS
N. MILES
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
LFEX01MV DEPTH (meters)
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1000.
2000.
3000.
4000.
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METERS
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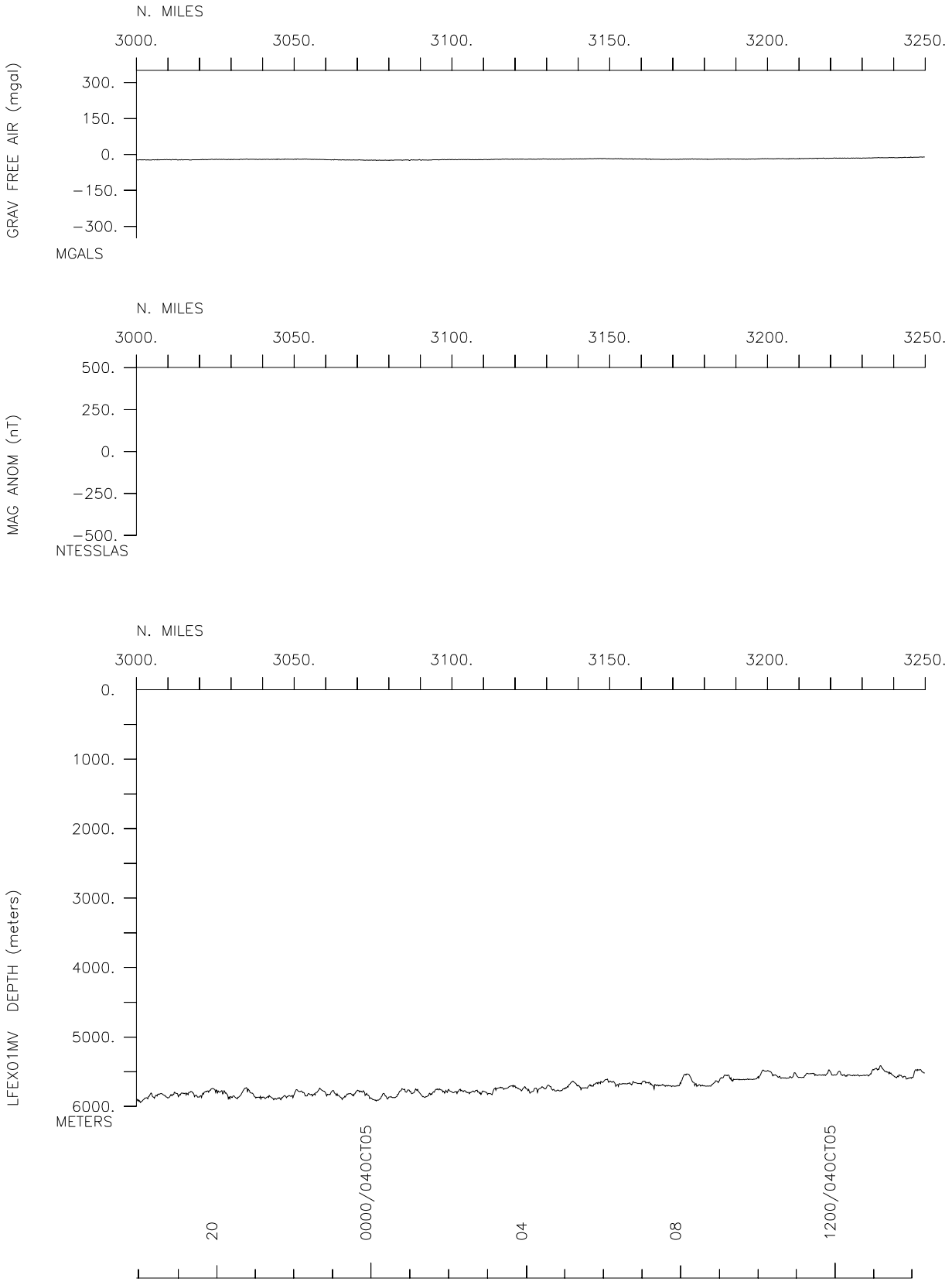
1200/04OCT02
16
1200/04OCT03
08
1200/04OCT04
16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3100.
3150.
3200.
3250.
GRAV FREE AIR (mgal)
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−300.
MGALS
N. MILES
3000.
3050.
3100.
3150.
3200.
3250.
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
3000.
3050.
3100.
3150.
3200.
3250.
LFEX01MV DEPTH (meters)
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2000.
3000.
4000.
5000.
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METERS
20
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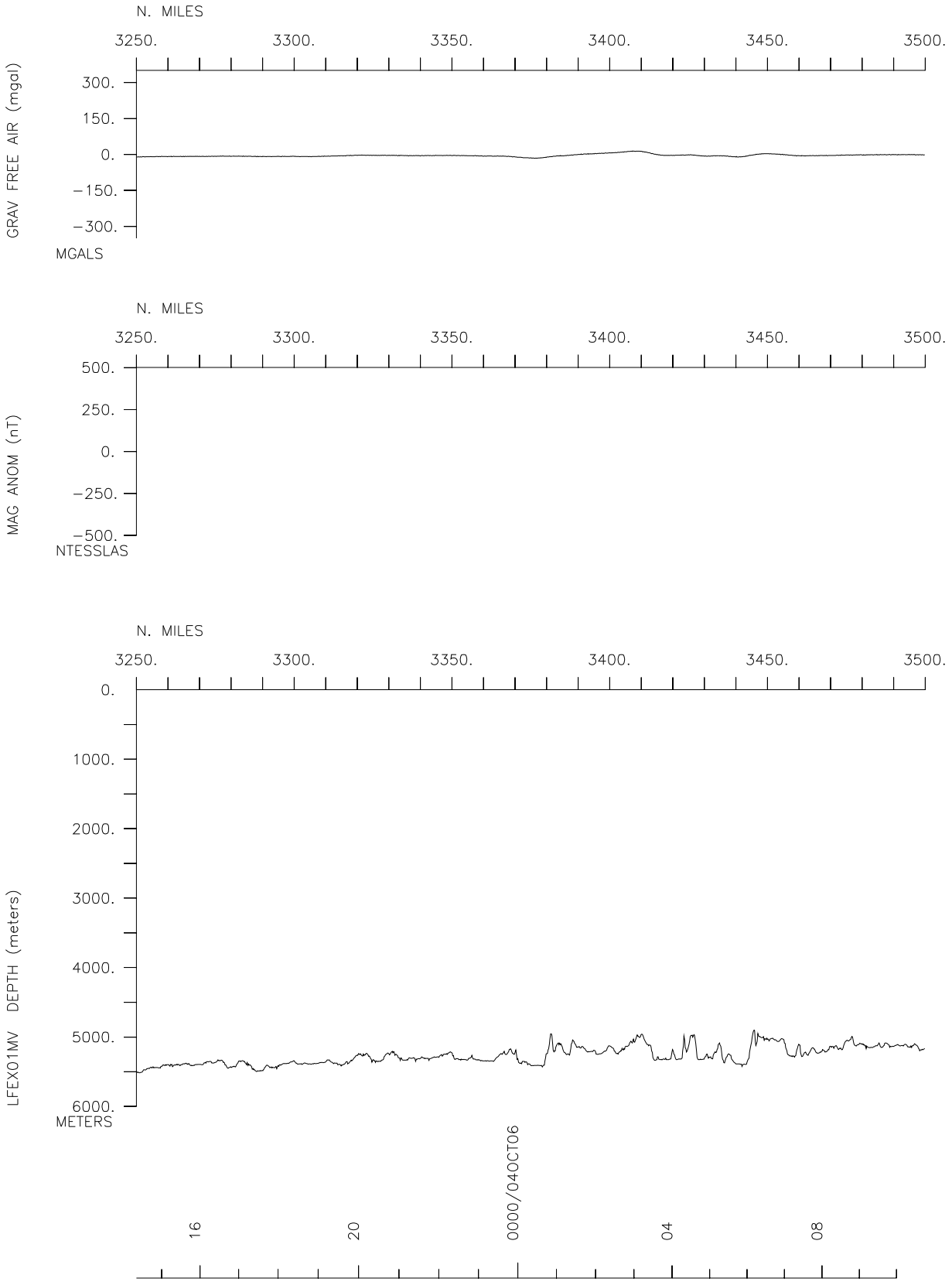
04
08
1200/04OCT05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GRAV FREE AIR (mgal)
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0.
−150.
−300.
MGALS
N. MILES
3250.
3300.
3350.
3400.
3450.
3500.
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
3250.
3300.
3350.
3400.
3450.
3500.
LFEX01MV DEPTH (meters)
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3000.
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5000.
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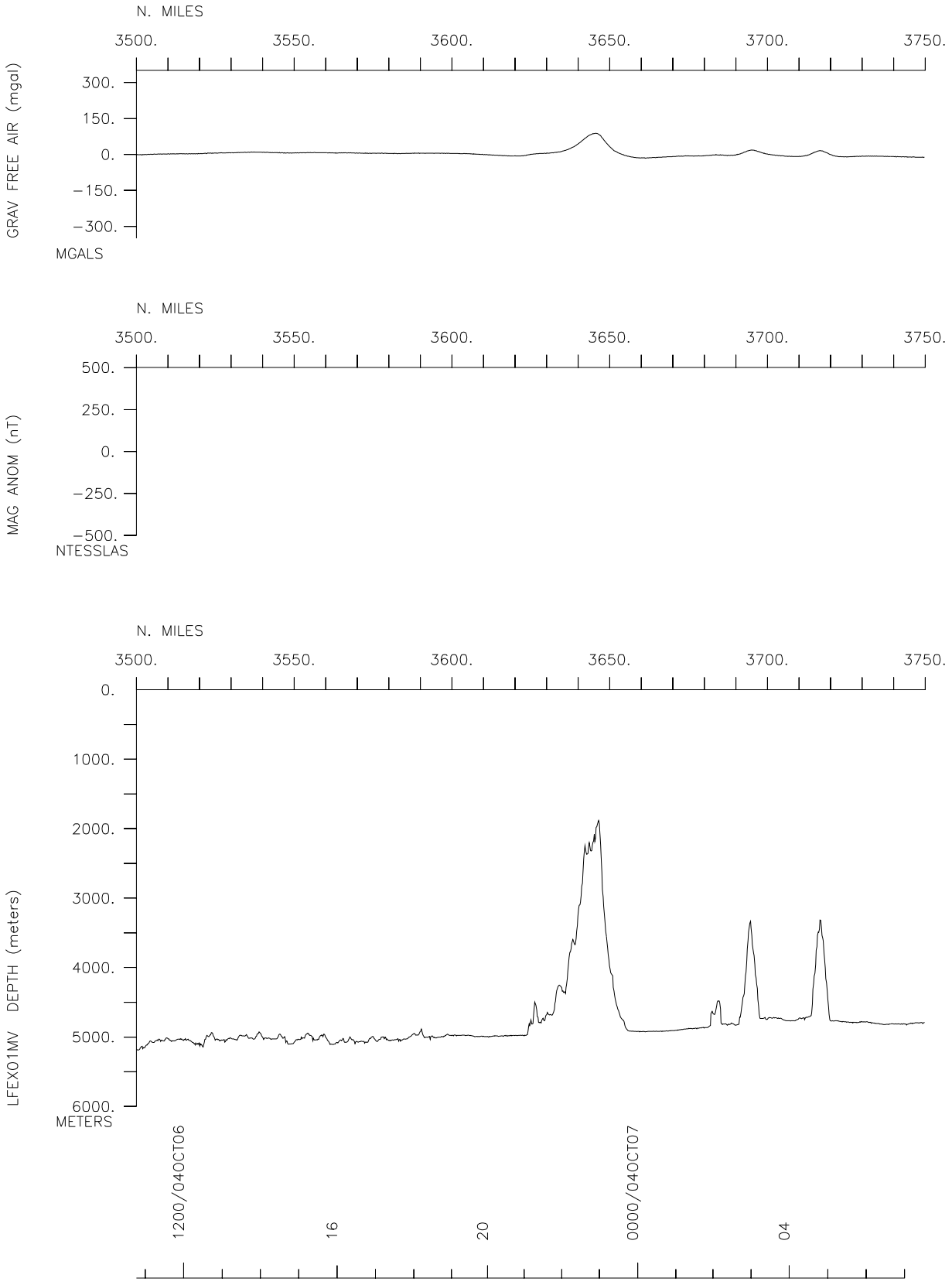
METERS
16
20
0000/04OCT06
04
08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−150.
−300.
MGALS
N. MILES
3500.
3550.
3600.
3650.
3700.
3750.
MAG ANOM (nT)
500.
250.
0.
−250.
−500.
NTESSLAS
N. MILES
3500.
3550.
3600.
3650.
3700.
3750.
LFEX01MV DEPTH (meters)
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METERS
1200/04OCT06
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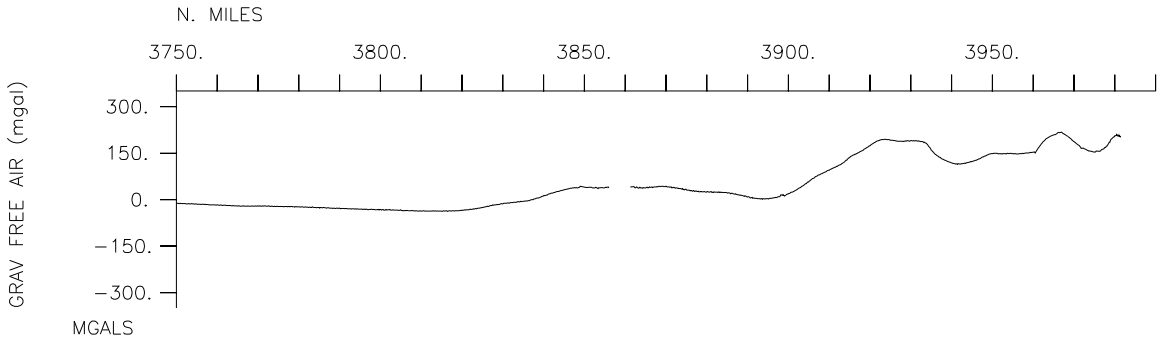
20
0000/04OCT07
04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3900.
3950.
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150.
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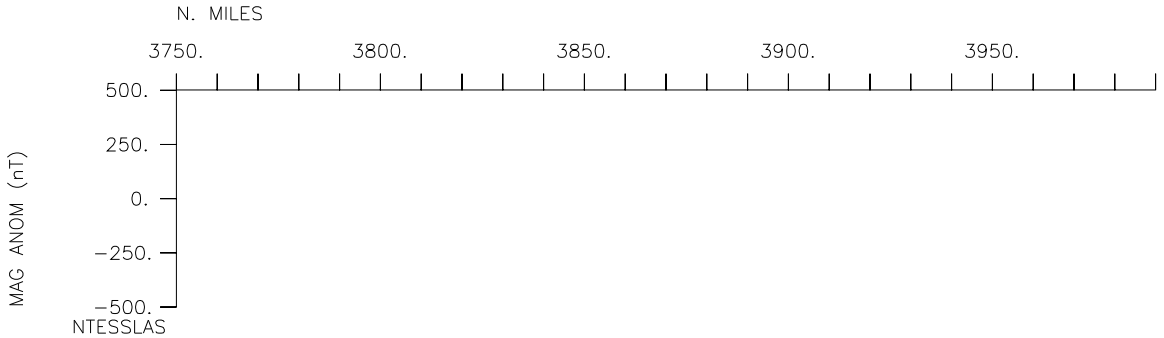
−150.
−300.
MGALS


N. MILES
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3900.
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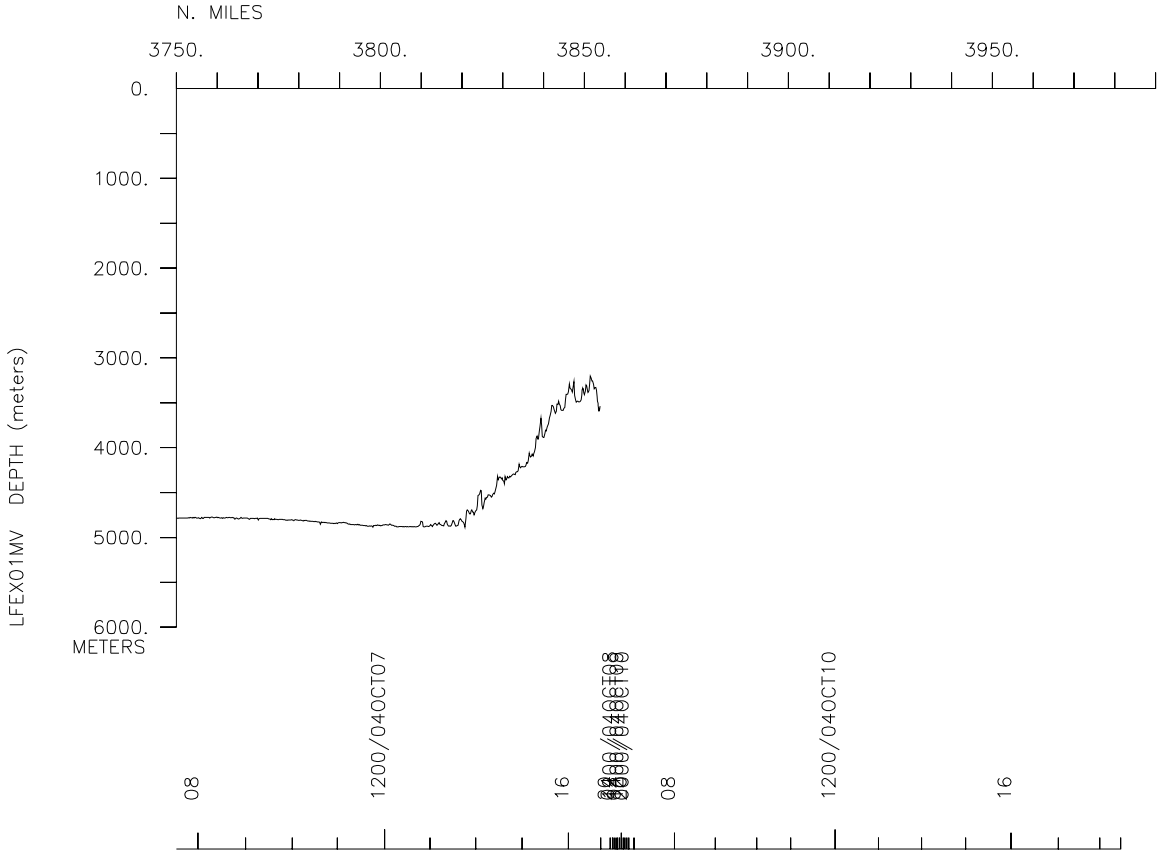
NTESSLAS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3850.
3900.
3950.
LFEX01MV DEPTH (meters)
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1000.
2000.
3000.
4000.
5000.
6000.
METERS
08
1200/04OCT07
16
08
1200/04OCT10
16

```
#*** Ports ***

1530 100904  0 LGPT B Depart San Diego          32-42.40N 117-14.17W g LFEX01MV
1906 101004  0 LGPT E Arrive Honolulu           21-18.97N 157-53.17W g LFEX01MV


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

PECS UWA  Mercer, J.           Chief Scientist    APL U.of Washington  LFEX01MV
PESP WHOI Colosi, J.           Scientist          Woods Hole           LFEX01MV
PESP UWA  Howe, B.             Scientist          APL U.of Washington  LFEX01MV
PESP UWA  Andrew, R.           Scientist          APL U.of Washington  LFEX01MV
PESP UWA  Gullings, L          Engineer           APL U.of Washington  LFEX01MV
PESP UWA  Karig, F.            Engineer           APL U.of Washington  LFEX01MV
PESP UWA  Flecher, C.          Engineer           APL U.of Washington  LFEX01MV
PESP UWA  Wolfson, M.          Engineer           APL U.of Washington  LFEX01MV
PESP SIO  Chang, P.            Technician         Scripps Institution  LFEX01MV
PESP SIO  Englehorn, G.        Technician         Scripps Institution  LFEX01MV
PEST WHOI Xu, C.               Student            Woods Hole           LFEX01MV
PESP STS  Wilson, R.           Resident tech      Scripps Institution  LFEX01MV
PESP STS  Davis, G.            Computer tech      Scripps Institution  LFEX01MV


#*** 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 and side scan) ***

1849 100904  0 MBSR B v.beam&sidescan      GDC  32-32.38N 117-53.00W g LFEX01MV
1659 071004  0 MBSR E v.beam&sidescan      GDC  22-34.56N 159-12.85W g LFEX01MV


#*** Digital Gravity ***

1535 100904  0 GVDD B digital gravity      GDC  32-42.29N 117-14.08W g LFEX01MV
1855 101004  0 GVDD E digital gravity      GDC  21-18.91N 157-53.09W g LFEX01MV


#*** Integrated Meteorological Acquisition System ***

1530 100904  0 IMET B weather measurements GDC  32-42.40N 117-14.17W g LFEX01MV
1906 101004  0 IMET E weather measurements GDC  21-18.97N 157-53.17W g LFEX01MV


#*** Acoustic Doppler Current Profiler ***

1530 100904  0 ADCP B current measurements GDC  32-42.40N 117-14.17W g LFEX01MV
1906 101004  0 ADCP E current measurements GDC  21-18.97N 157-53.17W g LFEX01MV
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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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#*** Underway Conductivity, Temperature, Depth ***

1543 110904  0 TDCT   UCTD deployed        WHOI 32-32.28N 122-44.51W g LFEX01MV
1548 110904  0 TDCT   UCTD on deck         WHOI 32-32.34N 122-45.69W g LFEX01MV
1648 110904  0 TDCT   UCTD deployed        WHOI 32-33.16N 122-59.87W g LFEX01MV
1708 110904  0 TDCT   UCTD on deck         WHOI 32-33.33N 123-02.63W g LFEX01MV
1731 110904  0 TDCT   UCTD deployed        WHOI 32-33.62N 123-07.82W g LFEX01MV
1748 110904  0 TDCT   UCTD on deck         WHOI 32-33.86N 123-11.97W g LFEX01MV
2022 110904  0 TDCT   UCTD deployed        WHOI 32-36.00N 123-48.96W g LFEX01MV
2038 110904  0 TDCT   UCTD on deck         WHOI 32-36.22N 123-52.75W g LFEX01MV
2105 110904  0 TDCT   UCTD deployed        WHOI 32-36.59N 123-59.18W g LFEX01MV
2120 110904  0 TDCT   UCTD on deck         WHOI 32-36.80N 124-02.78W g LFEX01MV
2140 110904  0 TDCT   UCTD deployed        WHOI 32-37.08N 124-07.69W g LFEX01MV
2155 110904  0 TDCT   UCTD on deck         WHOI 32-37.30N 124-11.41W g LFEX01MV
2216 110904  0 TDCT   UCTD deployed        WHOI 32-37.60N 124-16.59W g LFEX01MV
2242 110904  0 TDCT   UCTD on deck         WHOI 32-37.96N 124-22.97W g LFEX01MV
2252 110904  0 TDCT   UCTD deployed        WHOI 32-38.11N 124-25.41W g LFEX01MV
2305 110904  0 TDCT   UCTD on deck         WHOI 32-38.29N 124-28.61W g LFEX01MV
1841 120904  0 TDCT   UCTD deployed        WHOI 32-54.88N 129-16.34W g LFEX01MV
1858 120904  0 TDCT   UCTD on deck         WHOI 32-55.12N 129-20.45W g LFEX01MV
2015 120904  0 TDCT   UCTD deployed        WHOI 32-56.21N 129-39.43W g LFEX01MV
2030 120904  0 TDCT   UCTD on deck         WHOI 32-56.42N 129-43.12W g LFEX01MV
2134 120904  0 TDCT   UCTD deployed        WHOI 32-57.32N 129-58.70W g LFEX01MV
2155 120904  0 TDCT   UCTD on deck         WHOI 32-57.59N 130-03.82W g LFEX01MV
2235 120904  0 TDCT   UCTD deployed        WHOI 32-57.15N 130-13.55W g LFEX01MV
2248 120904  0 TDCT   UCTD on deck         WHOI 32-57.66N 130-16.66W g LFEX01MV
2320 120904  0 TDCT   UCTD deployed        WHOI 32-58.79N 130-24.35W g LFEX01MV
2338 120904  0 TDCT   UCTD on deck         WHOI 32-59.05N 130-28.74W g LFEX01MV
2350 120904  0 TDCT   UCTD deployed        WHOI 32-59.21N 130-31.63W g LFEX01MV
0008 130904  0 TDCT   UCTD on deck         WHOI 32-59.46N 130-35.95W g LFEX01MV
0017 130904  0 TDCT   UCTD deployed        WHOI 32-59.59N 130-38.11W g LFEX01MV
0035 130904  0 TDCT   UCTD on deck         WHOI 32-59.83N 130-42.43W g LFEX01MV
1905 130904  0 TDCT   UCTD deployed        WHOI 33-15.69N 135-18.58W g LFEX01MV
2045 130904  0 TDCT   UCTD deployed        WHOI 33-17.12N 135-43.53W g LFEX01MV
2105 130904  0 TDCT   UCTD on deck         WHOI 33-17.41N 135-48.48W g LFEX01MV
2128 130904  0 TDCT   UCTD deployed        WHOI 33-17.74N 135-54.21W g LFEX01MV
2145 130904  0 TDCT   UCTD on deck         WHOI 33-17.98N 135-58.46W g LFEX01MV
2208 130904  0 TDCT   UCTD deployed        WHOI 33-18.31N 136-04.18W g LFEX01MV
2226 130904  0 TDCT   UCTD on deck         WHOI 33-18.56N 136-08.64W g LFEX01MV
0316 160904  0 TDCT   UCTD #19 deployed    WHOI 33-30.24N 138-13.70W g LFEX01MV
0336 160904  0 TDCT   UCTD #19 on deck     WHOI 33-27.79N 138-17.96W g LFEX01MV
0505 160904  0 TDCT   UCTD #20 deployed    WHOI 33-24.14N 138-21.27W g LFEX01MV
0523 160904  0 TDCT   UCTD #20 on deck     WHOI 33-26.23N 138-24.70W g LFEX01MV
0540 160904  0 TDCT   UCTD #21 deployed    WHOI 33-27.20N 138-28.64W g LFEX01MV
0558 160904  0 TDCT   UCTD #21 on deck     WHOI 33-28.49N 138-32.88W g LFEX01MV
0607 160904  0 TDCT   UCTD #22 deployed    WHOI 33-29.14N 138-34.99W g LFEX01MV
0627 160904  0 TDCT   UCTD #22 on deck     WHOI 33-30.59N 138-39.65W g LFEX01MV
0647 160904  0 TDCT   UCTD #23 deployed    WHOI 33-32.03N 138-44.31W g LFEX01MV
0706 160904  0 TDCT   UCTD #23 on deck     WHOI 33-33.38N 138-48.67W g LFEX01MV
0715 160904  0 TDCT   UCTD #24 deployed    WHOI 33-34.02N 138-50.74W g LFEX01MV
0733 160904  0 TDCT   UCTD #24 on deck     WHOI 33-35.32N 138-54.95W g LFEX01MV
0800 160904  0 TDCT   UCTD #25 delpoyed    WHOI 33-37.30N 139-01.33W g LFEX01MV
0825 160904  0 TDCT   UCTD #25 on deck     WHOI 33-39.13N 139-07.27W g LFEX01MV
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#GMT TIME	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0905	160904	0	TDCT		UCTD #26 deployed	WHOI	33-41.92N	139-16.74W	g	LFEX01MV
0927	160904	0	TDCT		UCTD #26 on deck	WHOI	33-42.82N	139-22.20W	g	LFEX01MV
0940	160904	0	TDCT		UCTD #27 deployed	WHOI	33-43.36N	139-25.47W	g	LFEX01MV
1000	160904	0	TDCT		UCTD #27 on deck	WHOI	33-44.18N	139-30.51W	g	LFEX01MV
1012	160904	0	TDCT		UCTD #28 deployed	WHOI	33-44.68N	139-33.53W	g	LFEX01MV
1030	160904	0	TDCT		UCTD #28 on deck	WHOI	33-45.42N	139-38.06W	g	LFEX01MV
1043	160904	0	TDCT		UCTD #29 deployed	WHOI	33-45.96N	139-41.34W	g	LFEX01MV
1100	160904	0	TDCT		UCTD #29 on deck	WHOI	33-46.67N	139-45.64W	g	LFEX01MV
1116	160904	0	TDCT		UCTD #30 delpoyed	WHOI	33-47.33N	139-49.65W	g	LFEX01MV
1130	160904	0	TDCT		UCTD #30 on deck	WHOI	33-47.90N	139-53.14W	g	LFEX01MV
1145	160904	0	TDCT		UCTD #31 deployed	WHOI	33-48.51N	139-56.86W	g	LFEX01MV
1209	160904	0	TDCT		UCTD #31 on deck	WHOI	33-49.48N	140-02.80W	g	LFEX01MV
1217	160904	0	TDCT		UCTD #32 deployed	WHOI	33-49.81N	140-04.77W	g	LFEX01MV
1240	160904	0	TDCT		UCTD #32 on deck	WHOI	33-50.71N	140-10.29W	g	LFEX01MV
1326	160904	0	TDCT		UCTD #33 deployed	WHOI	33-51.84N	140-17.15W	g	LFEX01MV
1343	160904	0	TDCT		UCTD #33 on deck	WHOI	33-52.08N	140-18.55W	g	LFEX01MV
0010	180904	0	TDCT		UCTD #34 deployed	WHOI	33-52.42N	140-20.96W	g	LFEX01MV
0025	180904	0	TDCT		UCTD #34 on deck	WHOI	33-52.95N	140-24.49W	g	LFEX01MV
0034	180904	0	TDCT		UCTD #35 delpoyed	WHOI	33-53.28N	140-26.72W	g	LFEX01MV
0055	180904	0	TDCT		UCTD #35 on deck	WHOI	33-54.06N	140-31.96W	g	LFEX01MV
0119	180904	0	TDCT		UCTD #36 deployed	WHOI	33-54.95N	140-37.94W	g	LFEX01MV
0149	180904	0	TDCT		UCTD #36 on deck	WHOI	33-56.04N	140-45.35W	g	LFEX01MV
0159	180904	0	TDCT		UCTD #37 deployed	WHOI	33-56.41N	140-47.83W	g	LFEX01MV
0218	180904	0	TDCT		UCTD #37 on deck	WHOI	33-57.12N	140-52.60W	g	LFEX01MV
0228	180904	0	TDCT		UCTD #38 deployed	WHOI	33-57.50N	140-55.13W	g	LFEX01MV
0248	180904	0	TDCT		UCTD #38 on deck	WHOI	33-58.25N	141-00.18W	g	LFEX01MV
0300	180904	0	TDCT		UCTD #39 deployed	WHOI	33-58.70N	141-03.23W	g	LFEX01MV
0320	180904	0	TDCT		UCTD #39 on deck	WHOI	33-59.45N	141-08.28W	g	LFEX01MV
0330	180904	0	TDCT		UCTD #40 deployed	WHOI	33-59.82N	141-10.81W	g	LFEX01MV
0348	180904	0	TDCT		UCTD #40 on deck	WHOI	34-00.50N	141-15.34W	g	LFEX01MV
0359	180904	0	TDCT		UCTD #41 deployed	WHOI	34-00.91N	141-18.14W	g	LFEX01MV
0419	180904	0	TDCT		UCTD #41 on deck	WHOI	34-01.65N	141-23.14W	g	LFEX01MV
0430	180904	0	TDCT		UCTD #42 deployed	WHOI	34-02.06N	141-25.89W	g	LFEX01MV
0450	180904	0	TDCT		UCTD #42 on deck	WHOI	34-02.80N	141-30.84W	g	LFEX01MV
0500	180904	0	TDCT		UCTD #43 deployed	WHOI	34-03.16N	141-33.33W	g	LFEX01MV
0520	180904	0	TDCT		UCTD #43 on deck	WHOI	34-03.90N	141-38.29W	g	LFEX01MV
0529	180904	0	TDCT		UCTD #44 deployed	WHOI	34-04.23N	141-40.50W	g	LFEX01MV
0548	180904	0	TDCT		UCTD #44 on deck	WHOI	34-04.92N	141-45.20W	g	LFEX01MV
0557	180904	0	TDCT		UCTD #45 deployed	WHOI	34-05.26N	141-47.44W	g	LFEX01MV
0615	180904	0	TDCT		UCTD #45 on deck	WHOI	34-05.92N	141-51.94W	g	LFEX01MV
0634	180904	0	TDCT		UCTD #46 deployed	WHOI	34-06.62N	141-56.61W	g	LFEX01MV
0654	180904	0	TDCT		UCTD #46 on deck	WHOI	34-07.35N	142-01.53W	g	LFEX01MV
0700	180904	0	TDCT		UCTD #47 deployed	WHOI	34-07.56N	142-02.99W	g	LFEX01MV
0720	180904	0	TDCT		UCTD #47 on deck	WHOI	34-08.29N	142-07.93W	g	LFEX01MV
0732	180904	0	TDCT		UCTD #48 deployed	WHOI	34-08.73N	142-10.90W	g	LFEX01MV
0751	180904	0	TDCT		UCTD #48 on deck	WHOI	34-09.42N	142-15.56W	g	LFEX01MV
0802	180904	0	TDCT		UCTD #49 deployed	WHOI	34-09.82N	142-18.26W	g	LFEX01MV
0820	180904	0	TDCT		UCTD #49 on deck	WHOI	34-10.48N	142-22.67W	g	LFEX01MV
0904	180904	0	TDCT		UCTD #50 deployed	WHOI	34-12.09N	142-33.53W	g	LFEX01MV
0927	180904	0	TDCT		UCTD #50 on deck	WHOI	34-12.94N	142-39.27W	g	LFEX01MV
0938	180904	0	TDCT		UCTD #51 deployed	WHOI	34-13.34N	142-42.00W	g	LFEX01MV
0057	190904	0	TDCT		UCTD #51 on deck	WHOI	34-14.95N	142-52.94W	g	LFEX01MV
0813	200904	0	TDCT		UCTD #52 deployed	WHOI	34-15.45N	142-57.49W	g	LFEX01MV
0833	200904	0	TDCT		UCTD #52 on deck	WHOI	34-16.01N	143-02.37W	g	LFEX01MV
0844	200904	0	TDCT		UCTD #53 deployed	WHOI	34-16.32N	143-05.12W	g	LFEX01MV
0901	200904	0	TDCT		UCTD #53 on deck	WHOI	34-16.81N	143-09.39W	g	LFEX01MV
0922	200904	0	TDCT		UCTD #54 deployed	WHOI	34-17.42N	143-14.70W	g	LFEX01MV
0940	200904	0	TDCT		UCTD #54 on deck	WHOI	34-17.94N	143-19.22W	g	LFEX01MV
0950	200904	0	TDCT		UCTD #55 deployed	WHOI	34-18.23N	143-21.73W	g	LFEX01MV
1012	200904	0	TDCT		UCTD #55 on deck	WHOI	34-18.86N	143-27.20W	g	LFEX01MV
1032	200904	0	TDCT		UCTD #56 deployed	WHOI	34-19.42N	143-32.11W	g	LFEX01MV
1054	200904	0	TDCT		UCTD #56 on deck	WHOI	34-20.03N	143-37.51W	g	LFEX01MV

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1100	200904	0	TDCT		UCTD #57 deployed	WHOI	34-20.20N	143-38.99W	g	LFEX01MV
1117	200904	0	TDCT		UCTD #57 on deck	WHOI	34-20.68N	143-43.18W	g	LFEX01MV
1134	200904	0	TDCT		UCTD #58 deployed	WHOI	34-21.17N	143-47.41W	g	LFEX01MV
1150	200904	0	TDCT		UCTD #58 on deck	WHOI	34-21.63N	143-51.41W	g	LFEX01MV
1203	200904	0	TDCT		UCTD #59 delpoyed	WHOI	34-22.00N	143-54.66W	g	LFEX01MV
1220	200904	0	TDCT		UCTD #59 on deck	WHOI	34-22.48N	143-58.90W	g	LFEX01MV
1234	200904	0	TDCT		UCTD #60 deployed	WHOI	34-22.89N	144-02.45W	g	LFEX01MV
1257	200904	0	TDCT		UCTD #60 on deck	WHOI	34-23.56N	144-08.29W	g	LFEX01MV
1308	200904	0	TDCT		UCTD #61 deployed	WHOI	34-23.88N	144-11.07W	g	LFEX01MV
1328	200904	0	TDCT		UCTD #61 on deck	WHOI	34-24.46N	144-16.14W	g	LFEX01MV
1348	200904	0	TDCT		UCTD #62 deployed	WHOI	34-25.02N	144-21.07W	g	LFEX01MV
1357	200904	0	TDCT		UCTD #62 on deck	WHOI	34-25.28N	144-23.30W	g	LFEX01MV
1413	200904	0	TDCT		UCTD #63 deployed	WHOI	34-25.73N	144-27.31W	g	LFEX01MV
1433	200904	0	TDCT		UCTD #63 on deck	WHOI	34-26.31N	144-32.33W	g	LFEX01MV
1455	200904	0	TDCT		UCTD #64 deployed	WHOI	34-26.95N	144-37.90W	g	LFEX01MV
1515	200904	0	TDCT		UCTD #64 on deck	WHOI	34-27.52N	144-42.94W	g	LFEX01MV
1525	200904	0	TDCT		UCTD #65 deployed	WHOI	34-27.80N	144-45.42W	g	LFEX01MV
1544	200904	0	TDCT		UCTD #65 on deck	WHOI	34-28.35N	144-50.19W	g	LFEX01MV
1554	200904	0	TDCT		UCTD #66 deployed	WHOI	34-28.64N	144-52.74W	g	LFEX01MV
1617	200904	0	TDCT		UCTD #66 on deck	WHOI	34-29.30N	144-58.53W	g	LFEX01MV
1624	200904	0	TDCT		UCTD #67 deployed	WHOI	34-29.51N	145-00.30W	g	LFEX01MV
1644	200904	0	TDCT		UCTD #67 on deck	WHOI	34-30.08N	145-05.34W	g	LFEX01MV
1658	200904	0	TDCT		UCTD #68 deployed	WHOI	34-30.49N	145-08.89W	g	LFEX01MV
1717	200904	0	TDCT		UCTD #68 on deck	WHOI	34-31.03N	145-13.66W	g	LFEX01MV
1729	200904	0	TDCT		UCTD #69 deployed	WHOI	34-31.38N	145-16.70W	g	LFEX01MV
1748	200904	0	TDCT		UCTD #69 on deck	WHOI	34-31.93N	145-21.53W	g	LFEX01MV
1756	200904	0	TDCT		UCTD #70 deployed	WHOI	34-32.16N	145-23.56W	g	LFEX01MV
1815	200904	0	TDCT		UCTD #70 on deck	WHOI	34-32.72N	145-28.41W	g	LFEX01MV
1825	200904	0	TDCT		UCTD #71 deployed	WHOI	34-33.01N	145-30.96W	g	LFEX01MV
1844	200904	0	TDCT		UCTD #71 on deck	WHOI	34-33.56N	145-35.78W	g	LFEX01MV
1904	200904	0	TDCT		UCTD #72 deployed	WHOI	34-34.12N	145-40.73W	g	LFEX01MV
1915	200904	0	TDCT		UCTD #72 on deck	WHOI	34-34.37N	145-42.84W	g	LFEX01MV
1922	200904	0	TDCT		UCTD #73 deployed	WHOI	34-34.56N	145-44.55W	g	LFEX01MV
1940	200904	0	TDCT		UCTD #73 on deck	WHOI	34-35.07N	145-49.02W	g	LFEX01MV
1947	200904	0	TDCT		UCTD #74 deployed	WHOI	34-35.27N	145-50.76W	g	LFEX01MV
2007	200904	0	TDCT		UCTD #74 on deck	WHOI	34-35.83N	145-55.67W	g	LFEX01MV
2015	200904	0	TDCT		UCTD #75 deployed	WHOI	34-36.05N	145-57.63W	g	LFEX01MV
2034	200904	0	TDCT		UCTD #75 on deck	WHOI	34-36.59N	146-02.30W	g	LFEX01MV
2048	200904	0	TDCT		UCTD #76 deployed	WHOI	34-36.98N	146-05.74W	g	LFEX01MV
2105	200904	0	TDCT		UCTD #76 on deck	WHOI	34-37.46N	146-09.98W	g	LFEX01MV
2115	200904	0	TDCT		UCTD #77 deployed	WHOI	34-37.75N	146-12.47W	g	LFEX01MV
2134	200904	0	TDCT		UCTD #77 on deck	WHOI	34-38.29N	146-17.23W	g	LFEX01MV
2149	200904	0	TDCT		UCTD #78 deployed	WHOI	34-38.72N	146-20.98W	g	LFEX01MV
2208	200904	0	TDCT		UCTD #78 on deck	WHOI	34-39.26N	146-25.77W	g	LFEX01MV
2216	200904	0	TDCT		UCTD #79 deployed	WHOI	34-39.49N	146-27.77W	g	LFEX01MV
2236	200904	0	TDCT		UCTD #79 on deck	WHOI	34-40.06N	146-32.74W	g	LFEX01MV
2245	200904	0	TDCT		UCTD #80 deployed	WHOI	34-40.31N	146-34.98W	g	LFEX01MV
2306	200904	0	TDCT		UCTD #80 on deck	WHOI	34-40.91N	146-40.25W	g	LFEX01MV
2326	200904	0	TDCT		UCTD #81 deployed	WHOI	34-41.49N	146-45.33W	g	LFEX01MV
2345	200904	0	TDCT		UCTD #81 on deck	WHOI	34-42.05N	146-50.19W	g	LFEX01MV
2355	200904	0	TDCT		UCTD #82 deployed	WHOI	34-42.34N	146-52.75W	g	LFEX01MV
0014	210904	0	TDCT		UCTD #82 on deck	WHOI	34-42.90N	146-57.64W	g	LFEX01MV
0025	210904	0	TDCT		UCTD #83 deployed	WHOI	34-43.22N	147-00.47W	g	LFEX01MV
0044	210904	0	TDCT		UCTD #83 on deck	WHOI	34-43.77N	147-05.32W	g	LFEX01MV
0055	210904	0	TDCT		UCTD #84 deployed	WHOI	34-44.09N	147-08.10W	g	LFEX01MV
0116	210904	0	TDCT		UCTD #84 on deck	WHOI	34-44.69N	147-13.39W	g	LFEX01MV
0220	210904	0	TDCT		UCTD #85 deployed	WHOI	34-46.53N	147-29.57W	g	LFEX01MV
0239	210904	0	TDCT		UCTD #85 on deck	WHOI	34-47.10N	147-34.49W	g	LFEX01MV
0253	210904	0	TDCT		UCTD #86 deployed	WHOI	34-47.50N	147-38.06W	g	LFEX01MV
0311	210904	0	TDCT		UCTD #86 on deck	WHOI	34-48.02N	147-42.65W	g	LFEX01MV
0320	210904	0	TDCT		UCTD #87 deployed	WHOI	34-48.28N	147-44.96W	g	LFEX01MV
0339	210904	0	TDCT		UCTD #87 on deck	WHOI	34-48.85N	147-49.86W	g	LFEX01MV

#GMT TIME	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0347	210904	0	TDCT		UCTD #88 deployed	WHOI	34-49.08N	147-51.89W	g	LFEX01MV
0406	210904	0	TDCT		UCTD #88 on deck	WHOI	34-49.63N	147-56.74W	g	LFEX01MV
0414	210904	0	TDCT		UCTD #89 deployed	WHOI	34-49.86N	147-58.78W	g	LFEX01MV
0438	210904	0	TDCT		UCTD #89 on deck	WHOI	34-50.56N	148-04.90W	g	LFEX01MV
0440	210904	0	TDCT		UCTD #90 deployed	WHOI	34-50.61N	148-05.41W	g	LFEX01MV
0458	210904	0	TDCT		UCTD #90 on deck	WHOI	34-51.14N	148-10.03W	g	LFEX01MV
0718	230904	0	TDCT		UCTD #91 deployed	WHOI	34-52.11N	148-20.95W	g	LFEX01MV
0737	230904	0	TDCT	X	UCTD #91 on deck	WHOI	34-52.41N	148-25.66W	g	LFEX01MV
0747	230904	0	TDCT		Re-deploy UCTD #91	WHOI	34-52.57N	148-28.16W	g	LFEX01MV
0806	230904	0	TDCT		UCTD #91 on deck	WHOI	34-52.88N	148-32.98W	g	LFEX01MV
0814	230904	0	TDCT		UCTD #92 deployed	WHOI	34-53.01N	148-35.01W	g	LFEX01MV
0833	230904	0	TDCT		UCTD #92 on deck	WHOI	34-53.31N	148-39.85W	g	LFEX01MV
0845	230904	0	TDCT		UCTD #93 deployed	WHOI	34-53.51N	148-42.91W	g	LFEX01MV
0903	230904	0	TDCT		UCTD #93 on deck	WHOI	34-53.80N	148-47.46W	g	LFEX01MV
0912	230904	0	TDCT		UCTD #94 deployed	WHOI	34-53.94N	148-49.74W	g	LFEX01MV
0934	230904	0	TDCT		UCTD #94 on deck	WHOI	34-54.29N	148-55.26W	g	LFEX01MV
0941	230904	0	TDCT		UCTD #95 deployed	WHOI	34-54.40N	148-57.01W	g	LFEX01MV
1001	230904	0	TDCT		UCTD #95 on deck	WHOI	34-54.72N	149-01.94W	g	LFEX01MV
1012	230904	0	TDCT		UCTD #96 deployed	WHOI	34-54.89N	149-04.65W	g	LFEX01MV
1030	230904	0	TDCT		UCTD #96 on deck	WHOI	34-55.17N	149-09.07W	g	LFEX01MV
1050	230904	0	TDCT		UCTD #97 deployed	WHOI	34-55.48N	149-14.01W	g	LFEX01MV
1105	230904	0	TDCT		UCTD #97 on deck	WHOI	34-55.72N	149-17.80W	g	LFEX01MV
1116	230904	0	TDCT		UCTD #98 deployed	WHOI	34-55.90N	149-20.57W	g	LFEX01MV
1134	230904	0	TDCT		UCTD #98 on deck	WHOI	34-56.18N	149-25.07W	g	LFEX01MV
1152	230904	0	TDCT		UCTD #99 deployed	WHOI	34-56.47N	149-29.48W	g	LFEX01MV
1212	230904	0	TDCT		UCTD #99 on deck	WHOI	34-56.78N	149-34.41W	g	LFEX01MV
1220	230904	0	TDCT		UCTD #100 deployed	WHOI	34-56.90N	149-36.39W	g	LFEX01MV
1240	230904	0	TDCT		UCTD #100 on deck	WHOI	34-57.22N	149-41.35W	g	LFEX01MV
1250	230904	0	TDCT		UCTD #101 deployed	WHOI	34-57.38N	149-43.83W	g	LFEX01MV
1310	230904	0	TDCT		UCTD #101 on deck	WHOI	34-57.69N	149-48.87W	g	LFEX01MV
1316	230904	0	TDCT		UCTD #102 deployed	WHOI	34-57.79N	149-50.37W	g	LFEX01MV
1345	230904	0	TDCT		UCTD #102 on deck	WHOI	34-58.25N	149-57.65W	g	LFEX01MV
1355	230904	0	TDCT		UCTD #103 deployed	WHOI	34-58.41N	150-00.16W	g	LFEX01MV
1415	230904	0	TDCT		UCTD #103 on deck	WHOI	34-58.73N	150-05.15W	g	LFEX01MV
1420	230904	0	TDCT		UCTD #104 deployed	WHOI	34-58.81N	150-06.40W	g	LFEX01MV
1447	230904	0	TDCT		UCTD #104 on deck	WHOI	34-59.24N	150-13.16W	g	LFEX01MV
1455	230904	0	TDCT		UCTD #105 deployed	WHOI	34-59.37N	150-15.16W	g	LFEX01MV
1515	230904	0	TDCT		UCTD #105 on deck	WHOI	34-59.68N	150-20.07W	g	LFEX01MV
1550	230904	0	TDCT		UCTD #106 deployed	WHOI	35-00.23N	150-28.73W	g	LFEX01MV
1608	230904	0	TDCT		UCTD #106 on deck	WHO	35-00.50N	150-33.08W	g	LFEX01MV
1621	230904	0	TDCT		UCTD #107 deployed	WHOI	35-00.70N	150-36.16W	g	LFEX01MV
1641	230904	0	TDCT		UCTD #107 on deck	WHOI	35-01.00N	150-40.96W	g	LFEX01MV
1656	230904	0	TDCT		UCTD #108 deployed	WHOI	35-01.23N	150-44.61W	g	LFEX01MV
1715	230904	0	TDCT		UCTD #108 on deck	WHOI	35-01.53N	150-49.22W	g	LFEX01MV
1725	230904	0	TDCT		UCTD #109 deployed	WHOI	35-01.68N	150-51.68W	g	LFEX01MV
1742	230904	0	TDCT		UCTD #109 on deck	WHOI	35-01.94N	150-55.83W	g	LFEX01MV
1751	230904	0	TDCT		UCTD #110 deployed	WHOI	35-02.08N	150-58.03W	g	LFEX01MV
1810	230904	0	TDCT		UCTD #110 on deck	WHOI	35-02.38N	151-02.64W	g	LFEX01MV
1825	230904	0	TDCT		UCTD #111 deployed	WHOI	35-02.60N	151-06.29W	g	LFEX01MV
1844	230904	0	TDCT		UCTD #111 on deck	WHOI	35-02.90N	151-10.91W	g	LFEX01MV
1855	230904	0	TDCT		UCTD #112 deployed	WHOI	35-03.07N	151-13.57W	g	LFEX01MV
1915	230904	0	TDCT		UCTD #112 on deck	WHOI	35-03.38N	151-18.42W	g	LFEX01MV
1925	230904	0	TDCT		UCTD #113 deployed	WHOI	35-03.54N	151-20.91W	g	LFEX01MV
1946	230904	0	TDCT		UCTD #113 on deck	WHOI	35-03.86N	151-26.12W	g	LFEX01MV
1952	230904	0	TDCT		UCTD #114 deployed	WHOI	35-03.96N	151-27.60W	g	LFEX01MV
2012	230904	0	TDCT		UCTD #114 on deck	WHOI	35-04.27N	151-32.53W	g	LFEX01MV
2020	230904	0	TDCT		UCTD #115 deployed	WHOI	35-04.39N	151-34.50W	g	LFEX01MV
2040	230904	0	TDCT		UCTD #115 on deck	WHOI	35-04.71N	151-39.49W	g	LFEX01MV
2059	230904	0	TDCT		UCTD #116 deployed	WHOI	35-05.01N	151-44.21W	g	LFEX01MV
2118	230904	0	TDCT		UCTD #116 on deck	WHOI	35-05.31N	151-48.91W	g	LFEX01MV
2130	230904	0	TDCT		UCTD #117 deployed	WHOI	35-05.49N	151-51.86W	g	LFEX01MV
2146	230904	0	TDCT		UCTD #117 on deck	WHOI	35-05.74N	151-55.72W	g	LFEX01MV

#GMT TIME	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
2157	230904	0	TDCT		UCTD #118 deployed	WHOI	35-05.91N	151-58.38W	g	LFEX01MV
2216	230904	0	TDCT		UCTD #118 on deck	WHOI	35-06.20N	152-02.99W	g	LFEX01MV
2229	230904	0	TDCT		UCTD #119 deployed	WHOI	35-06.40N	152-06.17W	g	LFEX01MV
2247	230904	0	TDCT		UCTD #119 on deck	WHOI	35-06.67N	152-10.48W	g	LFEX01MV
2305	230904	0	TDCT		UCTD #120 deployed	WHOI	35-06.95N	152-14.82W	g	LFEX01MV
2323	230904	0	TDCT		UCTD #120 on deck	WHOI	35-07.22N	152-19.16W	g	LFEX01MV
2336	230904	0	TDCT		UCTD #121 deployed	WHOI	35-07.42N	152-22.31W	g	LFEX01MV
2356	230904	0	TDCT		UCTD #121 on deck	WHOI	35-07.73N	152-27.06W	g	LFEX01MV
0010	240904	0	TDCT		UCTD #122 deployed	WHOI	35-07.94N	152-30.36W	g	LFEX01MV
0030	240904	0	TDCT		UCTD #122 on deck	WHOI	35-08.23N	152-35.04W	g	LFEX01MV
0041	240904	0	TDCT		UCTD #123 deployed	WHOI	35-08.39N	152-37.61W	g	LFEX01MV
0100	240904	0	TDCT		UCTD #123 on deck	WHOI	35-08.67N	152-42.03W	g	LFEX01MV
0114	240904	0	TDCT		UCTD #124 deployed	WHOI	35-08.88N	152-45.31W	g	LFEX01MV
0134	240904	0	TDCT		UCTD #124 on deck	WHOI	35-09.18N	152-50.00W	g	LFEX01MV
0143	240904	0	TDCT		UCTD #125 deployed	WHOI	35-09.31N	152-52.10W	g	LFEX01MV
0205	240904	0	TDCT		UCTD #125 on deck	WHOI	35-09.64N	152-57.27W	g	LFEX01MV
0210	240904	0	TDCT		UCTD #126 delpoyed	WHOI	35-09.71N	152-58.45W	g	LFEX01MV
0230	240904	0	TDCT		UCTD #126 on deck	WHOI	35-10.01N	153-03.13W	g	LFEX01MV
0239	240904	0	TDCT		UCTD #127 deployed	WHOI	35-10.14N	153-05.23W	g	LFEX01MV
0259	240904	0	TDCT		UCTD #127 on deck	WHOI	35-10.44N	153-09.91W	g	LFEX01MV
0310	240904	0	TDCT		UCTD #128 deployed	WHOI	35-10.60N	153-12.52W	g	LFEX01MV
0330	240904	0	TDCT		UCTD #128 on deck	WHOI	35-10.91N	153-17.28W	g	LFEX01MV
0341	240904	0	TDCT		UCTD #129 deployed	WHOI	35-11.07N	153-19.89W	g	LFEX01MV
0359	240904	0	TDCT		UCTD #129 on deck	WHOI	35-11.35N	153-24.25W	g	LFEX01MV
0408	240904	0	TDCT		UCTD #130 deployed	WHOI	35-11.48N	153-26.43W	g	LFEX01MV
0427	240904	0	TDCT		UCTD #130 on deck	WHOI	35-11.77N	153-31.00W	g	LFEX01MV
0437	240904	0	TDCT		UCTD #131 deployed	WHOI	35-11.92N	153-33.40W	g	LFEX01MV
0456	240904	0	TDCT		UCTD #131 on deck	WHOI	35-12.21N	153-37.92W	g	LFEX01MV
0506	240904	0	TDCT		UCTD #132 deployed	WHOI	35-12.36N	153-40.32W	g	LFEX01MV
0526	240904	0	TDCT		UCTD #132 on deck	WHOI	35-12.66N	153-45.02W	g	LFEX01MV
0535	240904	0	TDCT		UCTD #133 deployed	WHOI	35-12.79N	153-47.12W	g	LFEX01MV
0555	240904	0	TDCT		UCTD #133 on deck	WHOI	35-13.09N	153-51.81W	g	LFEX01MV
0615	240904	0	TDCT		UCTD #134 deployed	WHOI	35-13.29N	153-54.89W	g	LFEX01MV
0635	240904	0	TDCT		UCTD #134 on deck	WHOI	35-13.58N	153-59.63W	g	LFEX01MV
0647	240904	0	TDCT		UCTD #135 deployed	WHOI	35-13.76N	154-02.48W	g	LFEX01MV
0707	240904	0	TDCT		UCTD #135 on deck	WHOI	35-14.07N	154-07.26W	g	LFEX01MV
0720	240904	0	TDCT		UCTD #136 deployed	WHOI	35-14.26N	154-10.37W	g	LFEX01MV
0740	240904	0	TDCT		UCTD #136 on deck	WHOI	35-14.57N	154-15.18W	g	LFEX01MV
0747	240904	0	TDCT		UCTD #137 deployed	WHOI	35-14.67N	154-16.89W	g	LFEX01MV
0807	240904	0	TDCT		UCTD #137 on deck	WHOI	35-14.98N	154-21.75W	g	LFEX01MV
0825	240904	0	TDCT		UCTD #138 deployed	WHOI	35-15.26N	154-26.16W	g	LFEX01MV
0844	240904	0	TDCT		UCTD #138 on deck	WHOI	35-15.55N	154-30.76W	g	LFEX01MV
0855	240904	0	TDCT		UCTD #139 deployed	WHOI	35-15.72N	154-33.41W	g	LFEX01MV
0918	240904	0	TDCT		UCTD #139 on deck	WHOI	35-16.07N	154-38.90W	g	LFEX01MV
0928	240904	0	TDCT		UCTD #140 deployed	WHOI	35-16.21N	154-41.28W	g	LFEX01MV
0950	240904	0	TDCT		UCTD #140 on deck	WHOI	35-16.54N	154-46.48W	g	LFEX01MV
0518	260904	0	TDCT		UCTD #142 deployed	WHOI	35-17.15N	154-59.70W	g	LFEX01MV
0539	260904	0	TDCT		UCTD #142 on deck	WHOI	35-17.17N	155-04.75W	g	LFEX01MV
0555	260904	0	TDCT		UCTD #143 deployed	WHOI	35-17.18N	155-08.59W	g	LFEX01MV
0615	260904	0	TDCT		UCTD #143 on deck	WHOI	35-17.20N	155-13.46W	g	LFEX01MV
0623	260904	0	TDCT		UCTD #144 deployed	WHOI	35-17.21N	155-15.42W	g	LFEX01MV
0643	260904	0	TDCT		UCTD #144 on deck	WHOI	35-17.22N	155-20.30W	g	LFEX01MV
0651	260904	0	TDCT		UCTD #145 deployed	WHOI	35-17.23N	155-22.26W	g	LFEX01MV
0711	260904	0	TDCT		UCTD #145 on deck	WHOI	35-17.25N	155-27.18W	g	LFEX01MV
0725	260904	0	TDCT		UCTD #146 deployed	WHOI	35-17.26N	155-30.65W	g	LFEX01MV
0745	260904	0	TDCT		UCTD #146 on deck	WHOI	35-17.28N	155-35.59W	g	LFEX01MV
0754	260904	0	TDCT		UCTD #147 deployed	WHOI	35-17.29N	155-37.84W	g	LFEX01MV
0814	260904	0	TDCT		UCTD #147 on deck	WHOI	35-17.31N	155-42.84W	g	LFEX01MV
0821	260904	0	TDCT		UCTD #148 deployed	WHOI	35-17.32N	155-44.58W	g	LFEX01MV
0840	260904	0	TDCT		UCTD #148 on deck	WHOI	35-17.33N	155-49.27W	g	LFEX01MV

#GMT TIME	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0847	260904	0	TDCT		UCTD #149 deployed	WHOI	35-17.34N	155-50.97W	g	LFEX01MV
0907	260904	0	TDCT		UCTD #149 on deck	WHOI	35-17.36N	155-55.83W	g	LFEX01MV
0938	260904	0	TDCT		UCTD #150 deployed	WHOI	35-17.38N	156-03.45W	g	LFEX01MV
0956	260904	0	TDCT		UCTD #150 on deck	WHOI	35-17.40N	156-07.91W	g	LFEX01MV
1008	260904	0	TDCT		UCTD #151 deployed	WHOI	35-17.41N	156-10.92W	g	LFEX01MV
1028	260904	0	TDCT		UCTD #151 on deck	WHOI	35-17.43N	156-15.78W	g	LFEX01MV
1039	260904	0	TDCT		UCTD #152 deployed	WHOI	35-17.44N	156-18.46W	g	LFEX01MV
1058	260904	0	TDCT		UCTD #152 on deck	WHOI	35-17.46N	156-23.07W	g	LFEX01MV
1110	260904	0	TDCT		UCTD #153 deployed	WHOI	35-17.47N	156-25.99W	g	LFEX01MV
1130	260904	0	TDCT		UCTD #153 on deck	WHOI	35-17.49N	156-30.80W	g	LFEX01MV
1148	260904	0	TDCT		UCTD #154 deployed	WHOI	35-17.51N	156-35.12W	g	LFEX01MV
1209	260904	0	TDCT		UCTD #154 on deck	WHOI	35-17.53N	156-40.15W	g	LFEX01MV
1219	260904	0	TDCT		UCTD #155 deployed	WHOI	35-17.53N	156-42.56W	g	LFEX01MV
1238	260904	0	TDCT		UCTD #155 on deck	WHOI	35-17.55N	156-47.20W	g	LFEX01MV
1248	260904	0	TDCT		UCTD #156 deployed	WHOI	35-17.56N	156-49.68W	g	LFEX01MV
1307	260904	0	TDCT		UCTD #156 on deck	WHOI	35-17.58N	156-54.34W	g	LFEX01MV
1322	260904	0	TDCT		UCTD #157 deployed	WHOI	35-17.59N	156-58.01W	g	LFEX01MV
1342	260904	0	TDCT		UCTD #157 on deck	WHOI	35-17.61N	157-02.91W	g	LFEX01MV
1402	260904	0	TDCT		UCTD #158 deployed	WHOI	35-17.63N	157-07.86W	g	LFEX01MV
1425	260904	0	TDCT		UCTD #158 on deck	WHOI	35-17.65N	157-13.54W	g	LFEX01MV
1441	260904	0	TDCT		UCTD #159 deployed	WHOI	35-17.66N	157-17.49W	g	LFEX01MV
1503	260904	0	TDCT		UCTD #159 on deck	WHOI	35-17.68N	157-22.89W	g	LFEX01MV
1514	260904	0	TDCT		UCTD #160 deployed	WHOI	35-17.69N	157-25.62W	g	LFEX01MV
1536	260904	0	TDCT		UCTD #160 on deck	WHOI	35-17.71N	157-31.01W	g	LFEX01MV
1547	260904	0	TDCT		UCTD #161 deployed	WHOI	35-17.72N	157-33.69W	g	LFEX01MV
1609	260904	0	TDCT		UCTD #161 on deck	WHOI	35-17.74N	157-39.01W	g	LFEX01MV
1624	260904	0	TDCT		UCTD #161 deployed	WHOI	35-17.76N	157-42.65W	g	LFEX01MV
1643	260904	0	TDCT		UCTD #161 on deck	WHOI	35-17.77N	157-47.19W	g	LFEX01MV
1705	260904	0	TDCT		UCTD #162 deployed	WHOI	35-17.79N	157-52.41W	g	LFEX01MV
1725	260904	0	TDCT		UCTD #162 on deck	WHOI	35-17.81N	157-57.05W	g	LFEX01MV
1736	260904	0	TDCT		UCTD #163 deployed	WHOI	35-17.82N	157-59.56W	g	LFEX01MV
1756	260904	0	TDCT		UCTD #163 on deck	WHOI	35-17.84N	158-04.11W	g	LFEX01MV
1808	260904	0	TDCT		UCTD #164 deployed	WHOI	35-17.85N	158-06.81W	g	LFEX01MV
1828	260904	0	TDCT		UCTD #164 on deck	WHOI	35-17.87N	158-11.32W	g	LFEX01MV
1850	260904	0	TDCT		UCTD #165 deployed	WHOI	35-17.89N	158-16.37W	g	LFEX01MV
1909	260904	0	TDCT		UCTD #165 on deck	WHOI	35-17.90N	158-20.79W	g	LFEX01MV
1917	260904	0	TDCT		UCTD #166 deployed	WHOI	35-17.91N	158-22.64W	g	LFEX01MV
1936	260904	0	TDCT		UCTD #166 on deck	WHOI	35-17.93N	158-27.00W	g	LFEX01MV
1945	260904	0	TDCT		UCTD #167 deployed	WHOI	35-17.93N	158-29.09W	g	LFEX01MV
2005	260904	0	TDCT		UCTD #167 on deck	WHOI	35-17.95N	158-33.75W	g	LFEX01MV
2012	260904	0	TDCT		UCTD #168 deployed	WHOI	35-17.95N	158-35.38W	g	LFEX01MV
2032	260904	0	TDCT		UCTD #168 on deck	WHOI	35-17.97N	158-40.12W	g	LFEX01MV
2037	260904	0	TDCT		UCTD #169 deployed	WHOI	35-17.98N	158-41.30W	g	LFEX01MV
2057	260904	0	TDCT		UCTD #169 on deck	WHOI	35-17.99N	158-46.09W	g	LFEX01MV
2106	260904	0	TDCT		UCTD #170 deployed	WHOI	35-18.00N	158-48.29W	g	LFEX01MV
2126	260904	0	TDCT		UCTD #170 on deck	WHOI	35-18.02N	158-53.22W	g	LFEX01MV
2132	260904	0	TDCT		UCTD #171 deployed	WHOI	35-18.03N	158-54.73W	g	LFEX01MV
2152	260904	0	TDCT		UCTD #171 on deck	WHOI	35-18.04N	158-59.74W	g	LFEX01MV
2201	260904	0	TDCT		UCTD #172 deployed	WHOI	35-18.05N	159-02.01W	g	LFEX01MV
2219	260904	0	TDCT		UCTD #172 on deck	WHOI	35-18.07N	159-06.51W	g	LFEX01MV
2230	260904	0	TDCT		UCTD #173 deployed	WHOI	35-18.08N	159-09.22W	g	LFEX01MV
2250	260904	0	TDCT		UCTD #173 on deck	WHOI	35-18.10N	159-14.14W	g	LFEX01MV
2301	260904	0	TDCT		UCTD #174 deployed	WHOI	35-18.11N	159-16.84W	g	LFEX01MV
2317	260904	0	TDCT		UCTD #174 on deck	WHOI	35-18.12N	159-19.60W	g	LFEX01MV
0412	270904	0	TDCT		UCTD #175 deployed	WHOI	35-18.40N	160-32.18W	g	LFEX01MV
0433	270904	0	TDCT		UCTD #175 on deck	WHOI	35-18.42N	160-37.06W	g	LFEX01MV
0505	270904	0	TDCT		UCTD #176 deployed	WHOI	35-18.45N	160-44.51W	g	LFEX01MV
0527	270904	0	TDCT		UCTD #176 on deck	WHOI	35-18.47N	160-49.58W	g	LFEX01MV

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#GMT DDMMYY    SAMP B SAMPLE               DISP                        p CRUISE
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#*** Conductivity, Temperature, Depth ***

1400 160904  0 TDCT   CTD T250 deployed    WHOI 33-52.21N 140-19.46W g LFEX01MV
1537 160904  0 TDCT   CTD T250 aborted, on WHOI 33-52.19N 140-19.38W g LFEX01MV
1942 170904  0 TDCT   CTD T-250 deployed   WHOI 33-52.21N 140-19.39W g LFEX01MV
2129 170904  0 TDCT   CTD T250 @ 5240m     WHOI 33-52.22N 140-19.39W g LFEX01MV
2324 170904  0 TDCT   CTD T250 on deck     WHOI 33-52.21N 140-19.39W g LFEX01MV
1122 180904  0 TDCT   CTD T-500 deployed   WHOI 34-14.92N 142-52.95W g LFEX01MV
1304 180904  0 TDCT   CTD T-500 @ depth 54 WHOI 34-14.93N 142-52.95W g LFEX01MV
1520 180904  0 TDCT   CTD T-500 on deck    WHOI 34-14.93N 142-52.95W g LFEX01MV
0546 210904  0 TDCT   CTD T-1000 deployed  WHOI 34-51.85N 148-16.81W g LFEX01MV
0734 210904  0 TDCT   CTD T-1000 @ 5207m   WHOI 34-51.85N 148-16.81W g LFEX01MV
0944 210904  0 TDCT   CTD T-1000 on deck   WHOI 34-51.85N 148-16.81W g LFEX01MV
1121 240904  0 TDCT   CTD T-1600 deployed  WHOI 35-17.16N 154-57.00W g LFEX01MV
1132 240904  0 TDCT   CTD T-1600 @ 500m    WHOI 35-17.15N 154-56.98W g LFEX01MV
1152 240904  0 TDCT   CTD T-1600 on deck   WHOI 35-17.16N 154-56.99W g LFEX01MV
1158 240904  0 TDCT   CTD T-1600 re-deploy WHOI 35-17.15N 154-56.99W g LFEX01MV
1340 240904  0 TDCT   CTD T-1600 @ depth 5 WHOI 35-17.16N 154-56.99W g LFEX01MV
1532 240904  0 TDCT   CTD T-1600 on deck   WHOI 35-17.16N 154-56.99W g LFEX01MV
1354 270904  0 TDCT   CTD T-2300 deployed  WHOI 35-18.76N 162-38.88W g LFEX01MV
1405 270904  0 TDCT   CTD T-2300 @ depth 5 WHOI 35-18.76N 162-38.88W g LFEX01MV
1421 270904  0 TDCT   CTD T-2300 on deck   WHOI 35-18.76N 162-38.89W g LFEX01MV
1429 270904  0 TDCT   CTD T-2300 redeploye WHOI 35-18.76N 162-38.89W g LFEX01MV
1608 270904  0 TDCT   CTD T-2300 @ depth 5 WHOI 35-18.76N 162-38.88W g LFEX01MV
1818 270904  0 TDCT   CTD T-2300 on deck   WHOI 35-18.77N 162-38.94W g LFEX01MV
2046 011004  0 TDCT   CTD T-3200 deployed  WHOI 34-38.09N 172-28.61W g LFEX01MV
2055 011004  0 TDCT   CTD T-3200 recovered WHOI 34-38.08N 172-28.59W g LFEX01MV
2255 011004  0 TDCT   CTD T-3200 @ 5790m   WHOI 34-38.09N 172-28.58W g LFEX01MV
0054 021004  0 TDCT   CTD T-3200 on deck   WHOI 34-38.16N 172-28.65W g LFEX01MV
1725 071004  0 TDCT   CTD Kauai deployed   WHOI 22-33.22N 159-15.01W g LFEX01MV
1826 071004  0 TDCT   CTD Kauai @ 3000m    WHOI 22-33.22N 159-15.01W g LFEX01MV
1939 071004  0 TDCT   CTD Kauai on deck    WHOI 22-33.22N 159-15.01W g LFEX01MV


#*** Acoustic Studies ***

1645 160904  0 ACXX   Acoustic source T-25 UWA  33-52.20N 140-19.36W g LFEX01MV
1748 160904  0 ACXX   Hydrophone deployed  UWA  33-52.20N 140-19.36W g LFEX01MV
1738 170904  0 ACXX   Hydrophone on deck   UWA  33-52.21N 140-19.39W g LFEX01MV
2011 170904  0 ACXX   Acoustic source T-25 UWA  33-52.21N 140-19.39W g LFEX01MV
2329 170904  0 ACXX   Interrogator test de UWA  33-52.21N 140-19.39W g LFEX01MV
2330 170904  0 ACXX   Interrogator @ 100m  UWA  33-52.21N 140-19.39W g LFEX01MV
2353 170904  0 ACXX   Interrogator on deck UWA  33-52.21N 140-19.39W g LFEX01MV
1033 180904  0 ACXX   Transponder T-500 de UWA  34-14.50N 142-49.72W g LFEX01MV
1536 180904  0 ACXX   Hydrophone T-500 dep UWA  34-14.95N 142-52.94W g LFEX01MV
1620 180904  0 ACXX   Hydrophone T-500 @ 5 UWA  34-14.95N 142-52.94W g LFEX01MV
1733 180904  0 ACXX   Acoustic source T-50 UWA  34-14.95N 142-52.94W g LFEX01MV
0654 200904  0 ACXX   Acoustic source T-50 UWA  34-14.95N 142-52.93W g LFEX01MV
0736 200904  0 ACXX   Hydrophone T-500 on  UWA  34-14.93N 142-52.99W g LFEX01MV
0516 210904  0 ACXX   Transponder T-1000   UWA  34-51.54N 148-13.56W g LFEX01MV
1001 210904  0 ACXX   Acoustic source T-10 UWA  34-51.84N 148-16.79W g LFEX01MV
1026 210904  0 ACXX   Hydrophone T-1000 de UWA  34-51.83N 148-16.78W g LFEX01MV
1035 210904  0 ACXX   Acoustic source T-10 UWA  34-51.83N 148-16.79W g LFEX01MV
1118 210904  0 ACXX   Hydrophone T-1000 @  UWA  34-51.83N 148-16.79W g LFEX01MV
0348 220904  0 ACXX   Hydrophone T-1000 on UWA  34-51.84N 148-16.79W g LFEX01MV
0640 230904  0 ACXX   Acoustic source T-10 UWA  34-51.83N 148-16.79W g LFEX01MV
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1024 240904  0 ACXX   Transponder T-1600 d UWA  35-17.02N 154-53.70W g LFEX01MV
1546 240904  0 ACXX   Commence Hydrophone  UWA  35-17.16N 154-56.99W g LFEX01MV
1616 240904  0 ACXX   Hydrophone @ depth 5 UWA  35-17.16N 154-57.00W g LFEX01MV
1712 240904  0 ACXX   Acoustic source T-16 UWA  35-17.16N 154-56.99W g LFEX01MV
0420 260904  0 ACXX   Hydrophone on deck   UWA  35-17.16N 154-56.99W g LFEX01MV
0441 260904  0 ACXX   Acoustic source on d UWA  35-17.16N 154-56.99W g LFEX01MV
1303 270904  0 ACXX   Transponder T-2300 d UWA  35-18.87N 162-34.93W g LFEX01MV
1848 270904  0 ACXX   Commence hydrophone  UWA  35-18.75N 162-38.87W g LFEX01MV
1928 270904  0 ACXX   Hydrophone T-2300 @  UWA  35-18.77N 162-38.89W g LFEX01MV
0421 280904  0 ACXX   Hydrophone T-2300 on UWA  35-18.76N 162-38.88W g LFEX01MV
1655 280904  0 ACXX   Hydrophone T-2300 de UWA  35-18.78N 162-38.87W g LFEX01MV
1730 280904  0 ACXX   Hydrophone T-2300 @  UWA  35-18.78N 162-38.86W g LFEX01MV
1843 280904  0 ACXX   Acoustic source T-23 UWA  35-18.79N 162-38.86W g LFEX01MV
0125 300904  0 ACXX   Hydrophone on deck   UWA  35-18.76N 162-38.91W g LFEX01MV
0159 300904  0 ACXX   Acoustic source on d UWA  35-18.75N 162-38.90W g LFEX01MV
2007 011004  0 ACXX   Transponder T3200-5  UWA  34-38.34N 172-24.49W g LFEX01MV
2059 011004  0 ACXX   Redeploy CTD T-3200  UWA  34-38.09N 172-28.58W g LFEX01MV
1658 021004  0 ACXX   Hydrophone T-3200 de UWA  34-37.89N 172-28.34W g LFEX01MV
1730 021004  0 ACXX   Hydrophone T-3200 @  UWA  34-37.91N 172-28.35W g LFEX01MV
1917 021004  0 ACXX   Acoustic source T-32 UWA  34-37.92N 172-28.35W g LFEX01MV
0428 041004  0 ACXX   Acoustic source on d UWA  34-37.93N 172-28.35W g LFEX01MV
0515 041004  0 ACXX   Hydrophone on deck   UWA  34-37.93N 172-28.35W g LFEX01MV
1624 071004  0 ACXX   Transponder TX-1 dep UWA  22-35.42N 159-16.60W g LFEX01MV
1653 071004  0 ACXX   Transponder TX-2 dep UWA  22-34.72N 159-12.56W g LFEX01MV
2017 071004  0 ACXX   Acoustic source Kaua UWA  22-33.24N 159-14.96W g LFEX01MV
2042 071004  0 ACXX   Commence hydrophone  UWA  22-33.24N 159-14.96W g LFEX01MV
2124 071004  0 ACXX   Hydrophone @ 580m    UWA  22-33.24N 159-14.96W g LFEX01MV
0013 081004  0 ACXX   Acoustic source Kaua UWA  22-33.24N 159-14.96W g LFEX01MV
0220 081004  0 ACXX   Acoustic source Kaua UWA  22-33.23N 159-14.96W g LFEX01MV
0538 101004  0 ACXX   Hydrophone on deck   UWA  22-33.22N 159-14.95W g LFEX01MV
0636 101004  0 ACXX   Acoustic source Kaua UWA  22-33.22N 159-14.95W g LFEX01MV


#*** Ocean Bottom Seismometers ***

0820 140904  0 SBOB B OBS 4                SIO  33-23.85N 137-40.95W g LFEX01MV
1500 091004    SBOB C OBS 4                SIO                          LFEX01MV

0901 140904  0 SBOB B OBS 3                SIO  33-25.11N 137-39.68W g LFEX01MV
1500 091004    SBOB C OBS 3                SIO                          LFEX01MV

0935 140904  0 SBOB B OBS 2                SIO  33-26.38N 137-40.95W g LFEX01MV
1500 091004    SBOB C OBS 2                SIO                          LFEX01MV

1017 140904  0 SBOB B OBS 1                SIO  33-25.11N 137-42.28W g LFEX01MV
1500 091004    SBOB C OBS 1                SIO                          LFEX01MV


#*** Drifting Buoy ***

1756 140904  0 BUFV B Seaglider 23         UWA  33-30.73N 138-12.70W g LFEX01MV
1500 091004    BUFV C Seaglider 23         UWA                          LFEX01MV

1958 140904  0 BUFV B Seaglider 22         UWA  33-31.00N 138-12.82W g LFEX01MV
1500 091004    BUFV C Seaglider 22         UWA                          LFEX01MV


#*** Expendable Bathythermograph ***

2310 260904  0 BTXP   T-5 XBT deployed     GDC  35-18.10N 159-18.67W g LFEX01MV

1959 140904  0 BTXP B 103 XBTs deployed    GDC  33-31.00N 138-12.83W g LFEX01MV
0343 041004  0 BTXP E 103 XBTs deployed    GDC  34-37.90N 172-28.35W g LFEX01MV

#                           End Sample Index                          LFEX01MV
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