

*Report and Index of
Underway Marine Geophysical Data*

Zheng He Expedition

Leg 02

(ZHNG02RR)

R/V Roger Revelle

(Issued Mar 2005)

Ports:

Papeete, Tahiti (09-Jan-05)
to
Wellington, NZ (20-Feb-05)

Chief Scientist: Bernadette Sloyan
WHOI
bsloyan@whoi.edu

Computer Tech - Scott Allen
Resident Tech - Ron Comer

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#305

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.

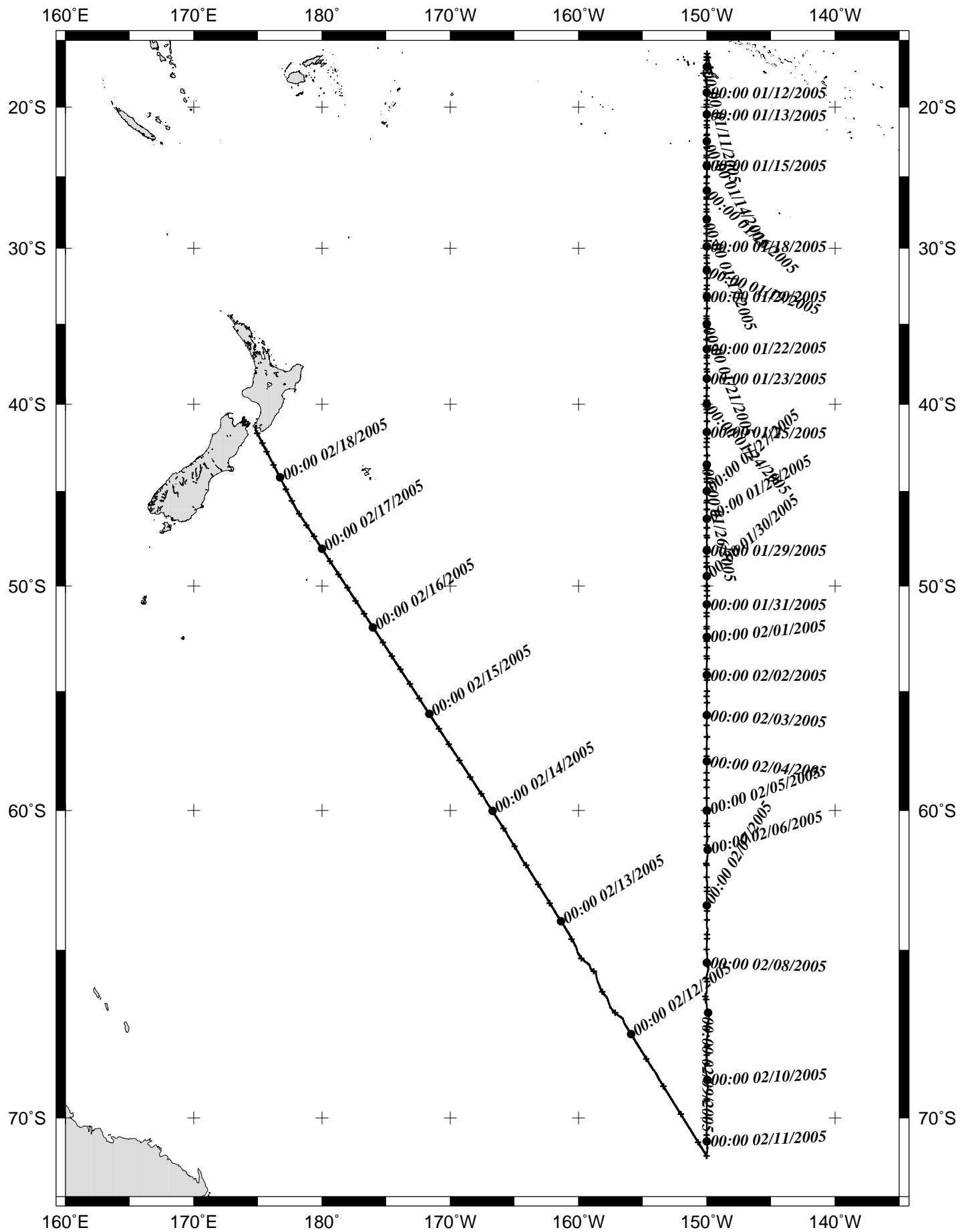
Sample Index - list of begin/end times and positions of all underway records as well as samples and measurements from other disciplines collected on the leg.

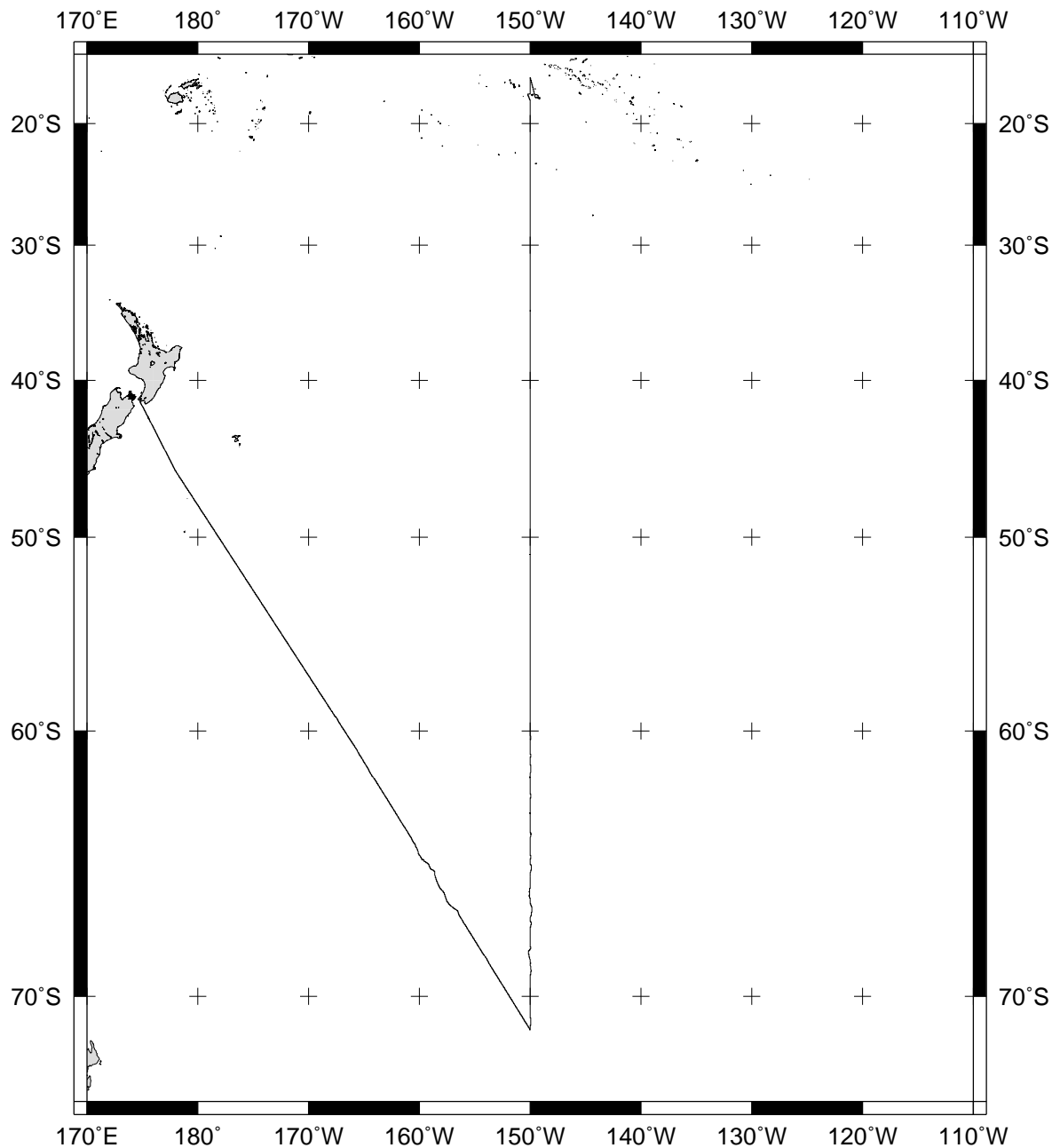
Note:

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





ZHENG HE EXPEDITION LEG 2 (ZHNG02RR)

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CHIEF SCIENTIST: Bernadette Sloyan, Woods Hole

PORTS: Papeete, Tahiti - Wellington, New Zealand

DATES: 9 January - 18 February 2005

SHIP: R/V Revelle

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-5615 miles

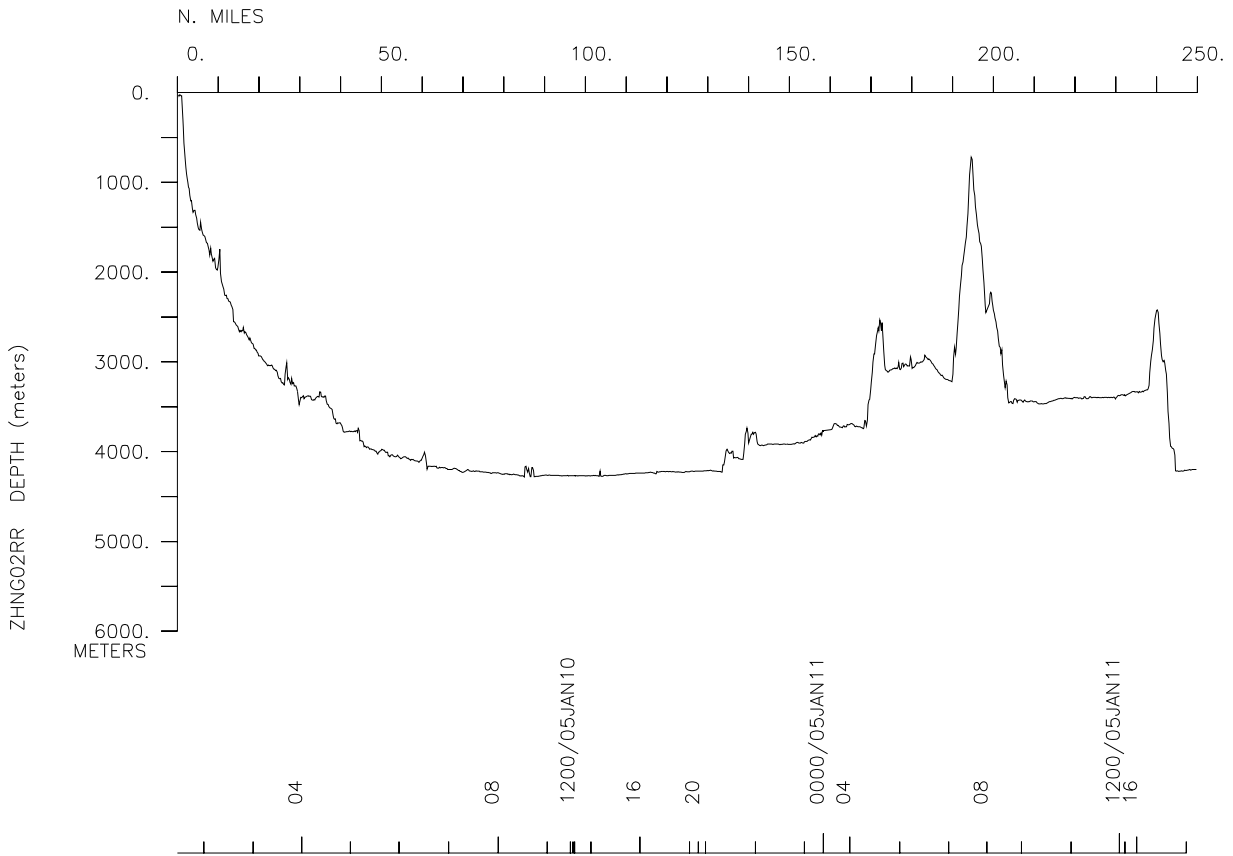
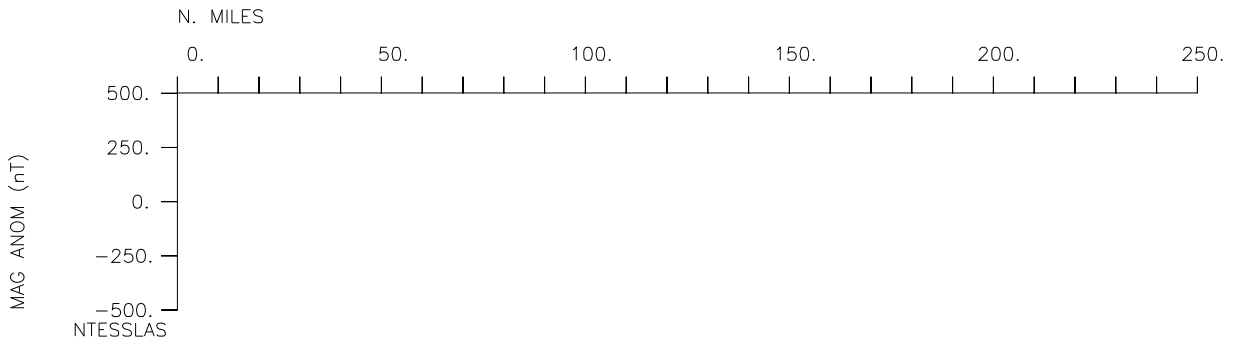
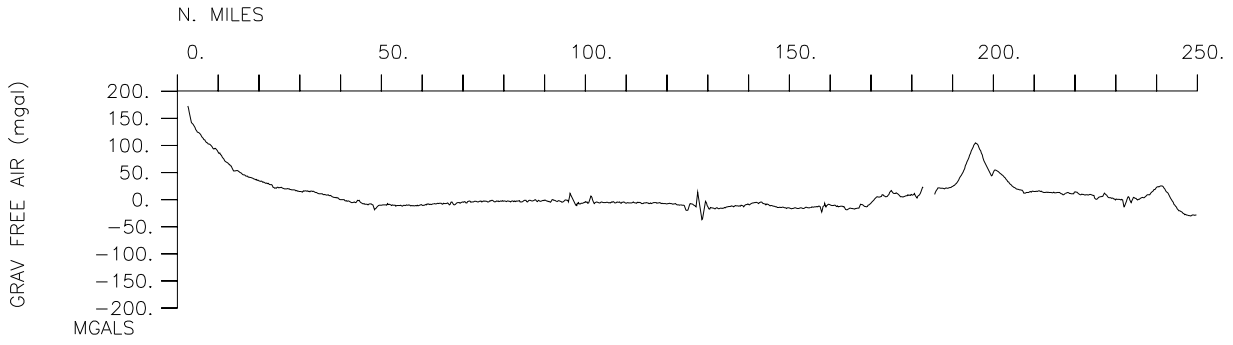
Magnetics-none collected

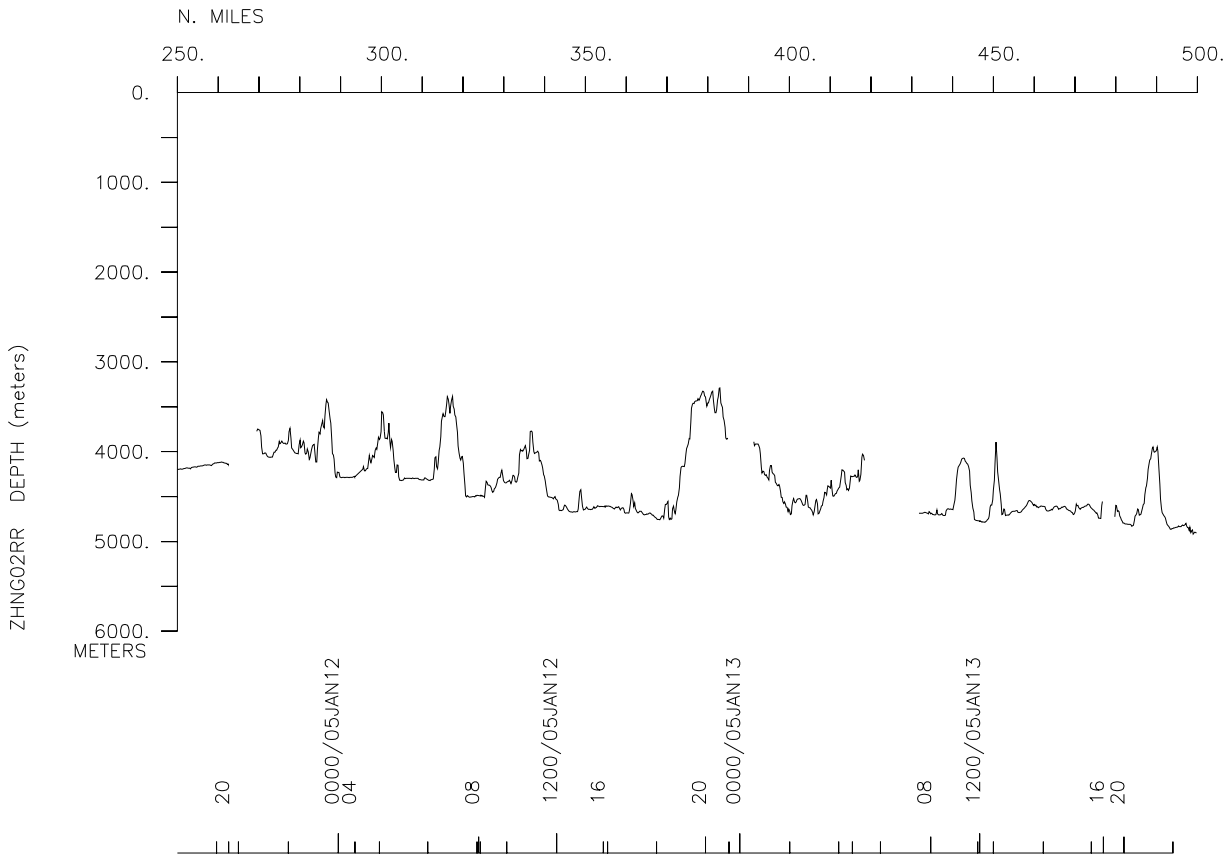
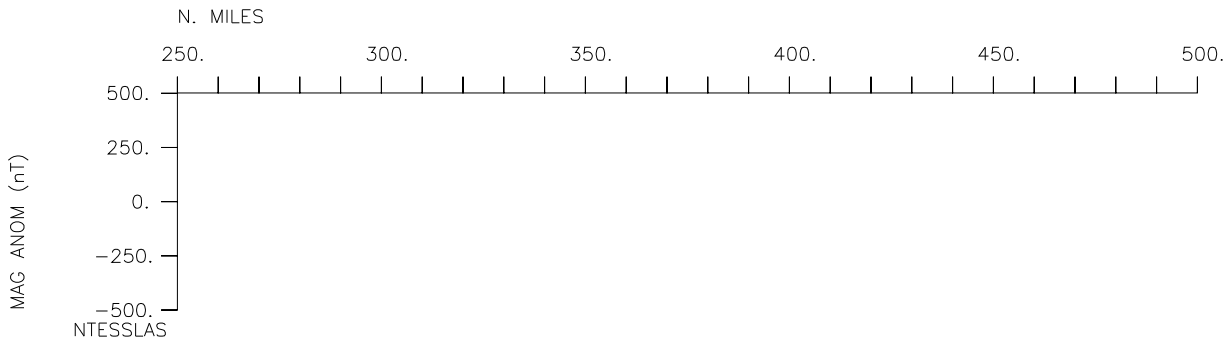
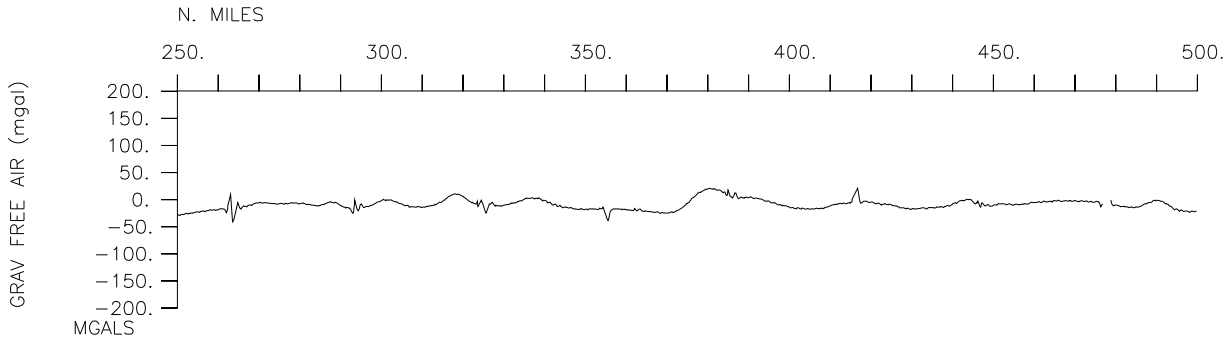
Bathymetry-4677 miles

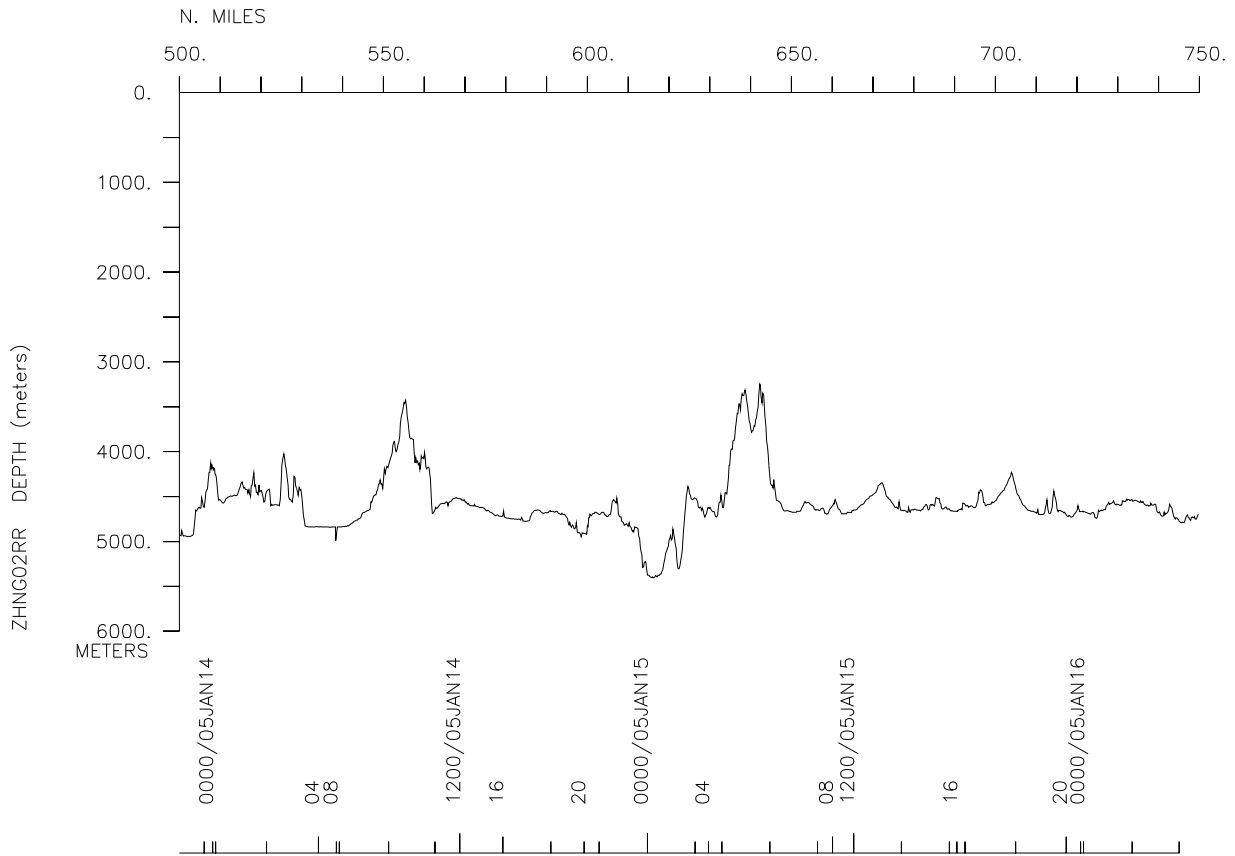
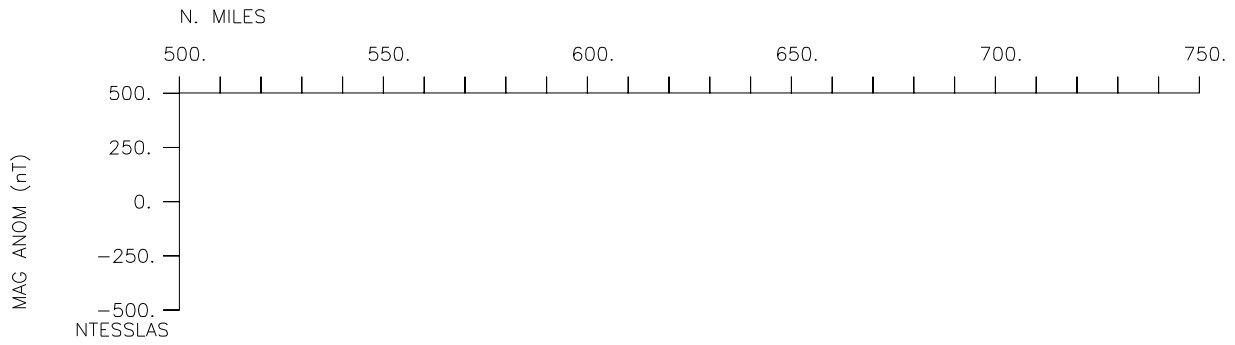
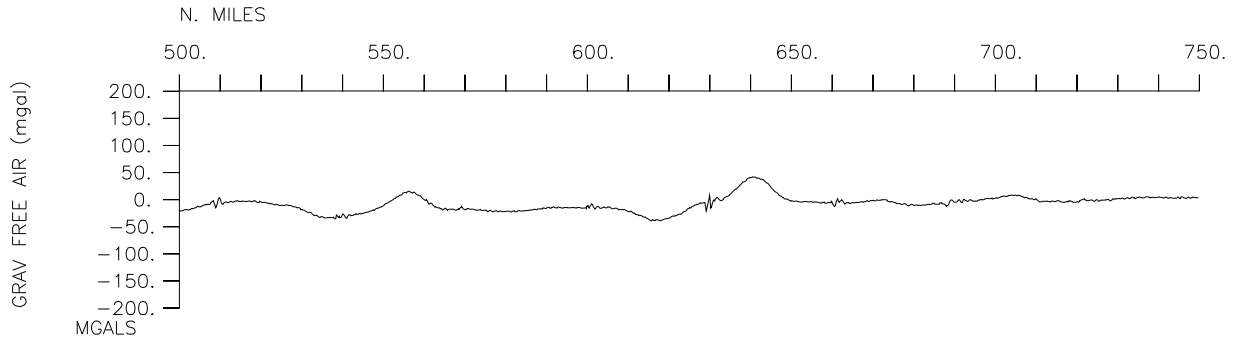
Seismic Reflection-none collected

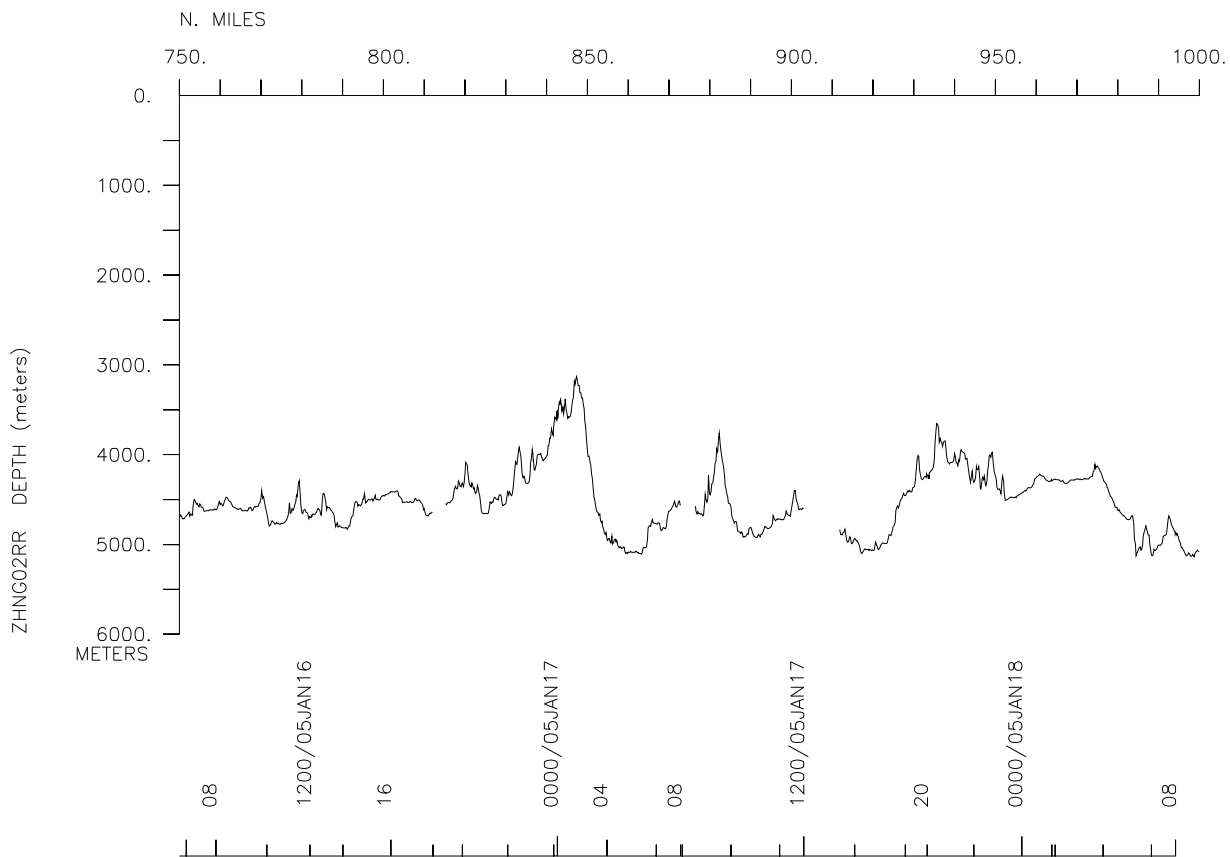
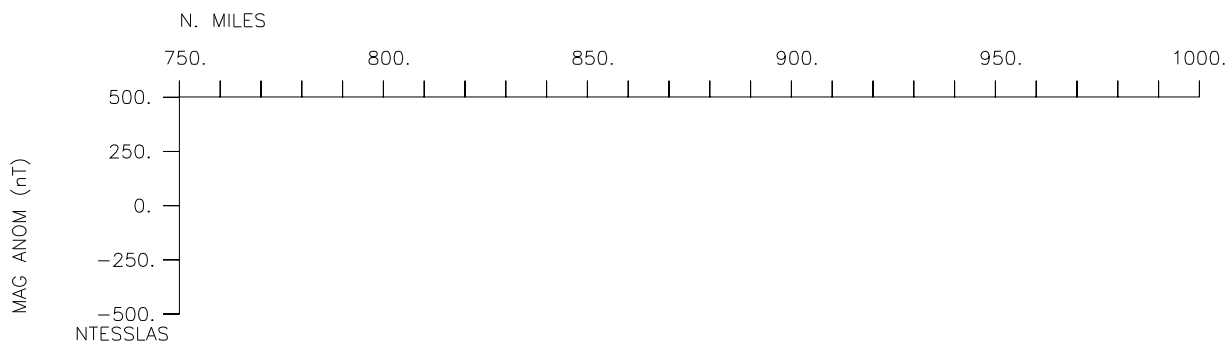
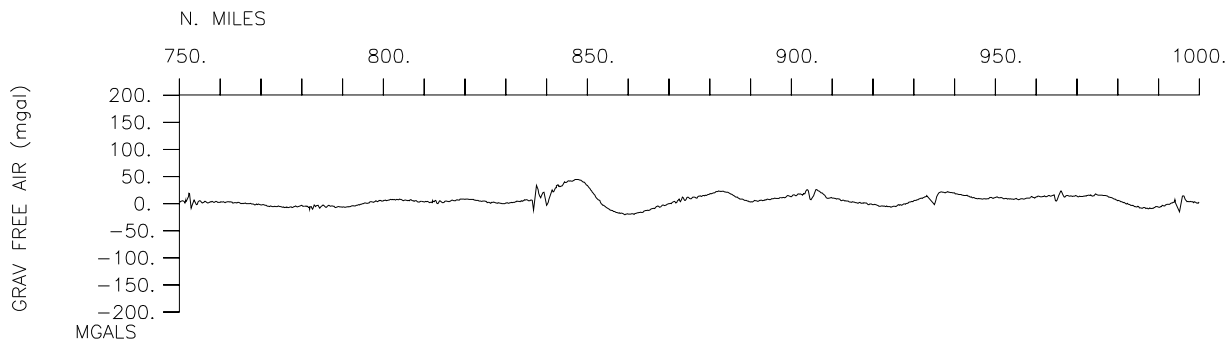
Multibeam-4677 miles

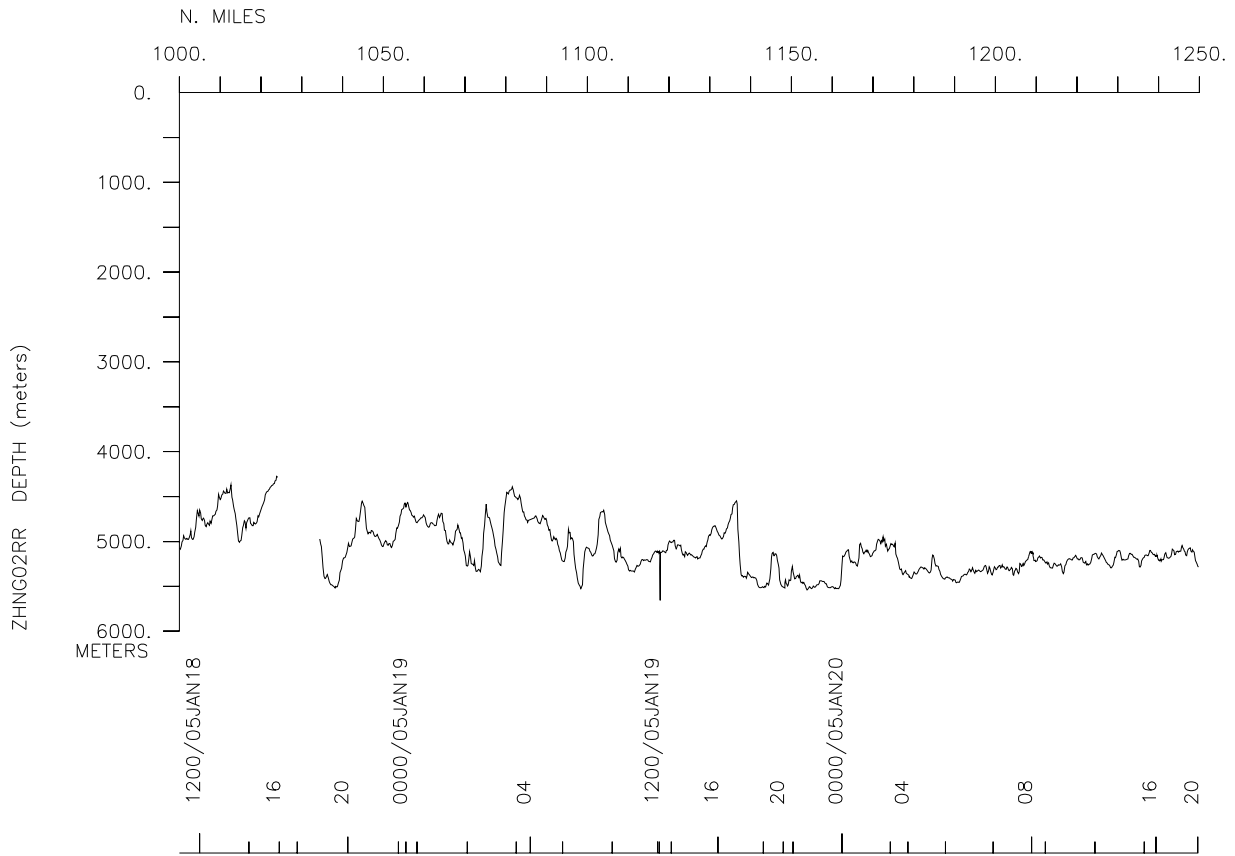
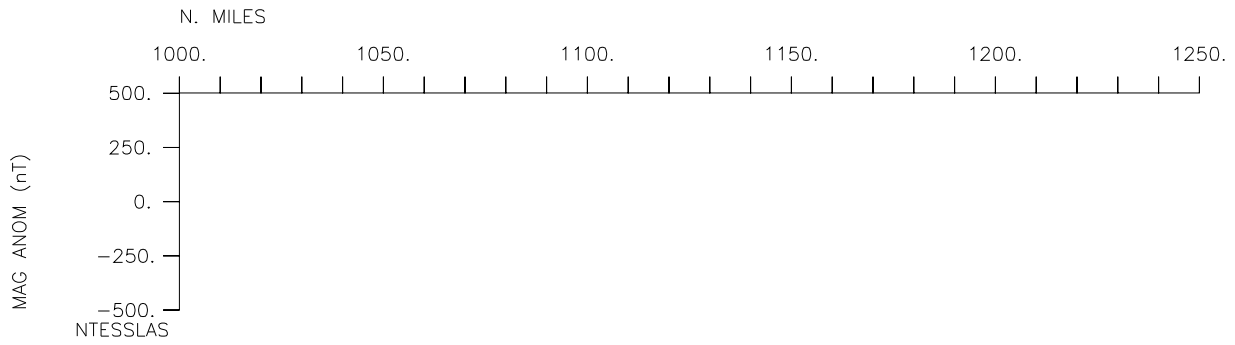
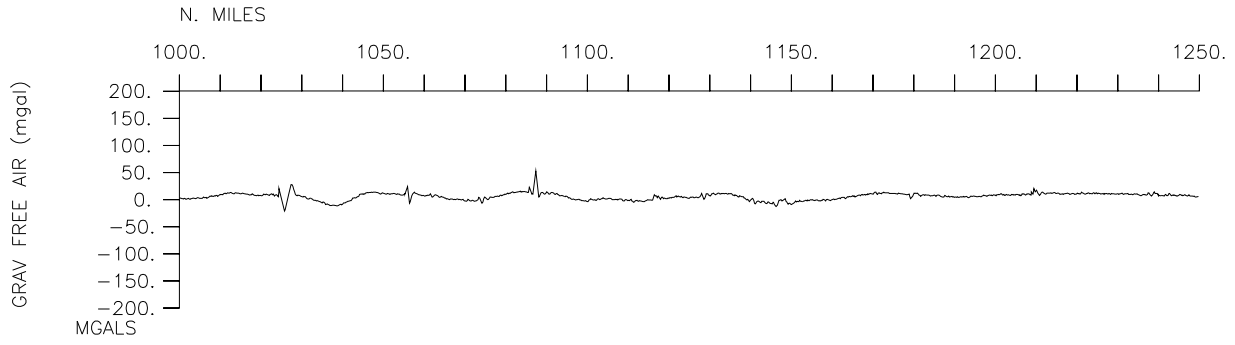
Gravity-5615 miles

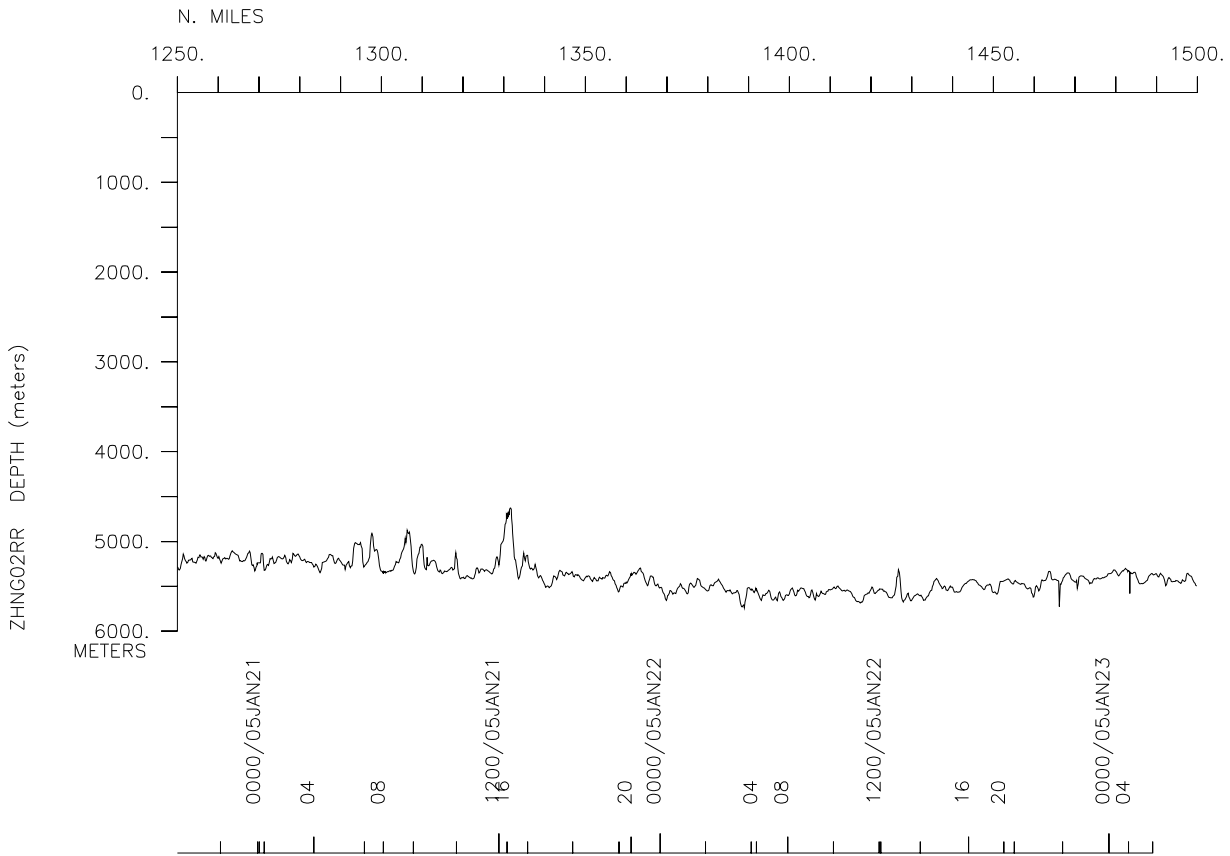
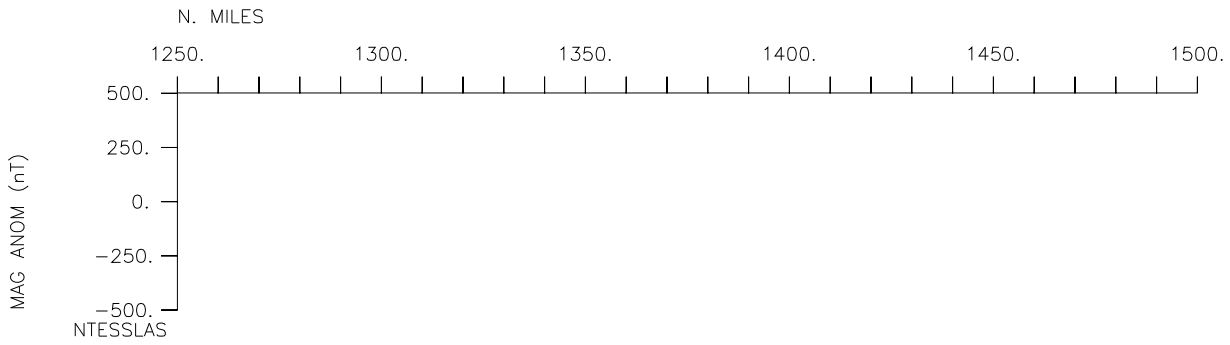
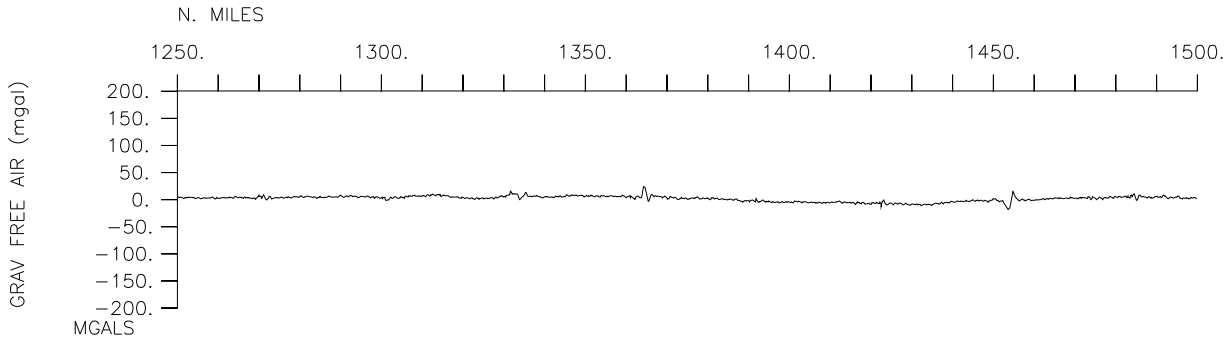


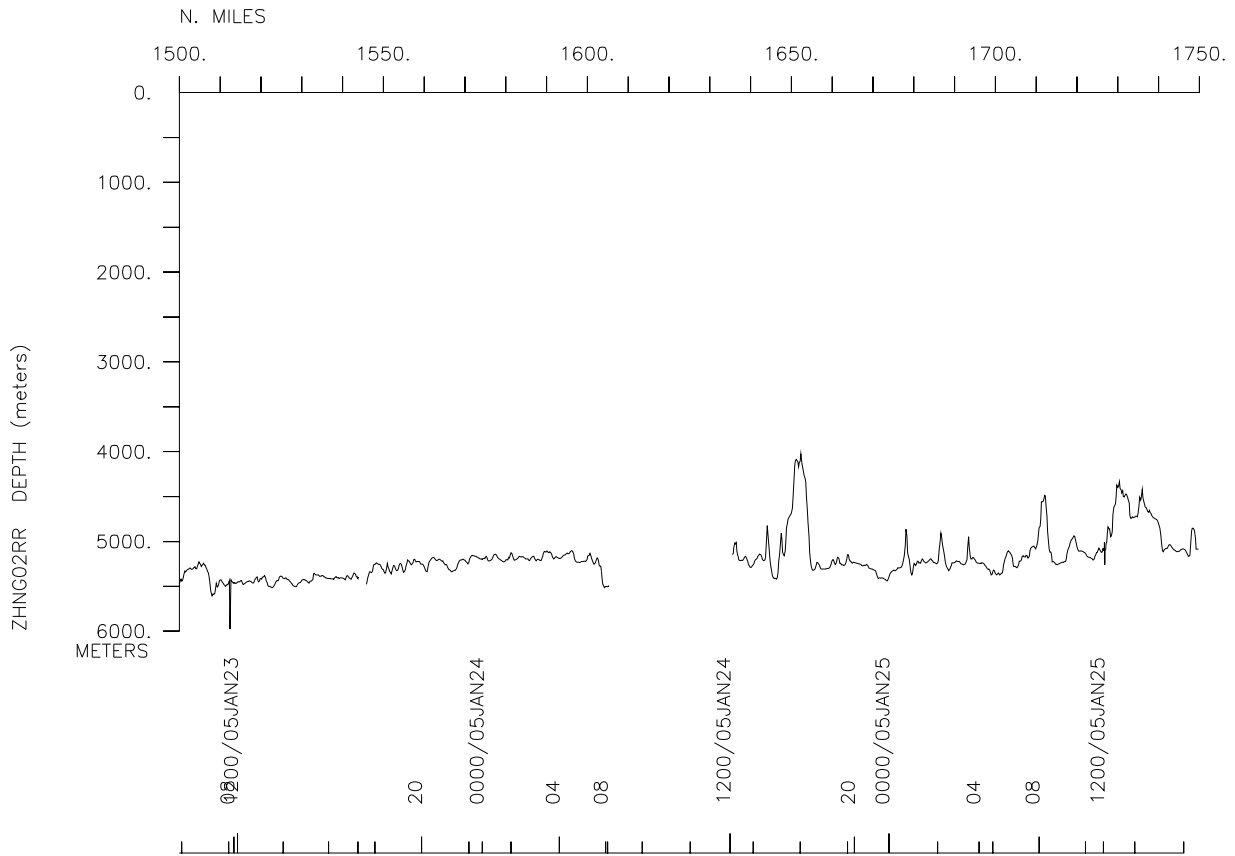
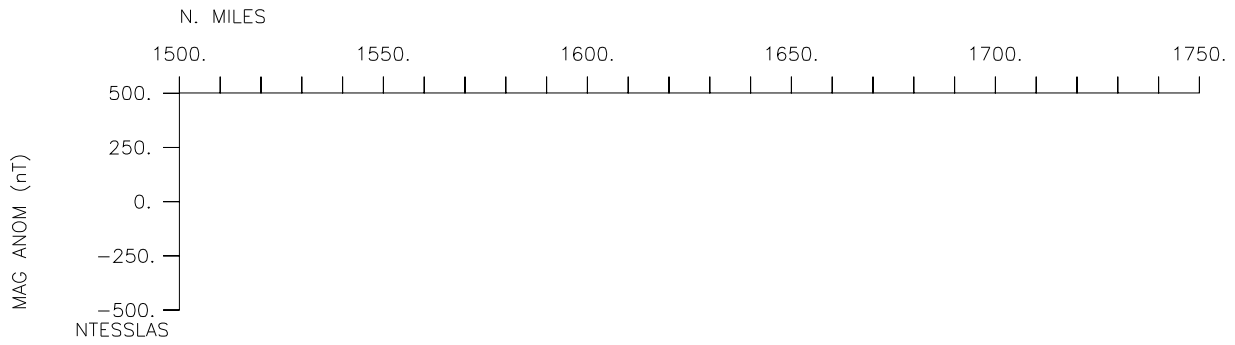
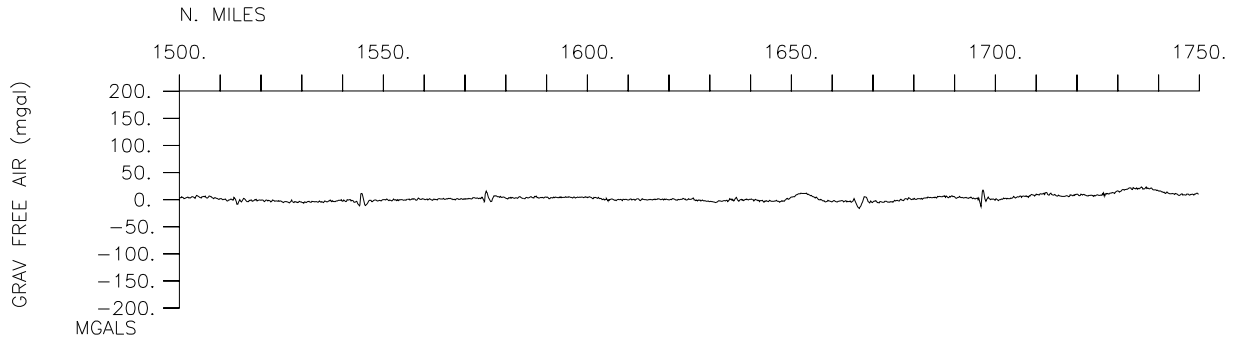


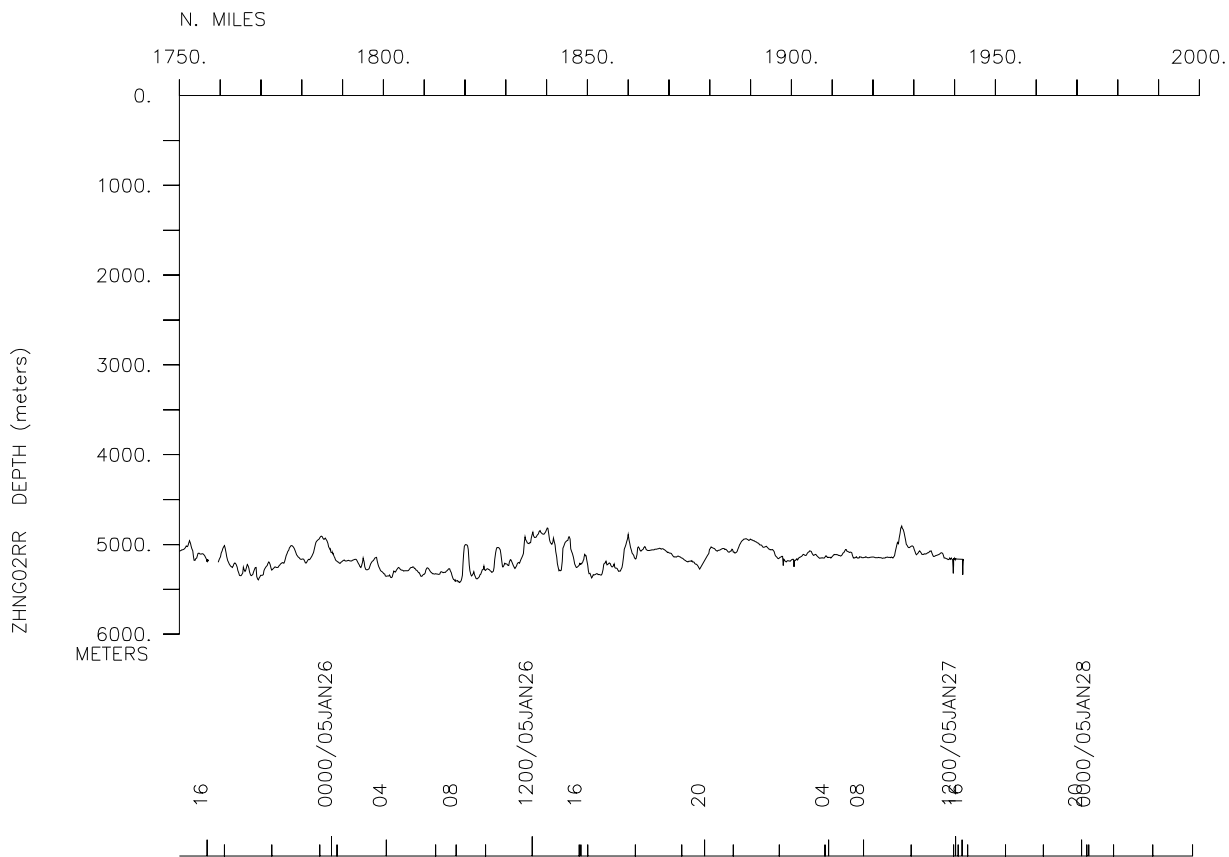
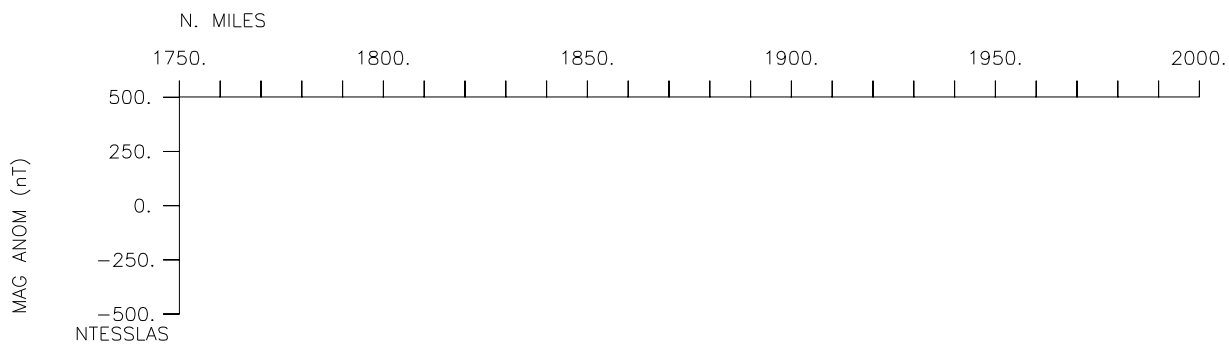
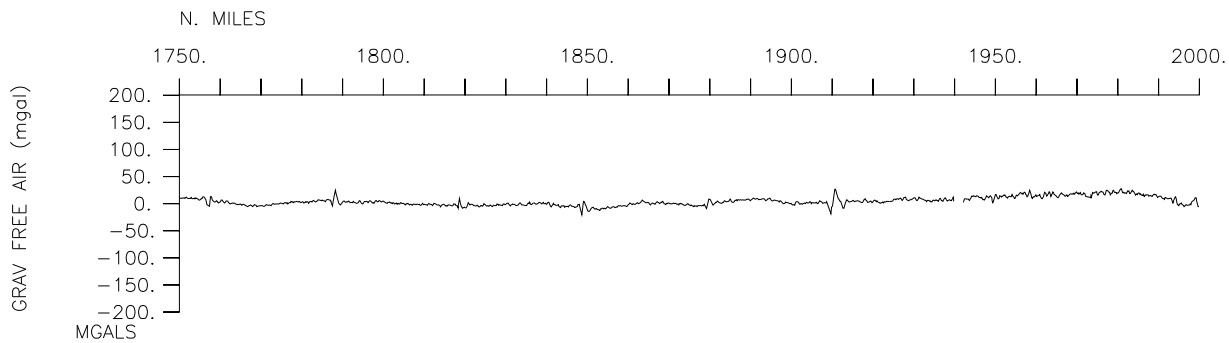


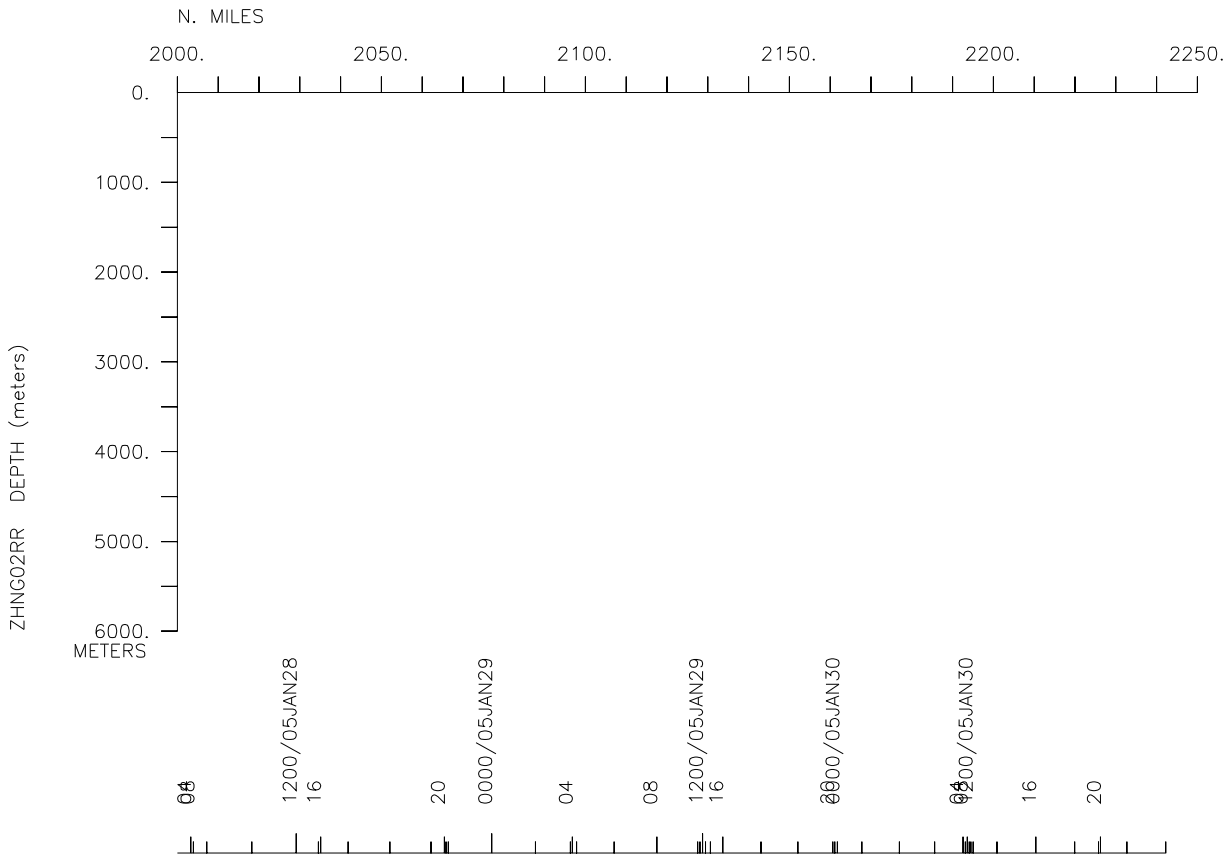
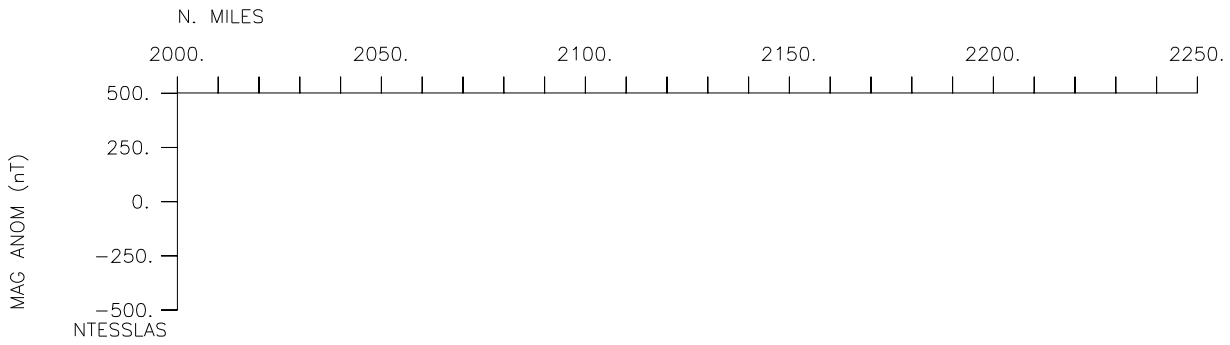
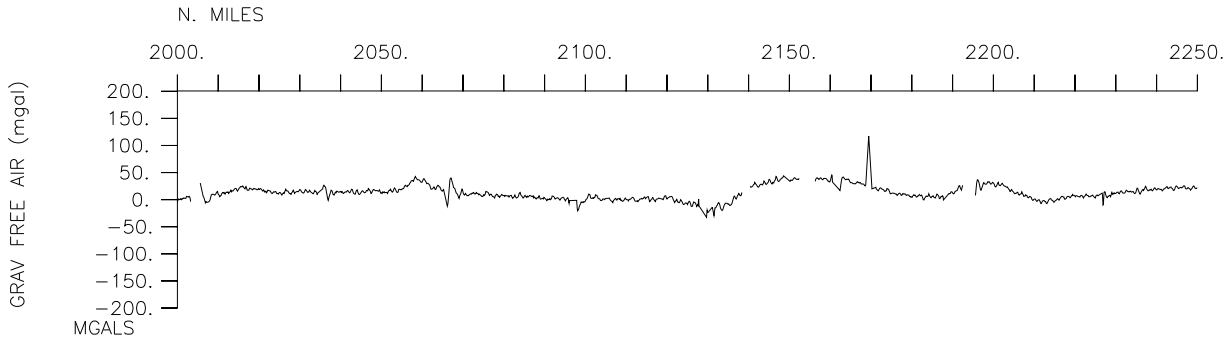


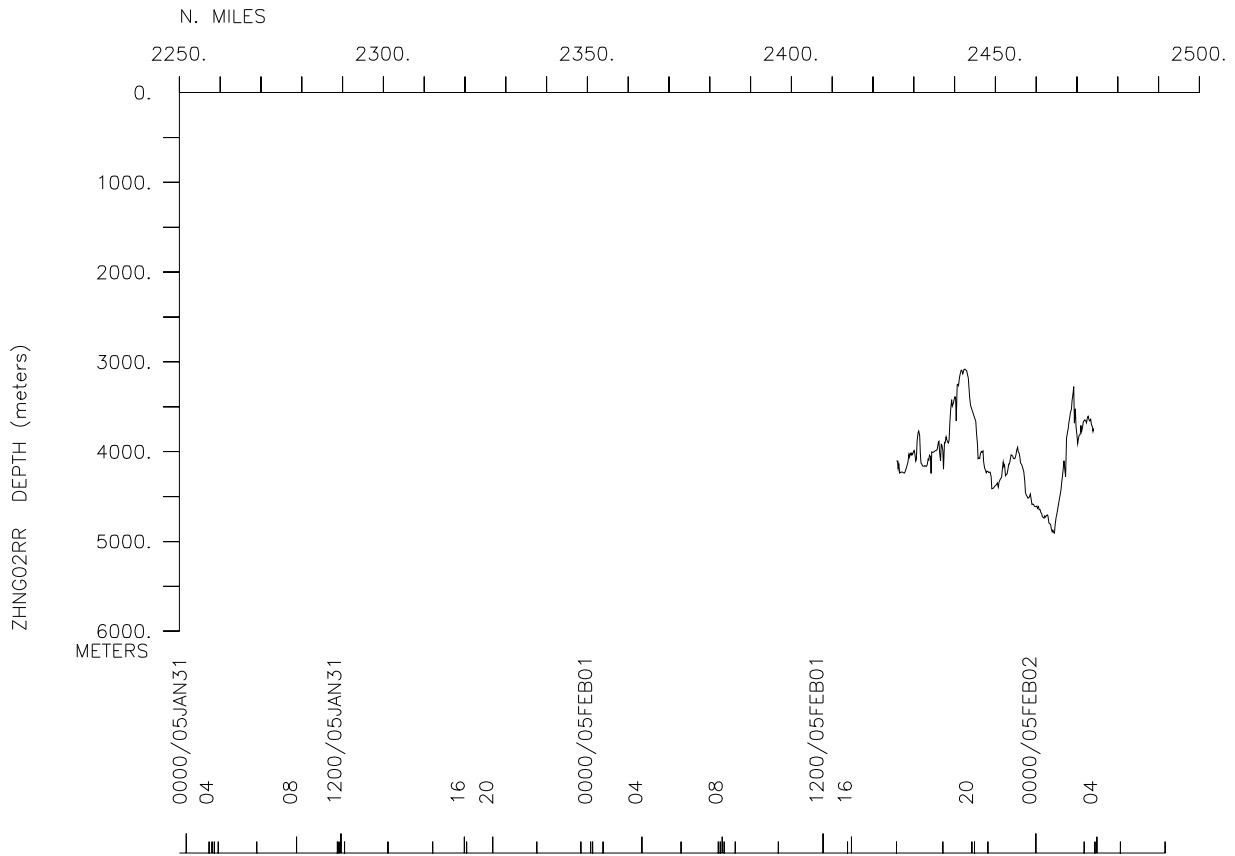
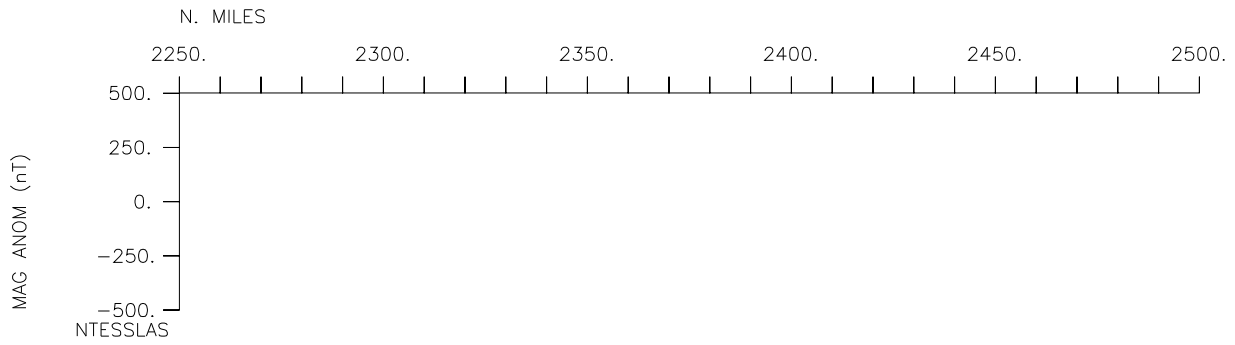
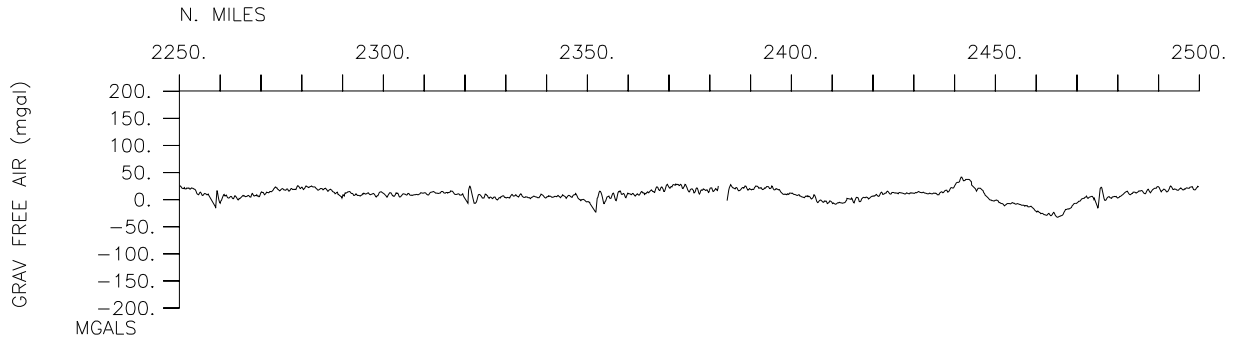


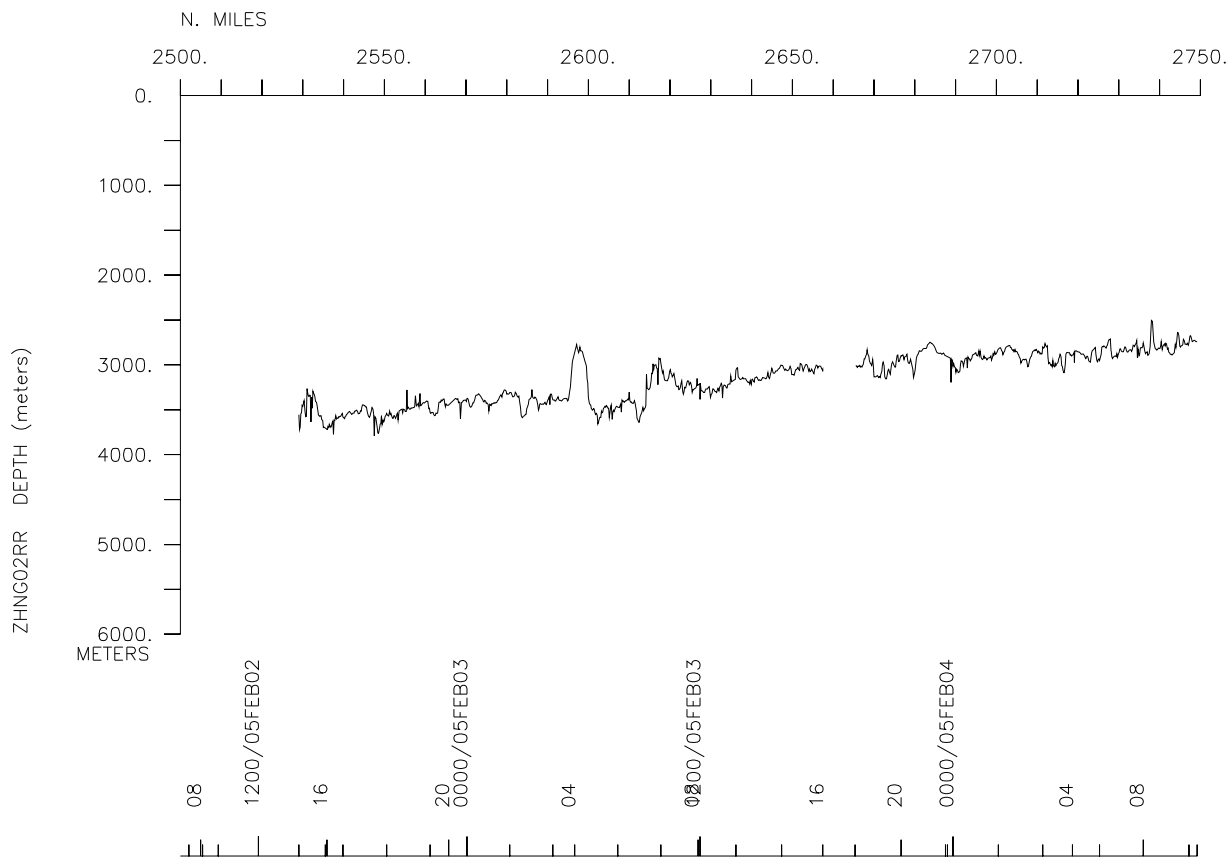
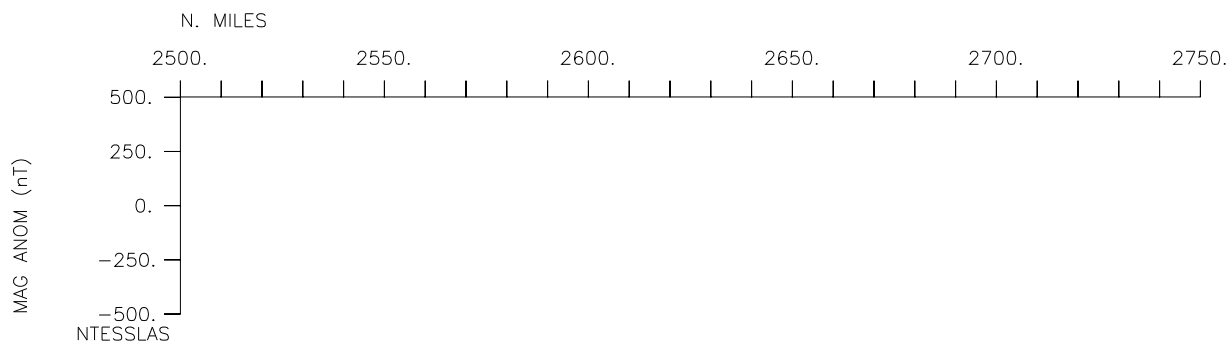
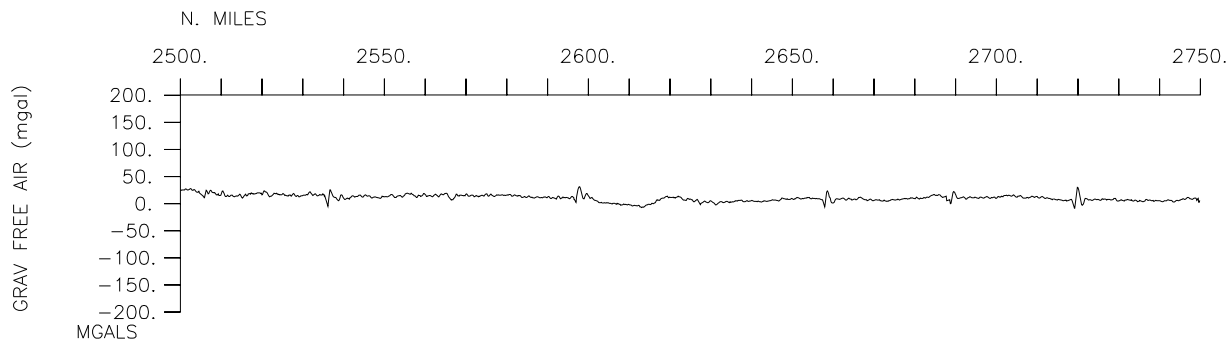


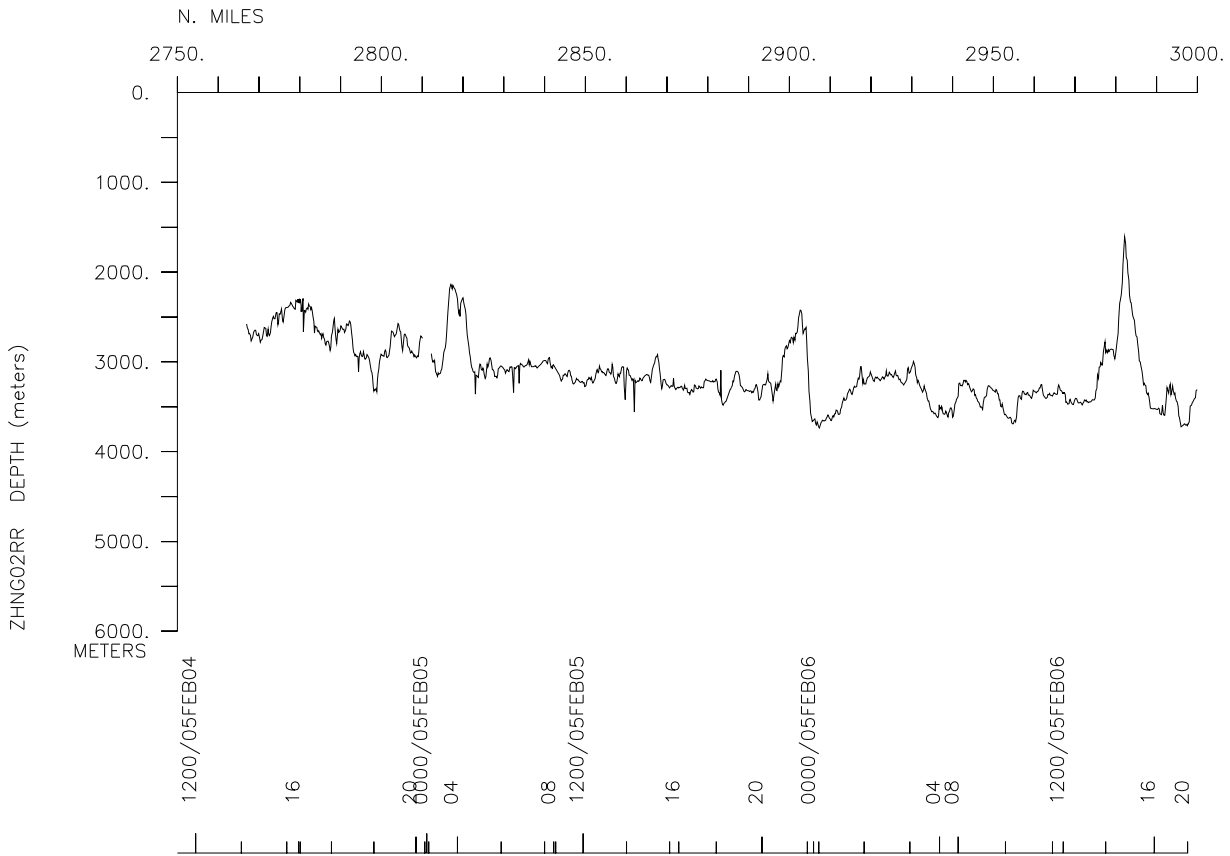
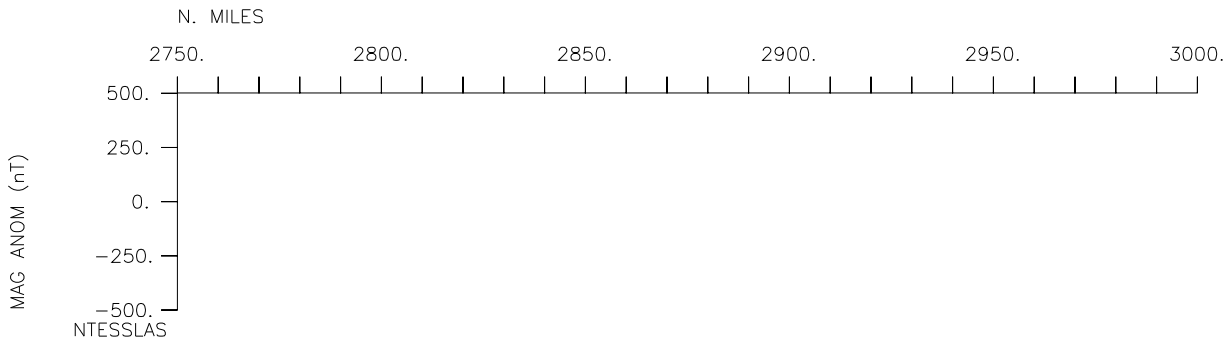
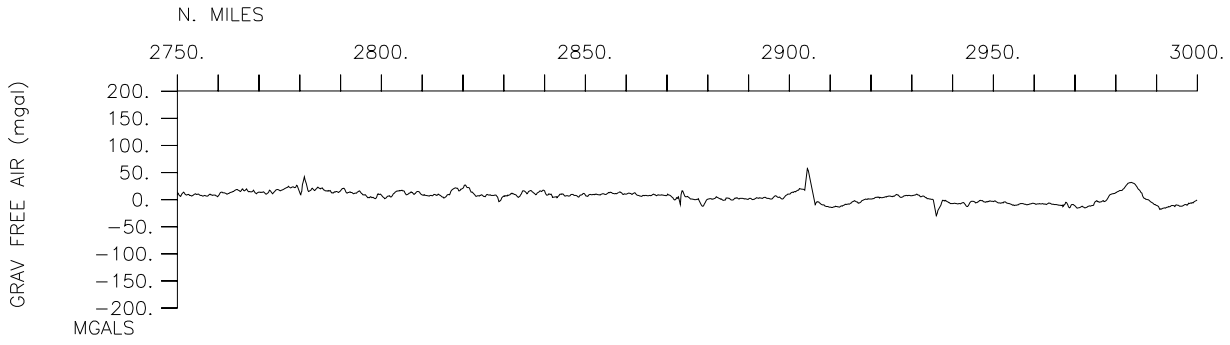


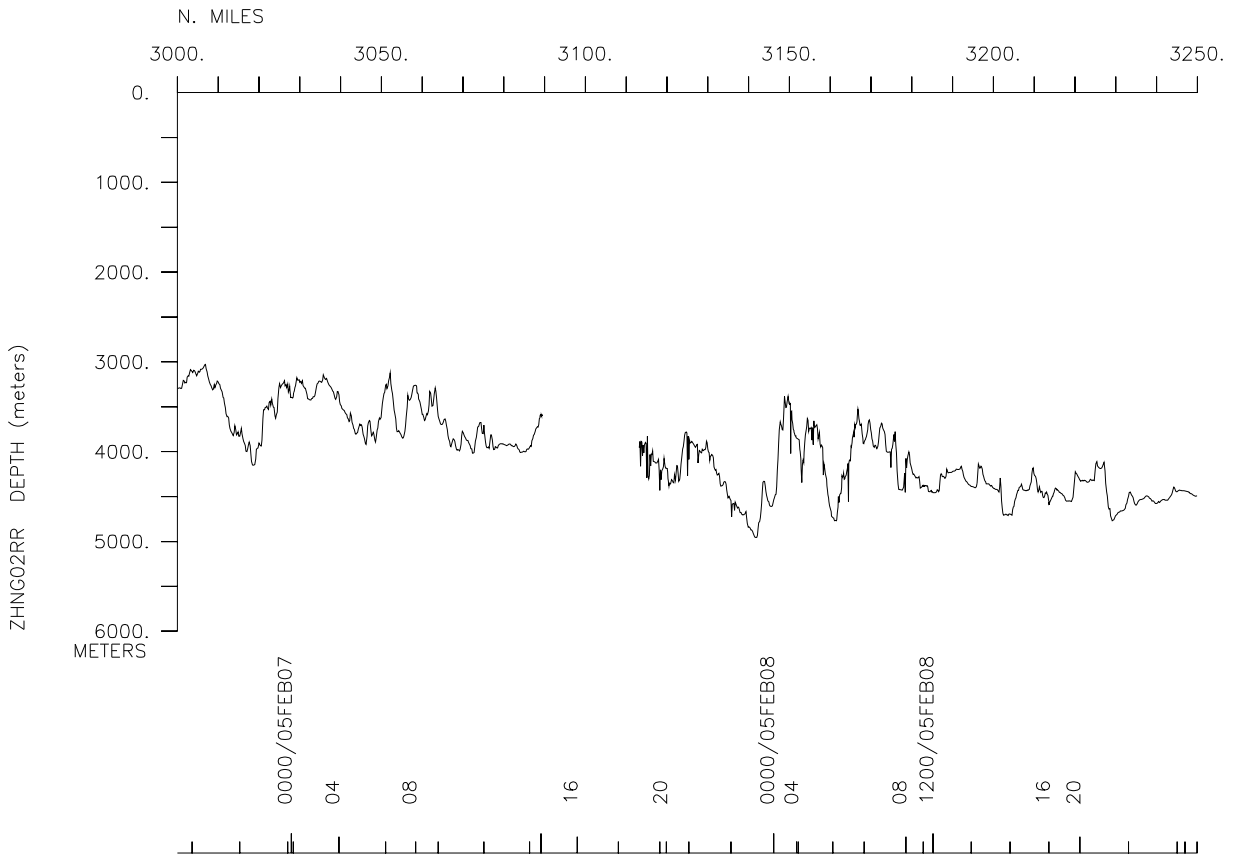
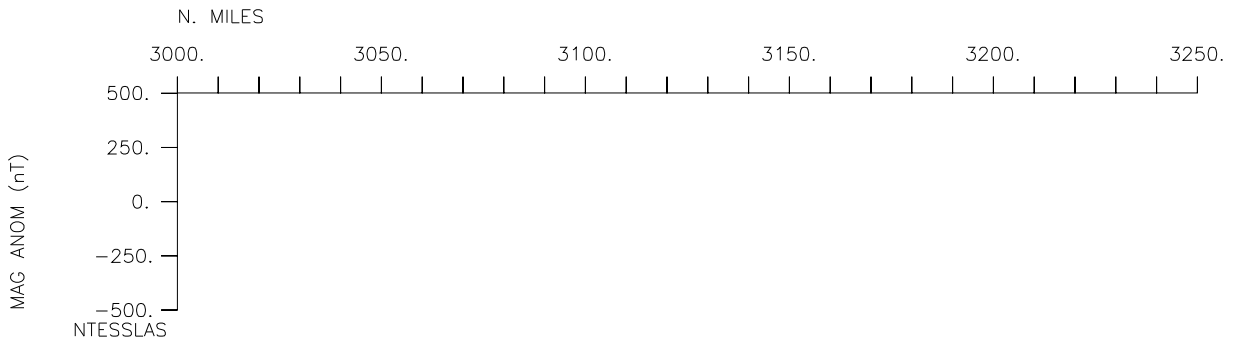
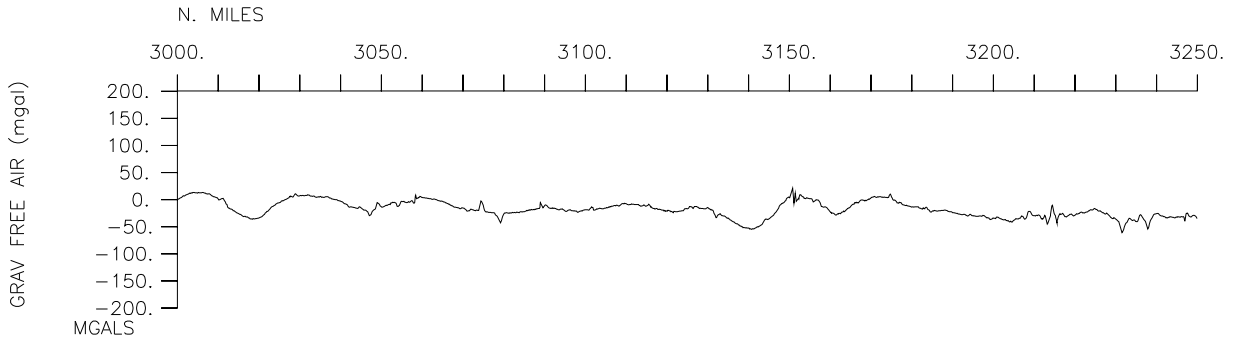


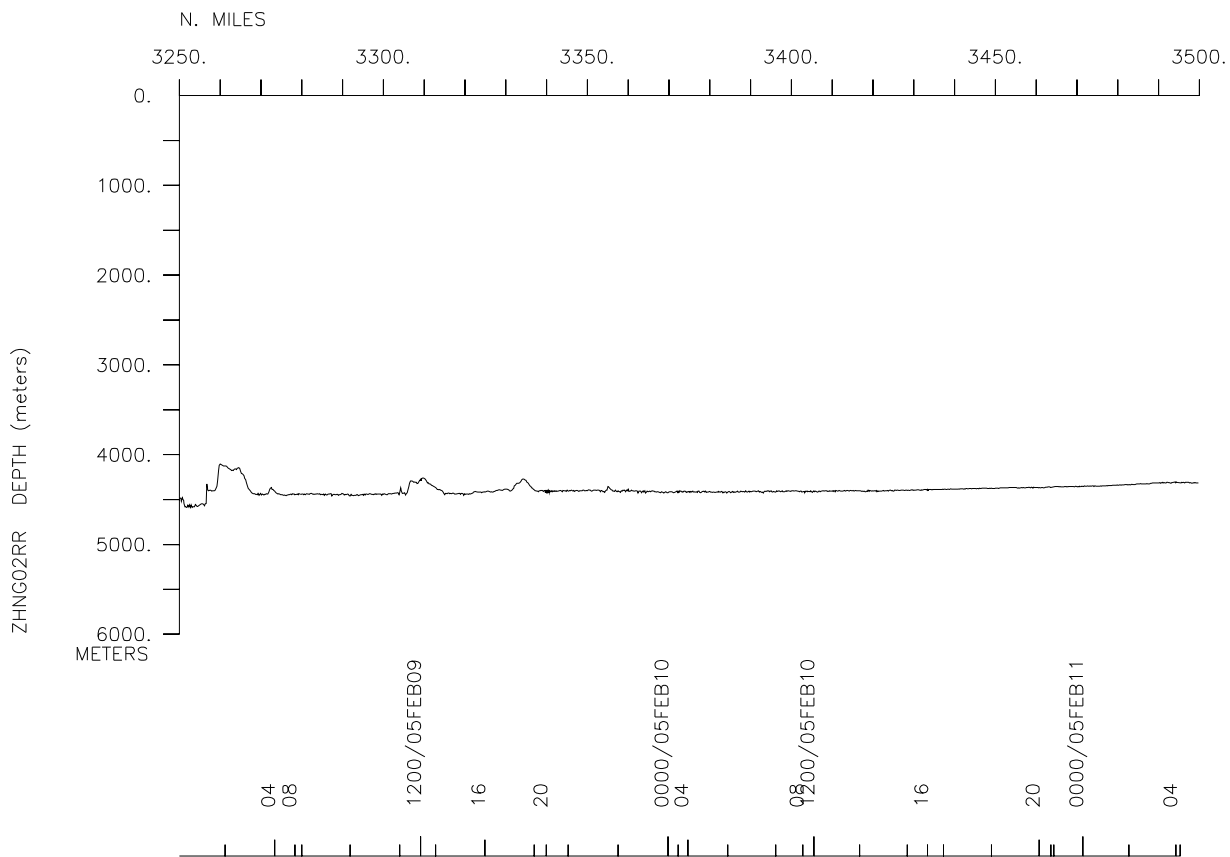
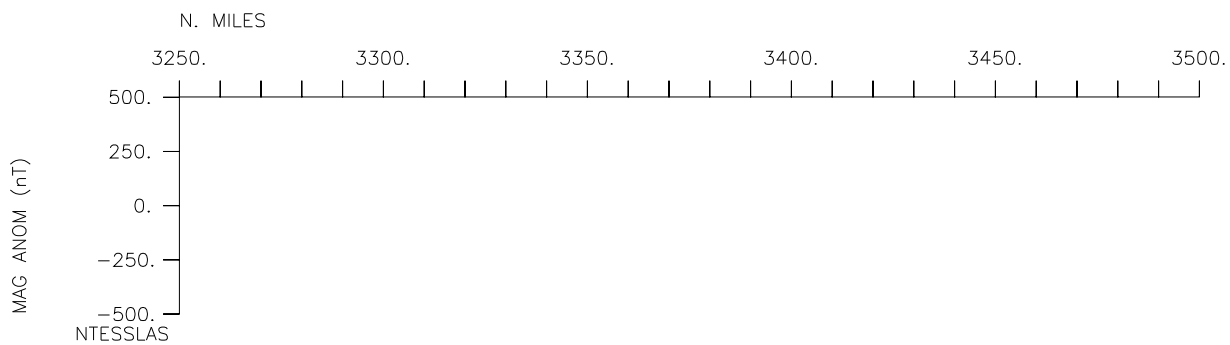
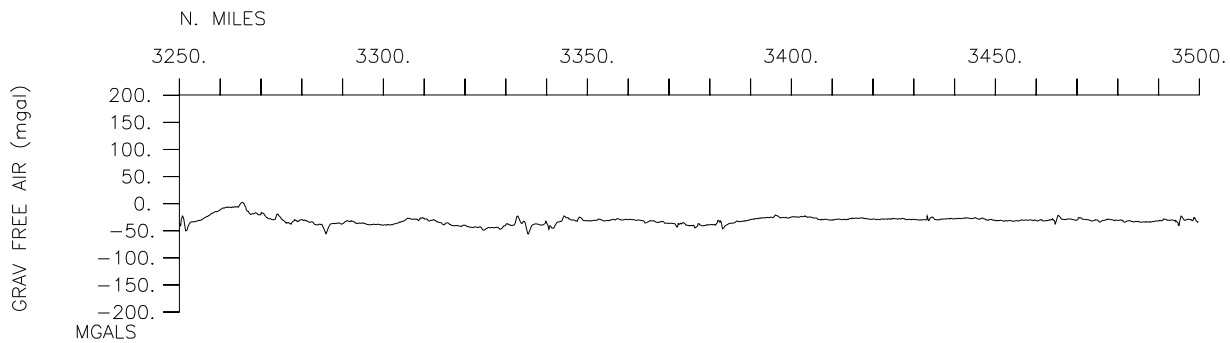


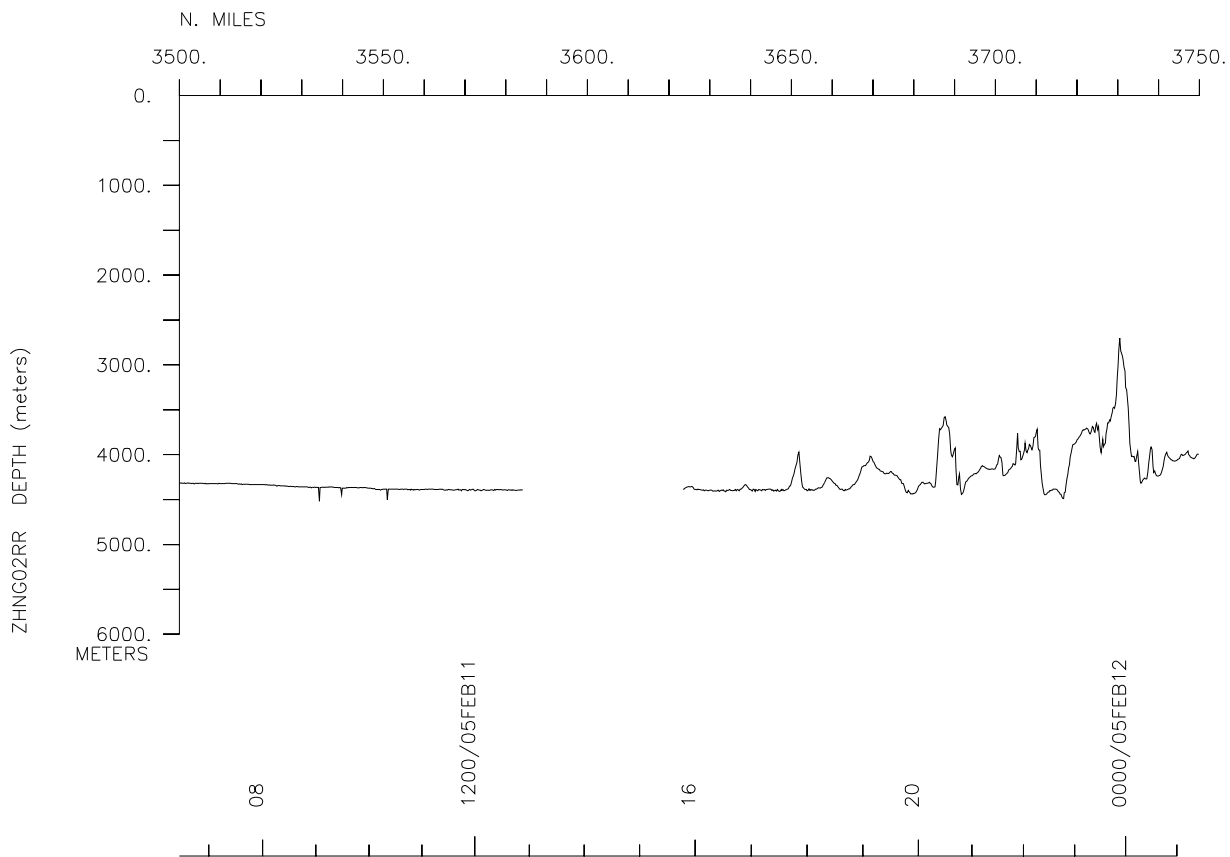
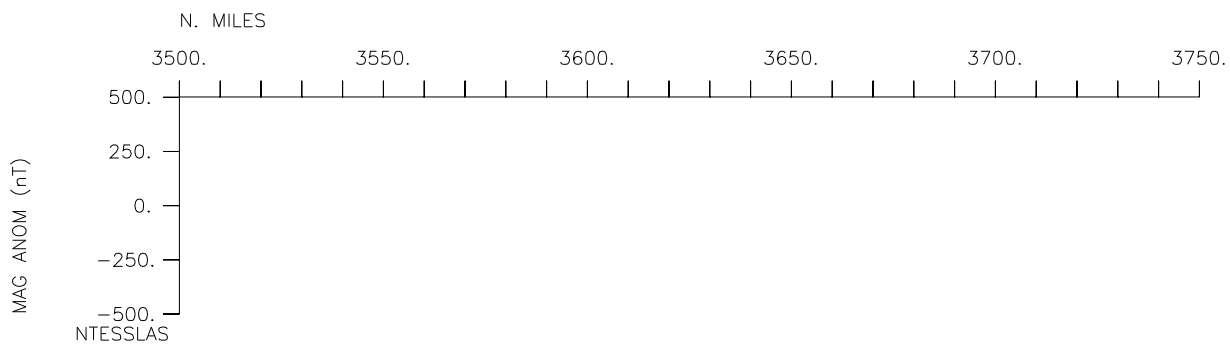
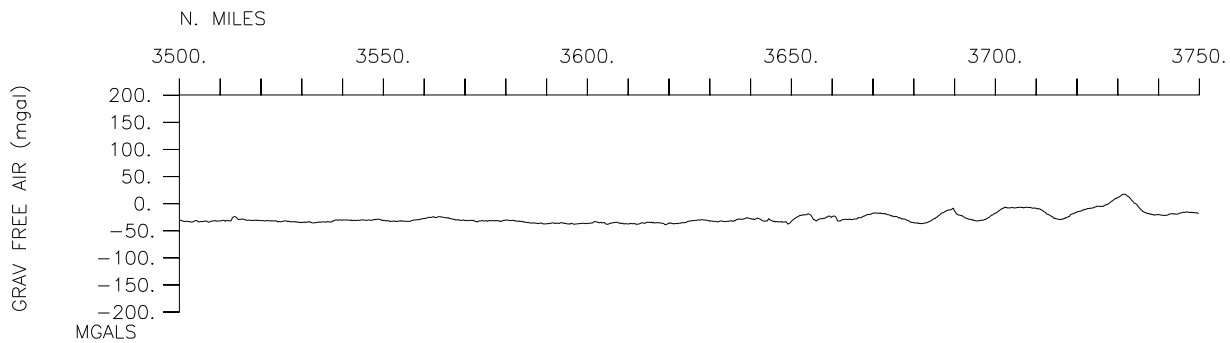


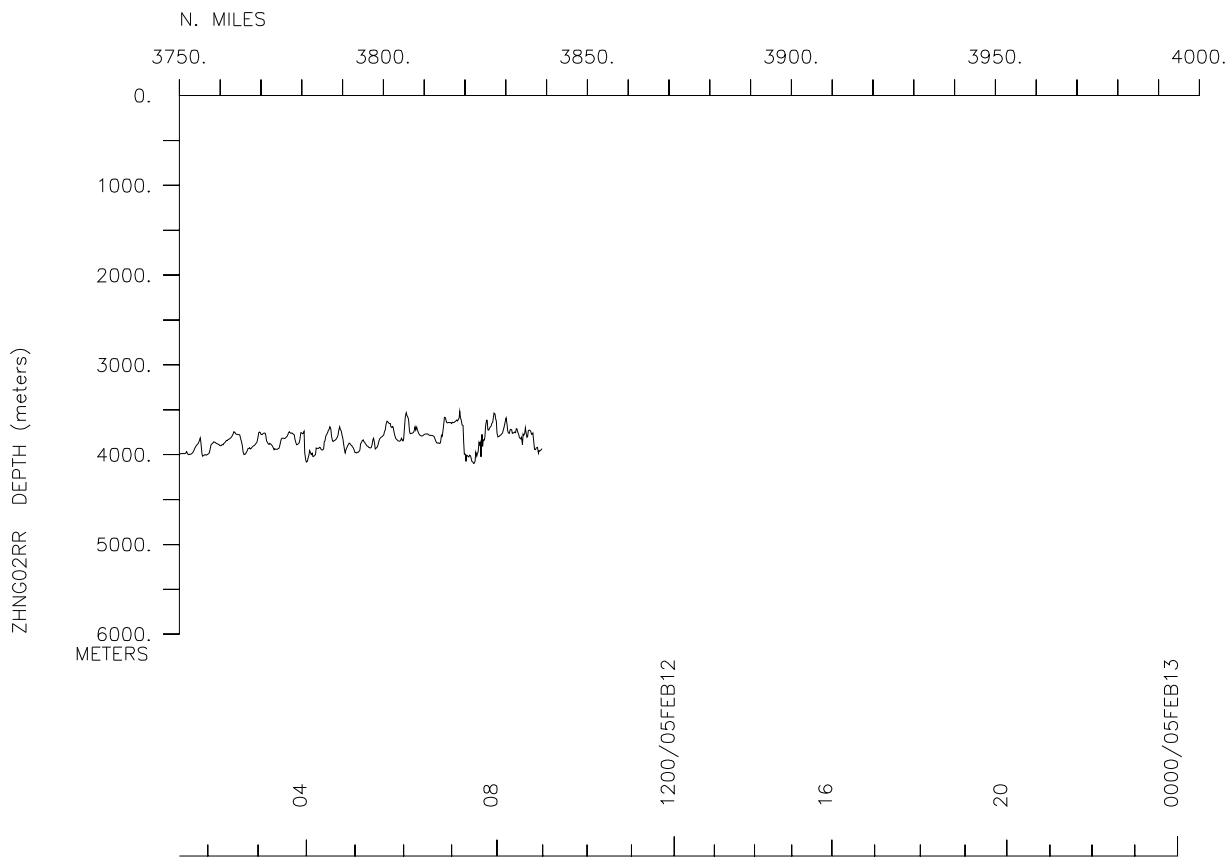
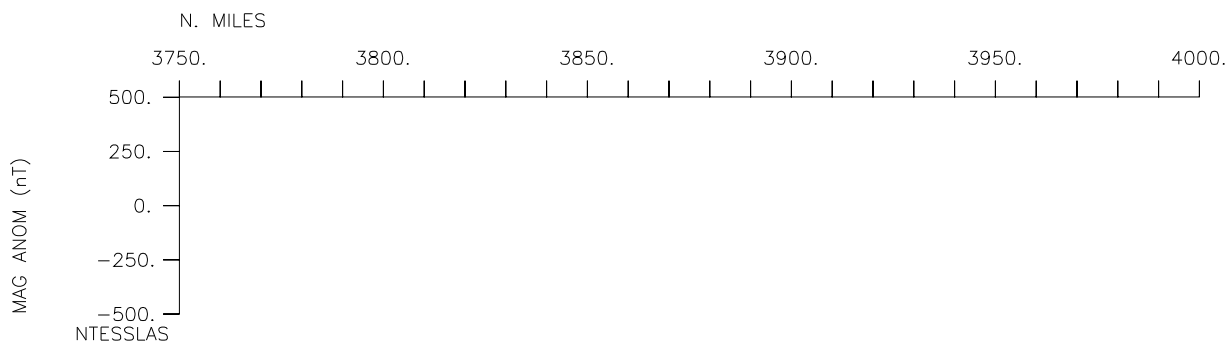
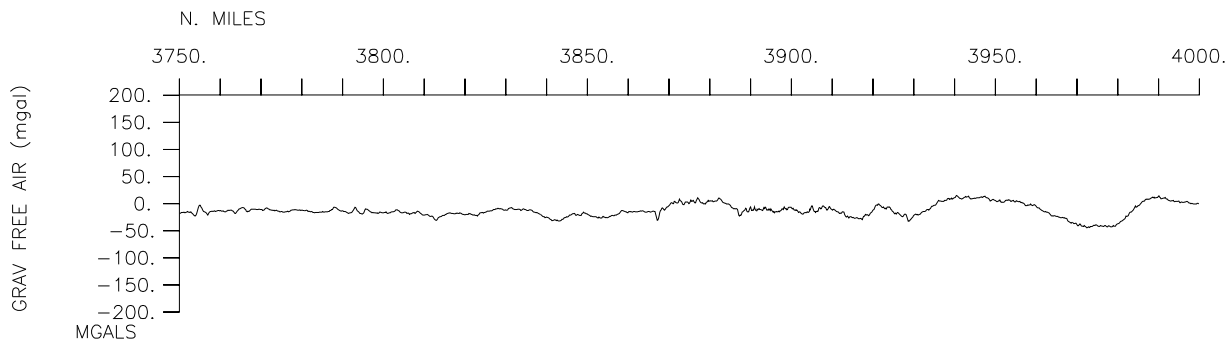


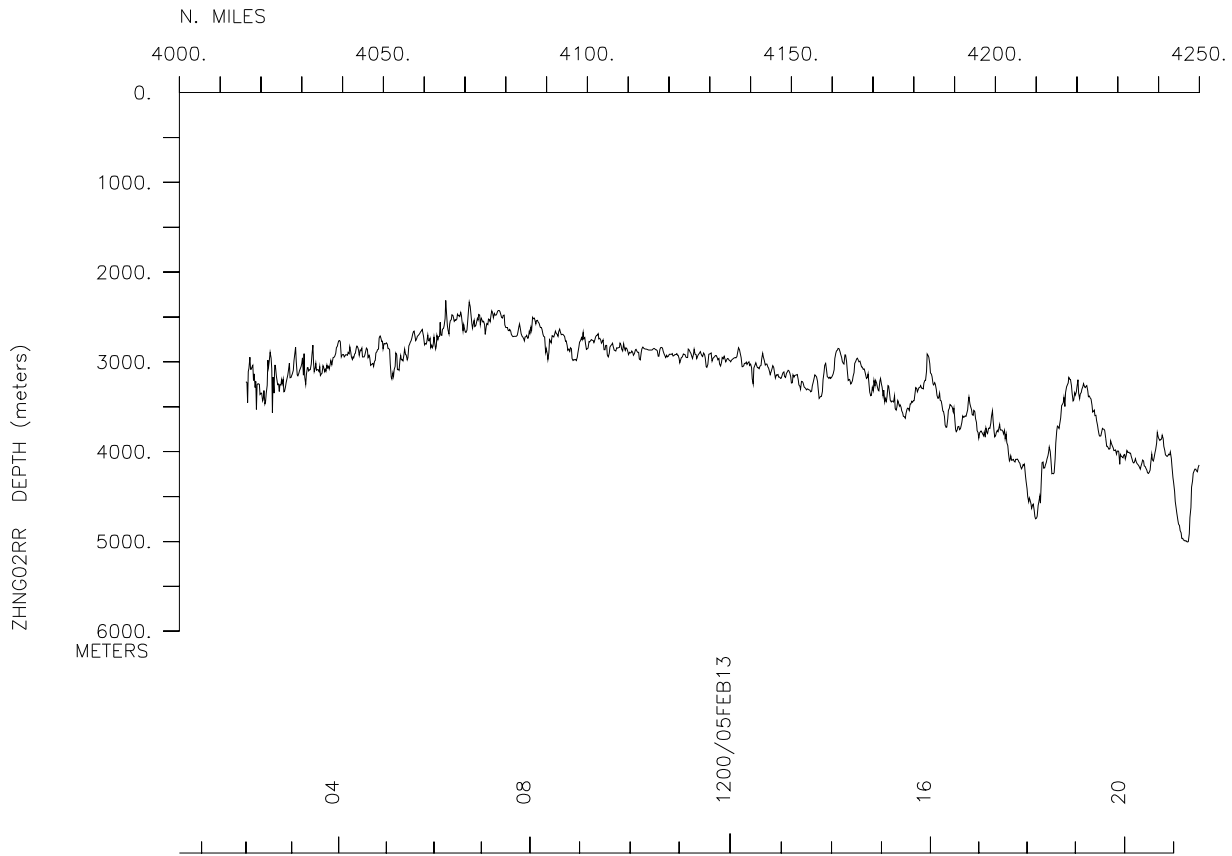
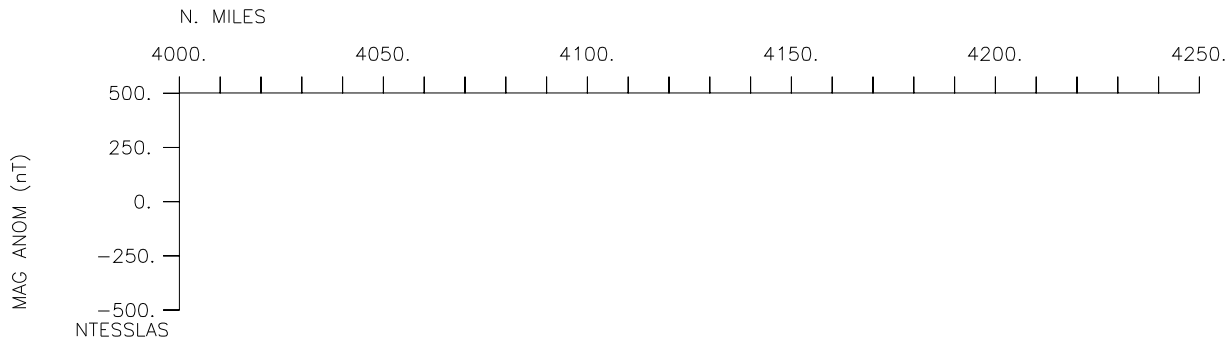
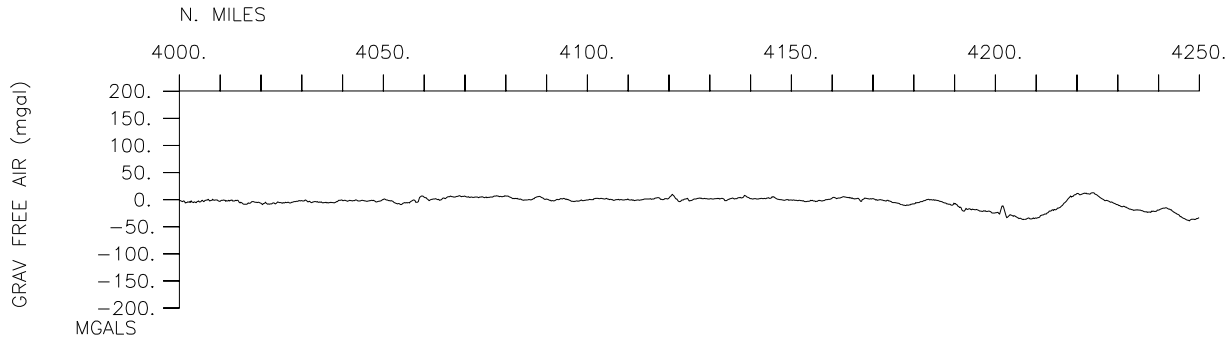


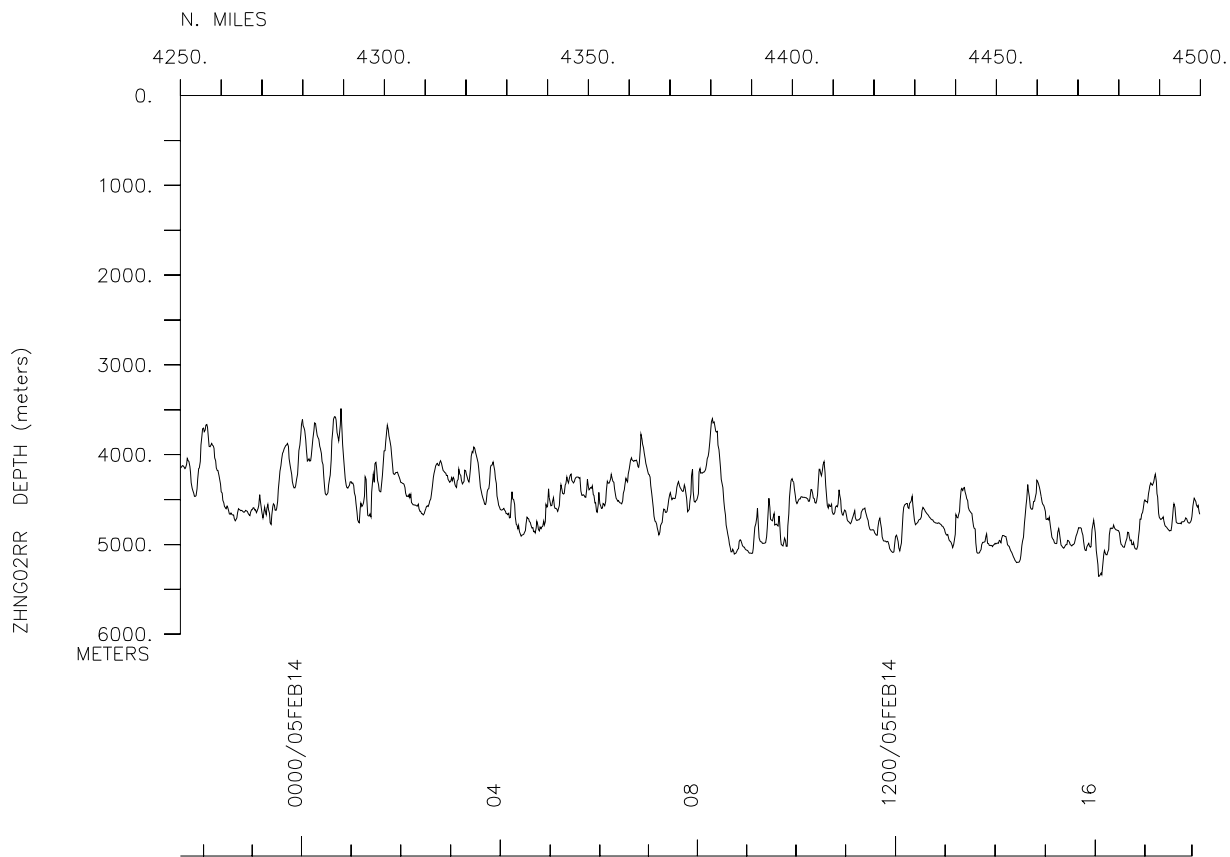
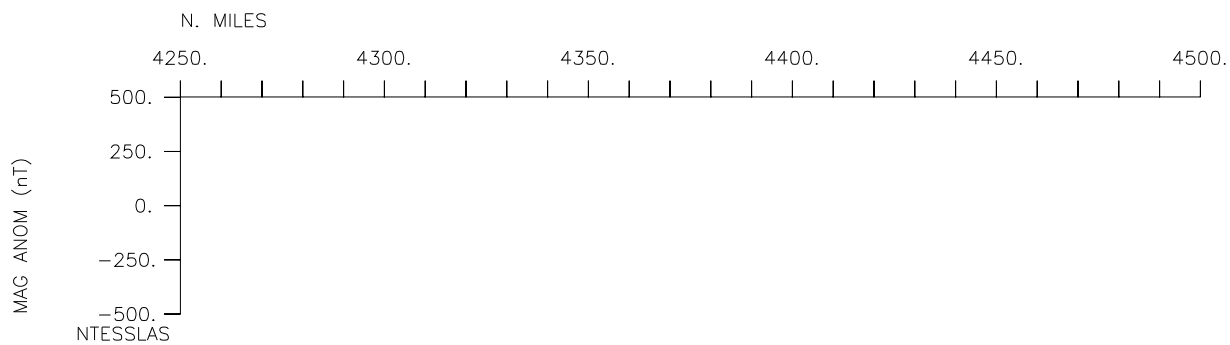
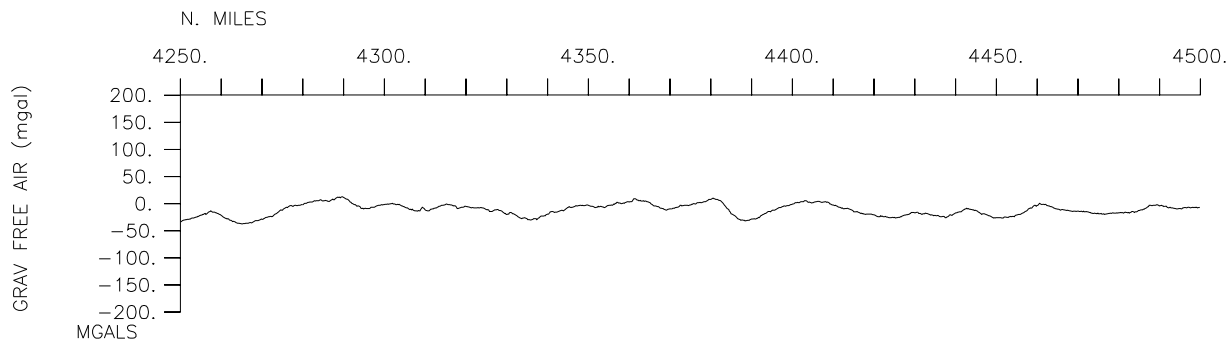


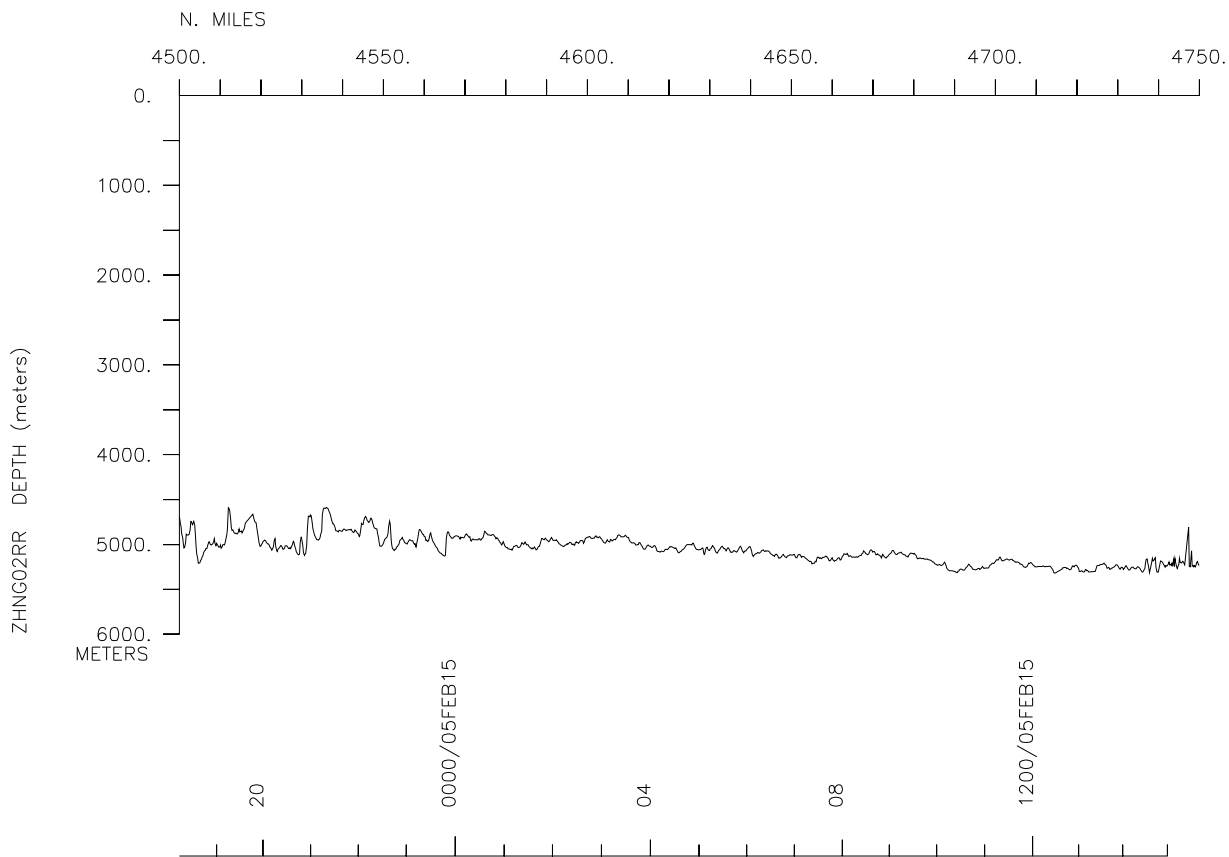
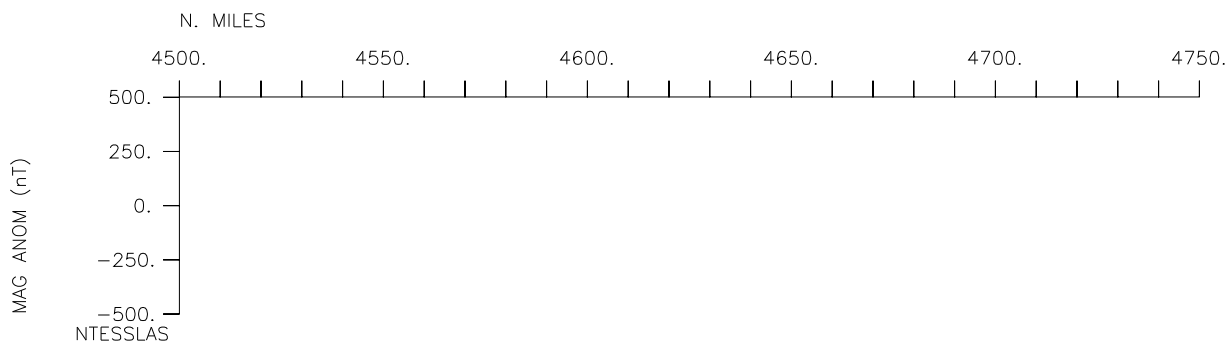
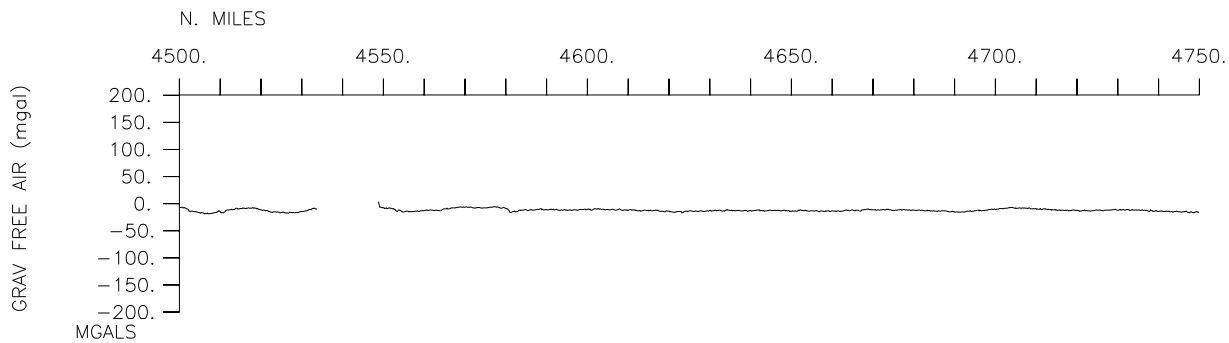


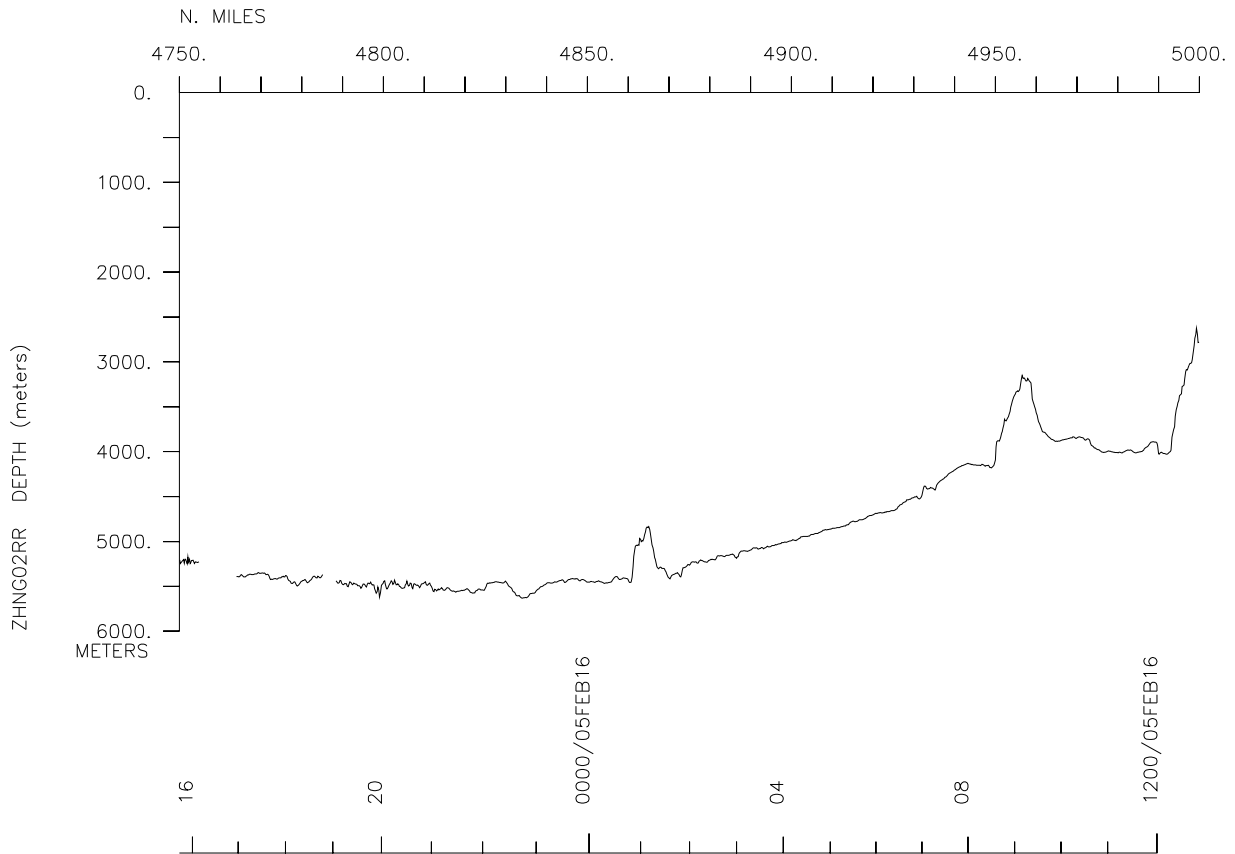
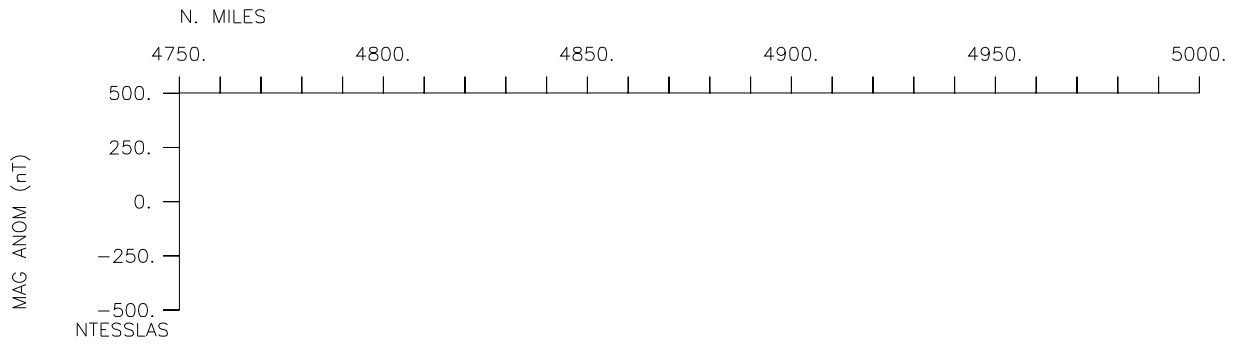
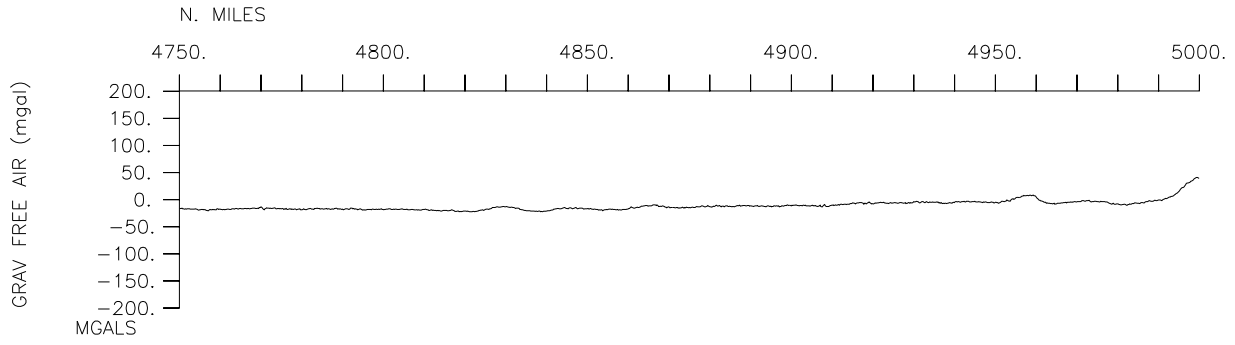


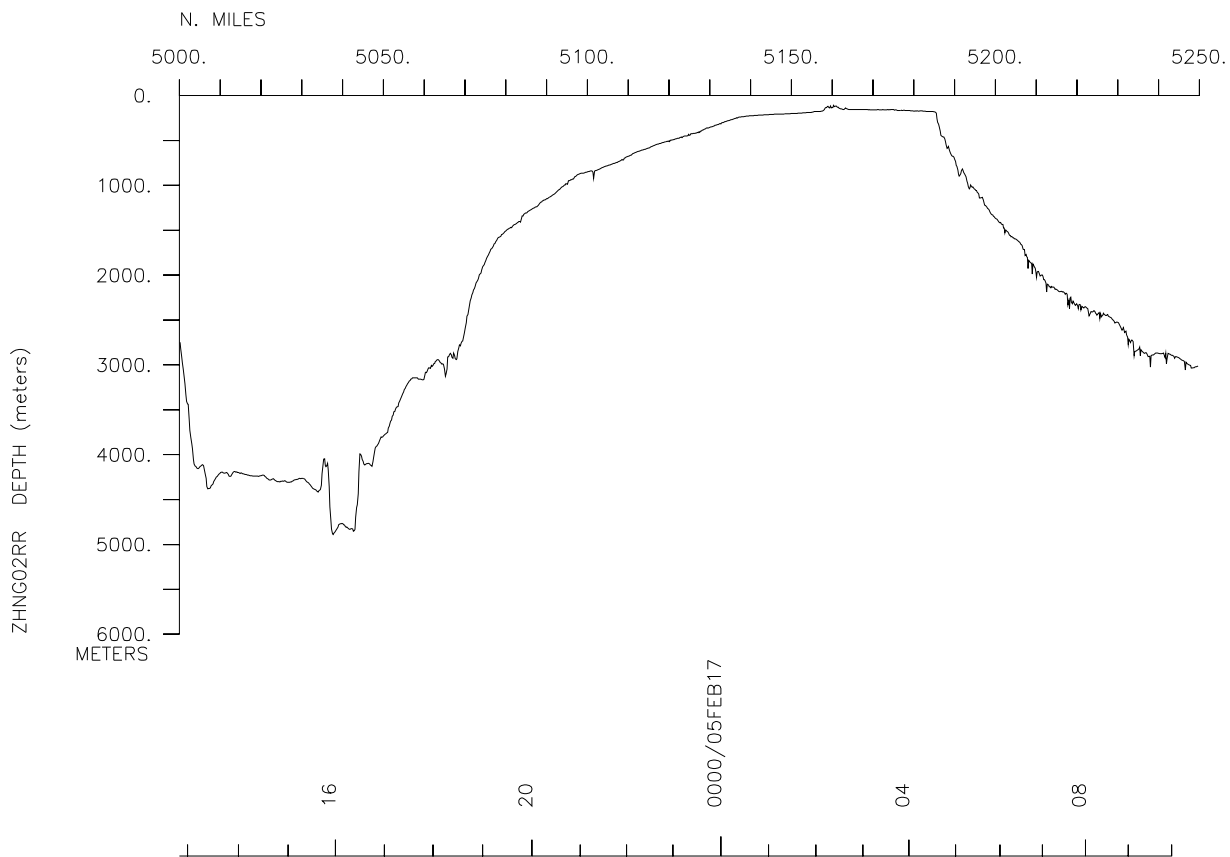
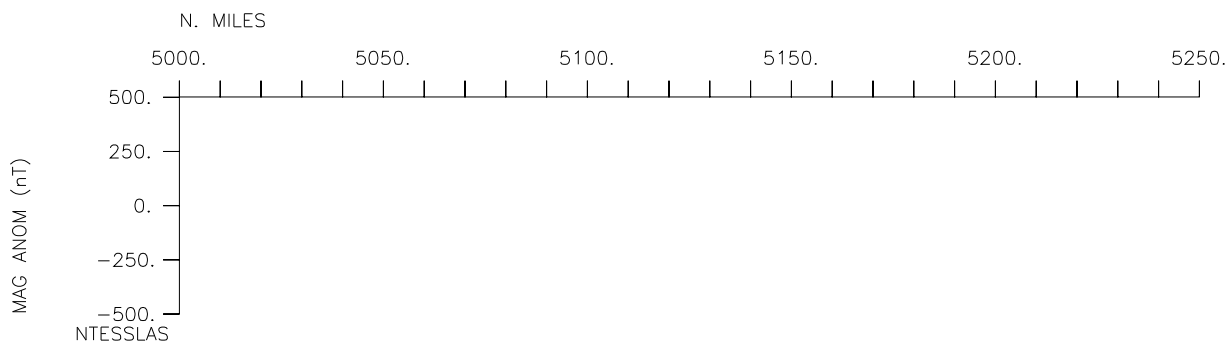
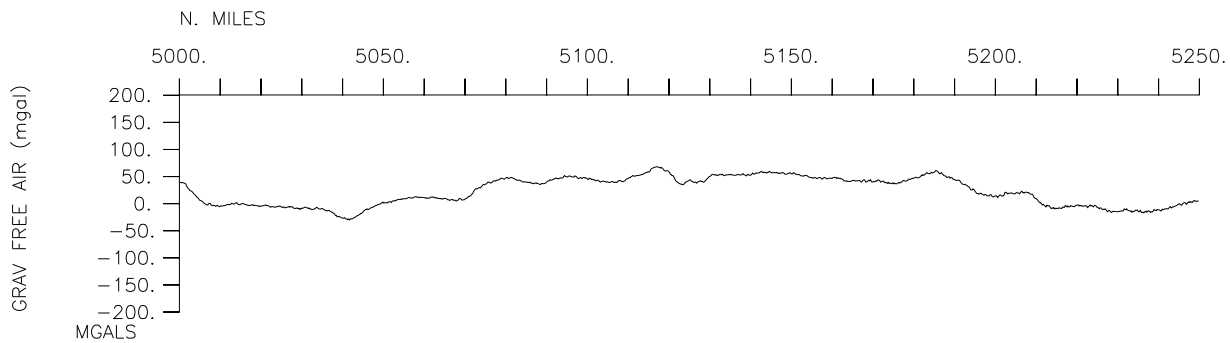


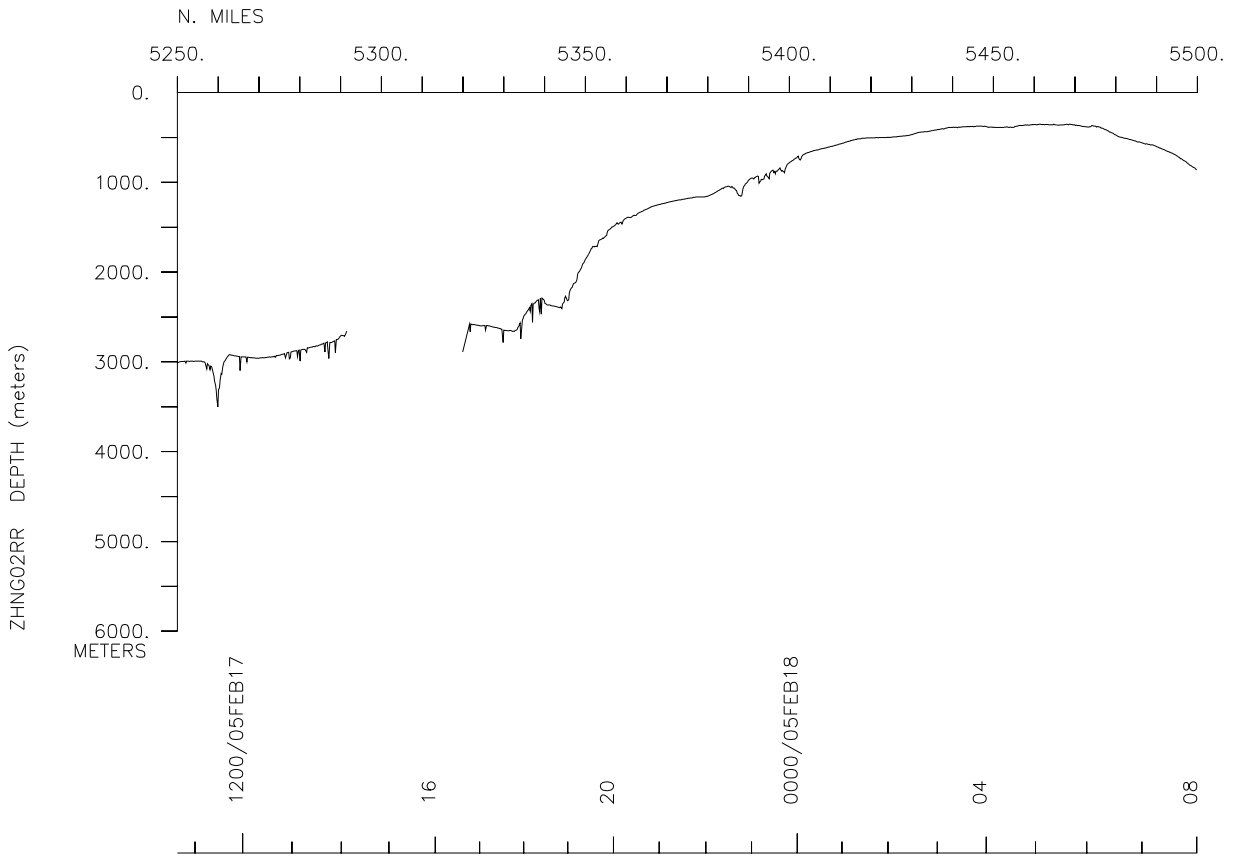
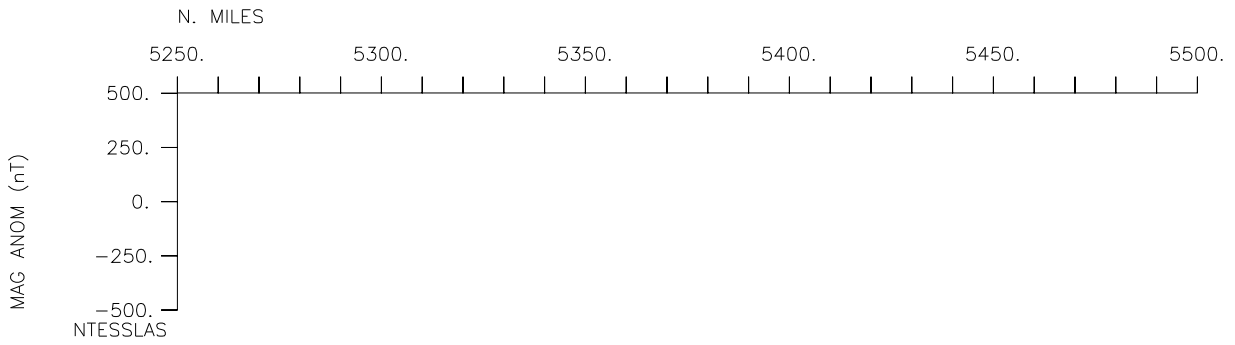
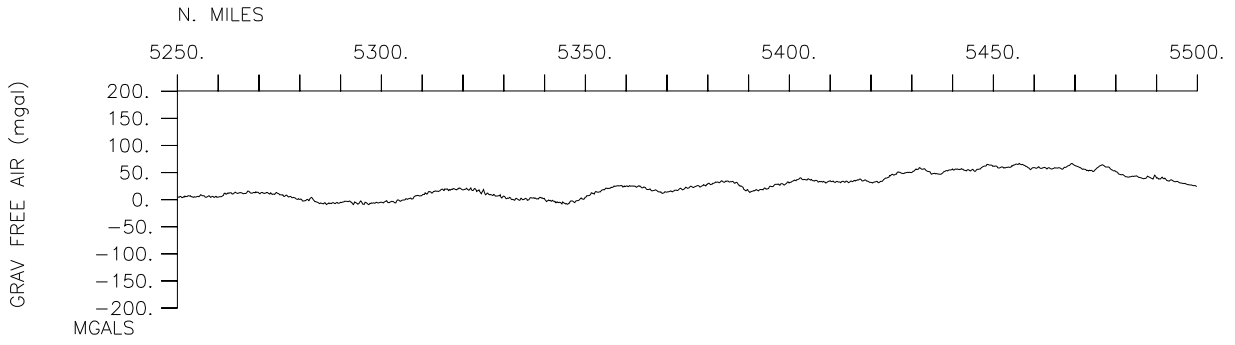


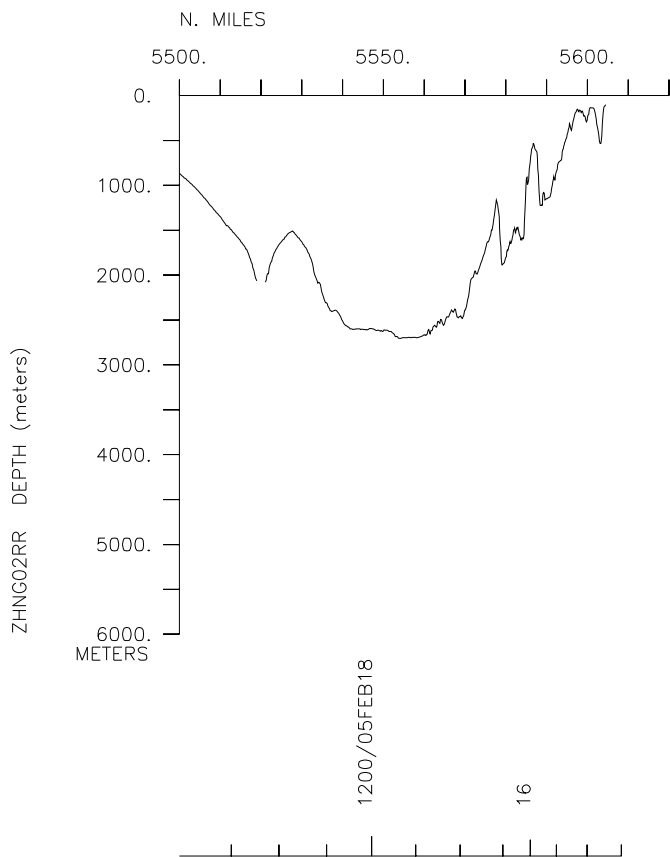
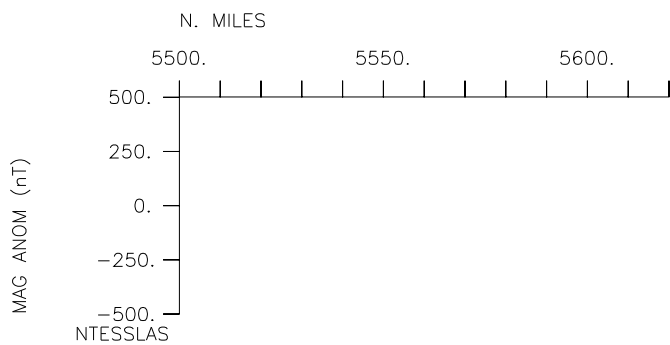
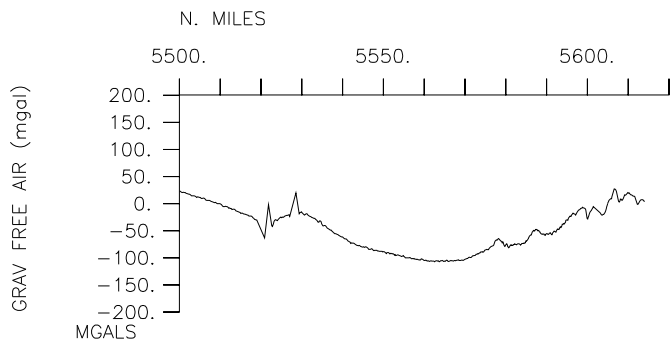












**** Ports ***

0250 090105 LGPT B Papeete, Tahiti 17-32.00S 149-34.00W f ZHNG02RR
 2003 180205 LGPT E Wellington, New Zealand 41-17.00S 174-47.00E f ZHNG02RR

**** Personnel ***

| # | *****NAME***** | *****TITLE***** | *****AFFILIATION***** | **CRID** |
|------|--------------------|-------------------|-----------------------|----------|
| PECS | WHOI Sloyan, B. | Co-ChiefScientist | Woods Hole | ZHNG02RR |
| PECS | SIO Swift, J. | Co-ChiefScientist | Scripps Institution | ZHNG02RR |
| PESP | NOAA Sabine, C. | Scientist | NOAA/PMEL | ZHNG02RR |
| PESP | UHI Measures, C. | Scientist | Univ. of Hawaii | ZHNG02RR |
| PESP | SIX Landing, W. | Scientist | Florida State Univ. | ZHNG02RR |
| PESP | UHI Hummon, J. | Scientist | Univ. of Hawaii | ZHNG02RR |
| PESP | UCSD Theiss, J. | Scientist | U.of CA San Diego | ZHNG02RR |
| PESP | STS Sanborn, C. | Technician | Scripps InstitutioN | ZHNG02RR |
| PESP | STS Hiller, S. | Technician | Scripps InstitutioN | ZHNG02RR |
| PESP | STS Johnson, M. | Technician | Scripps InstitutioN | ZHNG02RR |
| PESP | STS Becker, S. | Technician | Scripps InstitutioN | ZHNG02RR |
| PESP | STS Schuller, C. | Technician | Scripps InstitutioN | ZHNG02RR |
| PESP | STS Calderwood, J. | Technician | Scripps InstitutioN | ZHNG02RR |
| PESP | STS Anderson, G. | Technician | Scripps InstitutioN | ZHNG02RR |
| PESP | UCSD Sohst, B. | Technician | U. of CA San Diego | ZHNG02RR |
| PESP | UCSD Afgan, J. | Technician | U. of CA San Diego | ZHNG02RR |
| PESP | SIX Cooper, D. | Technician | RSMAS, FL | ZHNG02RR |
| PESP | SIX Grall, C. | Technician | RSMAS, FL | ZHNG02RR |
| PESP | LDEO Dachille, A. | Technician | Lamont Doherty | ZHNG02RR |
| PESP | UCSD McDonnel, A. | Technician | U. of CA San Diego | ZHNG02RR |
| PESP | UCSD Kacena, T. | Technician | U. of CA San Diego | ZHNG02RR |
| PECT | STS Allen, S. | Computer tech | Scripps Institution | ZHNG02RR |
| PERT | STS Comer, R. | Resident tech | Scripps Institution | ZHNG02RR |
| PEST | UHI Brown, M. | Grad student | Univ. of Hawaii | ZHNG02RR |
| PEST | SIX Buck, C. | Grad student | Florida State Univ. | ZHNG02RR |
| PEST | UHI Apprill, A. | Grad student | Univ. of Hawaii | ZHNG02RR |
| PEST | UCSB Swan, C. | Grad student | U.ofC.Santa Barbara | ZHNG02RR |
| PEST | UCSB Goldberg, S. | Grad student | U.ofC.Santa Barbara | ZHNG02RR |
| PEST | UCSB Meyers, M. | Grad student | U.ofC.Santa Barbara | ZHNG02RR |
| PEST | WHOI Moffat, C. | Grad student | Woods Hole | ZHNG02RR |
| PEST | WHOI Mazloff, M. | Grad student | Woods Hole | ZHNG02RR |
| PEOB | SIX Brice, D. | Observer | San Diego School | ZHNG02RR |

**** 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 (SIMRAD) ****

| | | | | | | | | | | | |
|------|--------|---|------|---|--------|-----------|-----|-----------|------------|---|----------|
| 0252 | 210105 | 0 | MBSI | B | SIMRAD | multibeam | GDC | 34-59.97S | 150-00.02W | g | ZHNG02RR |
| 1830 | 180205 | 0 | MBSI | E | SIMRAD | multibeam | GDC | 41-26.43S | 174-48.09E | g | ZHNG02RR |

**** Digital Gravity ****

| | | | | | | | | | | | |
|------|--------|---|------|---|---------|---------|-----|-----------|------------|---|----------|
| 0250 | 210105 | 0 | GVDD | B | digital | gravity | GDC | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 2003 | 180205 | 0 | GVDD | E | digital | gravity | GDC | 41-16.63S | 174-47.37E | g | ZHNG02RR |

**** Integrated Meteorological Acquisition System ****

| | | | | | | | | | | | |
|------|--------|---|------|---|---------|--------------|-----|-----------|------------|---|----------|
| 0250 | 210105 | 0 | IMET | B | weather | measurements | GDC | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 2003 | 180205 | 0 | IMET | E | weather | measurements | GDC | 41-16.63S | 174-47.37E | g | ZHNG02RR |

**** Acoustic Doppler Current Profiler ****

| | | | | | | | | | | | |
|------|--------|---|------|---|---------|----------------|-----|-----------|------------|---|----------|
| 0250 | 210105 | 0 | ADCP | B | current | measurements | GDC | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 2003 | 180205 | 0 | ADCP | E | weathe | currentrements | GDC | 41-16.63S | 174-47.37E | g | ZHNG02RR |

**** Conductivity, Temperature, Depth **

| | | | | | | | | | | | | |
|------|--------|---|------|-----|-----|----|-------|-----|-----------|------------|---|----------|
| 1233 | 100105 | 0 | TDCT | STA | 001 | 36 | 4252M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1834 | 100105 | 0 | TDCT | STA | 002 | 36 | 4188M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0043 | 110105 | 0 | TDCT | STA | 003 | 36 | 3743M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0746 | 110105 | 0 | TDCT | STA | 004 | 36 | 2499M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1314 | 110105 | 0 | TDCT | STA | 005 | 33 | 3351M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1934 | 110105 | 0 | TDCT | STA | 006 | 36 | 4121M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0142 | 120105 | 0 | TDCT | STA | 007 | 36 | 4260M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0831 | 120105 | 0 | TDCT | STA | 008 | 36 | 4517M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1545 | 120105 | 0 | TDCT | STA | 009 | 36 | 4602M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 2203 | 120105 | 0 | TDCT | STA | 010 | 36 | 3844M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0430 | 130105 | 0 | TDCT | STA | 011 | 36 | 4283M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1032 | 130105 | 0 | TDCT | STA | 012 | 36 | 5088M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1641 | 130105 | 0 | TDCT | STA | 013 | 36 | 4545M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 2356 | 130105 | 0 | TDCT | STA | 014 | 36 | 4180M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0650 | 140105 | 0 | TDCT | STA | 015 | 36 | 4813M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1303 | 140105 | 0 | TDCT | STA | 016 | 36 | 4497M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 2009 | 140105 | 0 | TDCT | STA | 017 | 36 | 4791M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0245 | 150105 | 0 | TDCT | STA | 018 | 36 | 4603M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0941 | 150105 | 0 | TDCT | STA | 019 | 36 | 4556M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1538 | 150105 | 0 | TDCT | STA | 020 | 36 | 4636M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 2305 | 150105 | 0 | TDCT | STA | 021 | 36 | 4808M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0504 | 160105 | 0 | TDCT | STA | 022 | 36 | 4604M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1217 | 160105 | 0 | TDCT | STA | 023 | 36 | 4660M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1822 | 160105 | 0 | TDCT | STA | 024 | 36 | 4596M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0123 | 170105 | 0 | TDCT | STA | 025 | 36 | 3500M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0659 | 170105 | 0 | TDCT | STA | 026 | 36 | 4521M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1300 | 170105 | 0 | TDCT | STA | 027 | 36 | 4585M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1953 | 170105 | 0 | TDCT | STA | 028 | 36 | 4174M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0159 | 180105 | 0 | TDCT | STA | 029 | 36 | 4270M | ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |

| #GMT #TIME #----- | DDMMYY DATE ----- | SAMP TZ --- | B CODE - | SAMPLE IDENTIFIER ----- | DISP CODE ----- | LATITUDE ----- | LONGITUDE ----- | p c - | CRUISE LEG-SHIP ----- |
|-------------------------|-------------------------|-------------------|----------------|-------------------------------|-----------------------|-------------------|--------------------|-------------|-----------------------------|
| 0903 | 180105 | 0 | TDCT | STA 030 36 | 4847M ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1537 | 180105 | 0 | TDCT | STA 031 36 | 4236M ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 2250 | 180105 | 0 | TDCT | STA 032 36 | 4589M ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0553 | 190105 | 0 | TDCT | STA 033 36 | 4697M ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1233 | 190105 | 0 | TDCT | STA 034 36 | 5095M ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1911 | 190105 | 0 | TDCT | STA 035 36 | 5526M ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0303 | 200105 | 0 | TDCT | STA 036 36 | 5364M ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1025 | 200105 | 0 | TDCT | STA 037 36 | 5162M ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 1652 | 200105 | 0 | TDCT | STA 038 36 | 5152M ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0047 | 210105 | 0 | TDCT | STA 039 36 | 5221M ODF | 34-59.96S | 150-00.02W | g | ZHNG02RR |
| 0706 | 210105 | 0 | TDCT | STA 040 36 | 5325M ODF | 35-30.00S | 149-59.96W | g | ZHNG02RR |
| 1342 | 210105 | 0 | TDCT | STA 041 36 | 4697M ODF | 35-59.98S | 150-00.01W | g | ZHNG02RR |
| 2057 | 210105 | 0 | TDCT | STA 042 36 | 5350M ODF | 36-29.99S | 150-00.01W | g | ZHNG02RR |
| 0452 | 220105 | 0 | TDCT | STA 043 36 | 5530M ODF | 37-00.01S | 149-59.97W | g | ZHNG02RR |
| 1146 | 220105 | 0 | TDCT | STA 044 36 | 5500M ODF | 37-29.96S | 150.00.00W | g | ZHNG02RR |
| 1825 | 220105 | 0 | TDCT | STA 045 36 | 5414M ODF | 38.00.00S | 150-00.00W | g | ZHNG02RR |
| 0215 | 230105 | 0 | TDCT | STA 046 36 | 5299M ODF | 38-30.00S | 150-00.00W | g | ZHNG02RR |
| 0948 | 230105 | 0 | TDCT | STA 047 36 | 5432M ODF | 38-59.98S | 150-00.00W | g | ZHNG02RR |
| 1621 | 230105 | 0 | TDCT | STA 048 36 | 5379M ODF | 39-29.99S | 150-00.00W | g | ZHNG02RR |
| 0007 | 240105 | 0 | TDCT | STA 049 36 | 5178M ODF | 39-59.96S | 150-00.03W | g | ZHNG02RR |
| 0658 | 240105 | 0 | TDCT | STA 050 36 | 5473M ODF | 40-30.00S | 149-59.99W | g | ZHNG02RR |
| 1328 | 240105 | 0 | TDCT | STA 051 36 | 5122M ODF | 40-59.97S | 150.00.00W | g | ZHNG02RR |
| 2047 | 240105 | 0 | TDCT | STA 052 36 | 5198M ODF | 41-30.02S | 149-59.98W | g | ZHNG02RR |
| 0433 | 250105 | 0 | TDCT | STA 053 36 | 5217M ODF | 41-59.99S | 149-59.89W | g | ZHNG02RR |
| 1102 | 250105 | 0 | TDCT | STA 054 36 | 5074M ODF | 42-29.98S | 150-00.00W | g | ZHNG02RR |
| 1733 | 250105 | 0 | TDCT | STA 055 36 | 5146M ODF | 43.00.00S | 150.00.00W | g | ZHNG02RR |
| 0050 | 260105 | 0 | TDCT | STA 056 36 | 5066M ODF | 43-29.98S | 150-00.01W | g | ZHNG02RR |
| 0807 | 260105 | 0 | TDCT | STA 057 36 | 5384M ODF | 44-00.02S | 149-59.99W | g | ZHNG02RR |
| 1445 | 260105 | 0 | TDCT | STA 058 36 | 5181M ODF | 44-30.00S | 149-59.99W | g | ZHNG02RR |
| 2109 | 260105 | 0 | TDCT | STA 059 36 | 5216M ODF | 45-00.01S | 150-00.01W | g | ZHNG02RR |
| 0446 | 270105 | 0 | TDCT | STA 060 36 | 5125M ODF | 45-29.90S | 149-59.99W | g | ZHNG02RR |
| 1414 | 270105 | 0 | TDCT | STA 061 36 | 5198M ODF | 45-59.96S | 149-59.91W | g | ZHNG02RR |
| 2204 | 270105 | 0 | TDCT | STA 062 36 | 5005M ODF | 46-29.98S | 150-00.02W | g | ZHNG02RR |
| 0723 | 280105 | 0 | TDCT | STA 063 36 | 5081M ODF | 46-59.99S | 149-59.99W | g | ZHNG02RR |
| 1420 | 280105 | 0 | TDCT | STA 064 36 | 4770M ODF | 47-29.99S | 149-59.98W | g | ZHNG02RR |
| 2056 | 280105 | 0 | TDCT | STA 065 36 | 4675M ODF | 47-59.93S | 150-00.02W | g | ZHNG02RR |
| 0340 | 290105 | 0 | TDCT | STA 066 36 | 4799M ODF | 48-30.03S | 150-00.04W | g | ZHNG02RR |
| 1148 | 290105 | 0 | TDCT | STA 067 36 | 5038M ODF | 48-59.96S | 149-59.80W | g | ZHNG02RR |
| 2059 | 290105 | 0 | TDCT | STA 068 36 | 4176M ODF | 49-29.93S | 149-59.97W | g | ZHNG02RR |
| 1115 | 300105 | 0 | TDCT | STA 069 36 | 4183M ODF | 49-59.90S | 150-00.01W | g | ZHNG02RR |
| 1918 | 300105 | 0 | TDCT | STA 070 36 | 4430M ODF | 50-29.96S | 149-59.97W | g | ZHNG02RR |
| 0243 | 310105 | 0 | TDCT | STA 071 36 | 4888M ODF | 50-59.98S | 149-59.86W | g | ZHNG02RR |
| 1045 | 310105 | 0 | TDCT | STA 072 36 | 4371M ODF | 51-30.00S | 150-00.03W | g | ZHNG02RR |
| 1725 | 310105 | 0 | TDCT | STA 073 36 | 4475M ODF | 52-00.03S | 150-00.09W | g | ZHNG02RR |
| 2352 | 310105 | 0 | TDCT | STA 074 36 | 4654M ODF | 52-29.90S | 150-00.05W | g | ZHNG02RR |
| 0746 | 010205 | 0 | TDCT | STA 075 36 | 4119M ODF | 53-00.08S | 149-59.86W | g | ZHNG02RR |
| 1403 | 010205 | 0 | TDCT | STA 076 36 | 4428M ODF | 53-29.96S | 149-59.79W | g | ZHNG02RR |
| 2056 | 010205 | 0 | TDCT | STA 077 36 | 3667M ODF | 54-00.11S | 150-00.01W | g | ZHNG02RR |
| 0249 | 020205 | 0 | TDCT | STA 078 33 | 3505M ODF | 54-29.94S | 150-00.00W | g | ZHNG02RR |
| 0854 | 020205 | 0 | TDCT | STA 079 35 | 3531M ODF | 55-00.02S | 149-59.82W | g | ZHNG02RR |
| 1459 | 020205 | 0 | TDCT | STA 080 32 | 3717M ODF | 55-30.12S | 150-00.01W | g | ZHNG02RR |
| 2147 | 020205 | 0 | TDCT | STA 081 33 | 3409M ODF | 55-59.98S | 150.00.00W | g | ZHNG02RR |
| 0338 | 030205 | 0 | TDCT | STA 082 31 | 2782M ODF | 56-30.00S | 150-00.13W | g | ZHNG02RR |
| 1039 | 030205 | 0 | TDCT | STA 083 32 | 3200M ODF | 56-59.96S | 149-59.99W | g | ZHNG02RR |
| 1559 | 030205 | 0 | TDCT | STA 084 31 | 3077M ODF | 57-30.03S | 150-00.07W | g | ZHNG02RR |
| 2203 | 030205 | 0 | TDCT | STA 085 31 | 2906M ODF | 57-59.96S | 150-00.10W | g | ZHNG02RR |

| #GMT | DDMMYY | SAMP | B | SAMPLE | DISP | | | | p | CRUISE |
|--------|--------|------|------|--------------|-----------|-----------|------------|-------|---|----------|
| #TIME | DATE | TZ | CODE | E IDENTIFIER | CODE | LATITUDE | LONGITUDE | | c | LEG-SHIP |
| #----- | -- | --- | - | ----- | ---- | ----- | ----- | ----- | - | ----- |
| 0447 | 040205 | 0 | TDCT | STA 086 31 | 2866M ODF | 58-29.96S | 150-00.07W | g | | ZHNG02RR |
| 1014 | 040205 | 0 | TDCT | STA 087 31 | 2736M ODF | 59-00.01S | 150-00.04W | g | | ZHNG02RR |
| 1514 | 040205 | 0 | TDCT | STA 088 27 | 2339M ODF | 59-30.05S | 150-00.01W | g | | ZHNG02RR |
| 0042 | 050205 | 0 | TDCT | STA 089 30 | 2809M ODF | 60.00.00S | 149-59.99W | g | | ZHNG02RR |
| 0850 | 050205 | 0 | TDCT | STA 090 30 | 3073M ODF | 60-30.02S | 150-00.05W | g | | ZHNG02RR |
| 1526 | 050205 | 0 | TDCT | STA 091 32 | 3278M ODF | 60-59.98S | 149-59.98W | g | | ZHNG02RR |
| 2224 | 050205 | 0 | TDCT | STA 092 33 | 3660M ODF | 61-30.09S | 149-55.83W | g | | ZHNG02RR |
| 0548 | 060205 | 0 | TDCT | STA 093 31 | 3541M ODF | 61-59.99S | 150-02.27W | g | | ZHNG02RR |
| 1228 | 060205 | 0 | TDCT | STA 094 27 | 3344M ODF | 62-29.87S | 150-00.04W | g | | ZHNG02RR |
| 1854 | 060205 | 0 | TDCT | STA 095 33 | 3687M ODF | 63-00.00S | 149-59.98W | g | | ZHNG02RR |
| 0118 | 070205 | 0 | TDCT | STA 096 28 | 3378M ODF | 63-29.94S | 149-59.82W | g | | ZHNG02RR |
| 0649 | 070205 | 0 | TDCT | STA 097 29 | 3237M ODF | 64-00.05S | 149-59.91W | g | | ZHNG02RR |
| 1232 | 070205 | 0 | TDCT | STA 098 30 | 3569M ODF | 64-29.77S | 149-59.91W | g | | ZHNG02RR |
| 1939 | 070205 | 0 | TDCT | STA 099 32 | 4162M ODF | 64-59.97S | 150-00.02W | g | | ZHNG02RR |
| 0315 | 080205 | 0 | TDCT | STA 100 30 | 3823M ODF | 65-29.97S | 149-56.06W | g | | ZHNG02RR |
| 1001 | 080205 | 0 | TDCT | STA 101 30 | 4358M ODF | 66.00.00S | 150-00.02W | g | | ZHNG02RR |
| 1629 | 080205 | 0 | TDCT | STA 102 31 | 4556M ODF | 66-29.99S | 150-06.16W | g | | ZHNG02RR |
| 2350 | 080205 | 0 | TDCT | STA 103 31 | 4413M ODF | 67-00.04S | 149-54.49W | g | | ZHNG02RR |
| 0656 | 090205 | 0 | TDCT | STA 104 31 | 4428M ODF | 67-30.04S | 150-00.01W | g | | ZHNG02RR |
| 1250 | 090205 | 0 | TDCT | STA 105 30 | 4260M ODF | 67-59.92S | 150.00.00W | g | | ZHNG02RR |
| 1841 | 090205 | 0 | TDCT | STA 106 29 | 4387M ODF | 68-30.01S | 149-59.96W | g | | ZHNG02RR |
| 0142 | 100205 | 0 | TDCT | STA 107 32 | 4386M ODF | 69-00.05S | 149-59.63W | g | | ZHNG02RR |
| 0959 | 100205 | 0 | TDCT | STA 108 31 | 4391M ODF | 69-29.98S | 150-00.04W | g | | ZHNG02RR |
| 1554 | 100205 | 0 | TDCT | STA 109 32 | 4375M ODF | 70.00.00S | 150-00.01W | g | | ZHNG02RR |
| 2139 | 100205 | 0 | TDCT | STA 110 31 | 4339M ODF | 70-30.01S | 150-00.03W | g | | ZHNG02RR |
| 0417 | 110205 | 0 | TDCT | STA 111 31 | 4292M ODF | 70-59.97S | 150-00.15W | g | | ZHNG02RR |

*** ARGO - Robotic Floats ***

| | | | | | | | | | | |
|------|--------|---|------|-------------------|------|-----------|------------|---|--|----------|
| 2147 | 110105 | 0 | TDXX | ARGO #3 deployed | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2240 | 140105 | 0 | TDXX | ARGO #17 | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0720 | 160105 | 0 | TDXX | ARGO S#2 | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1558 | 170105 | 0 | TDXX | Argos Float #1744 | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0234 | 240105 | 0 | TDXX | Argos deployed | WHOI | 40-01.46S | 149-59.99W | g | | ZHNG02RR |
| 1018 | 260105 | 0 | TDXX | ARGOS deployed | WHOI | 44-00.05S | 149-59.99W | g | | ZHNG02RR |
| 0021 | 280105 | 0 | TDXX | ARGOS deployed | WHOI | 46-30.10S | 149-59.98W | g | | ZHNG02RR |
| 2254 | 280105 | 0 | TDXX | ARGOS deployed | WHOI | 47-59.97S | 150-00.02W | g | | ZHNG02RR |
| 1920 | 310105 | 0 | TDXX | ARGOS deployed | WHOI | 52-00.01S | 150-00.27W | g | | ZHNG02RR |
| 2354 | 030205 | 0 | TDXX | ARGOS #1754 | WHOI | 58.00.00S | 149-59.77W | g | | ZHNG02RR |
| 1715 | 040205 | 0 | TDXX | Argos deployed | WHOI | 59-30.04S | 150-00.55W | g | | ZHNG02RR |

*** Tracer Measurements ***

| | | | | | | | | | | |
|------|--------|---|------|----------------------|------|-----------|------------|---|--|----------|
| 1012 | 100105 | 0 | TDXX | B TMR #2 deployed JF | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1103 | 100105 | 0 | TDXX | E TMR #2 on deck JF | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0230 | 110105 | 0 | TDXX | B TMR #2 deployed EW | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0320 | 110105 | 0 | TDXX | E TMR #2 on deck JF | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1454 | 110105 | 0 | TDXX | B sta #5 TM Cast #2 | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1539 | 110105 | 0 | TDXX | E TM #2 on deck DM | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0335 | 120105 | 0 | TDXX | B TM #2 deployed EW | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0428 | 120105 | 0 | TDXX | E TM #2 on deck EW | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1328 | 120105 | 0 | TDXX | B TMR #2 deployed JF | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1414 | 120105 | 0 | TDXX | E Cast #2 on deck Dm | WHOI | 34-59.96S | 150-00.02W | g | | ZHNG02RR |

| #GMT | DDMMYY | SAMP | B | SAMPLE | DISP | | | | p | CRUISE |
|--------|--------|------|------|-----------------------|------|-----------|------------|-------|---|----------|
| #TIME | DATE | TZ | CODE | E IDENTIFIER | CODE | LATITUDE | LONGITUDE | | c | LEG-SHIP |
| #----- | ---- | -- | ---- | ----- | ---- | ----- | ----- | ----- | - | ----- |
| 0222 | 130105 | 0 | TDXX | B TM #1 deployed EW | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0309 | 130105 | 0 | TDXX | E TM #1 on deck EW | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1841 | 130105 | 0 | TDXX | B TM #2 deployed AA | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1926 | 130105 | 0 | TDXX | E TM #2 on deck AA | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0431 | 140105 | 0 | TDXX | B TM #1 deployed EW | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0520 | 140105 | 0 | TDXX | E TM #1 on deck EW | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1751 | 140105 | 0 | TDXX | B station #17 TM #1 | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1835 | 140105 | 0 | TDXX | E TM #1 on deck AA | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0727 | 150105 | 0 | TDXX | B station #19 TM #1 | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0817 | 150105 | 0 | TDXX | E TM #1 on deck AA | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2024 | 150105 | 0 | TDXX | B station #21 TM #1 | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2109 | 150105 | 0 | TDXX | E #1 on deck AA | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1000 | 160105 | 0 | TDXX | B station #23 TMR #1 | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1046 | 160105 | 0 | TDXX | E TMR #1 on deck JF | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2326 | 160105 | 0 | TDXX | B TMR #2 deployed JF | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0013 | 170105 | 0 | TDXX | E TMR #2 on deck JF | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1507 | 170105 | 0 | TDXX | B TM Cast #2 deployed | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1554 | 170105 | 0 | TDXX | E TM Cast #2 on deck | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0407 | 180105 | 0 | TDXX | B TM #2 deployed EW | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0454 | 180105 | 0 | TDXX | E TM #2 on deck EW | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1745 | 180105 | 0 | TDXX | B TM #3 deployed AA | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1832 | 180105 | 0 | TDXX | E TM #3 on deck AA | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0336 | 190105 | 0 | TDXX | B TM #1 deployed EW | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0420 | 190105 | 0 | TDXX | E TM #1 on deck EW | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2156 | 190105 | 0 | TDXX | B TMR #3 deployed JF | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2243 | 190105 | 0 | TDXX | E TMR #3 on deck JF | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0759 | 200105 | 0 | TDXX | B station #37 TM #1 | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0851 | 200105 | 0 | TDXX | E TM #1 on deck AA | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2222 | 200105 | 0 | TDXX | B TMR #2 deployed JF | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2310 | 200105 | 0 | TDXX | E TMR #2 on deck JF | WHOI | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1540 | 210105 | 0 | TDXX | B TM #2 deploy 845M | WHOI | 36-00.00S | 150-00.06W | | g | ZHNG02RR |
| 1628 | 210105 | 0 | TDXX | E sta #41 TM Cast # 2 | WHOI | 36-00.06S | 150-00.06W | | g | ZHNG02RR |
| 0216 | 220105 | 0 | TDXX | B station #43 TM #1 | WHOI | 37-00.01S | 149-59.97W | | g | ZHNG02RR |
| 0304 | 220105 | 0 | TDXX | E TM #1 on deck AA | WHOI | 37-00.01S | 149-59.98W | | g | ZHNG02RR |
| 2037 | 220105 | 0 | TDXX | B TM #2 deployed AA | WHOI | 38.00.00S | 150.00.00W | | g | ZHNG02RR |
| 2127 | 220105 | 0 | TDXX | E TM #2 on deck AA | WHOI | 38.00.00S | 150.00.00W | | g | ZHNG02RR |
| 0715 | 230105 | 0 | TDXX | B station #47 TM #1 | WHOI | 38-59.98S | 150-00.00W | | g | ZHNG02RR |
| 0806 | 230105 | 0 | TDXX | E TM #1 on deck AA | WHOI | 38-59.98S | 150-00.01W | | g | ZHNG02RR |
| 2124 | 230105 | 0 | TDXX | B station #49 TM #1 | WHOI | 39-59.98S | 150-00.03W | | g | ZHNG02RR |
| 2212 | 230105 | 0 | TDXX | E TMR #1 on deck JF | WHOI | 39-59.98S | 150-00.03W | | g | ZHNG02RR |
| 1534 | 240105 | 0 | TDXX | B TM Cast #2 dep 850M | WHOI | 40-59.99S | 150.00.00W | | g | ZHNG02RR |
| 1626 | 240105 | 0 | TDXX | E TM Cast #2 on deck | WHOI | 40-59.99S | 150.00.00W | | g | ZHNG02RR |
| 0207 | 250105 | 0 | TDXX | B TM #1 deployed EW | WHOI | 42-00.04S | 149-59.95W | | g | ZHNG02RR |
| 0250 | 250105 | 0 | TDXX | E TM #1 on deck EW | WHOI | 42-00.04S | 149-59.95W | | g | ZHNG02RR |
| 1935 | 250105 | 0 | TDXX | B TM #2 deployed AA | WHOI | 42-59.99S | 150.00.00W | | g | ZHNG02RR |
| 2021 | 250105 | 0 | TDXX | E TM #2 on deck AA | WHOI | 43.00.00S | 149-59.99W | | g | ZHNG02RR |
| 0537 | 260105 | 0 | TDXX | B TM #1 deployed EW | WHOI | 44-00.02S | 149-59.99W | | g | ZHNG02RR |
| 0624 | 260105 | 0 | TDXX | E TM #1 on deck AA | WHOI | 44-00.02S | 149-59.99W | | g | ZHNG02RR |
| 2331 | 260105 | 0 | TDXX | B TMR #3 deployed JF | WHOI | 45-00.04S | 149-59.97W | | g | ZHNG02RR |
| 0019 | 270105 | 0 | TDXX | E TMR #3 on deck JF | WHOI | 45-00.04S | 149-59.97W | | g | ZHNG02RR |
| 1016 | 270105 | 0 | TDXX | B station #61 TMR #1 | WHOI | 45-59.94S | 149-59.88W | | g | ZHNG02RR |
| 1115 | 270105 | 0 | TDXX | E TMR #1 on deck JF | WHOI | 45-59.98S | 149-59.87W | | g | ZHNG02RR |

| #GMT | DDMMYY | SAMP | B | SAMPLE | DISP | | | | p | CRUISE |
|--------|--------|------|------|--------------------|------|-----------|------------|-------|---|----------|
| #TIME | DATE | TZ | CODE | E IDENTIFIER | CODE | LATITUDE | LONGITUDE | | c | LEG-SHIP |
| #----- | ---- | -- | ---- | ----- | ---- | ----- | ----- | ----- | - | ----- |
| 1853 | 010205 | 0 | TDXX | B station #77 | WHOI | 54-00.01S | 150-00.01W | | g | ZHNG02RR |
| 1942 | 010205 | 0 | TDXX | E TM #1 on deck | WHOI | 53-59.99S | 150-00.00W | | g | ZHNG02RR |
| 1940 | 020205 | 0 | TDXX | B station #81 | WHOI | 55-59.87S | 150-00.01W | | g | ZHNG02RR |
| 2030 | 020205 | 0 | TDXX | E TM #1 on deck | WHOI | 55-59.87S | 150-00.01W | | g | ZHNG02RR |
| 1735 | 030205 | 0 | TDXX | B TM #2 deployed | WHOI | 57-30.03S | 150-00.07W | | g | ZHNG02RR |
| 1813 | 030205 | 0 | TDXX | E TM #2 on deck | WHOI | 57-30.03S | 150-00.08W | | g | ZHNG02RR |
| 0255 | 040205 | 0 | TDXX | B station #86 | WHOI | 58-29.97S | 150-00.06W | | g | ZHNG02RR |
| 0344 | 040205 | 0 | TDXX | E TM #1 on deck | WHOI | 58-29.96S | 150-00.07W | | g | ZHNG02RR |
| 0632 | 050205 | 0 | TDXX | B station #90 | WHOI | 60-29.85S | 150-00.15W | | g | ZHNG02RR |
| 0722 | 050205 | 0 | TDXX | E TM #1 on deck | WHOI | 60-29.89S | 150-00.20W | | g | ZHNG02RR |
| 0001 | 060205 | 0 | TDXX | B TMR #2 deployed | WHOI | 61-30.09S | 149-55.83W | | g | ZHNG02RR |
| 0047 | 060205 | 0 | TDXX | E TMR #2 on deck | WHOI | 61-30.09S | 149-55.83W | | g | ZHNG02RR |
| 1027 | 060205 | 0 | TDXX | B station #94 | WHOI | 62-29.87S | 150-00.04W | | g | ZHNG02RR |
| 1116 | 060205 | 0 | TDXX | E TMR #1 on deck | WHOI | 62-29.87S | 150-00.04W | | g | ZHNG02RR |
| 2321 | 060205 | 0 | TDXX | B TMR #2 deployed | WHOI | 63-29.94S | 149-59.82W | | g | ZHNG02RR |
| 0010 | 070205 | 0 | TDXX | E TMR #2 on deck | WHOI | 63-29.94S | 149-59.82W | | g | ZHNG02RR |
| 1409 | 070205 | 0 | TDXX | B TM #2 deployed | WHOI | 64-29.77S | 149-59.91W | | g | ZHNG02RR |
| 1505 | 070205 | 0 | TDXX | E TM #2 on deck | WHOI | 64-29.76S | 149-59.91W | | g | ZHNG02RR |
| 0101 | 080205 | 0 | TDXX | B station #100 | WHOI | 65-29.97S | 149-56.06W | | g | ZHNG02RR |
| 0155 | 080205 | 0 | TDXX | E TM #1 on deck | WHOI | 65-29.97S | 149-56.06W | | g | ZHNG02RR |
| 1820 | 080205 | 0 | TDXX | B TM #2 deployed | WHOI | 66-29.99S | 150-06.16W | | g | ZHNG02RR |
| 1904 | 080205 | 0 | TDXX | E TM #2 on deck | WHOI | 66-30.00S | 150-06.16W | | g | ZHNG02RR |
| 0436 | 090205 | 0 | TDXX | B station #104 | WHOI | 67-30.04S | 149-59.88W | | g | ZHNG02RR |
| 0525 | 090205 | 0 | TDXX | E TM #1 on deck | WHOI | 67-30.04S | 149-59.88W | | g | ZHNG02RR |
| 2029 | 090205 | 0 | TDXX | B TM #1 deployed | WHOI | 68-30.05S | 150-00.07W | | g | ZHNG02RR |
| 2116 | 090205 | 0 | TDXX | E TM #2 on deck | WHOI | 68-30.05S | 150-00.07W | | g | ZHNG02RR |
| 0648 | 100205 | 0 | TDXX | B station #108 | WHOI | 69-30.00S | 150-00.03W | | g | ZHNG02RR |
| 0659 | 100205 | 0 | TDXX | E TM #1 recovered | WHOI | 69-30.00S | 150-00.04W | | g | ZHNG02RR |
| 0738 | 100205 | 0 | TDXX | B TM #1 redeployed | WHOI | 69-30.01S | 150-00.03W | | g | ZHNG02RR |
| 0830 | 100205 | 0 | TDXX | E TM #1 on deck | WHOI | 69-30.00S | 150-00.04W | | g | ZHNG02RR |
| 0943 | 100105 | 0 | TDCT | B CTD #1 Sta. 1 | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1002 | 100105 | 0 | TDCT | E CTD #1 on deck | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1115 | 100105 | 0 | TDCT | B CTD #3 deployed | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1427 | 100105 | 0 | TDCT | E CTD #3 on deck | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1718 | 100105 | 0 | TDCT | B CTD #1 Sta.2 | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2026 | 100105 | 0 | TDCT | E CTD #1 on deck | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2332 | 100105 | 0 | TDCT | B sta #3 CTD #1 | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0225 | 110105 | 0 | TDCT | E CTD #1 on deck | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0653 | 110105 | 0 | TDCT | B sta #4 CTD # 1 | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0907 | 110105 | 0 | TDCT | E CTD #1 on deck | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1211 | 110105 | 0 | TDCT | B sta #5 CTD #1 | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1449 | 110105 | 0 | TDCT | E sta #5 CTD # 1 | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1454 | 110105 | 0 | TDCT | B sta #5 CTD # 2 | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2124 | 110105 | 0 | TDCT | E CTD #2 on deck | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0025 | 120105 | 0 | TDCT | B station #7 | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0330 | 120105 | 0 | TDCT | E CTD #1 on deck | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0710 | 120105 | 0 | TDCT | B sta #8 CTD #1 | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1019 | 120105 | 0 | TDCT | E CTD #1 on deck | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |

| #GMT | DDMMYY | SAMP | B | SAMPLE | DISP | | | | p | CRUISE |
|--------|--------|------|------|------------------------|------|-----------|------------|-----|-----|----------|
| #TIME | DATE | TZ | CODE | E IDENTIFIER | CODE | LATITUDE | LONGITUDE | | c | LEG-SHIP |
| #----- | --- | --- | --- | ----- | --- | ----- | ----- | --- | --- | ----- |
| 1303 | 120105 | 0 | TDCT | B sta #9 CTD #1 250M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1322 | 120105 | 0 | TDCT | E CTD #1 on deck JF | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1423 | 120105 | 0 | TDCT | B sta #9 CTD # 3 4400M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1748 | 120105 | 0 | TDCT | E CTD #3 on deck HG | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2054 | 120105 | 0 | TDCT | B CTD #2 deploy 3865M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2339 | 120105 | 0 | TDCT | E CTD #2 on deck JF | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0315 | 130105 | 0 | TDCT | B CTD #2 deployed EW | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0617 | 130105 | 0 | TDCT | E CTD #2 on deck HG | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0902 | 130105 | 0 | TDCT | B station #12 CTD #1 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1233 | 130105 | 0 | TDCT | E CTD #1 on deck JF | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1520 | 130105 | 0 | TDCT | B sta #13 CTD #1 4572M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1837 | 130105 | 0 | TDCT | E CTD #1 on deck AA | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2243 | 130105 | 0 | TDCT | B CTD #2 deployed JF | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0525 | 140105 | 0 | TDCT | B CTD #2 deploy 4860M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0850 | 140105 | 0 | TDCT | E CTD #2 on deck AA | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1141 | 140105 | 0 | TDCT | B sta #16 CTD #1 4542M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1501 | 140105 | 0 | TDCT | E sta #16 CTD #1 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1840 | 140105 | 0 | TDCT | B CTD #2 deploy 4970M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2220 | 140105 | 0 | TDCT | E CTD #2 on deck JF | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0125 | 150105 | 0 | TDCT | B station #18 CTD #1 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0442 | 150105 | 0 | TDCT | E CTD #1 on deck EW | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0821 | 150105 | 0 | TDCT | B CTD #2 deploy 4595M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1126 | 150105 | 0 | TDCT | E CTD #2 on deck JF | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1414 | 150105 | 0 | TDCT | B sta #20 CTD#20 4678M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1741 | 150105 | 0 | TDCT | E CTD #1 on Deck DM | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2142 | 150105 | 0 | TDCT | B CTD #3 deploy 4680M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0055 | 160105 | 0 | TDCT | E CTD #3 on deck JF | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0341 | 160105 | 0 | TDCT | B ployed CTD #1 EW | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0710 | 160105 | 0 | TDCT | E CTD #1 on deck HG | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1052 | 160105 | 0 | TDCT | B CTD #2 deployed JF | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1416 | 160105 | 0 | TDCT | E sta #23 CTD #2 on | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1701 | 160105 | 0 | TDCT | B sta #24 CTD #1 4620M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2018 | 160105 | 0 | TDCT | E CTD #1 on deck AA | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0020 | 170105 | 0 | TDCT | B CTD #3 deploy 3550M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0255 | 170105 | 0 | TDCT | E CTD #3 on deck EW | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0536 | 170105 | 0 | TDCT | B CTD #1 deploy 4560M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 0850 | 170105 | 0 | TDCT | E CTD #1 on deck AA | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1136 | 170105 | 0 | TDCT | B sta #27 CTD #1 4617M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1500 | 170105 | 0 | TDCT | E sta #27 CTD #1 on | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 1834 | 170105 | 0 | TDCT | B sta #28 CTD #1 4130M | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2142 | 170105 | 0 | TDCT | E CTD #1 on deck AA | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |

| #GMT | DDMMYY | SAMP | B | SAMPLE | DISP | | | | p | CRUISE |
|--------|--------|------|------|------------------------|------|-----------|------------|-------|---|----------|
| #TIME | DATE | TZ | CODE | E IDENTIFIER | CODE | LATITUDE | LONGITUDE | | c | LEG-SHIP |
| #----- | ---- | -- | ---- | ----- | ---- | ----- | ----- | ----- | - | ----- |
| 0045 | 180105 | 0 | TDCT | B station #29 CTD #1 | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0400 | 180105 | 0 | TDCT | E CTD #1 on deck EW | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0637 | 180105 | 0 | TDCT | B sta #30 CTD #1 4800M | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1056 | 180105 | 0 | TDCT | E CTD #1 on deck JF | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1342 | 180105 | 0 | TDCT | B sta #31 CTD #1 250M | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1359 | 180105 | 0 | TDCT | E CTD #1 on deck DM | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1423 | 180105 | 0 | TDCT | B CTD #2 deploy 4730M | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1743 | 180105 | 0 | TDCT | E CTD #2 on deck AA | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2129 | 180105 | 0 | TDCT | B CTD #2 deploy 4580M | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0040 | 190105 | 0 | TDCT | E CTD #2 on deck JF | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0415 | 190105 | 0 | TDCT | B CTD #2 deploy 4730M | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0808 | 190105 | 0 | TDCT | E CTD #2 on deck AA | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1103 | 190105 | 0 | TDCT | B sta #34 CTD #1 5130M | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1438 | 190105 | 0 | TDCT | E CTD #1 on deck DM | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1732 | 190105 | 0 | TDCT | B sta#35 CTD #1 5472M | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 2135 | 190105 | 0 | TDCT | E CTD #1 on deck AA | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0129 | 200105 | 0 | TDCT | B sta #36 CTD #1 5397M | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0509 | 200105 | 0 | TDCT | E CTD #1 on deck EW | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0855 | 200105 | 0 | TDCT | B CTD #2 deploy 5139M | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1236 | 200105 | 0 | TDCT | E CTD #2 on deck JF | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1519 | 200105 | 0 | TDCT | B sta #38 CTD #1 5160M | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 1854 | 200105 | 0 | TDCT | E CTD #1 on deck AA | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0245 | 210105 | 0 | TDCT | E CTD #3 on deck EW | ODF | 34-59.96S | 150-00.02W | | g | ZHNG02RR |
| 0535 | 210105 | 0 | TDCT | B CTD #1 depoly 5355M | ODF | 35-30.00S | 149-59.99W | | g | ZHNG02RR |
| 0911 | 210105 | 0 | TDCT | E D #1 on deck AA | ODF | 35-30.00S | 149-59.96W | | g | ZHNG02RR |
| 1216 | 210105 | 0 | TDCT | B sta #41 CTD #1 4703M | ODF | 35-59.93S | 150-00.01W | | g | ZHNG02RR |
| 1536 | 210105 | 0 | TDCT | E CTD #1 on deck DM | ODF | 35-59.99S | 150-00.05W | | g | ZHNG02RR |
| 1922 | 210105 | 0 | TDCT | B sta #42 CTD #1 5390M | ODF | 36-29.96S | 150-00.01W | | g | ZHNG02RR |
| 2305 | 210105 | 0 | TDCT | E CTD #1 on deck JF | ODF | 36-30.00S | 150-00.01W | | g | ZHNG02RR |
| 0311 | 220105 | 0 | TDCT | B CTD #2 deployed AA | ODF | 37-00.01S | 149-59.97W | | g | ZHNG02RR |
| 0709 | 220105 | 0 | TDCT | E CTD #2 on deck AA | ODF | 37-00.01S | 149-59.98W | | g | ZHNG02RR |
| 1005 | 220105 | 0 | TDCT | B sta #44 CTD #1 5560M | ODF | 37-29.96S | 150.00.00W | | g | ZHNG02RR |
| 1404 | 220105 | 0 | TDCT | E CTD #1 on deck DM | ODF | 37-29.96S | 150.00.00W | | g | ZHNG02RR |
| 1647 | 220105 | 0 | TDCT | B sta#45 CTD #1 5468M | ODF | 38-00.04S | 149-59.97W | | g | ZHNG02RR |
| 2032 | 220105 | 0 | TDCT | E CTD #1 on deck AA | ODF | 38.00.00S | 150.00.00W | | g | ZHNG02RR |
| 0040 | 230105 | 0 | TDCT | B station #46 CTD #1 | ODF | 38-29.93S | 150-00.03W | | g | ZHNG02RR |
| 0430 | 230105 | 0 | TDCT | E CTD #1 on deck EW | ODF | 38-30.26S | 150-00.04W | | g | ZHNG02RR |
| 0810 | 230105 | 0 | TDCT | B CTD #2 deployed AA | ODF | 38-59.98S | 150-00.01W | | g | ZHNG02RR |
| 1151 | 230105 | 0 | TDCT | E CTD #2 on deck JF | ODF | 38-59.98S | 150-00.00W | | g | ZHNG02RR |
| 1444 | 230105 | 0 | TDCT | B sta #48 CTD #1 5428M | ODF | 39-29.96S | 149-59.94W | | g | ZHNG02RR |
| 1831 | 230105 | 0 | TDCT | E CTD #1 on deck AA | ODF | 39-29.95S | 150-00.05W | | g | ZHNG02RR |

| #GMT | DDMMYY | SAMP | B | SAMPLE | DISP | | | | p | CRUISE |
|--------|--------|------|------|----------------------|-----------|-----------|------------|-------|----------|----------|
| #TIME | DATE | TZ | CODE | E IDENTIFIER | CODE | LATITUDE | LONGITUDE | | c | LEG-SHIP |
| #----- | --- | --- | --- | ----- | ---- | ----- | ----- | ----- | --- | ----- |
| 2234 | 230105 | 0 | TDCT | B CTD #3 deployed | JF ODF | 39-59.96S | 150-00.03W | g | ZHNG02RR | |
| 0230 | 240105 | 0 | TDCT | E CTD #3 on deck | EW ODF | 40-00.76S | 150-00.04W | g | ZHNG02RR | |
| 0506 | 240105 | 0 | TDCT | B CTD #1 deploy | 5530M ODF | 40-30.00S | 149-59.98W | g | ZHNG02RR | |
| 0908 | 240105 | 0 | TDCT | E CTD #1 on deck | AA ODF | 40-30.00S | 149-59.99W | g | ZHNG02RR | |
| 1156 | 240105 | 0 | TDCT | B sta #51 CTD #1 | 5170M ODF | 40-59.97S | 150.00.00W | g | ZHNG02RR | |
| 1530 | 240105 | 0 | TDCT | E CTD #1 on deck | DM ODF | 40-59.99S | 150.00.00W | g | ZHNG02RR | |
| 1913 | 240105 | 0 | TDCT | B sta #52 CTD #1 | 5242M ODF | 41-30.02S | 149-59.98W | g | ZHNG02RR | |
| 2253 | 240105 | 0 | TDCT | E CTD #1 on deck | JF ODF | 41-30.01S | 149-59.98W | g | ZHNG02RR | |
| 0254 | 250105 | 0 | TDCT | B CTD #2 deployed | EW ODF | 42-00.04S | 149-59.95W | g | ZHNG02RR | |
| 0635 | 250105 | 0 | TDCT | E CTD #2 on deck | AA ODF | 41-59.99S | 149-59.88W | g | ZHNG02RR | |
| 0930 | 250105 | 0 | TDCT | B sta #54 CTD #1 | 5098M ODF | 42-29.98S | 150.00.00W | g | ZHNG02RR | |
| 1315 | 250105 | 0 | TDCT | E CTD #1 on deck | JF ODF | 42-29.98S | 150-00.00W | g | ZHNG02RR | |
| 1601 | 250105 | 0 | TDCT | B sta# 55 CTD #1 | 5190M ODF | 43-00.07S | 149-59.95W | g | ZHNG02RR | |
| 1933 | 250105 | 0 | TDCT | E CTD #1 on deck | AA ODF | 43-00.00S | 150-00.00W | g | ZHNG02RR | |
| 2320 | 250105 | 0 | TDCT | B station #56 CTD #1 | ODF | 43-29.98S | 150-00.01W | g | ZHNG02RR | |
| 0250 | 260105 | 0 | TDCT | E CTD #1 on deck | EW ODF | 43-29.98S | 150-00.02W | g | ZHNG02RR | |
| 0630 | 260105 | 0 | TDCT | B CTD #2 deploy | 5427M ODF | 44-00.02S | 149-59.99W | g | ZHNG02RR | |
| 1012 | 260105 | 0 | TDCT | E CTD #2 on deck | JF ODF | 44-00.02S | 149-59.99W | g | ZHNG02RR | |
| 1310 | 260105 | 0 | TDCT | B sta #58 CTD #1 | 5232M ODF | 44-30.01S | 149-59.92W | g | ZHNG02RR | |
| 1645 | 260105 | 0 | TDCT | E CTD #1 on deck | DM ODF | 44-30.00S | 149-59.99W | g | ZHNG02RR | |
| 1934 | 260105 | 0 | TDCT | B sta #59 CTD #1 | 5352M ODF | 45-00.01S | 150-00.01W | g | ZHNG02RR | |
| 2310 | 260105 | 0 | TDCT | E CTD #1 on deck | JF ODF | 45-00.01S | 150-00.01W | g | ZHNG02RR | |
| 0313 | 270105 | 0 | TDCT | B station #60 CTD #1 | ODF | 45-29.89S | 149-59.98W | g | ZHNG02RR | |
| 0700 | 270105 | 0 | TDCT | E CTD #1 on deck | AA ODF | 45-29.93S | 150.00.00W | g | ZHNG02RR | |
| 1135 | 270105 | 0 | TDCT | B CTD #2 deployed | JF ODF | 45-59.93S | 149-59.89W | g | ZHNG02RR | |
| 1223 | 270105 | 0 | TDCT | B CTD #3 deploy | 5180M ODF | 45-59.99S | 149-59.86W | g | ZHNG02RR | |
| 1626 | 270105 | 0 | TDCT | E CTD #3 on deck | DM ODF | 45-59.86S | 150-00.17W | g | ZHNG02RR | |
| 2018 | 270105 | 0 | TDCT | B station #62 CTD #1 | ODF | 46-29.95S | 150-00.08W | g | ZHNG02RR | |
| 0004 | 280105 | 0 | TDCT | E CTD #1 on deck | JF ODF | 46-29.98S | 150-00.02W | g | ZHNG02RR | |
| 0435 | 280105 | 0 | TDCT | B sta #63 CTD #1 | 5086M ODF | 45-29.91S | 149-59.99W | g | ZHNG02RR | |
| 0934 | 280105 | 0 | TDCT | E CTD #1 on deck | AA ODF | 47-00.02S | 149-59.98W | g | ZHNG02RR | |
| 1236 | 280105 | 0 | TDCT | B sta #64 CTD #1 | 4783M ODF | 47-29.95S | 149-59.92W | g | ZHNG02RR | |
| 1616 | 280105 | 0 | TDCT | E CTD #1 on deck | DM ODF | 47-30.00S | 150.00.00W | g | ZHNG02RR | |
| 1925 | 280105 | 0 | TDCT | B sta #65 CTD #1 | 4656M ODF | 48-00.02S | 149-59.98W | g | ZHNG02RR | |
| 2245 | 280105 | 0 | TDCT | E CTD #1 on deck | JF ODF | 47-59.96S | 150-00.00W | g | ZHNG02RR | |
| 0209 | 290105 | 0 | TDCT | B station #66 CTD #1 | ODF | 48-30.04S | 150-00.05W | g | ZHNG02RR | |
| 0544 | 290105 | 0 | TDCT | E CTD #1 on deck | EW ODF | 48-30.24S | 149-59.63W | g | ZHNG02RR | |
| 0936 | 290105 | 0 | TDCT | B sta #67 CTD #1 | 5085M ODF | 49-00.01S | 149-59.77W | g | ZHNG02RR | |
| 1415 | 290105 | 0 | TDCT | E CTD #1 on deck | EW ODF | 48-59.91S | 149-59.73W | g | ZHNG02RR | |
| 1912 | 290105 | 0 | TDCT | B sta #68 CTD #1 | 4175M ODF | 49-29.89S | 150-00.06W | g | ZHNG02RR | |
| 2242 | 290105 | 0 | TDCT | E CTD on deck | JF ODF | 49-29.94S | 149-59.90W | g | ZHNG02RR | |
| 0802 | 300105 | 0 | TDCT | B CTD #1 deploy | 4194M ODF | 49-59.86S | 150-00.08W | g | ZHNG02RR | |

| #GMT | DDMMYY | SAMP | B | SAMPLE | DISP | | | | p | CRUISE |
|--------|--------|------|------|------------------------|------|-----------|------------|---|------|----------|
| #TIME | DATE | TZ | CODE | E IDENTIFIER | CODE | LATITUDE | LONGITUDE | | c | LEG-SHIP |
| #----- | ---- | -- | ---- | ----- | ---- | ----- | ----- | | ---- | ----- |
| 1319 | 300105 | 0 | TDCT | E CTD on deck JF | ODF | 49-59.99S | 149-59.96W | g | | ZHNG02RR |
| 1745 | 300105 | 0 | TDCT | B CTation #70 CTD #1 | ODF | 50-30.00S | 149-59.97W | g | | ZHNG02RR |
| 1750 | 300105 | 0 | TDCT | E CTD #1 recovered AA | ODF | 50-30.01S | 149-59.95W | g | | ZHNG02RR |
| 1753 | 300105 | 0 | TDCT | B CTD #1 re-deployed | ODF | 50-30.00S | 149-59.97W | g | | ZHNG02RR |
| 1918 | 300105 | 0 | TDCT | CTD #1 @ 4435m AA | ODF | 50-29.96S | 149-59.97W | g | | ZHNG02RR |
| 2105 | 300105 | 0 | TDCT | E CTD #1 on deck AA | ODF | 50-29.95S | 149-59.94W | g | | ZHNG02RR |
| 0109 | 310105 | 0 | TDCT | B station #71 CTD #1 | ODF | 50-59.99S | 149-59.89W | g | | ZHNG02RR |
| 0448 | 310105 | 0 | TDCT | E CTD #1 on deck EW | ODF | 51-00.02S | 149-59.84W | g | | ZHNG02RR |
| 0915 | 310105 | 0 | TDCT | B sta #72 CTD #1 4378M | ODF | 51-29.99S | 150-00.03W | g | | ZHNG02RR |
| 1238 | 310105 | 0 | TDCT | E CTD #1 on deck JF | ODF | 51-29.99S | 150-00.02W | g | | ZHNG02RR |
| 1555 | 310105 | 0 | TDCT | B station #73 CTD #1 | ODF | 52-00.02S | 150-00.09W | g | | ZHNG02RR |
| 1910 | 310105 | 0 | TDCT | E CTD #1 on deck AA | ODF | 52-00.01S | 150-00.09W | g | | ZHNG02RR |
| 2224 | 310105 | 0 | TDCT | B station #74 CTD #1 | ODF | 52-29.90S | 150-00.04W | g | | ZHNG02RR |
| 0146 | 010205 | 0 | TDCT | E CTD on deck JF | ODF | 52-29.94S | 150-00.03W | g | | ZHNG02RR |
| 0615 | 010205 | 0 | TDCT | B sta #75 CTD #1 4127M | ODF | 52-59.99S | 150.00.00W | g | | ZHNG02RR |
| 0935 | 010205 | 0 | TDCT | E CTD #1 on deck AA | ODF | 53-00.20S | 149-59.64W | g | | ZHNG02RR |
| 1239 | 010205 | 0 | TDCT | B station #76 CTD #1 | ODF | 53-29.95S | 149-59.84W | g | | ZHNG02RR |
| 1549 | 010205 | 0 | TDCT | E CTD #1 on deck EW | ODF | 53-30.09S | 149-59.80W | g | | ZHNG02RR |
| 1950 | 010205 | 0 | TDCT | B CTD #2 deploye 3626M | ODF | 54-00.00S | 150-00.00W | g | | ZHNG02RR |
| 2232 | 010205 | 0 | TDCT | E CTD #2 on deck JF | ODF | 54-00.43S | 150-00.00W | g | | ZHNG02RR |
| 0141 | 020205 | 0 | TDCT | B station #78 CTD #1 | ODF | 54-29.69S | 150-00.05W | g | | ZHNG02RR |
| 0415 | 020205 | 0 | TDCT | E CTD #1 on deck EW | ODF | 54-30.25S | 149-59.98W | g | | ZHNG02RR |
| 0737 | 020205 | 0 | TDCT | B sta #79 CTD #1 3506M | ODF | 54-59.92S | 149-59.94W | g | | ZHNG02RR |
| 1027 | 020205 | 0 | TDCT | E CTD on deck JF | ODF | 54-59.98S | 149-59.85W | g | | ZHNG02RR |
| 1346 | 020205 | 0 | TDCT | B station #80 CTD #1 | ODF | 55-29.87S | 150.00.00W | g | | ZHNG02RR |
| 1640 | 020205 | 0 | TDCT | E CTD #1 on deck EW | ODF | 55-30.75S | 150-00.27W | g | | ZHNG02RR |
| 2035 | 020205 | 0 | TDCT | B CTD #2 deploye 3407M | ODF | 55-59.87S | 150-00.01W | g | | ZHNG02RR |
| 2314 | 020205 | 0 | TDCT | E CTD #2 on deck JF | ODF | 55-59.98S | 150.00.00W | g | | ZHNG02RR |
| 0240 | 030205 | 0 | TDCT | B station #82 CTD #1 | ODF | 56-29.99S | 150-00.14W | g | | ZHNG02RR |
| 0450 | 030205 | 0 | TDCT | E CTD #1 on deck EW | ODF | 56-30.00S | 150-00.13W | g | | ZHNG02RR |
| 0926 | 030205 | 0 | TDCT | B sta #83 CTD #1 3154M | ODF | 56-59.96S | 149-59.99W | g | | ZHNG02RR |
| 1205 | 030205 | 0 | TDCT | E CTD on deck JF | ODF | 56-59.96S | 149-59.99W | g | | ZHNG02RR |
| 1500 | 030205 | 0 | TDCT | B station #84 CTD #1 | ODF | 57-30.03S | 150-00.07W | g | | ZHNG02RR |
| 1720 | 030205 | 0 | TDCT | E CTD #1 on deck EW | ODF | 57-30.03S | 150-00.07W | g | | ZHNG02RR |
| 2105 | 030205 | 0 | TDCT | B sta #85 CTD #1 2875M | ODF | 58-00.01S | 150-00.09W | g | | ZHNG02RR |
| 2326 | 030205 | 0 | TDCT | E CTD on deck JF | ODF | 57-59.96S | 150-00.10W | g | | ZHNG02RR |
| 0355 | 040205 | 0 | TDCT | B CTD #2 deployed EW | ODF | 58-29.96S | 150-00.07W | g | | ZHNG02RR |
| 0612 | 040205 | 0 | TDCT | E CTD #2 on deck AA | ODF | 58-29.96S | 150-00.07W | g | | ZHNG02RR |
| 0918 | 040205 | 0 | TDCT | B station #87 CTD #1 | ODF | 59-00.01S | 150-00.03W | g | | ZHNG02RR |
| 1123 | 040205 | 0 | TDCT | E CTD on deck JF | ODF | 59-00.01S | 150-00.04W | g | | ZHNG02RR |
| 1428 | 040205 | 0 | TDCT | B station #88 CTD #1 | ODF | 59-30.02S | 150-00.02W | g | | ZHNG02RR |
| 1619 | 040205 | 0 | TDCT | E CTD #1 on deck EW | ODF | 59-29.98S | 150.00.00W | g | | ZHNG02RR |
| 2016 | 040205 | 0 | TDCT | B station #89 CTD #1 | ODF | 60.00.00S | 150.09.99W | g | | ZHNG02RR |
| 2034 | 040205 | 0 | TDCT | E CTD #1 on deck AA | ODF | 60.00.00S | 150.09.99W | g | | ZHNG02RR |
| 2348 | 040205 | 0 | TDCT | B station 89 CTD #1 | ODF | 59-59.98S | 150-00.01W | g | | ZHNG02RR |
| 0315 | 050205 | 0 | TDCT | E CTD #1 on deck EW | ODF | 59-59.95S | 150-00.03W | g | | ZHNG02RR |
| 0731 | 050205 | 0 | TDCT | B CTD #2 deploy 3004M | ODF | 60-29.91S | 150-00.19W | g | | ZHNG02RR |
| 1018 | 050205 | 0 | TDCT | E CTD on deck JF | ODF | 60-30.02S | 150-00.05W | g | | ZHNG02RR |
| 1415 | 050205 | 0 | TDCT | B station #91 CTD#1 | ODF | 60-59.98S | 149-59.98W | g | | ZHNG02RR |
| 1653 | 050205 | 0 | TDCT | E CTD #1 CTD on deck | ODF | 60-59.98S | 149-59.98W | g | | ZHNG02RR |
| 2116 | 050205 | 0 | TDCT | B station #92 CTD #1 | ODF | 61-30.09S | 149-55.82W | g | | ZHNG02RR |
| 2357 | 050205 | 0 | TDCT | E CTD #1 on deck JF | ODF | 61-30.09S | 149-55.83W | g | | ZHNG02RR |

| #GMT | DDMMYY | SAMP | B | SAMPLE | DISP | | | | p | CRUISE |
|--------|--------|------|------|------------------------|------|-----------|------------|-----|-----|----------|
| #TIME | DATE | TZ | CODE | E IDENTIFIER | CODE | LATITUDE | LONGITUDE | | c | LEG-SHIP |
| #----- | --- | --- | --- | ----- | --- | ----- | ----- | --- | --- | ----- |
| 0345 | 060205 | 0 | TDCT | B station #93 CTD #1 | ODF | 61-59.99S | 150-02.26W | g | | ZHNG02RR |
| 0400 | 060205 | 0 | TDCT | E CTD #1 on deck | ODF | 61-59.98S | 150-02.30W | g | | ZHNG02RR |
| 0440 | 060205 | 0 | TDCT | B CTD #2 deployed | ODF | 61-59.99S | 150-02.26W | g | | ZHNG02RR |
| 0725 | 060205 | 0 | TDCT | E CTD #2 on deck | ODF | 61-59.99S | 150-02.27W | g | | ZHNG02RR |
| 1121 | 060205 | 0 | TDCT | B CTD #2 deployed | ODF | 62-29.87S | 150-00.04W | g | | ZHNG02RR |
| 1400 | 060205 | 0 | TDCT | E CTD #2 on deck | ODF | 62-29.87S | 150-00.03W | g | | ZHNG02RR |
| 1652 | 060205 | 0 | TDCT | X sta #95 CTD #1 | ODF | 63.00.00S | 149-59.92W | g | | ZHNG02RR |
| 1740 | 060205 | 0 | TDCT | B Deploy CTD #1 3654M | ODF | 63-00.00S | 149-59.92W | g | | ZHNG02RR |
| 2023 | 060205 | 0 | TDCT | E CTD on deck | ODF | 63-00.00S | 149-59.98W | g | | ZHNG02RR |
| 0014 | 070205 | 0 | TDCT | B CTD #3 deployed | ODF | 63-29.94S | 149-59.82W | g | | ZHNG02RR |
| 0245 | 070205 | 0 | TDCT | E CTD #3 on deck | ODF | 63-29.94S | 149-59.84W | g | | ZHNG02RR |
| 0550 | 070205 | 0 | TDCT | B sta #97 CTD #1 3205M | ODF | 64-00.05S | 149-59.92W | g | | ZHNG02RR |
| 0820 | 070205 | 0 | TDCT | E CTD #1 on deck | ODF | 64-00.05S | 149-59.91W | g | | ZHNG02RR |
| 1121 | 070205 | 0 | TDCT | B sta #98 CTD #1 3544M | ODF | 64-29.77S | 149-59.92W | g | | ZHNG02RR |
| 1405 | 070205 | 0 | TDCT | E CTD #1 on deck | ODF | 64-29.77S | 149-59.90W | g | | ZHNG02RR |
| 1813 | 070205 | 0 | TDCT | B station #99 CTD #1 | ODF | 64-59.96S | 150-00.01W | g | | ZHNG02RR |
| 1815 | 070205 | 0 | TDCT | E CTD #1 recovered | ODF | 64-59.96S | 150-00.00W | g | | ZHNG02RR |
| 1817 | 070205 | 0 | TDCT | B CTD #1 redeplo 4100M | ODF | 64-59.96S | 150-00.00W | g | | ZHNG02RR |
| 2119 | 070205 | 0 | TDCT | E CTD #1 on deck | ODF | 64-59.97S | 150-00.02W | g | | ZHNG02RR |
| 0206 | 080205 | 0 | TDCT | B CTD #2 deployed | ODF | 65-29.97S | 149-56.06W | g | | ZHNG02RR |
| 0455 | 080205 | 0 | TDCT | E CTD #2 on deck | ODF | 65-29.97S | 149-56.06W | g | | ZHNG02RR |
| 0832 | 080205 | 0 | TDCT | B station #101 CTD # | ODF | 65-59.99S | 150-00.02W | g | | ZHNG02RR |
| 1139 | 080205 | 0 | TDCT | E CTD on deck | ODF | 65-59.99S | 150-00.02W | g | | ZHNG02RR |
| 1500 | 080205 | 0 | TDCT | B station #102 CTD #1 | ODF | 66-30.02S | 150-06.09W | g | | ZHNG02RR |
| 1815 | 080205 | 0 | TDCT | E CTD #1 on deck | ODF | 66-29.99S | 150-06.16W | g | | ZHNG02RR |
| 2218 | 080205 | 0 | TDCT | B station #103 CTD #1 | ODF | 67-00.04S | 149-54.49W | g | | ZHNG02RR |
| 0136 | 090205 | 0 | TDCT | E CTD on deck | ODF | 67-00.04S | 149-54.49W | g | | ZHNG02RR |
| 0530 | 090205 | 0 | TDCT | B CTD #2 deploy 4393M | ODF | 67-30.04S | 149-59.88W | g | | ZHNG02RR |
| 0841 | 090205 | 0 | TDCT | E CTD #2 on deck | ODF | 67-30.04S | 150-00.01W | g | | ZHNG02RR |
| 1132 | 090205 | 0 | TDCT | B station #105 CTD | ODF | 67-59.92S | 150.00.00W | g | | ZHNG02RR |
| 1430 | 090205 | 0 | TDCT | E CTD #1 on deck | ODF | 67-59.92S | 150.00.00W | g | | ZHNG02RR |
| 1715 | 090205 | 0 | TDCT | B sta#106 CTD #1 4358M | ODF | 68-30.00S | 150-00.01W | g | | ZHNG02RR |
| 2024 | 090205 | 0 | TDCT | E CTD #1 on deck | ODF | 68-30.05S | 150-00.06W | g | | ZHNG02RR |
| 0018 | 100205 | 0 | TDCT | B sta #107 CTD#1 4363M | ODF | 69-00.05S | 149-59.62W | g | | ZHNG02RR |
| 0330 | 100205 | 0 | TDCT | E CTD #1 on deck | ODF | 69-00.06S | 149-59.69W | g | | ZHNG02RR |
| 0832 | 100205 | 0 | TDCT | B CTD #2 deploye 4360M | ODF | 69-30.00S | 150-00.04W | g | | ZHNG02RR |
| 1137 | 100205 | 0 | TDCT | E CTD #2 on deck | ODF | 69-30.00S | 150-00.04W | g | | ZHNG02RR |

#*** Hydrocasts ***

| | | | | | | | | | | |
|------|--------|---|------|------------------------|-----|-----------|------------|---|--|----------|
| 2035 | 100105 | 0 | HCXX | B radiometer #2 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2047 | 100105 | 0 | HCXX | E radiometer #2 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2134 | 110105 | 0 | HCXX | B radiometer #2 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2142 | 110105 | 0 | HCXX | E radiometer #2 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2035 | 120105 | 0 | HCXX | B radiometer #1 STA 10 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2048 | 120105 | 0 | HCXX | E radiometer #1 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2217 | 130105 | 0 | HCXX | B radiometer #1 STA 13 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2233 | 130105 | 0 | HCXX | E radiometer #1 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2227 | 140105 | 0 | HCXX | B radiometer #3 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2235 | 140105 | 0 | HCXX | E radiometer #3 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2121 | 150105 | 0 | HCXX | B radiometer #2 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2132 | 150105 | 0 | HCXX | E radiometer #2 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2310 | 160105 | 0 | HCXX | B radiometer #1 STA 25 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2317 | 160105 | 0 | HCXX | E radiometer #1 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2147 | 170105 | 0 | HCXX | B radiometer #2 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2203 | 170105 | 0 | HCXX | E radiometer #2 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2115 | 180105 | 0 | HCXX | B radiometer #1 STA 32 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2120 | 180105 | 0 | HCXX | X radiometer #1 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2140 | 190105 | 0 | HCXX | B radiometer #2 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2152 | 190105 | 0 | HCXX | E radiometer #2 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2156 | 200105 | 0 | HCXX | B radiometer #1 STA 39 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2210 | 200105 | 0 | HCXX | E radiometer #1 | ODF | 34-59.96S | 150-00.02W | g | | ZHNG02RR |
| 2310 | 210105 | 0 | HCXX | B radiometer #2 | ODF | 36-29.95S | 149-59.97W | g | | ZHNG02RR |
| 2331 | 210105 | 0 | HCXX | E radiometer #2 | ODF | 36-31.13S | 149-59.98W | g | | ZHNG02RR |

| | | | | | | | | | | |
|------|--------|---|------|---|---------------|-----|-----------|------------|---|----------|
| 2135 | 220105 | 0 | HCXX | B | radiometer #3 | ODF | 38-00.04S | 149-59.85W | g | ZHNG02RR |
| 2147 | 220105 | 0 | HCXX | E | radiometer #3 | ODF | 38-00.11S | 149-59.65W | g | ZHNG02RR |
| 2220 | 230105 | 0 | HCXX | B | radiometer #2 | ODF | 39-59.98S | 150-00.02W | g | ZHNG02RR |
| 2228 | 230105 | 0 | HCXX | E | radiometer #2 | ODF | 39-59.96S | 150-00.03W | g | ZHNG02RR |
| 2306 | 240105 | 0 | HCXX | B | radiometer #2 | ODF | 41-30.12S | 149-59.83W | g | ZHNG02RR |
| 2318 | 240105 | 0 | HCXX | E | radiometer #2 | ODF | 41-30.08S | 149-59.57W | g | ZHNG02RR |
| 2025 | 250105 | 0 | HCXX | B | radiometer #3 | ODF | 43-00.03S | 149-59.95W | g | ZHNG02RR |
| 2032 | 250105 | 0 | HCXX | E | radiometer #3 | ODF | 43-00.07S | 149-59.87W | g | ZHNG02RR |
| 1317 | 260105 | 0 | HCXX | B | radiometer #2 | ODF | 44-30.01S | 149-59.93W | g | ZHNG02RR |
| 1326 | 260105 | 0 | HCXX | E | radiometer #2 | ODF | 44-30.01S | 149-59.93W | g | ZHNG02RR |
| 2322 | 020205 | 0 | HCXX | B | radiometer #3 | ODF | 55-59.94S | 149-59.79W | g | ZHNG02RR |
| 2330 | 020205 | 0 | HCXX | E | radiometer #3 | ODF | 55-59.90S | 149-59.62W | g | ZHNG02RR |
| 2335 | 030205 | 0 | HCXX | B | radiometer #2 | ODF | 57-59.94S | 149-59.89W | g | ZHNG02RR |
| 2350 | 030205 | 0 | HCXX | E | radiometer #2 | ODF | 57-59.92S | 149-59.68W | g | ZHNG02RR |
| 2318 | 060205 | 0 | HCXX | E | radiometer | ODF | 63-29.94S | 149-59.82W | g | ZHNG02RR |
| 2119 | 090205 | 0 | HCXX | B | radiometer #3 | ODF | 68-30.06S | 150-00.01W | g | ZHNG02RR |
| 2127 | 090205 | 0 | HCXX | E | radiometer #3 | ODF | 68-30.10S | 149-59.93W | g | ZHNG02RR |

*** Expendable Bathythermographs ***

| | | | | | | | | | | |
|------|--------|---|------|-----------|----------|-----|-----------|------------|---|----------|
| 0220 | 100105 | 0 | BTXP | Fast Deep | TF_00001 | GDC | 17-23.14S | 149-38.11W | g | ZHNG02RR |
| 2100 | 100105 | 0 | BTXP | Fast Deep | TF_00002 | GDC | 16-31.17S | 150-00.00W | g | ZHNG02RR |
| 1825 | 120105 | 0 | BTXP | Fast Deep | TF_00003 | GDC | 20-05.45S | 149-59.95W | g | ZHNG02RR |
| 1830 | 110205 | 0 | BTXP | Fast Deep | TF_00031 | GDC | 68-39.25S | 154-13.03W | g | ZHNG02RR |
| 1652 | 130205 | 0 | BTXP | Fast Deep | TF_00032 | GDC | 61-13.40S | 165-10.47W | g | ZHNG02RR |
| 1922 | 140205 | 0 | BTXP | Fast Deep | TF_00033 | GDC | 56-45.28S | 170-45.46W | g | ZHNG02RR |
| 2219 | 150205 | 0 | BTXP | Fast Deep | TF_00034 | GDC | 52-20.81S | 175-41.54W | g | ZHNG02RR |
| 2021 | 160205 | 0 | BTXP | Fast Deep | TF_00035 | GDC | 48-40.80S | 179-26.06W | g | ZHNG02RR |
| 0814 | 180205 | 0 | BTXP | Fast Deep | TF_00036 | GDC | 42-43.34S | 175-39.83E | g | ZHNG02RR |
| 0309 | 200205 | 0 | BTXP | Fast Deep | TF_00100 | GDC | 41-16.12S | 174-48.79E | g | ZHNG02RR |

*** End Sample Index ZHNG02RR