Report and Index of

Underway Marine Geophysical Data

Drift Expedition

Leg 8

(DRFT08RR)

R/V Revelle

(Issued July 2002)

Ports:
Lyttleton, New Zealand (6 January 2002)
to
Lyttleton, New Zealand (13 February 2002)

Chief Scientist: Ken Johnson
Monterey Bay Aquarium Research Institute
johnson@mbari.edu

Resident Tech – Tammy Baiz
Computer Tech – Dan Jacobson

Post–Cruise processing and report preparation by the
Shipboard Technical Support Group,
Scripps Institution of Oceanography
La Jolla, CA 92093–0223

STS Cruise ID# 297

Report and Index of Navigation
and Underway Geophysical Data

Processed by the Shipboard Technical Support Group
Scripps Institution of Oceanography

Contents:

Index Chart – gives track of cruise leg, dates, ports, and mileage of each type of data collected.

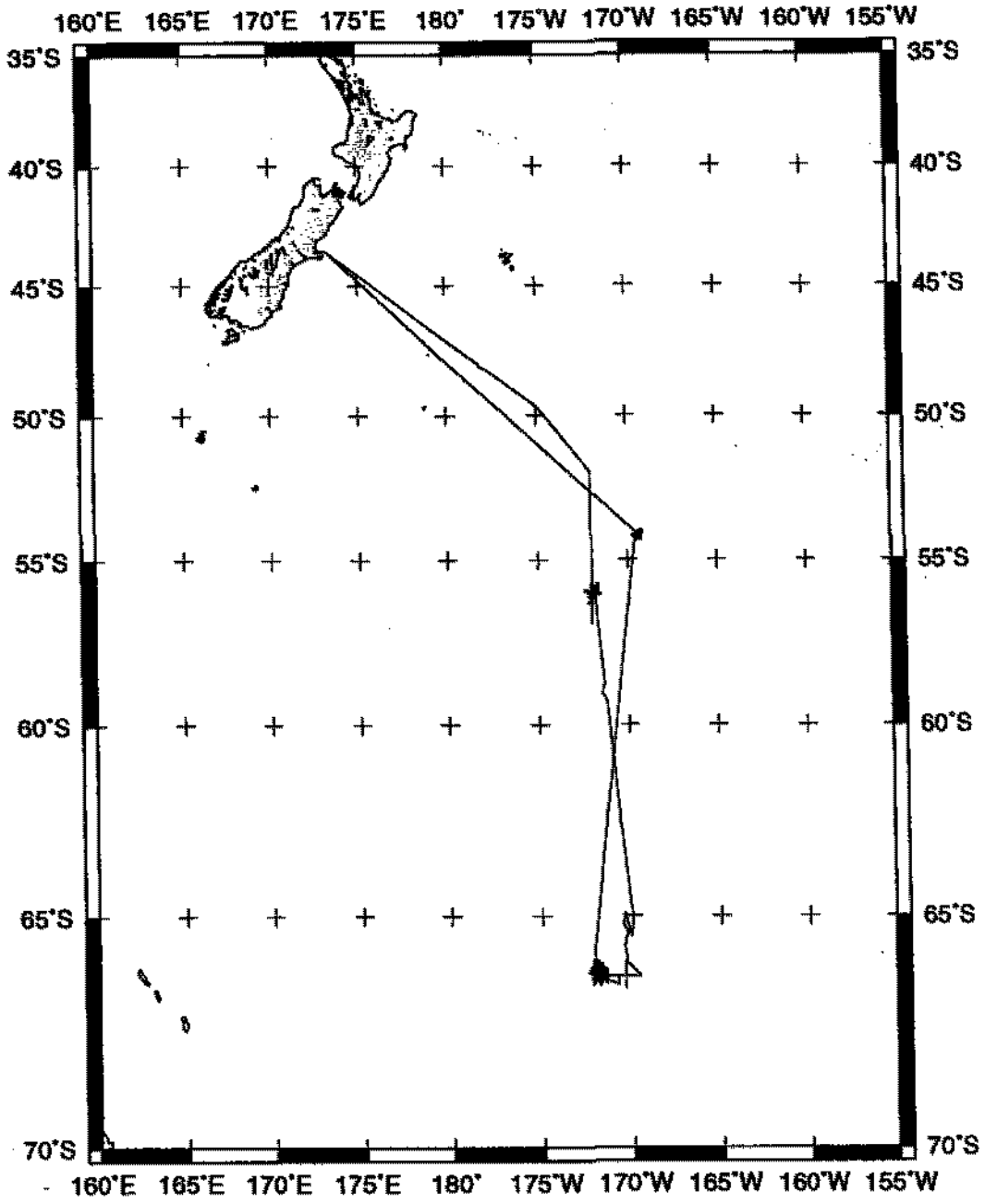
Track Charts– annotated with dates and hour ticks

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

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

NOTE:
For information on the availability of this current digital data as well as archived digital data contact Stephen P. Miller, Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093–0220 Phone: (858)534–1898, internet email: spmiller@ucsd.edu; or his Website: http://SIOExplorer@ucsd.edu

Rev 6/2001



Drift EXPEDITION LEG 8 (DRFT08RR)

CHIEF SCIENTIST: Ken Johnson, Monterey Bay Aquarium Res. Inst.

PORTS: Lyttleton - Lyttleton, New Zealand

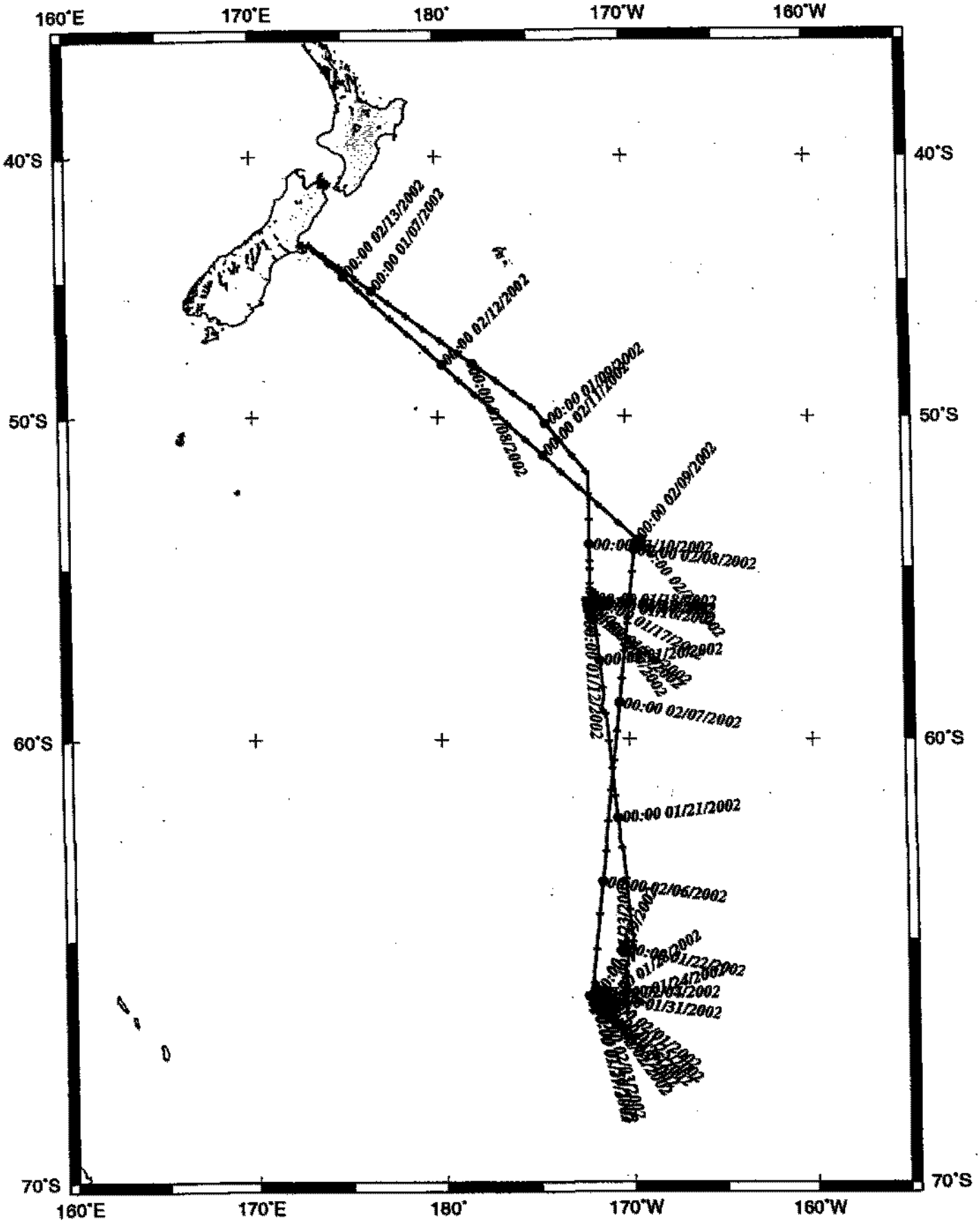
DATES: 6 January - 13 February 2002

SHIP: R/V Revelle

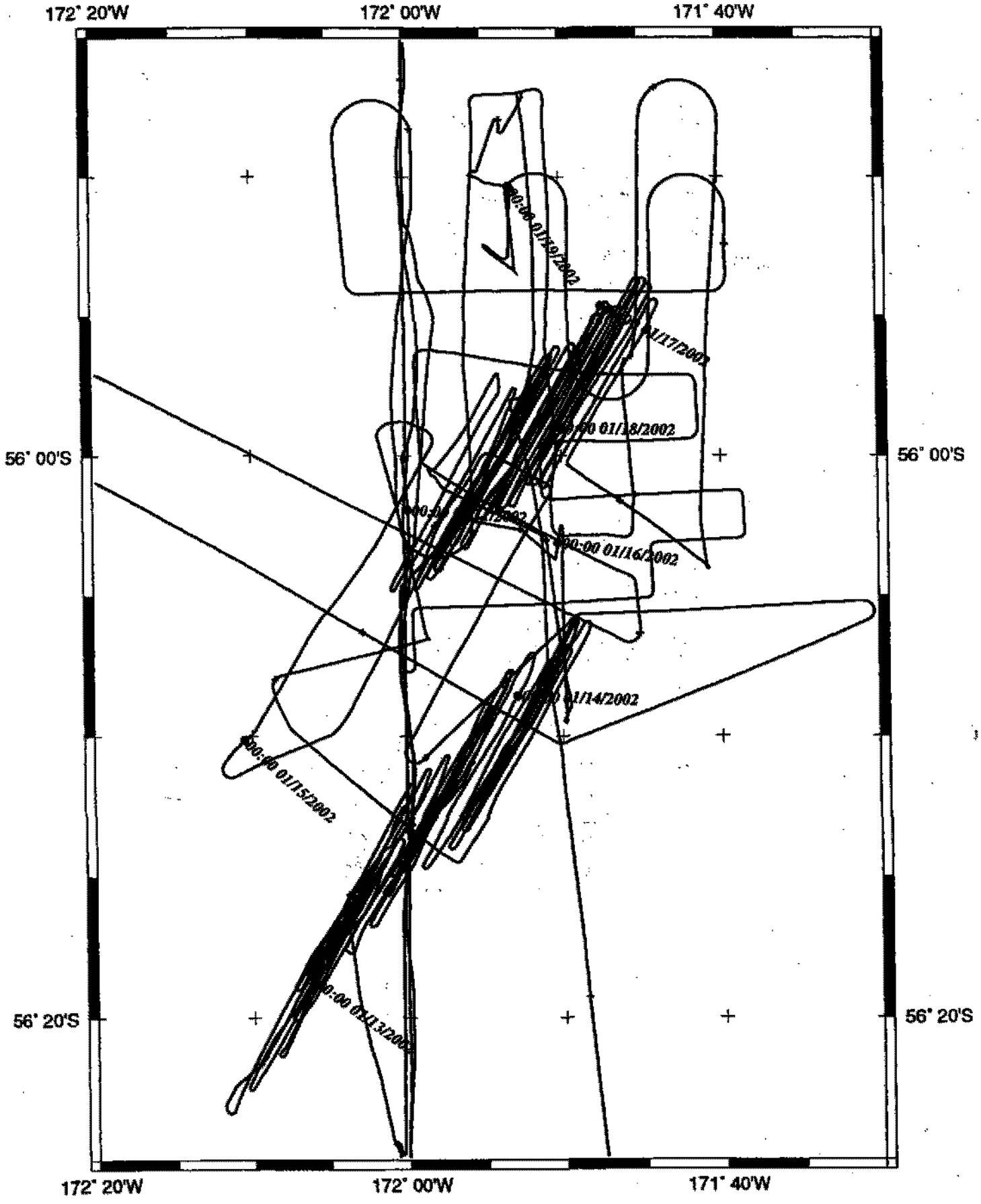
TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-6897 miles	**Magnetics-none collected**
Bathymetry-5187 miles	**Seismic Reflection-none collected**
Multibeam-5187 miles	**Gravity-6666 miles**

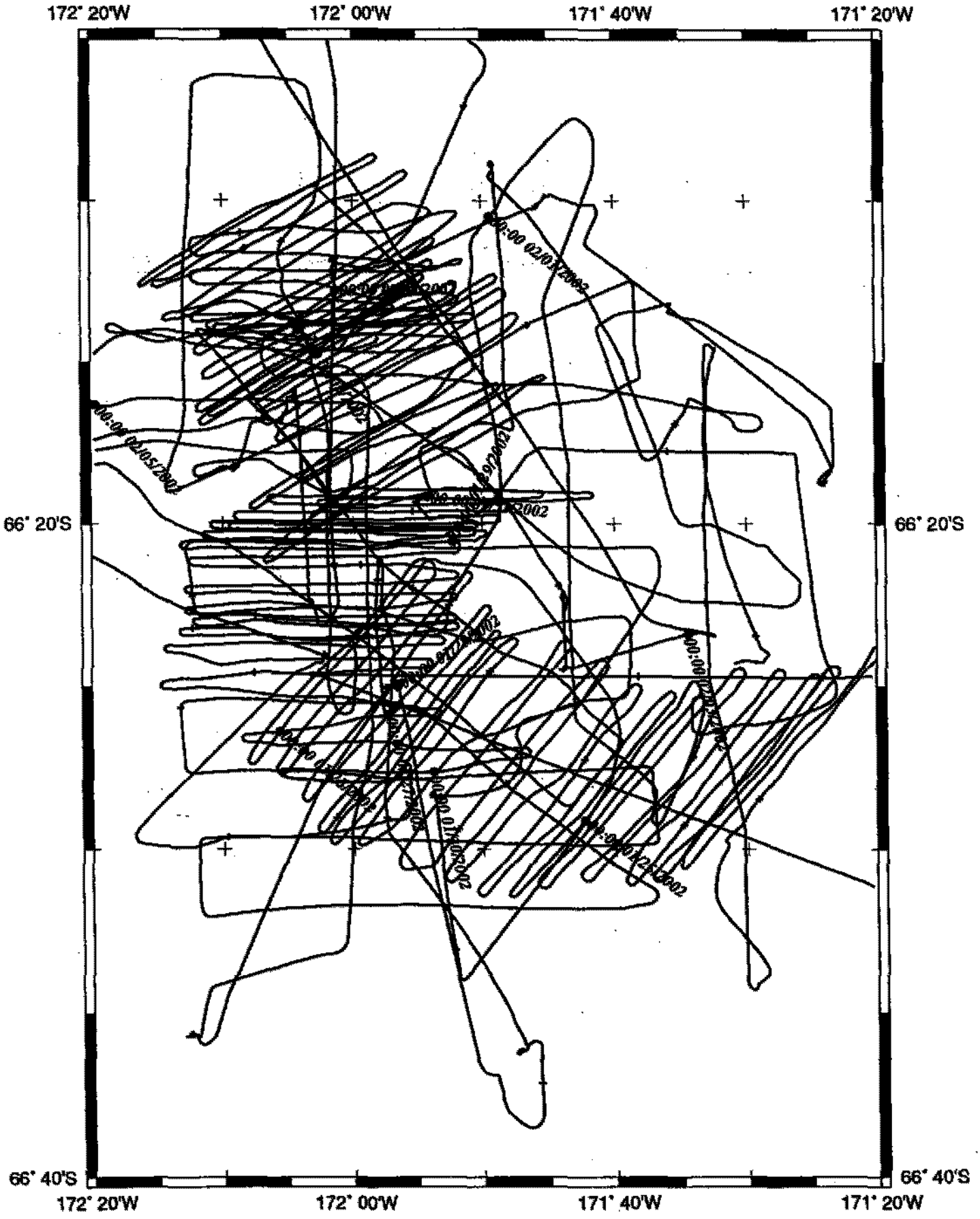
DRFT08RR

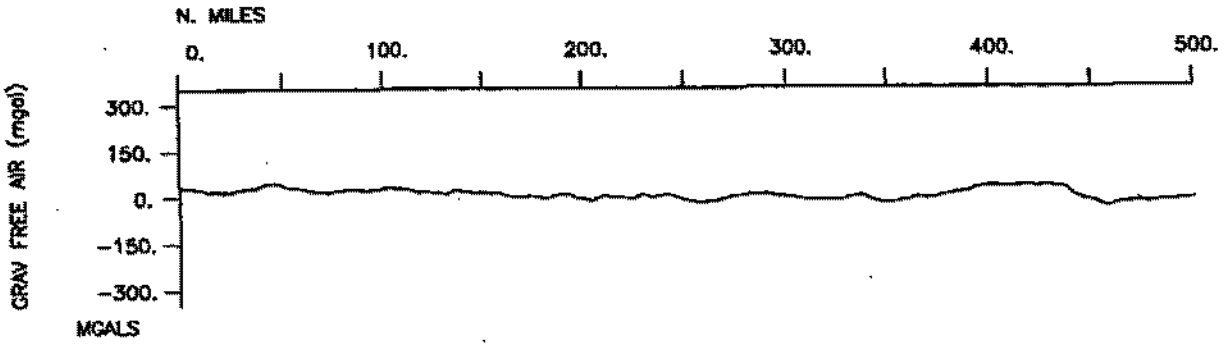

160°E
170°E
180°
170°W
160°W
40°S
50°S
60°S
70°S
00:00 02/13/2002
00:00 01/07/2002
00:00 02/12/2002
00:00 02/09/2002
00:00 02/08/2002
00:00 02/07/2002
00:00 01/21/2002
00:00 02/06/2002
01/31/2002

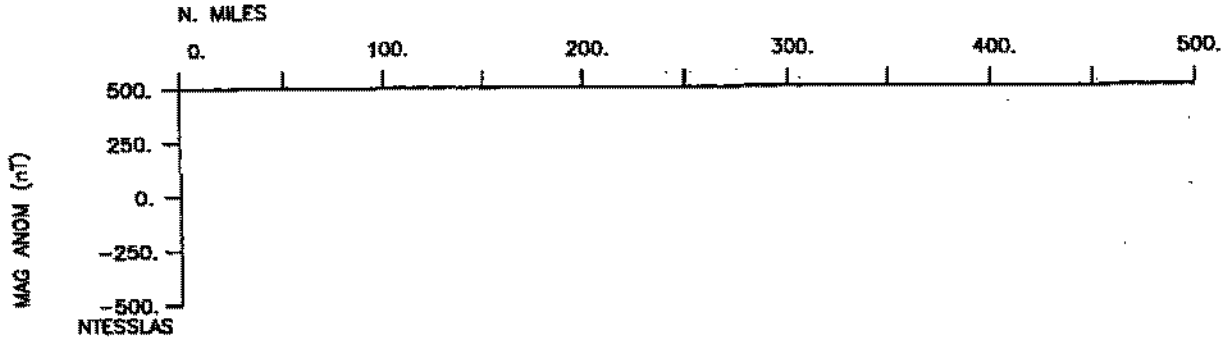
DRFT08RR

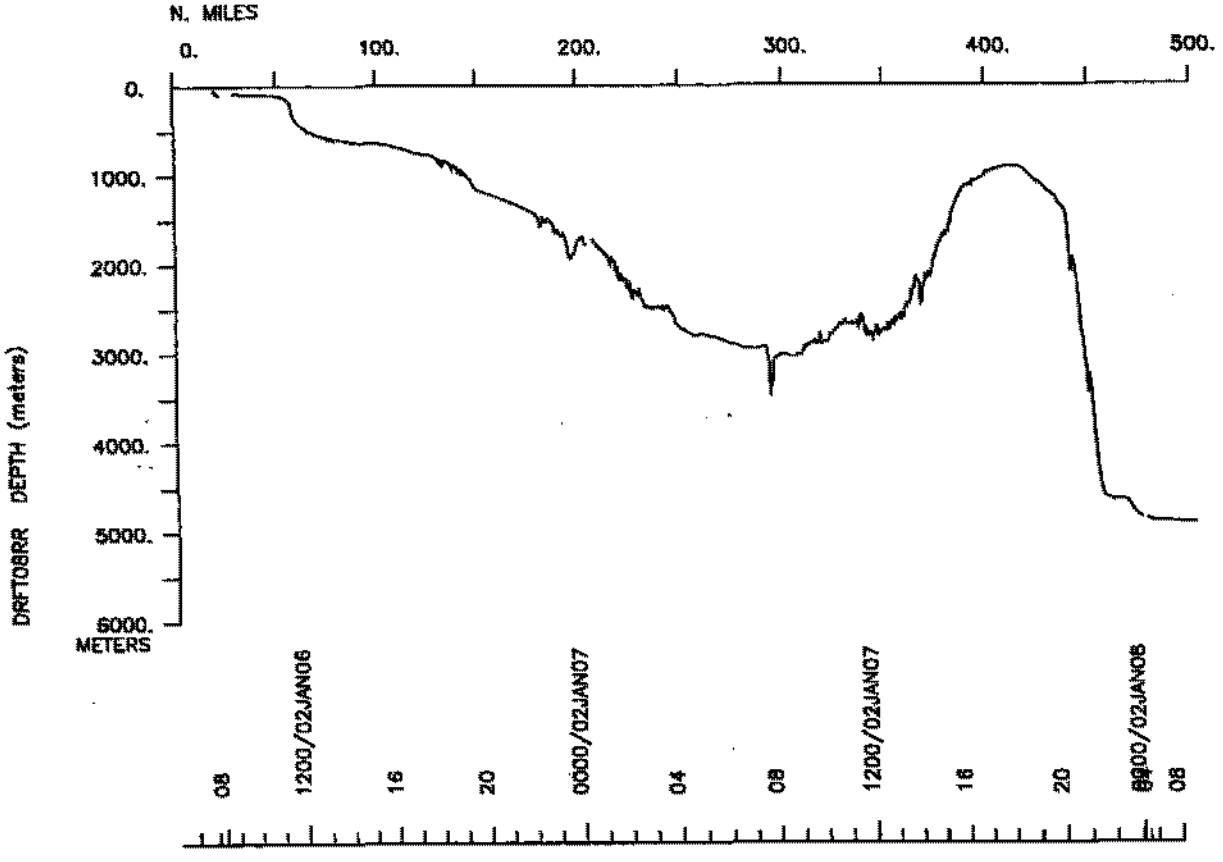

172° 20'W
172° 00'W
171° 40'W
56° 00'S
56° 20'S
00:00 01/18/2002
00:00 01/16/2002
00:00 01/15/2002

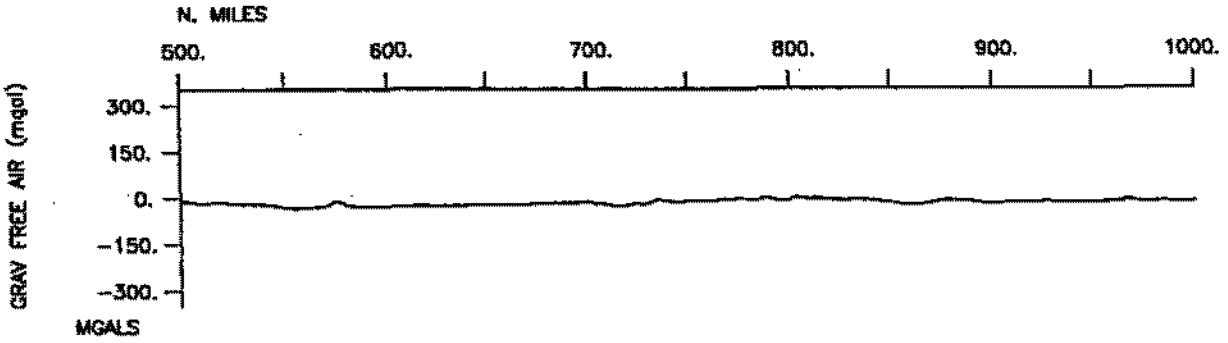
DRFT08RR

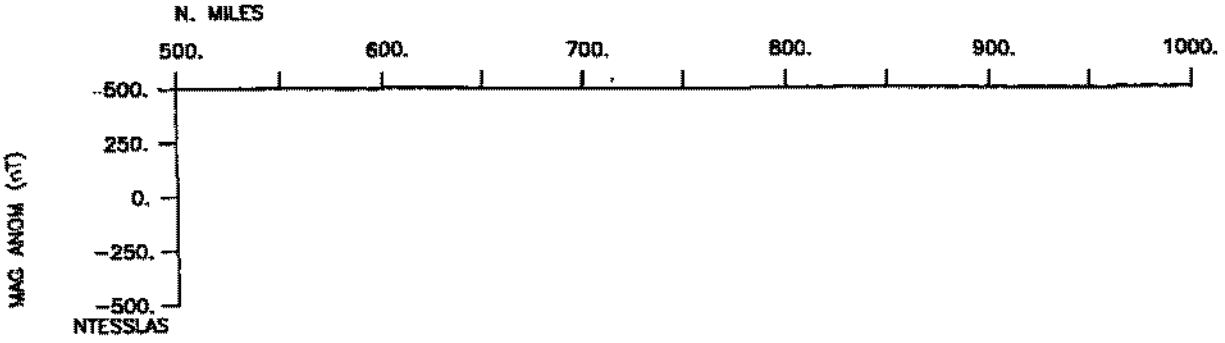


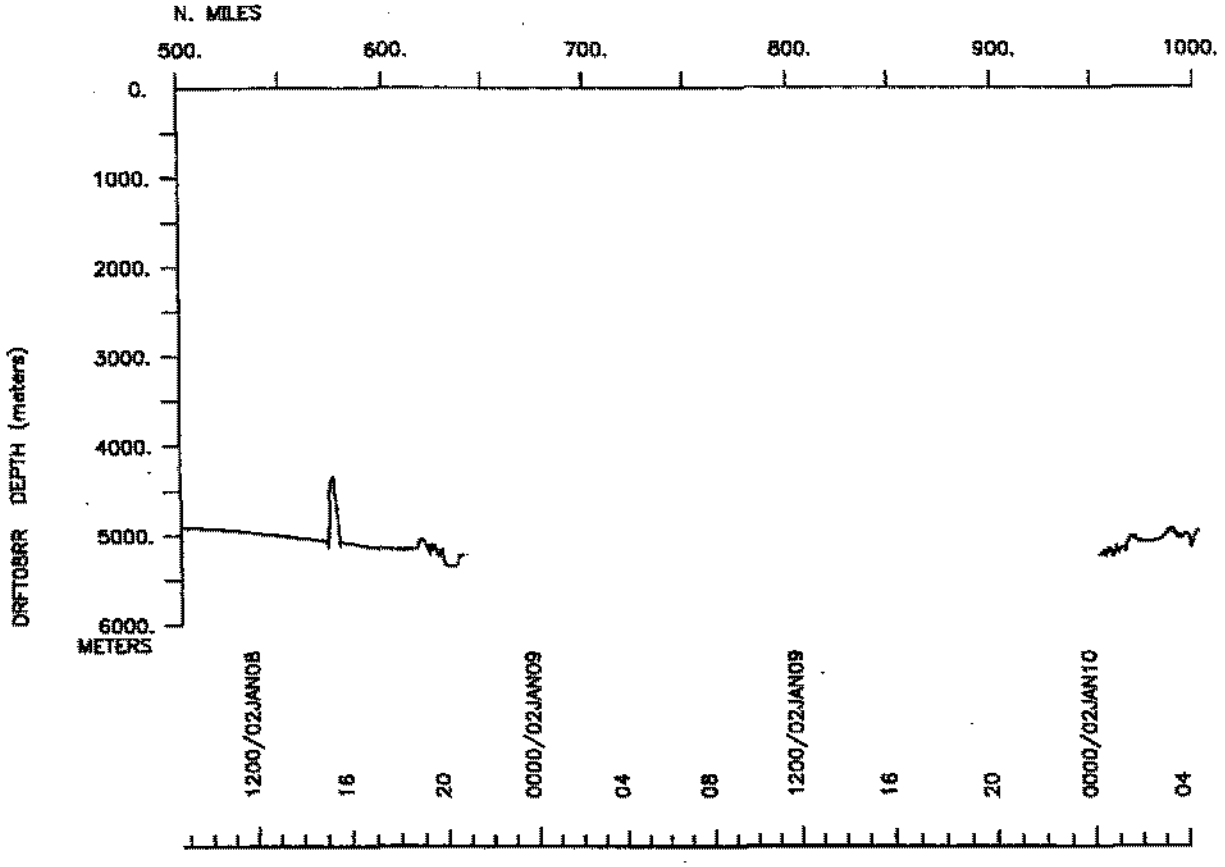

N. MILES
0.
100.
200.
300.
400.
500.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS

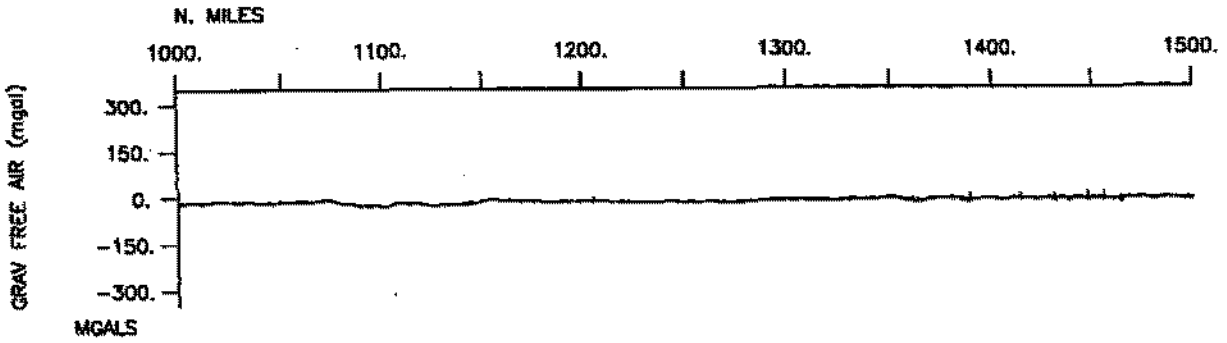

N. MILES
0.
100.
200.
300.
400.
500.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS


N. MILES
0.
100.
200.
300.
400.
500.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
08
1200/02JAN06
16
20
0000/02JAN07
04
08
1200/02JAN07
16
20
0000/02JAN08
08

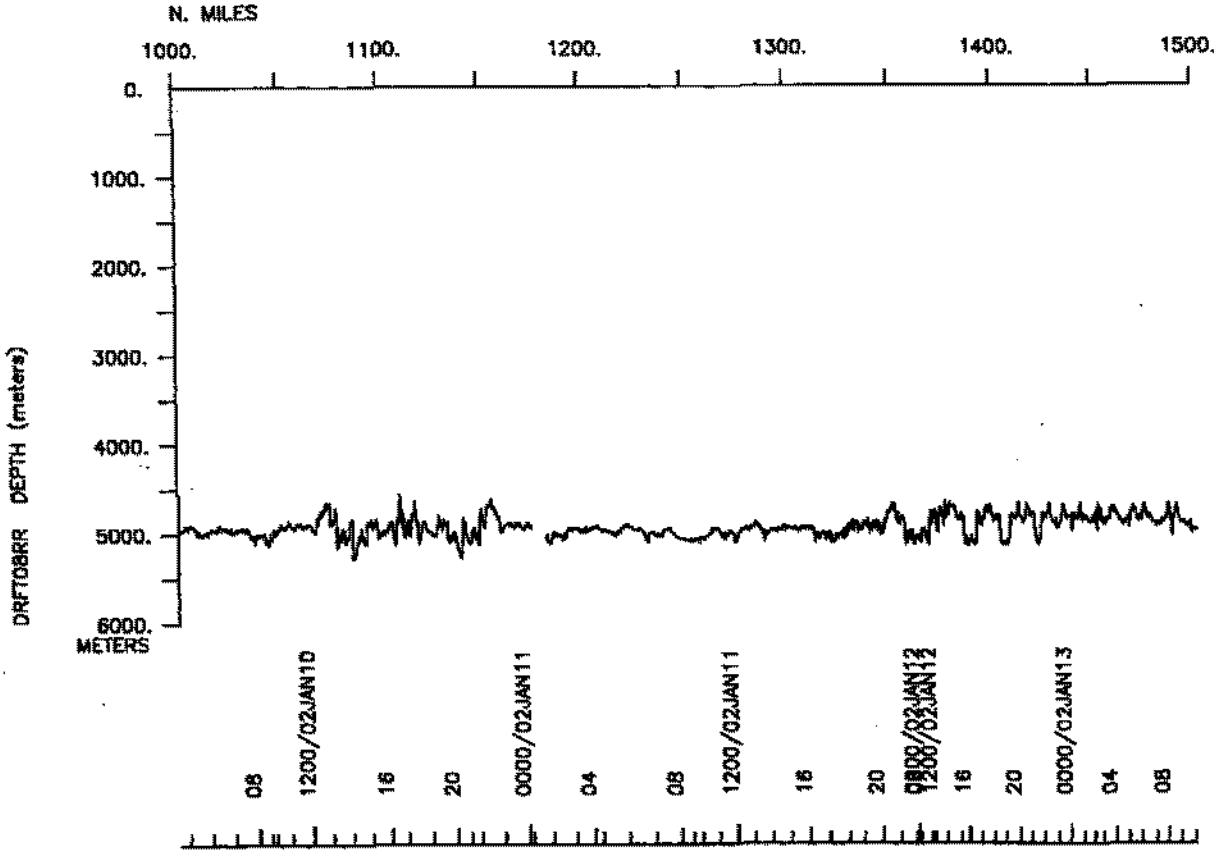

N. MILES
500.
600.
700.
800.
900.
1000.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS

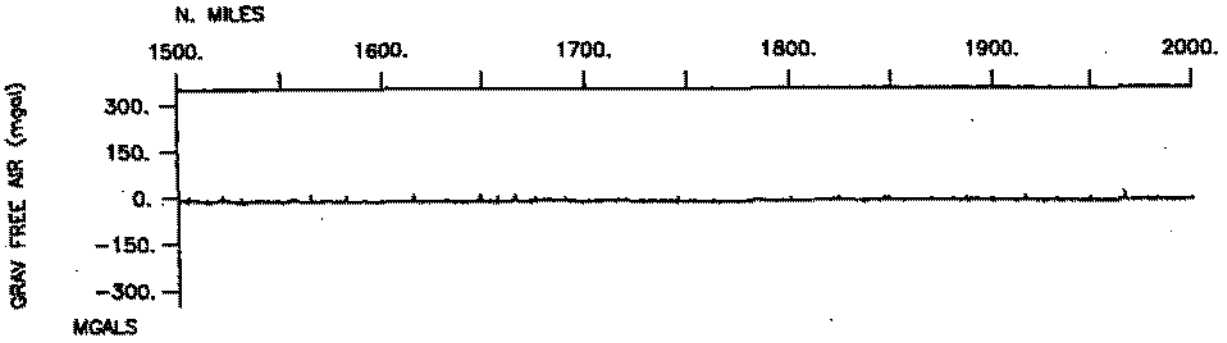

N. MILES
500.
600.
700.
800.
900.
1000.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS

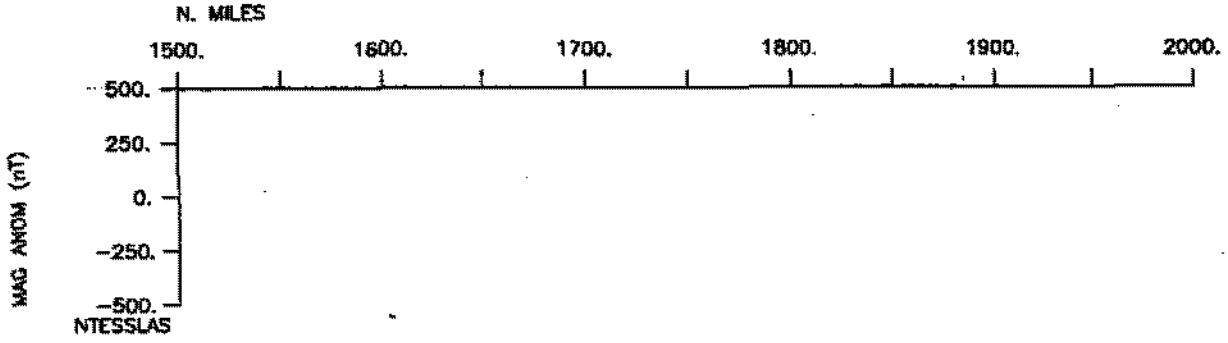

N. MILES
500.
600.
700.
800.
900.
1000.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
1200/02JAN08
16
20
0000/02JAN09
04
08
1200/02JAN09
16
20
0000/02JAN10
04

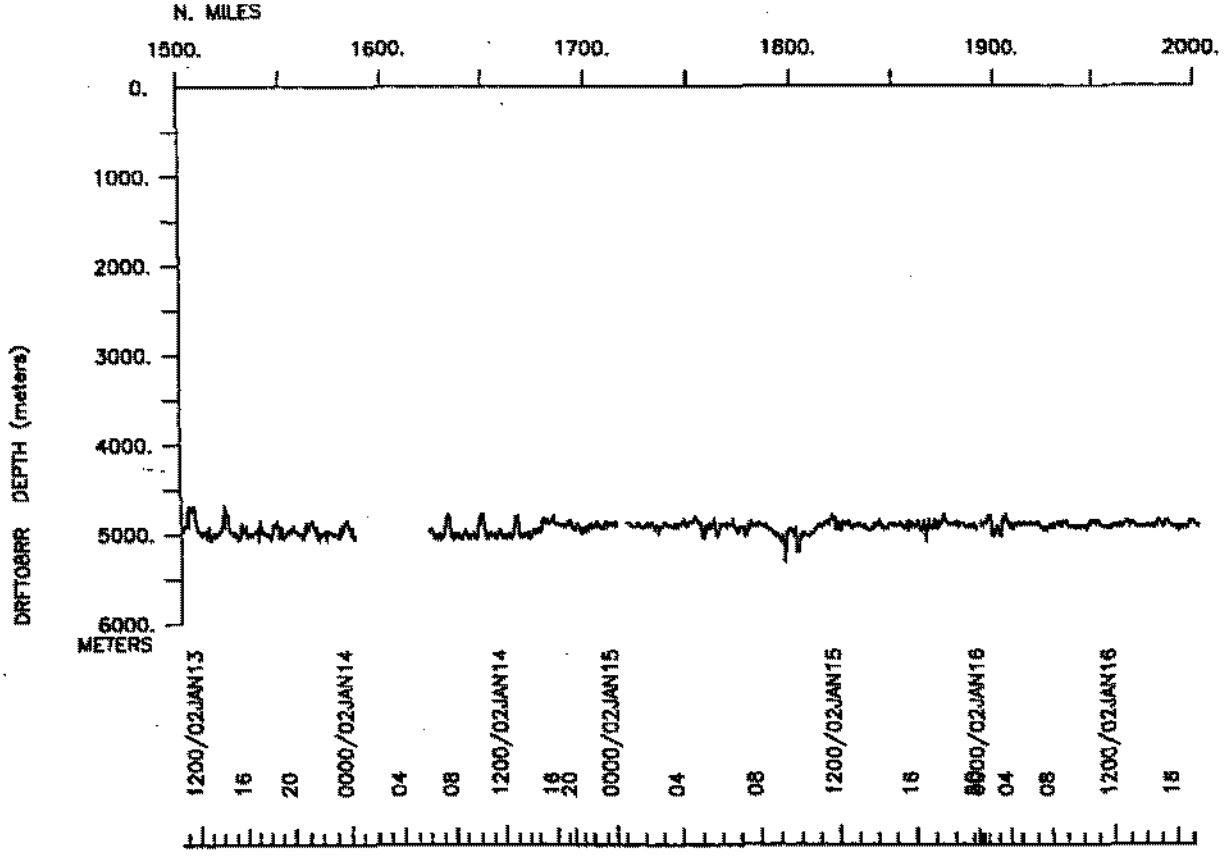

N. MILES
1000.
1100.
1200.
1300.
1400.
1500.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS

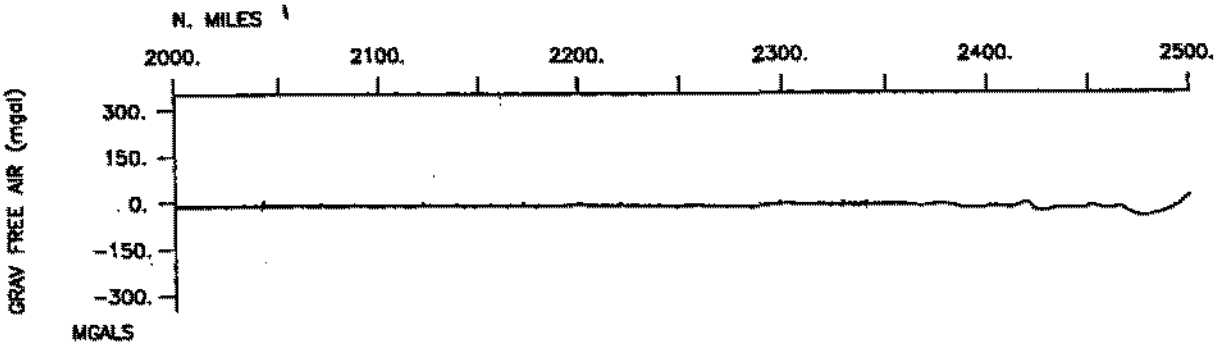

N. MILES
1000.
1100.
1200.
1300.
1400.
1500.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS

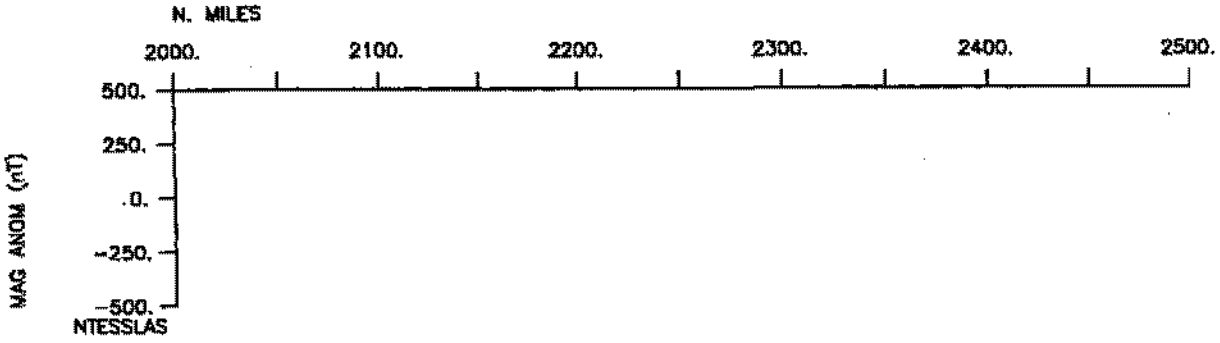

N. MILES
1000.
1100.
1200.
1300.
1400.
1500.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
08
1200/02JAN10
16
20
0000/02JAN11
04
08
1200/02JAN11
16
20
16
20
0000/02JAN13
04
08

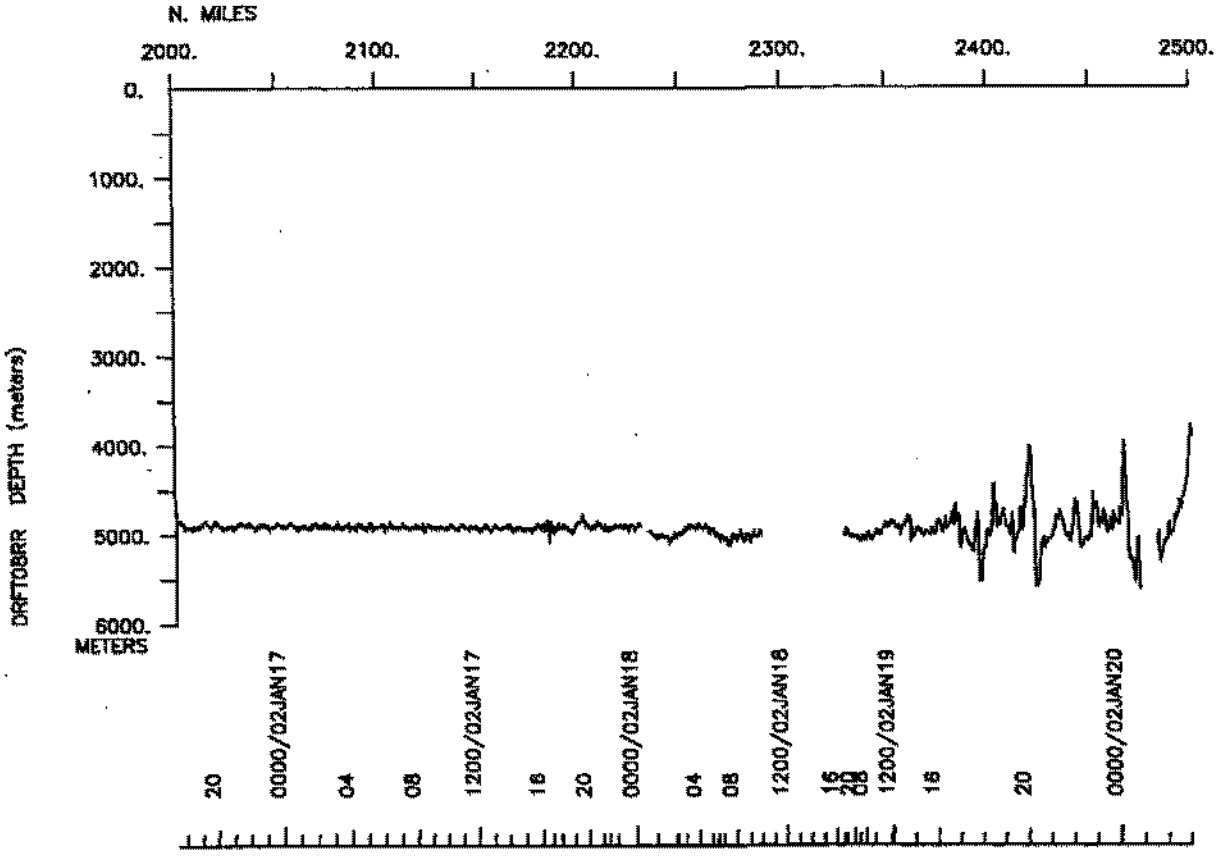

N. MILES
1500.
1600.
1700.
1800.
1900.
2000.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS


N. MILES
1500.
1600.
1700.
1800.
1900.
2000.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS

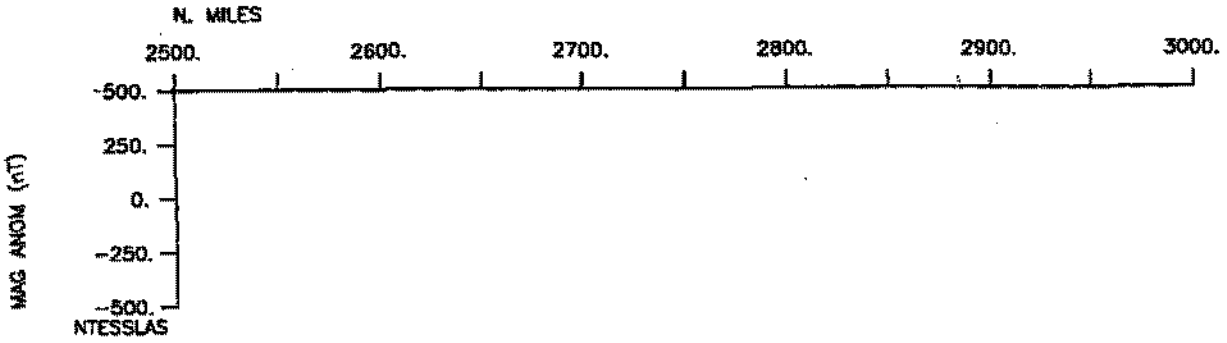

N. MILES
1500.
1600.
1700.
1800.
1900.
2000.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
1200/02JAN13
16
20
0000/02JAN14
04
08
1200/02JAN14
16
20
0000/02JAN15
04
08
1200/02JAN15
16
0000/02JAN16
04
08
1200/02JAN16
16

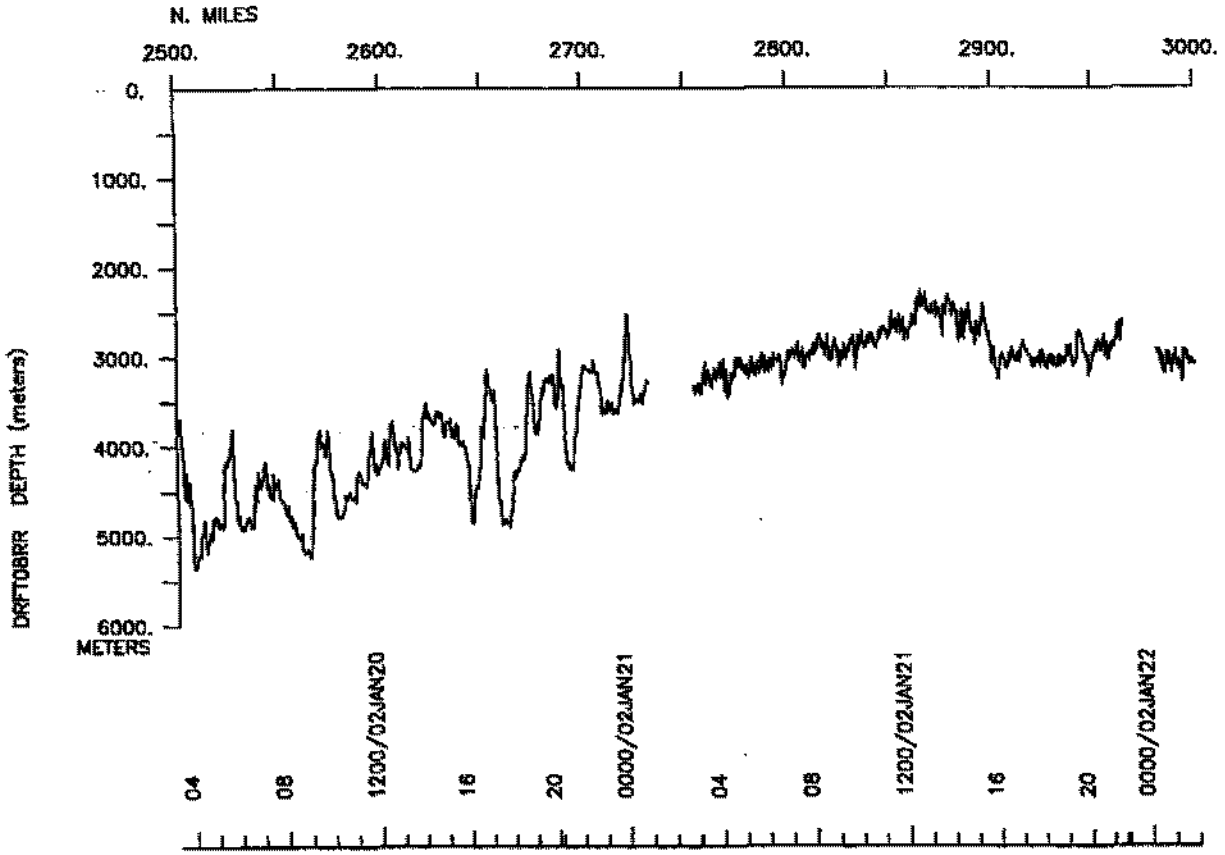

N. MILES
2000.
2100.
2200.
2300.
2400.
2500.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS

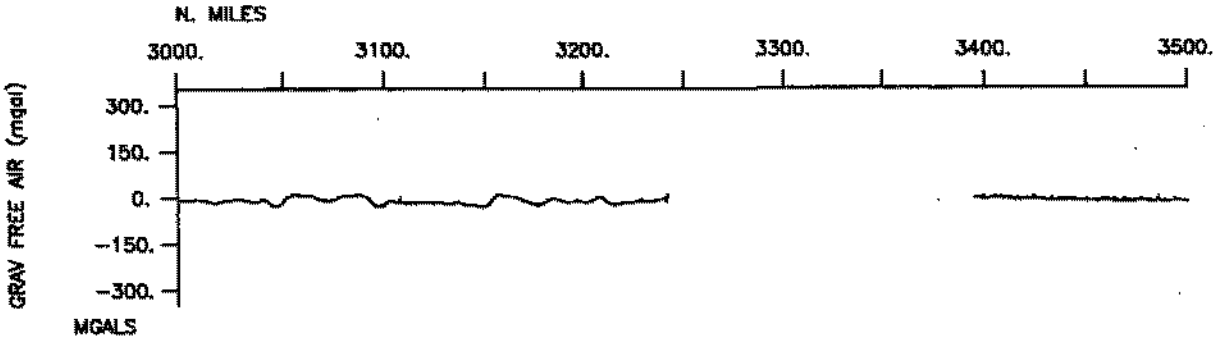

N. MILES
2000.
2100.
2200.
2300.
2400.
2500.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS

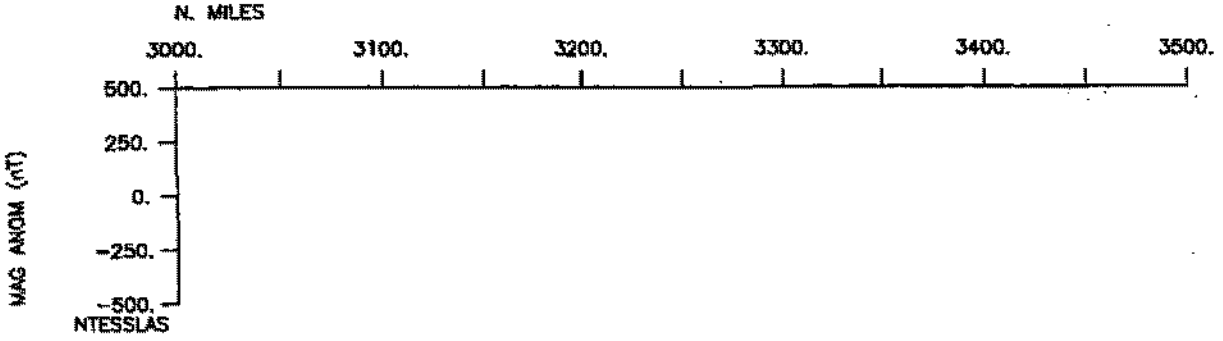

N. MILES
2000.
2100.
2200.
2300.
2400.
2500.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
20
0000/02JAN17
04
08
1200/02JAN17
16
20
0000/02JAN18
04
08
1200/02JAN18
16
20
08
1200/02JAN19
16
20
0000/02JAN20

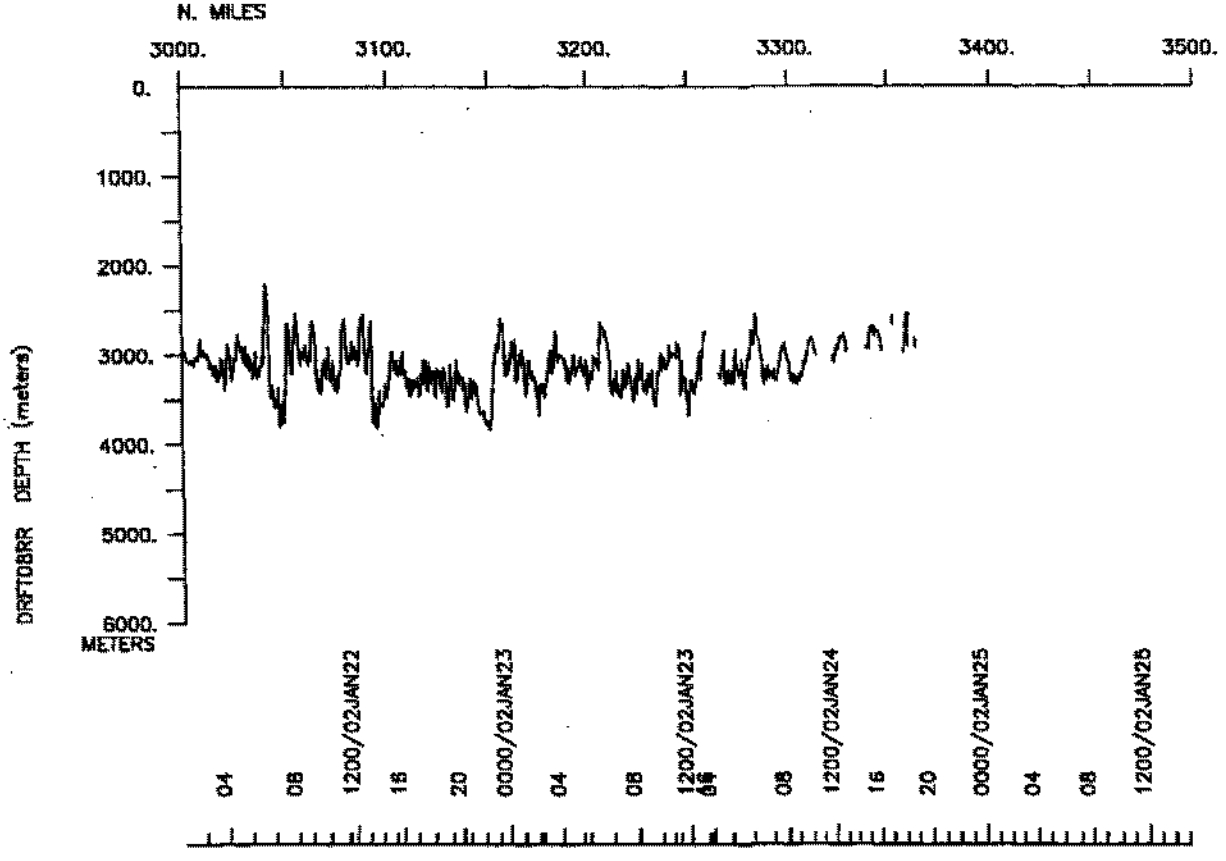

N. MILES
2500.
2600.
2700.
2800.
2900.
3000.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS


N. MILES
2500.
2600.
2700.
2800.
2900.
3000.
MAG ANOM (nT)
-500.
250.
0.
-250.
-500.
NTESSLAS

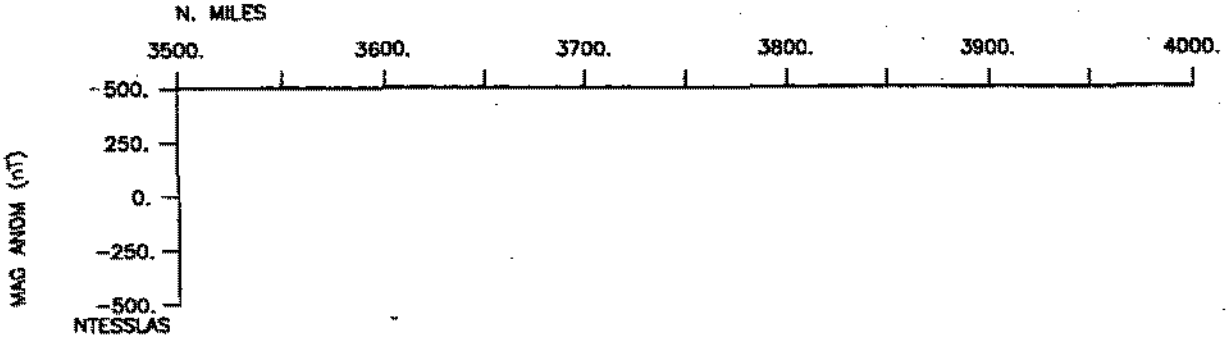

N. MILES
2500.
2600.
2700.
2800.
2900.
3000.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
04
08
1200/02JAN20
16
20
0000/02JAN21
04
08
1200/02JAN21
16
20
0000/02JAN22

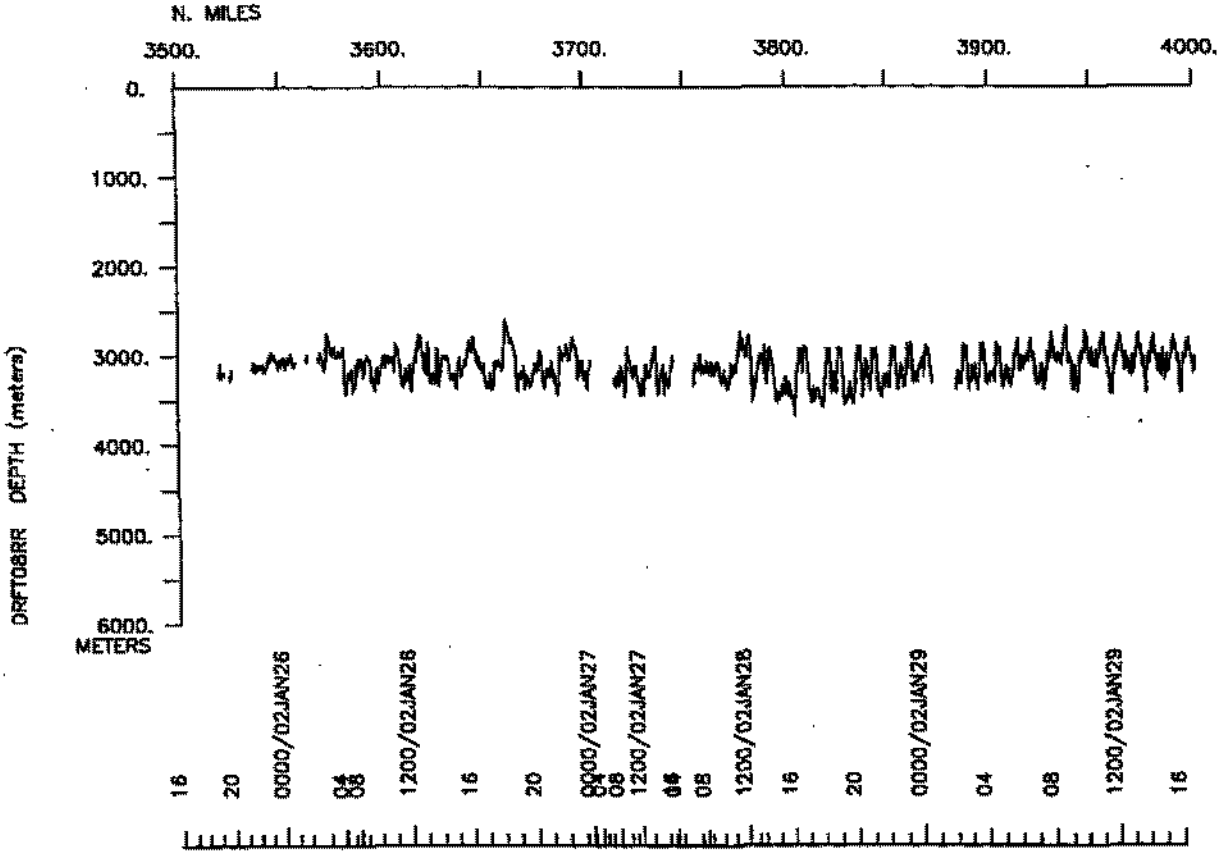

N. MILES
3000.
3100.
3200.
3300.
3400.
3500.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS

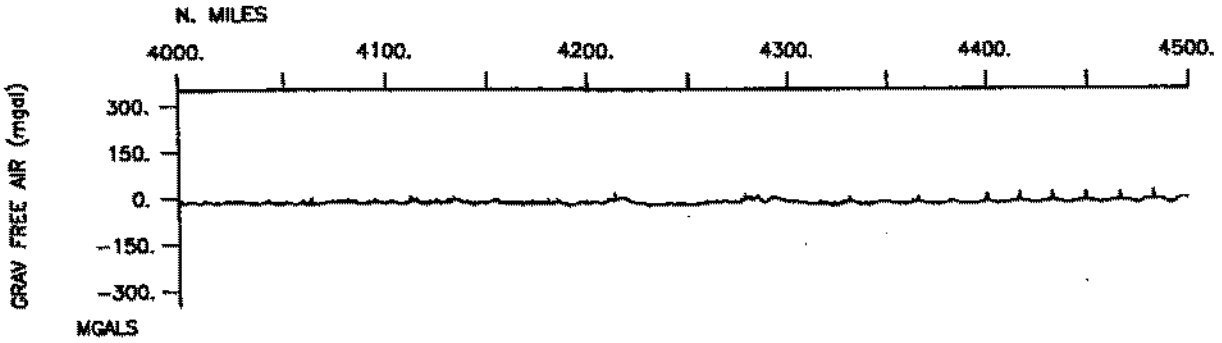

N. MILES
3000.
3100.
3200.
3300.
3400.
3500.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS

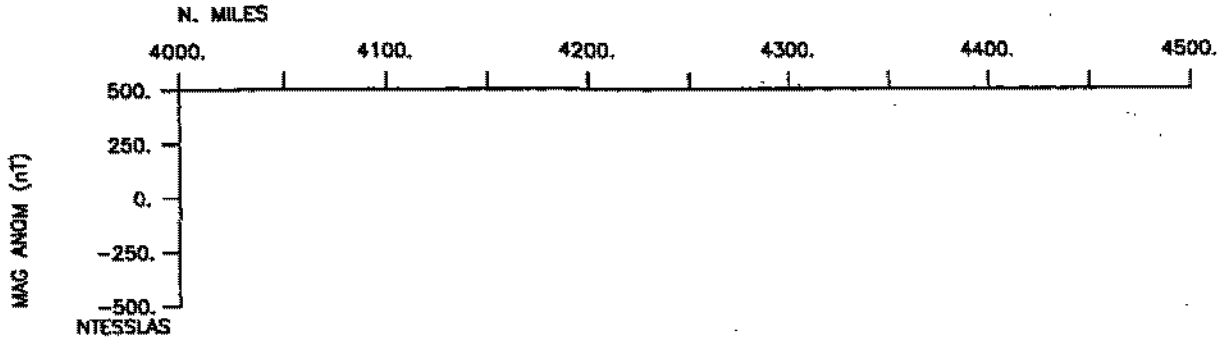

N. MILES
3000.
3100.
3200.
3300.
3400.
3500.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
04
08
1200/02JAN22
16
20
0000/02JAN23
04
08
1200/02JAN23
08
1200/02JAN24
16
20
0000/02JAN25
04
08
1200/02JAN25

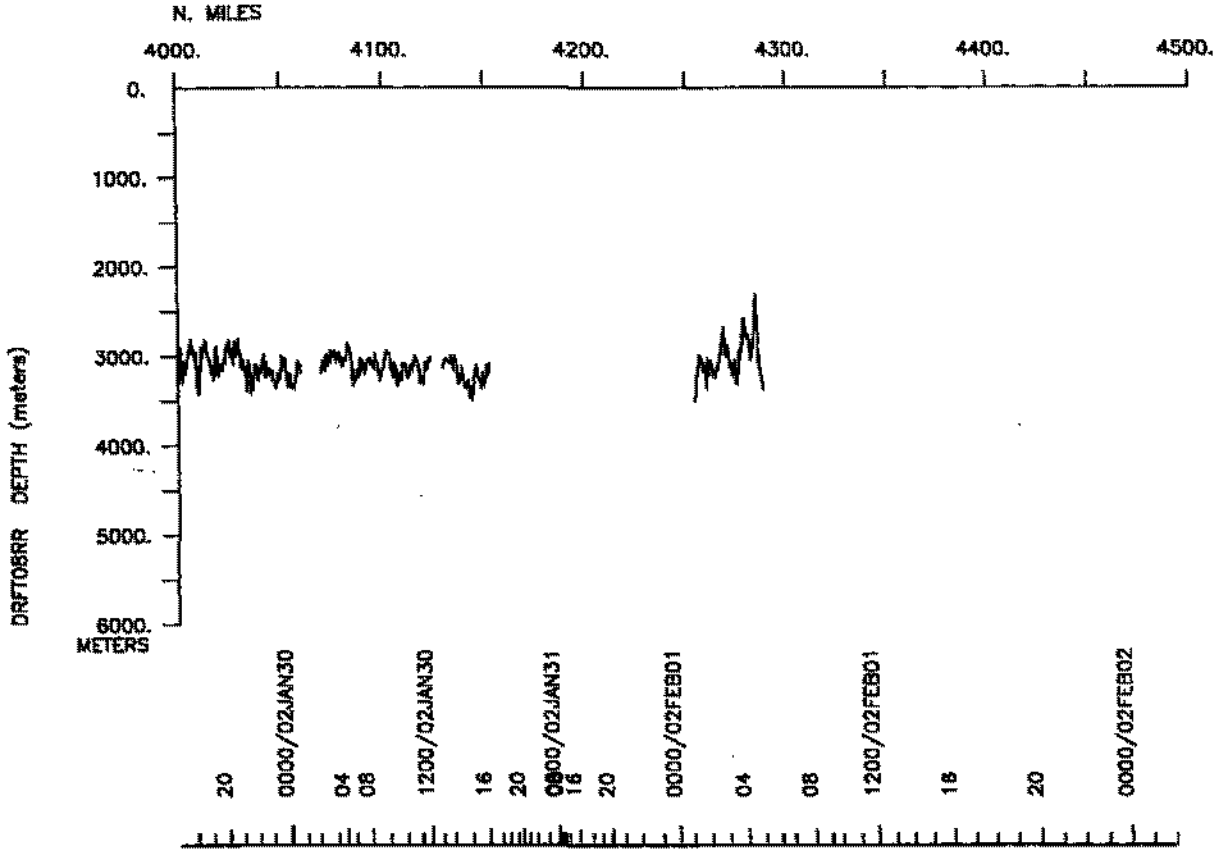

N. MILES
3500.
3600.
3700.
3800.
3900.
4000.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS

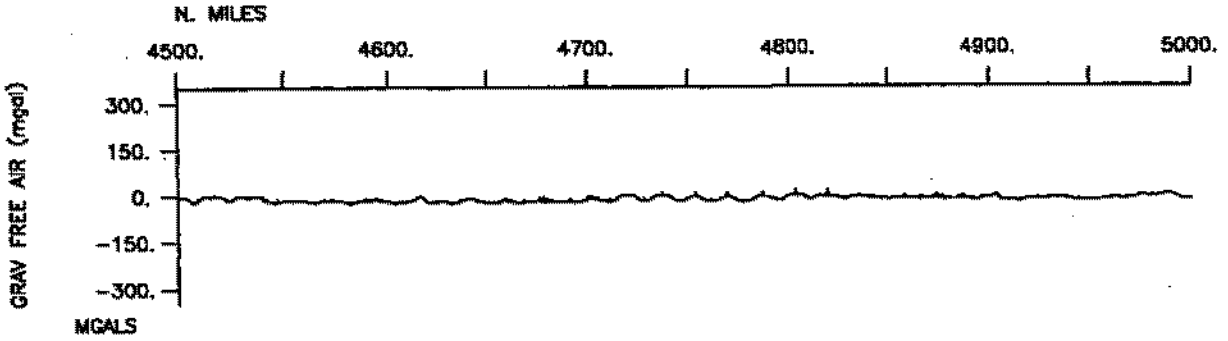

N. MILES
3500.
3600.
3700.
3800.
3900.
4000.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS

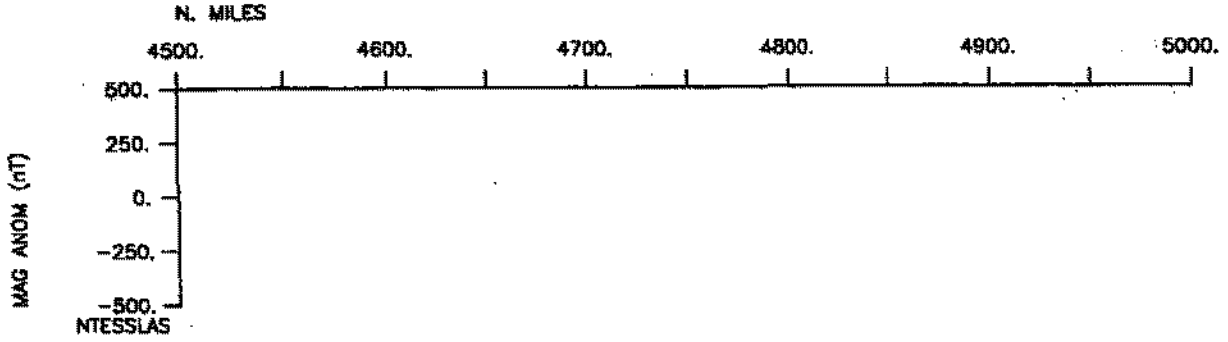

N. MILES
3500.
3600.
3700.
3800.
3900.
4000.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
16
20
0000/02JAN26
04
08
1200/02JAN26
16
20
0000/02JAN27
08
1200/02JAN27
08
1200/02JAN28
16
20
0000/02JAN29
04
08
1200/02JAN29
16

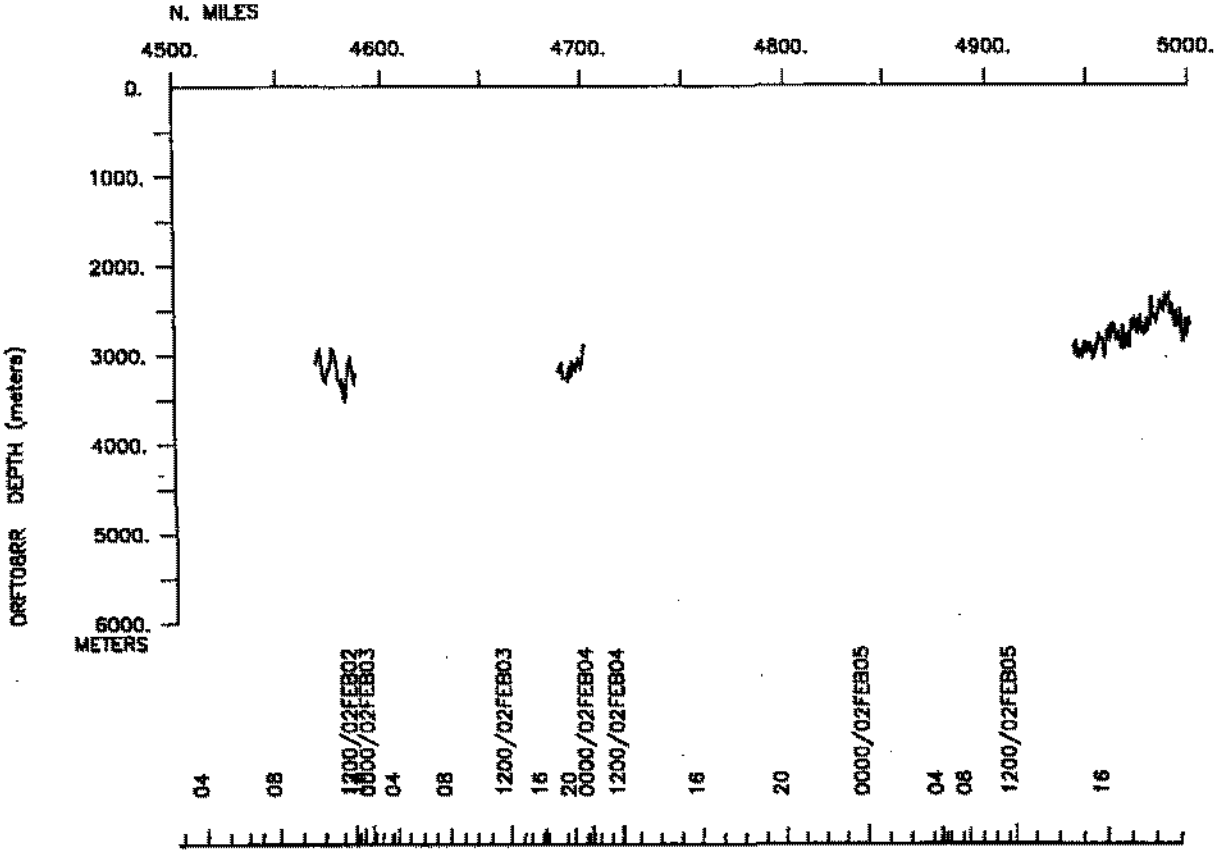

N. MILES
4000.
4100.
4200.
4300.
4400.
4500.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS

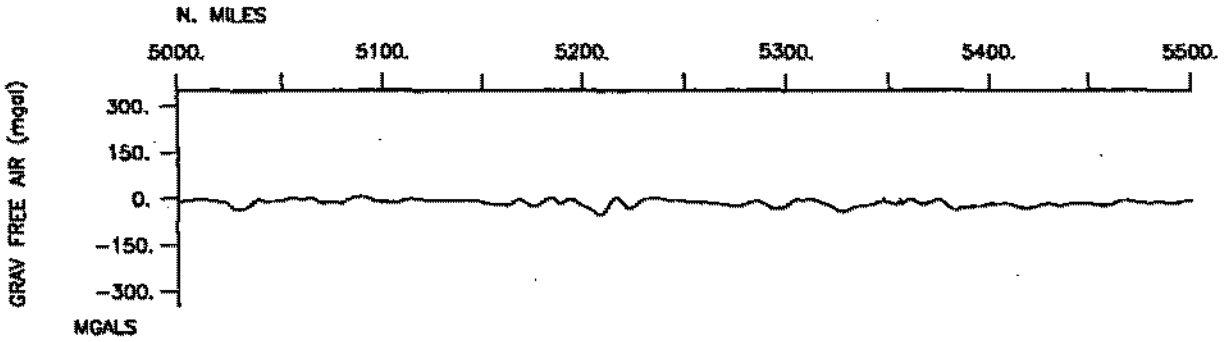

N. MILES
4000.
4100.
4200.
4300.
4400.
4500.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS

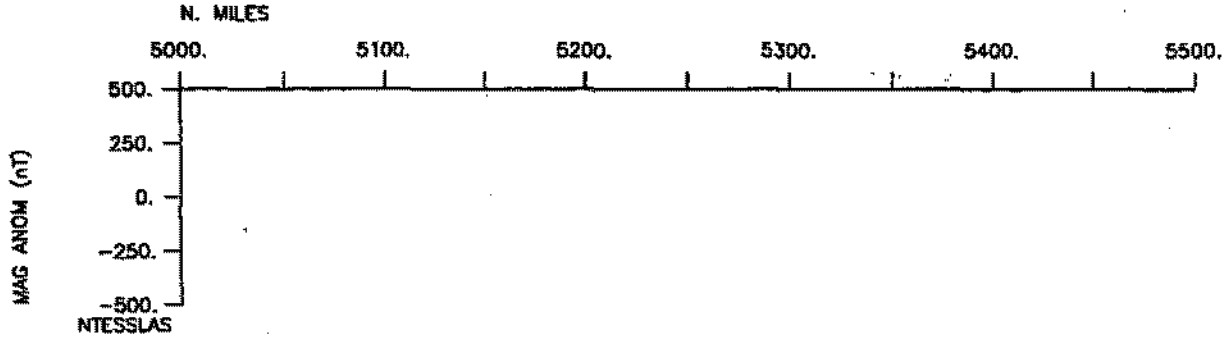

N. MILES
4000.
4100.
4200.
4300.
4400.
4500.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
20
0000/02JAN30
04
08
1200/02JAN30
16
20
0000/02JAN31
16
20
0000/02FEB01
04
08
1200/02FEB01
18
20
0000/02FEB02

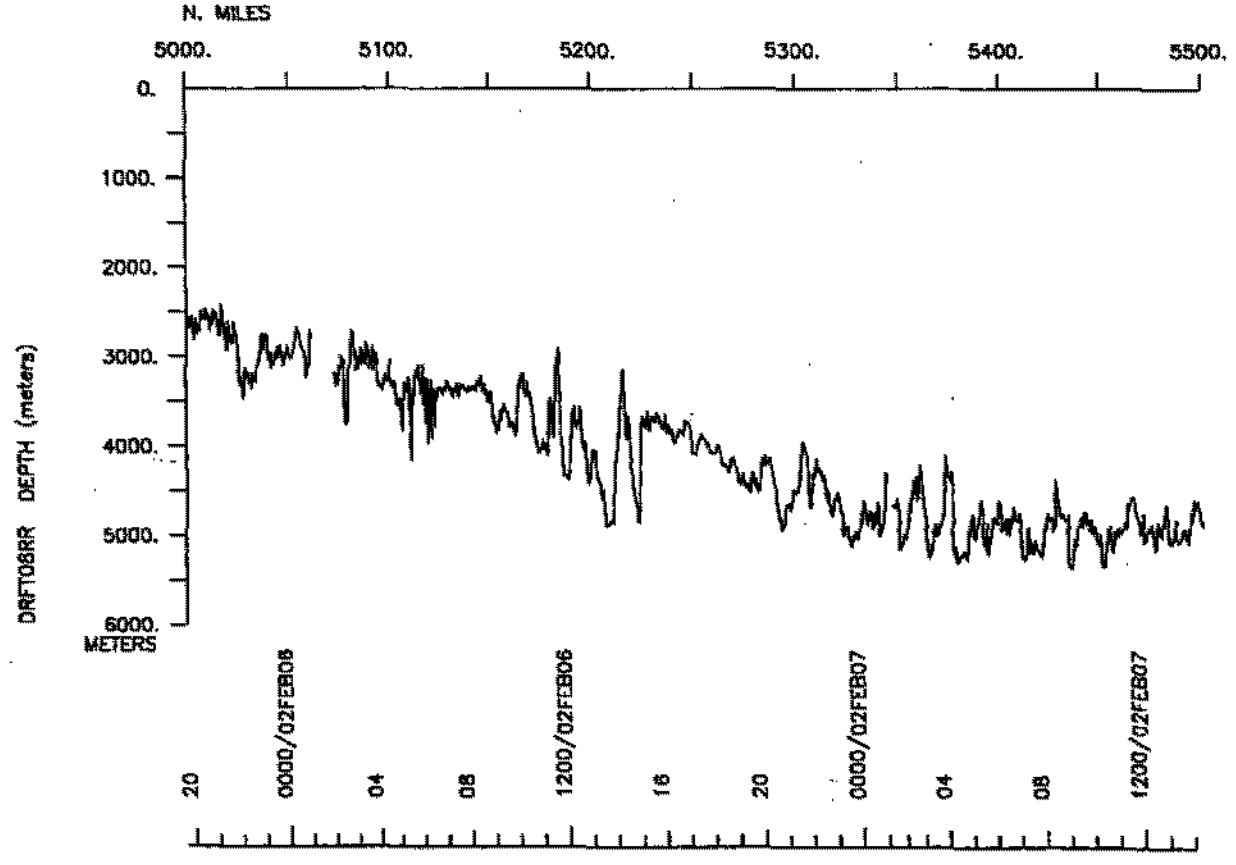

N. MILES
4500.
4600.
4700.
4800.
4900.
5000.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS

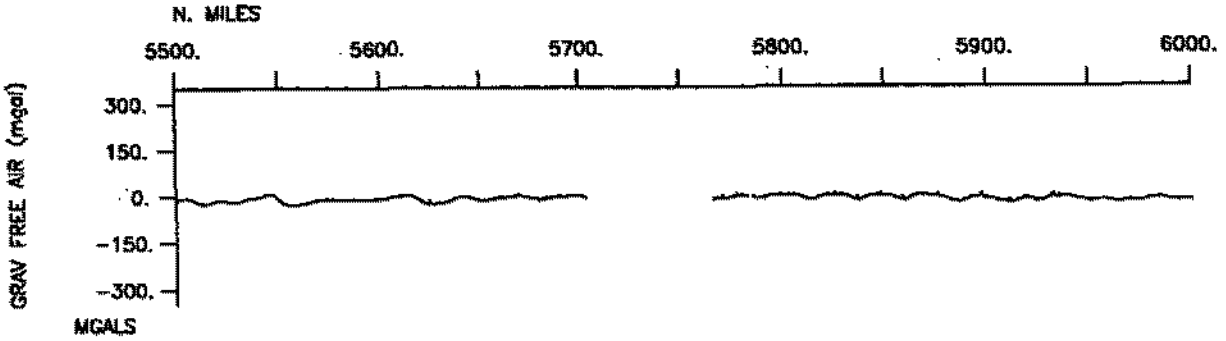

N. MILES
4500.
4600.
4700.
4800.
4900.
5000.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS

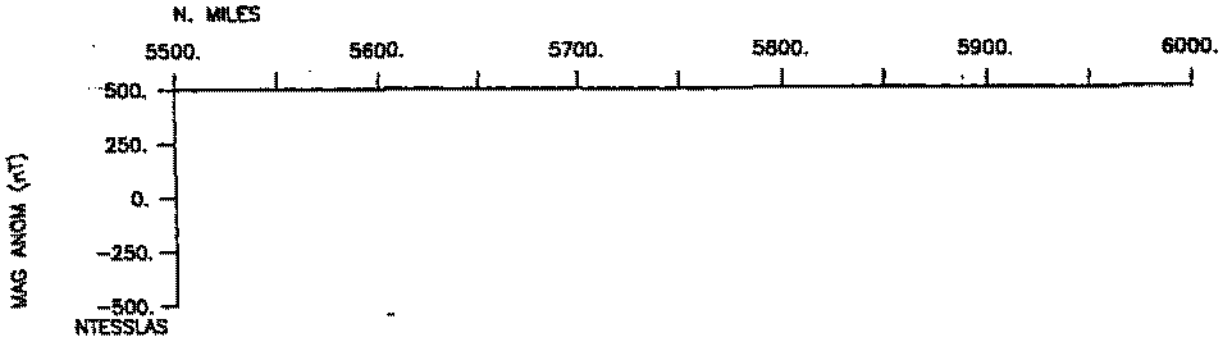

N. MILES
4500.
4600.
4700.
4800.
4900.
5000.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
04
08
1200/02FEB02
0000/02FEB03
04
08
1200/02FEB03
16
20
0000/02FEB04
1200/02FEB04
16
20
0000/02FEB05
04
08
1200/02FEB05
16

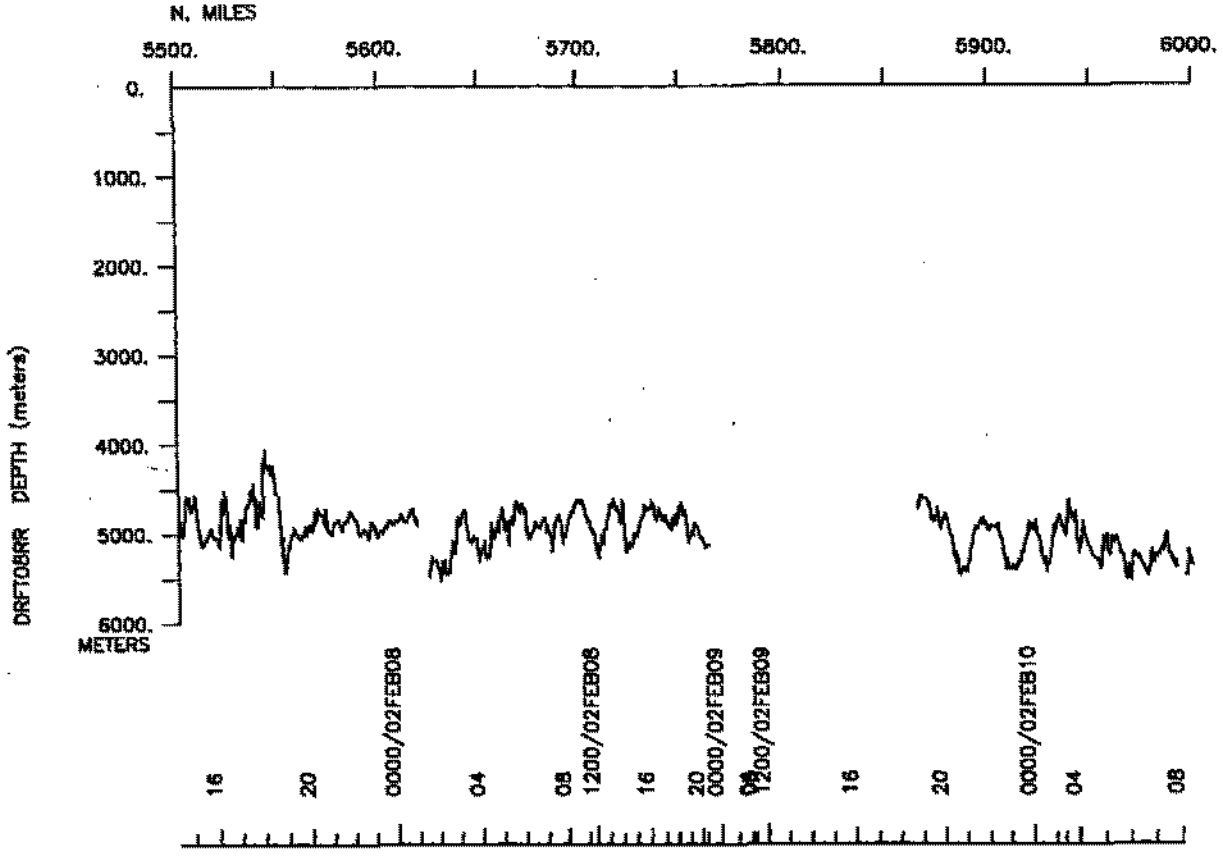

N. MILES
5000.
5100.
5200.
5300.
5400.
5500.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS

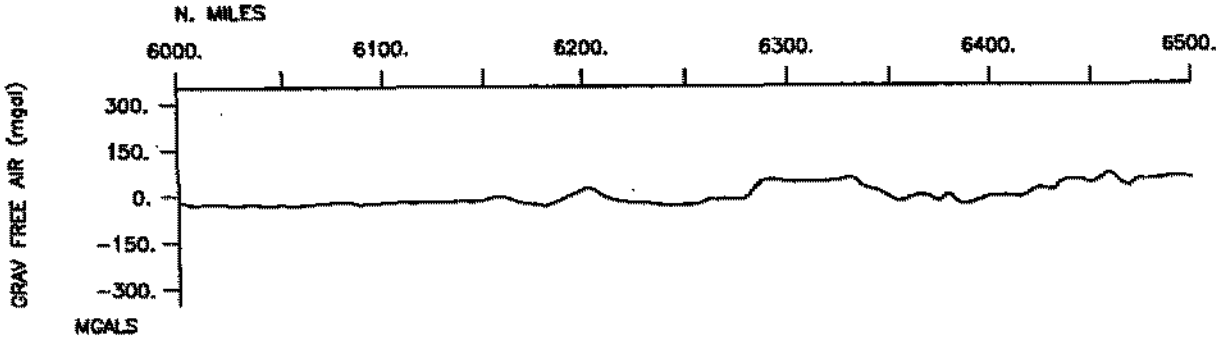

N. MILES
5000.
5100.
5200.
5300.
5400.
5500.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS

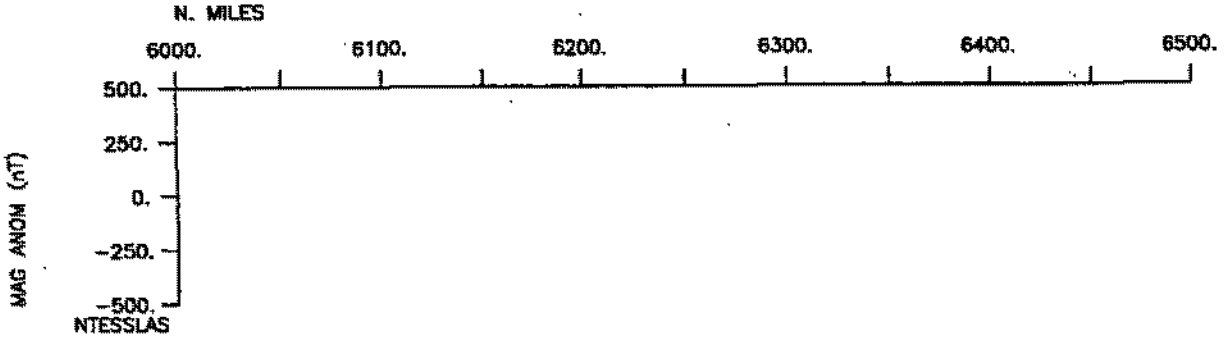

N. MILES
5000.
5100.
5200.
5300.
5400.
5500.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
20
0000/02FEB05
04
08
1200/02FEB06
16
20
0000/02FEB07
04
08
1200/02FEB07

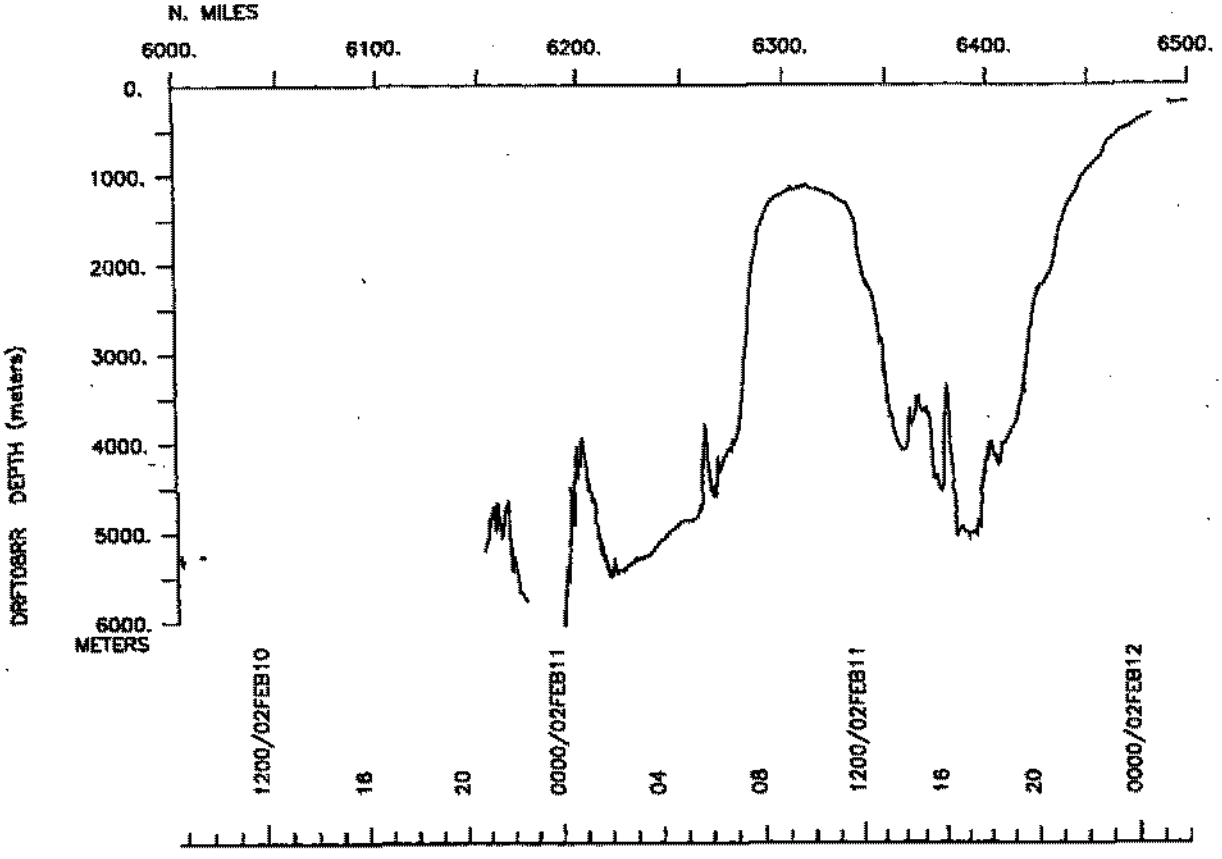

N. MILES
5500.
5600.
5700.
5800.
5900.
6000.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS

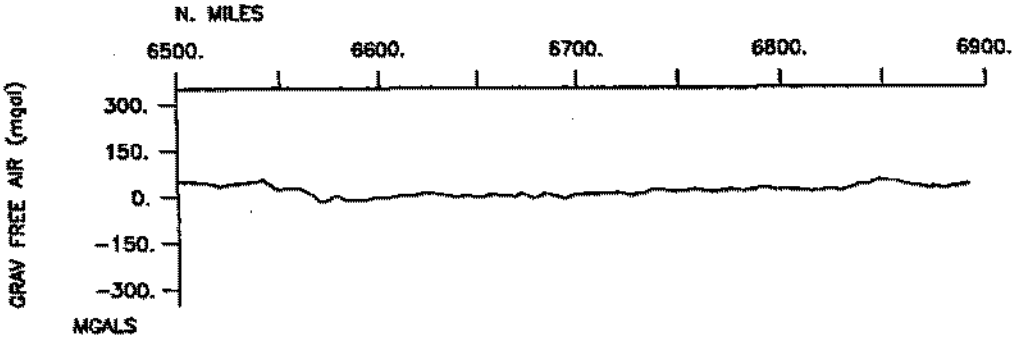

N. MILES
5500.
5600.
5700.
5800.
5900.
6000.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS

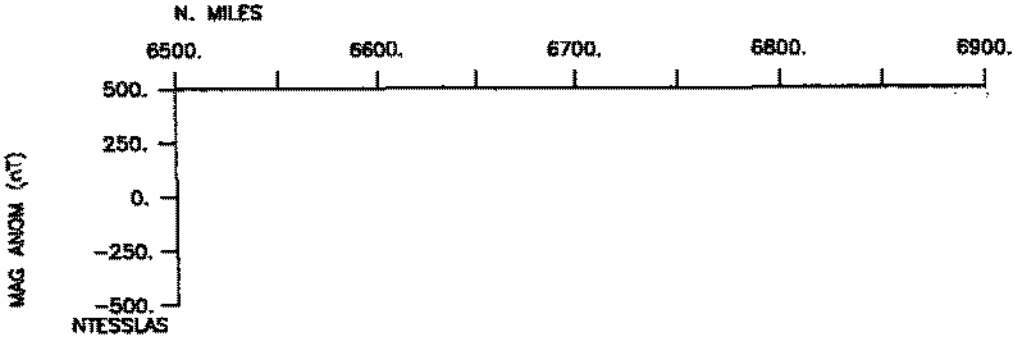

N. MILES
5500.
5600.
5700.
5800.
5900.
6000.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
16
20
0000/02FEB08
04
08
1200/02FEB08
16
20
0000/02FEB09
1200/02FEB09
16
20
0000/02FEB10
04
08

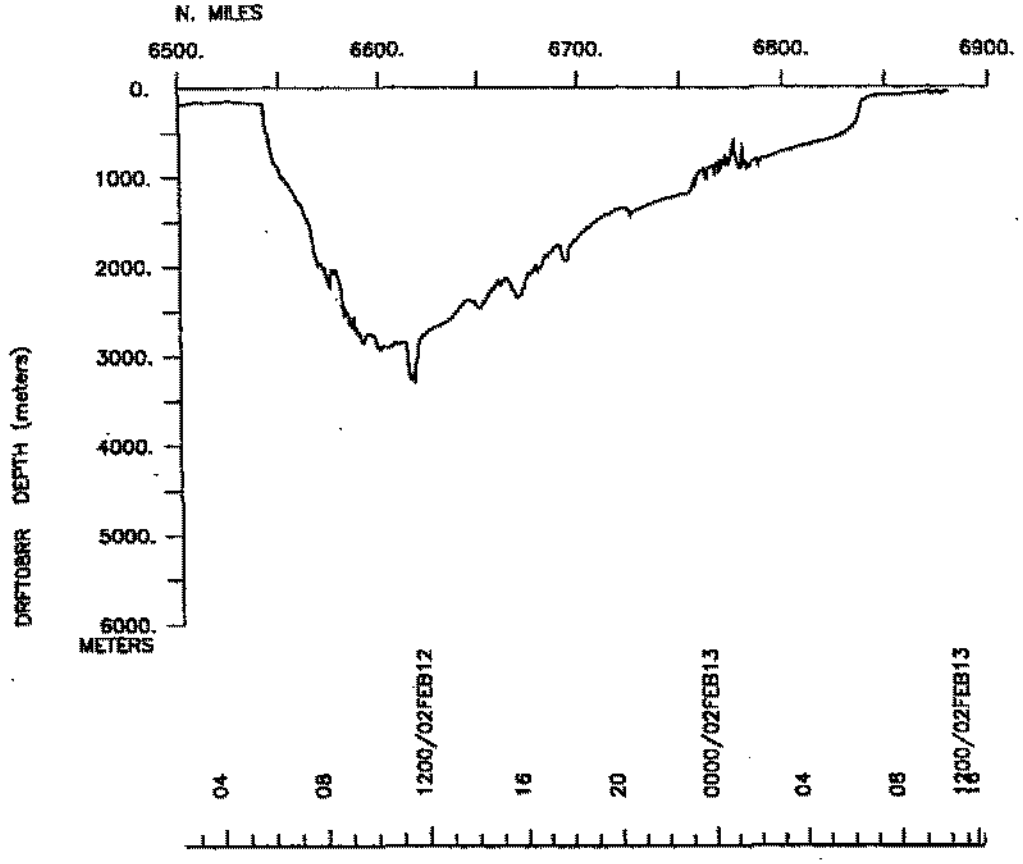

N. MILES
6000.
6100.
6200.
6300.
6400.
6500.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS


N. MILES
6000.
6100.
6200.
6300.
6400.
6500.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS


N. MILES
6000.
6100.
6200.
6300.
6400.
6500.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
1200/02FEB10
18
20
0000/02FEB11
04
08
1200/02FEB11
16
20
0000/02FEB12


N. MILES
6500.
6600.
6700.
6800.
6900.
GRAV FREE AIR (mgal)
300.
150.
0.
-150.
-300.
MGALS


N. MILES
6500.
6600.
6700.
6800.
6900.
MAG ANOM (nT)
500.
250.
0.
-250.
-500.
NTESSLAS


N. MILES
6500.
6600.
6700.
6800.
6900.
DRFT08RR DEPTH (meters)
0.
1000.
2000.
3000.
4000.
5000.
6000.
METERS
04
08
1200/02FEB12
16
20
0000/02FEB13
04
08
1200/02FEB13
16

S.I.O. Sample Index

Drift Expedition

Leg 8

(DRFT08RR)

R/V Revelle

(Issued July 2002)

PORTS:

Lyttleton, New Zealand (6 January 2002)
to
Lyttleton, New Zealand (13 February 2002)

Chief Scientist: Ken Johnson
Monterey Bay Aquarium Research Institute

The Sample Index is a first level interdisciplinary listing of time, position, sample identification and disposition of all samples, records and measurements collected on this cruise leg. The index data are encoded at sea by the resident marine technician and processed on shore by the S.I.O. Shipboard Technical Support shortly after the completion of the cruise leg.

Positions are interpolated on the basis of sample time by comparison to a single, edited navigation file. Samples beginning at one time and position and ending at another are entered on two consecutive lines. Disposition and sample type are represented by three and four character codes to permit future computer searches on these parameters. (Listings defining these codes are available from the Shipboard Technical Support Group.)

STS Cruise ID# 297

```
#*** Ports ***

0500 060102    LGPT   Lyttleton, NewZealand     43-36.00S 172-43.00E f DRFT08RR
1740 130202    LGPT   Lyttleton, NewZealand     43-36.00S 172-43.00E f DRFT08RR


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

PECS MBRI Johnson,K.            Chief Scientist   Monterey Bay Aq.Res. DRFT08RR
PESP MBRI Fitzwater,S.          Technician        Monterey Bay Aq.Res. DRFT08RR
PESP MBRI Elron,G.              Technician        Monterey Bay Aq.Res. DRFT08RR
PESP MBRI Plant,J.              Technician        Monterey Bay Aq.Res. DRFT08RR
PESP MBRI Chase,Z.              Technician        Monterey Bay Aq.Res. DRFT08RR
PESP MBRI Strutton,P.           Technician        Monterey Bay Aq.Res. DRFT08RR
PESP MBRI Drake,E.              Technician        Monterey Bay Aq.Res. DRFT08RR
PEST SIX  Lance,V.              Grad student      Duke University      DRFT08RR
PECT STS  Jacobson,D.           Computer Tech     Scripps Institution  DRFT08RR
PEST SIX  Stube,D.              Student           Duke University      DRFT08RR
PESP OSU  Hales,B.              Scientist         Oregon State Univ.   DRFT08RR
PEST OSU  Bandette,L.           Grad student      Oregon State Univ.   DRFT08RR
PEST OSU  Covert,P.             Grad student      Oregon State Univ.   DRFT08RR
PEST OSU  Hubbard,D.            Grad student      Oregon State Univ.   DRFT08RR
PESP OSU  Jennings,J.           Technician        Oregon State Univ.   DRFT08RR
PESP OSU  Pierce,S.             Scientist         Oregon State Univ.   DRFT08RR
PESP SIX  Schotz,E.             Contractor        Downhole Systems Inc DRFT08RR
PESP UMI  Sullivan,K.           Scientist         University of Miami  DRFT08RR
PESP SIX  Neill,C.              Contractor        CCN Consulting,Inc.  DRFT08RR
PEST LLL  Wood,T.               Grad student      L.Livermore Nat.Lab. DRFT08RR
PESP SIX  Nicholaison,R.        Photographer      NonScripps Employee  DRFT08RR
PEST SIX  Tozzi,S.              Grad student      Rutgers University   DRFT08RR
PEST LLL  Quay,C.               Grad student      L.Livermore Nat.Lab. DRFT08RR
PEST LLL  Bam,P.                Grad student      L.Livermore Nat.Lab. DRFT08RR
PESP UHI  Brown,S.              Scientist         University of Hawaii DRFT08RR
PEST UHI  Cassar,N.             Grad student      University of Hawaii DRFT08RR
PEST SIX  Twining,B.            Grad student      U.of NY,Stonybrook   DRFT08RR
PEST SIX  Peloquin,J.           Grad student      Virginia I.Marine S. DRFT08RR
PESP MLML Hunter,C.             Technician        Moss Landing Mar lab DRFT08RR
PEST SIX  Mcilvan,M.            Grad student      U of Massachusettes  DRFT08RR
PESP SIX  Barber,D.             Senior scientist  Duke University      DRFT08RR
PESP SIX  Wingenter,O.          Scientist         New Mexico Tech      DRFT08RR
PERT STS  Baiz,T.               Resident Tech     Scripps Institution  DRFT08RR


#*** 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) ***

0718 060102  0 MBSI B SIMRAD Multibeam     GDC  43-35.64S 173-10.95E g DRFT08RR
1005 130202  0 MBSI E SIMRAD Multibeam     GDC  43-35.00S 173-03.78E g DRFT08RR
```

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

#*** Digital Gravity ***

0500 060102  0 GVDD B Gravity data            GDC  43-36.47S 172-42.89E g DRFT08RR
1740 130202  0 GVDD E Gravity data            GDC  43-36.39S 172-43.18E g DRFT08RR

#*** Integrated Meteorological Acquisition System ***

0500 060102  0 IMET B Weather measurements GDC  43-36.47S 172-42.89E g DRFT08RR
1740 130202  0 IMET E Weather measurements GDC  43-36.39S 172-43.18E g DRFT08RR

#*** Acoustic Doppler Current Profiler ***

0500 060102  0 ADCP B ADCP 150 kHz            GDC  43-36.47S 172-42.89E g DRFT08RR
1740 130202  0 ADCP E ADCP 150 kHz            GDC  43-36.39S 172-43.18E g DRFT08RR

0500 060102  0 ADCP B ADCP 50 kHz             GDC  43-36.47S 172-42.89E g DRFT08RR
1740 130202  0 ADCP E ADCP 50 kHz             GDC  43-36.39S 172-43.18E g DRFT08RR

0500 060102  0 ADCP B ADCP 140 kHz            GDC  43-36.47S 172-42.89E g DRFT08RR
1740 130202  0 ADCP E ADCP 140 kHz            GDC  43-36.39S 172-43.18E g DRFT08RR

#*** Submerged Photometer ***

2308 070102  0 PSXX B SPMR #1                 MBRI 48-05.77S 178-09.27W g DRFT08RR
2325 070102  0 PSXX E SPMR #1                 MBRI 48-06.05S 178-09.23W g DRFT08RR

2355 150102  0 PSXX B SPMR #2                 MBRI 56-03.24S 171-50.27W g DRFT08RR
0005 160102  0 PSXX E SPMR #2                 MBRI 56-02.98S 171-50.22W g DRFT08RR

2215 170102  0 PSXX B SPMR 3                  MBRI 55-56.49S 171-45.47W g DRFT08RR
2233 170102  0 PSXX E SPMR 3                  MBRI 55-56.56S 171-45.87W g DRFT08RR

0100 190102  0 PSXX B SPMR                    MBRI 55-50.33S 171-53.19W g DRFT08RR
0155 190102  0 PSXX E SPMR                    MBRI 55-50.38S 171-53.04W g DRFT08RR

2218 210102  0 PSXX B SPMR 5                  MBRI 64-56.44S 170-24.18W g DRFT08RR
2231 210102  0 PSXX E SPMR 5                  MBRI 64-56.43S 170-23.54W g DRFT08RR

2312 220102  0 PSXX B SPMR                    MBRI 66-24.72S 170-22.92W g DRFT08RR
2330 220102  0 PSXX E SPMR                    MBRI 66-24.78S 170-23.05W g DRFT08RR

0250 240102  0 PSXX B SPMR #024               MBRI 66-24.27S 171-29.19W g DRFT08RR
0302 240102  0 PSXX E SPMR #024               MBRI 66-24.28S 171-28.79W g DRFT08RR

2335 260102  0 PSXX B SPMR                    MBRI 66-25.83S 171-56.91W g DRFT08RR
2345 260102  0 PSXX E SPMR                    MBRI 66-25.86S 171-57.19W g DRFT08RR
```

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

0001 280102  0 PSXX B SPMR                  MBRI 66-25.03S 171-56.55W g DRFT08RR
0012 280102  0 PSXX E SPMR                  MBRI 66-25.03S 171-56.55W g DRFT08RR

0100 310102  0 PSXX B SPMR 26/01            MBRI 66-19.18S 171-54.25W g DRFT08RR
0115 310102  0 PSXX E SPMR 26/01            MBRI 66-19.30S 171-55.02W g DRFT08RR

2300 020202  0 PSXX B SPMR                  MBRI 66-24.49S 171-43.90W g DRFT08RR
2320 020202  0 PSXX E SPMR                  MBRI 66-24.49S 171-43.90W g DRFT08RR

0215 040202  0 PSXX B SPMR                  MBRI 66-12.83S 172-01.28W g DRFT08RR
0240 040202  0 PSXX E SPMR                  MBRI 66-12.83S 172-01.28W g DRFT08RR

0255 040202  0 PSXX B SPMR                  MBRI 66-12.83S 172-01.28W g DRFT08RR
0310 040202  0 PSXX E SPMR                  MBRI 66-12.83S 172-01.28W g DRFT08RR

0340 050202  0 PSXX B SPMR                  MBRI 66-18.33S 172-09.14W g DRFT08RR
0350 050202  0 PSXX E SPMR                  MBRI 66-18.32S 172-09.18W g DRFT08RR

2115 080202  0 PSXX B SPMR                  MBRI 54-05.59S 169-32.09W g DRFT08RR
2141 080202  0 PSXX E SPMR                  MBRI 54-05.56S 169-32.09W g DRFT08RR

0204 090202  0 PSXX B SPMR                  MBRI 54-10.31S 169-18.26W g DRFT08RR
0225 090202  0 PSXX E SPMR                  MBRI 54-10.31S 169-18.26W g DRFT08RR

0139 100202  0 PSXX B SPMR                  MBRI 54-12.31S 169-14.53W g DRFT08RR
0205 100202  0 PSXX E SPMR                  MBRI 54-12.32S 169-14.54W g DRFT08RR


#*** Conductivity, Temperature, Depth ***
#*** Data shared between MBARI and SIO ***

0004 080102  0 TDCT B CTD #1                MBRI 48-06.05S 178-09.23W g DRFT08RR
0042 080102  0 TDCT E CTD #1                MBRI 48-06.05S 178-09.23W g DRFT08RR

1709 100102  0 TDCT B CTD 02/01             SIO  57-00.26S 171-59.84W g DRFT08RR
1750 100102  0 TDCT E CTD 02/01             SIO  57-00.26S 171-59.86W g DRFT08RR

2046 100102  0 TDCT B CTD 03/01             MBRI 56-29.98S 172-00.03W g DRFT08RR
2124 100102  0 TDCT E CTD 03/01             MBRI 56-29.99S 172-00.02W g DRFT08RR

0020 110102  0 TDCT B CTD 04/01             SIO  56-00.06S 171-59.86W g DRFT08RR
0058 110102  0 TDCT E CTD 04/01             SIO  56-00.06S 171-59.87W g DRFT08RR

0134 110102  0 TDCT B CTD 06/01             SIO  55-55.64S 171-59.22W g DRFT08RR
0215 110102  0 TDCT E CTD 06/01             SIO  55-47.56S 172-00.00W g DRFT08RR

0351 110102  0 TDCT B CTD 05/01             MBRI 55-29.96S 171-59.96W g DRFT08RR
0433 110102  0 TDCT E CTD 05/01             MBRI 55-29.97S 171-59.97W g DRFT08RR
```

#GMT DDMMYY #TIME DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
2220 110102	0	TDCT	B	CTD 07/01	MBRI	56-30.72S	172-00.75W	g	DRFT08RR
2304 110102	0	TDCT	E	CTD 07/01	MBRI	56-30.73S	172-00.75W	g	DRFT08RR
2355 110102	0	TDCT	B	CTD 07/02	SIO	56-30.72S	172-00.76W	g	DRFT08RR
0020 120102	0	TDCT	E	CTD 07/02	SIO	56-30.73S	172-00.76W	g	DRFT08RR
1040 120102	0	TDCT	B	CTD 08/01	MBRI	56-24.36S	172-00.92W	g	DRFT08RR
1140 120102	0	TDCT	E	CTD 08/01	MBRI	56-24.36S	172-00.92W	g	DRFT08RR
1738 140102	0	TDCT	B	CTD	SIO	56-06.53S	171-58.50W	g	DRFT08RR
1818 140102	0	TDCT	E	CTD	SIO	56-06.53S	171-58.51W	g	DRFT08RR
1944 150102	0	TDCT	B	CTD 9/01	MBRI	56-02.61S	171-52.66W	g	DRFT08RR
2011 150102	0	TDCT	E	CTD 9/01	MBRI	56-02.61S	171-52.66W	g	DRFT08RR
2128 150102	0	TDCT	B	CTD 9/02	SIO	56-02.61S	171-52.66W	g	DRFT08RR
2153 150102	0	TDCT	E	CTD 9/02	SIO	56-02.61S	171-52.66W	g	DRFT08RR
2202 150102	0	TDCT	B	CTD 9/03	MBRI	56-02.61S	171-52.66W	g	DRFT08RR
2225 150102	0	TDCT	E	CTD 9/03	MBRI	56-02.61S	171-52.66W	g	DRFT08RR
0020 160102	0	TDCT	B	CTD 09/04	SIO	56-02.86S	171-50.20W	g	DRFT08RR
0059 160102	0	TDCT	E	CTD 09/04	SIO	56-02.86S	171-50.20W	g	DRFT08RR
1711 180102	0	TDCT	B	CTD 10/01	MBRI	55-52.50S	171-54.78W	g	DRFT08RR
1744 180102	0	TDCT	E	CTD 10/01	MBRI	55-52.49S	171-54.78W	g	DRFT08RR
1845 180102	0	TDCT	B	CTD 10/02	SIO	55-52.49S	171-54.78W	g	DRFT08RR
1902 180102	0	TDCT	E	CTD 10/02	SIO	55-52.49S	171-54.78W	g	DRFT08RR
0753 190102	0	TDCT	B	CTD 10/01	MBRI	55-47.94S	171-53.79W	g	DRFT08RR
0831 190102	0	TDCT	E	CTD 10/01	MBRI	55-47.94S	171-53.79W	g	DRFT08RR
1115 190102	0	TDCT	B	CTD 11/01	SIO	55-57.90S	171-52.40W	g	DRFT08RR
1230 190102	0	TDCT	E	CTD 11/01	SIO	55-57.90S	171-52.41W	g	DRFT08RR
1330 190102	0	TDCT	B	CTD 11/02	MBRI	55-57.90S	171-52.41W	g	DRFT08RR
1340 190102	0	TDCT	E	CTD 11/02	MBRI	55-57.90S	171-52.41W	g	DRFT08RR
2005 200102	0	TDCT	B	CTD 12/01	SIO	61-29.81S	170-47.74W	g	DRFT08RR
2038 200102	0	TDCT	E	CTD 12/01	SIO	61-29.84S	170-47.73W	g	DRFT08RR
2150 210102	0	TDCT	B	CTD 13/01	MBRI	64-56.44S	170-24.18W	g	DRFT08RR
2213 210102	0	TDCT	E	CTD 13/01	MBRI	64-56.44S	170-24.18W	g	DRFT08RR
0712 220102	0	TDCT	B	CTD 14/01	SIO	66-24.70S	170-23.13W	g	DRFT08RR
0743 220102	0	TDCT	E	CTD 14/01	SIO	66-24.75S	170-23.11W	g	DRFT08RR
1951 220102	0	TDCT	B	CTD	MBRI	66-24.70S	169-33.12W	g	DRFT08RR
2018 220102	0	TDCT	E	CTD	MBRI	66-24.70S	169-33.12W	g	DRFT08RR

#GMT DDMMYY #TIME DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0215 230102	0	TDCT	B	CTD 16/01	MBRI	66-24.68S	171-13.07W	g	DRFT08RR
0255 230102	0	TDCT	E	CTD 16/01	MBRI	66-24.68S	171-13.08W	g	DRFT08RR
0503 230102	0	TDCT	B	CTD 17/01	MBRI	66-24.70S	172-03.08W	g	DRFT08RR
0530 230102	0	TDCT	E	CTD 17/01	MBRI	66-24.70S	172-03.08W	g	DRFT08RR
1008 230102	0	TDCT	B	CTD	SIO	66-23.40S	170-47.94W	g	DRFT08RR
1040 230102	0	TDCT	E	CTD	SIO	66-23.62S	170-52.08W	g	DRFT08RR
1255 230102	0	TDCT	B	CTD	MBRI	66-24.00S	171-30.14W	g	DRFT08RR
1320 230102	0	TDCT	E	CTD	MBRI	66-24.00S	171-30.14W	g	DRFT08RR
1439 230102	0	TDCT	B	CTD	SIO	66-24.30S	171-30.94W	g	DRFT08RR
1507 230102	0	TDCT	E	CTD	SIO	66-24.30S	171-30.94W	g	DRFT08RR
1539 230102	0	TDCT	B	CTD	MBRI	66-24.30S	171-30.94W	g	DRFT08RR
1549 230102	0	TDCT	E	CTD	MBRI	66-24.30S	171-30.94W	g	DRFT08RR
0210 240102	0	TDCT	B	CTD	SIO	66-24.25S	171-29.27W	g	DRFT08RR
0244 240102	0	TDCT	E	CTD	SIO	66-24.26S	171-29.29W	g	DRFT08RR
0448 260102	0	TDCT	B	CTD 20/01	MBRI	66-28.26S	171-53.79W	g	DRFT08RR
0512 260102	0	TDCT	E	CTD 20/01	MBRI	66-28.26S	171-53.80W	g	DRFT08RR
0625 260102	0	TDCT	B	CTD 20/02	SIO	66-28.26S	171-53.80W	g	DRFT08RR
0652 260102	0	TDCT	E	CTD 20/02	SIO	66-28.26S	171-53.79W	g	DRFT08RR
2350 260102	0	TDCT	B	CTD 21/01	MBRI	66-25.86S	171-57.19W	g	DRFT08RR
0025 270102	0	TDCT	E	CTD 21/01	MBRI	66-25.86S	171-57.19W	g	DRFT08RR
0130 270102	0	TDCT	B	CTD 21/02	SIO	66-25.86S	171-57.19W	g	DRFT08RR
0135 270102	0	TDCT	E	CTD 21/02	SIO	66-25.86S	171-57.19W	g	DRFT08RR
0440 270102	0	TDCT	B	CTD 21/03	MBRI	66-22.41S	171-57.86W	g	DRFT08RR
0507 270102	0	TDCT	E	CTD 21/03	MBRI	66-22.41S	171-57.87W	g	DRFT08RR
1457 270102	0	TDCT	B	CTD	SIO	66-25.03S	171-56.55W	g	DRFT08RR
1526 270102	0	TDCT	E	CTD	SIO	66-25.03S	171-56.55W	g	DRFT08RR
1626 270102	0	TDCT	B	CTD	MBRI	66-25.03S	171-56.55W	g	DRFT08RR
1641 270102	0	TDCT	E	CTD	MBRI	66-25.03S	171-56.55W	g	DRFT08RR
0228 280102	0	TDCT	B	CTD	SIO	66-25.03S	171-56.55W	g	DRFT08RR
0258 280102	0	TDCT	E	CTD	SIO	66-25.03S	171-56.55W	g	DRFT08RR
0435 280102	0	TDCT	B	CTD	MBRI	66-25.04S	171-57.47W	g	DRFT08RR
0503 280102	0	TDCT	E	CTD	MBRI	66-25.04S	171-57.47W	g	DRFT08RR
0354 300102	0	TDCT	B	CTD	SIO	66-24.07S	172-02.27W	g	DRFT08RR
0430 300102	0	TDCT	E	CTD	SIO	66-24.06S	172-02.27W	g	DRFT08RR

#GMT DDMMYY #TIME DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0545 300102	0	TDCT	B	CTD	MBRI	66-24.06S	172-02.27W	g	DRFT08RR
0611 300102	0	TDCT	E	CTD	MBRI	66-24.06S	172-02.27W	g	DRFT08RR
0018 310102	0	TDCT	B	CTD 26/01	SIO	66-19.17S	171-54.24W	g	DRFT08RR
0050 310102	0	TDCT	E	CTD 26/01	SIO	66-19.17S	171-54.24W	g	DRFT08RR
0130 310102	0	TDCT	B	CTD 26-2	MBRI	66-19.35S	171-55.06W	g	DRFT08RR
0150 310102	0	TDCT	E	CTD 26-2	MBRI	66-19.34S	171-55.06W	g	DRFT08RR
1003 310102	0	TDCT	B	CTD	SIO	66-19.35S	171-55.07W	g	DRFT08RR
1030 310102	0	TDCT	E	CTD	SIO	66-19.34S	171-55.07W	g	DRFT08RR
1140 310102	0	TDCT	B	CTD	MBRI	66-19.34S	171-55.07W	g	DRFT08RR
1219 310102	0	TDCT	E	CTD	MBRI	66-19.35S	171-55.07W	g	DRFT08RR
1310 020202	0	TDCT	B	CTD	SIO	66-22.18S	171-43.86W	g	DRFT08RR
1350 020202	0	TDCT	E	CTD	SIO	66-22.17S	171-43.86W	g	DRFT08RR
1454 020202	0	TDCT	B	CTD	MBRI	66-22.17S	171-43.85W	g	DRFT08RR
1517 020202	0	TDCT	E	CTD	MBRI	66-22.18S	171-43.85W	g	DRFT08RR
2118 030202	0	TDCT	B	CTD	SIO	66-11.84S	172-01.52W	g	DRFT08RR
2150 030202	0	TDCT	E	CTD	SIO	66-11.82S	172-01.55W	g	DRFT08RR
2310 030202	0	TDCT	B	CTD	MBRI	66-11.81S	172-01.33W	g	DRFT08RR
2320 030202	0	TDCT	E	CTD	MBRI	66-11.81S	172-01.31W	g	DRFT08RR
0712 040202	0	TDCT	B	CTD	SIO	66-12.83S	172-01.24W	g	DRFT08RR
0740 040202	0	TDCT	E	CTD	SIO	66-12.83S	172-01.24W	g	DRFT08RR
0838 040202	0	TDCT	B	CTD	MBRI	66-12.83S	172-01.24W	g	DRFT08RR
0912 040202	0	TDCT	E	CTD	MBRI	66-12.84S	172-01.25W	g	DRFT08RR
0334 050202	0	TDCT	B	CTD	SIO	66-18.32S	172-09.14W	g	DRFT08RR
0400 050202	0	TDCT	E	CTD	SIO	66-18.32S	172-09.20W	g	DRFT08RR
0925 080202	0	TDCT	B	CTD	MBRI	54-11.12S	169-20.98W	g	DRFT08RR
0955 080202	0	TDCT	E	CTD	MBRI	54-11.12S	169-20.98W	g	DRFT08RR
1050 080202	0	TDCT	B	CTD	SIO	54-11.12S	169-20.98W	g	DRFT08RR
1105 080202	0	TDCT	E	CTD	SIO	54-11.12S	169-20.98W	g	DRFT08RR
2057 080202	0	TDCT	B	CTD	MBRI	54-05.59S	169-32.10W	g	DRFT08RR
2136 080202	0	TDCT	E	CTD	MBRI	54-05.56S	169-32.09W	g	DRFT08RR
2223 080202	0	TDCT	B	CTD	SIO	54-05.56S	169-32.09W	g	DRFT08RR
2235 080202	0	TDCT	E	CTD	SIO	54-05.56S	169-32.09W	g	DRFT08RR
0200 090202	0	TDCT	B	CTD	MBRI	54-10.31S	169-18.26W	g	DRFT08RR
0220 090202	0	TDCT	E	CTD	MBRI	54-10.31S	169-18.26W	g	DRFT08RR
0135 100202	0	TDCT	B	CTD	SIO	54-12.32S	169-14.53W	g	DRFT08RR
0205 100202	0	TDCT	E	CTD	SIO	54-12.32S	169-14.54W	g	DRFT08RR

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

#Most of the ctd's were to 200m, some only to 100m.  12 place rosette.
#The water was distributed as follows:
# T,S,N,I,G,H by Duke
# C,G,A,B  by UNYS
# TRACE GAS BY UMI
# N,I,N15 BY UMASS
# L,G,A,B  BY UHI

0105 080102  0 TDXX B TM #1                      MBRI 48-06.05S 178-09.23W g DRFT08RR
0159 080102  0 TDXX E TM #1                      MBRI 48-06.05S 178-09.23W g DRFT08RR

2315 110102  0 TDXX B TM 07/01                   MBRI 56-30.72S 172-00.76W g DRFT08RR
2345 110102  0 TDXX E TM 07/01                   MBRI 56-30.72S 172-00.77W g DRFT08RR

1650 140102  0 TDXX B TM Rosette                 MBRI 56-06.53S 171-58.50W g DRFT08RR
1728 140102  0 TDXX E TM Rosette                 MBRI 56-06.53S 171-58.51W g DRFT08RR

2030 150102  0 TDXX B TM                         MBRI 56-02.61S 171-52.66W g DRFT08RR
2111 150102  0 TDXX E TM                         MBRI 56-02.61S 171-52.66W g DRFT08RR

1800 180102  0 TDXX B TM Rosette                 MBRI 55-52.49S 171-54.78W g DRFT08RR
1836 180102  0 TDXX E TM Rosette                 MBRI 55-52.49S 171-54.78W g DRFT08RR

1250 190102  0 TDXX B TM 11/01                   MBRI 55-57.90S 171-52.40W g DRFT08RR
1320 190102  0 TDXX E TM 11/01                   MBRI 55-57.90S 171-52.41W g DRFT08RR

1350 230102  0 TDXX B TM                         MBRI 66-24.30S 171-30.94W g DRFT08RR
1420 230102  0 TDXX E TM                         MBRI 66-24.30S 171-30.94W g DRFT08RR

0526 260102  0 TDXX B TM  20/01                  MBRI 66-28.26S 171-53.79W g DRFT08RR
0604 260102  0 TDXX E TM  20/01                  MBRI 66-28.26S 171-53.80W g DRFT08RR

0040 270102  0 TDXX B TM 21/01                   MBRI 66-25.86S 171-57.20W g DRFT08RR
0115 270102  0 TDXX E TM 21/01                   MBRI 66-25.86S 171-57.20W g DRFT08RR

0530 270102  0 TDXX B TM 21/02                   MBRI 66-22.41S 171-57.87W g DRFT08RR
0607 270102  0 TDXX E TM 21/02                   MBRI 66-22.41S 171-57.86W g DRFT08RR

1004 270102  0 TDXX B TM                         MBRI 66-36.13S 171-46.92W g DRFT08RR
1041 270102  0 TDXX E TM                         MBRI 66-36.13S 171-46.92W g DRFT08RR

1047 270102  0 TDXX B TM                         MBRI 66-36.13S 171-46.92W g DRFT08RR
1115 270102  0 TDXX E TM                         MBRI 66-36.13S 171-46.92W g DRFT08RR

1538 270102  0 TDXX B TM                         MBRI 66-25.03S 171-56.55W g DRFT08RR
1612 270102  0 TDXX E TM                         MBRI 66-25.03S 171-56.55W g DRFT08RR

0447 300102  0 TDXX B TM                         MBRI 66-24.06S 172-02.27W g DRFT08RR
0533 300102  0 TDXX E TM                         MBRI 66-24.06S 172-02.27W g DRFT08RR
```

#GMT #TIME	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
1054	310102	0	TDXX	B	TM	MBRI	66-19.34S	171-55.07W	g	DRFT08RR
1125	310102	0	TDXX	E	TM	MBRI	66-19.35S	171-55.06W	g	DRFT08RR
1358	020202	0	TDXX	B	TM	MBRI	66-22.17S	171-43.86W	g	DRFT08RR
1445	020202	0	TDXX	E	TM	MBRI	66-22.17S	171-43.85W	g	DRFT08RR
2212	030202	0	TDXX	B	TM	MBRI	66-11.81S	172-01.35W	g	DRFT08RR
2255	030202	0	TDXX	E	TM	MBRI	66-11.80S	172-01.37W	g	DRFT08RR
1005	080202	0	TDXX	B	TM	MBRI	54-11.12S	169-20.98W	g	DRFT08RR
1038	080202	0	TDXX	E	TM	MBRI	54-11.12S	169-20.98W	g	DRFT08RR
2146	080202	0	TDXX	B	TM	MBRI	54-05.57S	169-32.08W	g	DRFT08RR
2216	080202	0	TDXX	E	TM	MBRI	54-05.56S	169-32.09W	g	DRFT08RR
2230	080202	0	TDXX	B	TM	MBRI	54-06.27S	169-31.30W	g	DRFT08RR
0305	090202	0	TDXX	E	TM	MBRI	54-10.31S	169-18.27W	g	DRFT08RR
0215	100202	0	TDXX	B	TM	MBRI	54-12.31S	169-14.54W	g	DRFT08RR
0246	100202	0	TDXX	E	TM	MBRI	54-12.31S	169-14.54W	g	DRFT08RR
#*** Pump to test for Iron ***										
0211	080102	0	PUXX	B	Pumpfish #1	MBRI	48-06.05S	178-09.23W	g	DRFT08RR
0246	080102	0	PUXX	E	Pumpfish #1	MBRI	48-08.24S	178-09.98W	g	DRFT08RR
0226	110102	0	PUXX	B	Fe Fish	MBRI	55-45.37S	171-59.87W	g	DRFT08RR
2155	110102	0	PUXX	E	Fe Fish	MBRI	56-29.98S	172-00.20W	g	DRFT08RR
1430	120102	0	PUXX	B	Fe pumps	MBRI	56-16.08S	172-03.92W	g	DRFT08RR
1430	140102	0	PUXX	E	Fe pumps	MBRI	56-13.59S	171-55.67W	g	DRFT08RR
1433	140102	0	PUXX	B	Fe fish	MBRI	56-13.62S	171-55.71W	g	DRFT08RR
1906	150102	0	PUXX	E	Fe Fish	MBRI	56-02.15S	171-56.50W	g	DRFT08RR
0640	160102	0	PUXX		Fe Pump	MBRI	55-57.89S	171-54.11W	g	DRFT08RR
1531	170102	0	PUXX	B	Fe Fish	MBRI	55-58.61S	171-47.97W	g	DRFT08RR
2320	180102	0	PUXX	E	Fe pump	MBRI	55-50.33S	171-53.19W	g	DRFT08RR
1120	190102	0	PUXX	B	Fe fish	MBRI	55-57.90S	171-52.41W	g	DRFT08RR
1245	190102	0	PUXX	E	Fe fish	MBRI	55-57.90S	171-52.41W	g	DRFT08RR
0721	220102	0	PUXX	B	FE Fish	MBRI	66-24.70S	170-23.13W	g	DRFT08RR
0813	220102	0	PUXX	E	FE Fish	MBRI	66-26.47S	170-22.76W	g	DRFT08RR
0817	220102	0	PUXX	B	FE Fish	MBRI	66-26.64S	170-22.65W	g	DRFT08RR
0235	230102	0	PUXX	E	FE fish	MBRI	66-24.68S	171-13.08W	g	DRFT08RR
0741	240102	0	PUXX	B	Commence Fe Pumping	MBRI	66-29.79S	171-31.70W	g	DRFT08RR
0140	260102	0	PUXX	E	Fe pumps	MBRI	66-21.11S	171-54.14W	g	DRFT08RR
0141	260102	0	PUXX	B	Fe Fish	MBRI	66-21.11S	171-54.06W	g	DRFT08RR
0628	260102	0	PUXX	E	Fe Fish	MBRI	66-28.26S	171-53.80W	g	DRFT08RR
0636	260102	0	PUXX	B	Fe Fish	MBRI	66-28.26S	171-53.80W	g	DRFT08RR
0924	270102	0	PUXX	E	Fe Fish	MBRI	66-35.87S	171-47.03W	g	DRFT08RR

#GMT TIME	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0855	280102	0	PUXX	B	Fe Fish	MBRI	66-34.21S	172-10.84W	g	DRFT08RR
1330	280102	0	PUXX	E	Fe Fish	MBRI	66-15.97S	172-06.88W	g	DRFT08RR
0625	300102	0	PUXX		Fe fish	MBRI	66-24.01S	172-02.78W	g	DRFT08RR
2305	300102	0	PUXX	E	Fe fish	MBRI	66-17.09S	171-47.96W	g	DRFT08RR
0918	010202	0	PUXX	E	Fe Fish	MBRI	66-16.31S	171-44.69W	g	DRFT08RR
0924	010202	0	PUXX	B	Commence Fe pumping	MBRI	66-16.40S	171-45.32W	g	DRFT08RR
1100	020202	0	PUXX	E	Completed Fe pumpmig	MBRI	66-17.66S	171-53.39W	g	DRFT08RR
0125	030202	0	PUXX	B	Fe fish	MBRI	66-23.27S	171-34.37W	g	DRFT08RR
1005	030202	0	PUXX	E	Fe Fish	MBRI	66-15.40S	171-58.94W	g	DRFT08RR
0723	050202	0	PUXX	B	Fe Fish	MBRI	66-22.48S	172-03.07W	g	DRFT08RR
1130	050202	0	PUXX	E	Fe Fish	MBRI	65-59.91S	172-03.59W	g	DRFT08RR
2054	070202	0	PUXX	B	Fe Fish	MBRI	54-58.26S	169-42.40W	g	DRFT08RR
2101	080202	0	PUXX	E	Fe Fish	MBRI	54-05.58S	169-32.07W	g	DRFT08RR
#*** Filtration Pump ***										
0318	080102	0	PUXX	B	MLVFS #1	LLL	48-08.63S	178-10.10W	g	DRFT08RR
0633	080102	0	PUXX	E	MLVFS #1	LLL	48-08.92S	178-09.52W	g	DRFT08RR
0100	120102	0	PUXX	B	MLVFS	LLL	56-30.73S	172-00.75W	g	DRFT08RR
0617	120102	0	PUXX	E	MLVS recovered M	LLL	56-30.73S	172-00.76W	g	DRFT08RR
2000	180102	0	PUXX	B	MLVFS pump	LLL	55-50.33S	171-53.19W	g	DRFT08RR
0620	190102	0	PUXX	E	MLVFS pump	LLL	55-50.38S	171-53.03W	g	DRFT08RR
1559	230102	0	PUXX	B	MLVFS	LLL	66-24.30S	171-30.94W	g	DRFT08RR
0140	240102	0	PUXX	E	MLVFS	LLL	66-24.30S	171-30.94W	g	DRFT08RR
1830	270102	0	PUXX	B	MLVFS pumps	LLL	66-25.03S	171-56.55W	g	DRFT08RR
0215	280102	0	PUXX	E	MLVFS Pumps	LLL	66-25.03S	171-56.55W	g	DRFT08RR
0215	300102	0	PUXX	B	MLVFS Pumps	LLL	66-29.61S	172-09.21W	g	DRFT08RR
0939	310102	0	PUXX	E	MLVFS Pumps	LLL	66-19.35S	171-55.07W	g	DRFT08RR
1551	020202	0	PUXX	B	MLVFS	LLL	66-24.49S	171-43.89W	g	DRFT08RR
2320	020202	0	PUXX	E	MLVFS	LLL	66-24.49S	171-43.90W	g	DRFT08RR
0005	040202	0	PUXX	B	MLVFS	LLL	66-12.80S	172-01.25W	g	DRFT08RR
0703	040202	0	PUXX	E	MLVFS	LLL	66-12.83S	172-01.24W	g	DRFT08RR
0340	090202	0	PUXX	B	MLVFS	LLL	54-10.56S	169-17.93W	g	DRFT08RR
1040	090202	0	PUXX	E	MLVFS	LLL	54-10.57S	169-15.62W	g	DRFT08RR

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

#*** Seasoar data ***
#*** Seasoar did not work for most of these deployments ***

0840 100102  0 TDXX B Seasoar               OSU  55-51.89S 171-59.69W g DRFT08RR
0941 100102  0 TDXX E Seasoar               OSU  55-54.15S 171-58.56W g DRFT08RR

1903 140102  0 TDXX B Seasoar               OSU  56-06.45S 171-58.68W g DRFT08RR
0025 150102  0 TDXX E Seasoar               OSU  56-10.66S 172-11.37W g DRFT08RR

1641 170102  0 TDXX B Seasoar               OSU  56-03.55S 171-40.98W g DRFT08RR
2159 170102  0 TDXX E Seasoar               OSU  55-56.14S 171-45.38W g DRFT08RR

0253 180102  0 TDXX B Seasoar               OSU  55-55.30S 171-56.09W g DRFT08RR
0540 180102  0 TDXX E Seasoar               OSU  55-58.24S 172-00.81W g DRFT08RR

0654 180102  0 TDXX B Seasoar               OSU  55-55.11S 172-00.40W g DRFT08RR
1625 180102  0 TDXX E Seasoar               OSU  55-51.52S 171-53.18W g DRFT08RR

1150 220102  0 TDXX B Seasoar               OSU  66-28.50S 170-22.44W g DRFT08RR
1600 220102  0 TDXX E Seasoar               OSU  66-05.07S 170-22.97W g DRFT08RR

2020 250102  0 TDXX B Seasoar               OSU  66-22.07S 171-52.55W g DRFT08RR
0900 260102  0 TDXX E Seasoar               OSU  66-25.63S 171-43.41W g DRFT08RR

0642 270102  0 TDXX B Seasoar               OSU  66-23.53S 171-57.08W g DRFT08RR
0811 270102  0 TDXX E Seasoar               OSU  66-29.32S 171-57.37W g DRFT08RR

0824 280102  0 TDXX B Seasoar               OSU  66-35.47S 172-11.78W g DRFT08RR
1330 280102  0 TDXX E Seasoar               OSU  66-15.97S 172-06.88W g DRFT08RR

1731 310102  0 TDXX B Seasoar               OSU  66-23.62S 171-24.38W g DRFT08RR
1925 310102  0 TDXX E Seasoar               OSU  66-26.42S 171-32.85W g DRFT08RR

0110 030202  0 TDXX B SeaSoar               OSU  66-23.43S 171-32.53W g DRFT08RR
0310 030202  0 TDXX E Seasoar               OSU  66-17.09S 171-46.81W g DRFT08RR

0415 030202  0 TDXX B Seasoar               OSU  66-14.37S 171-52.05W g DRFT08RR
1024 030202  0 TDXX E Seasoar               OSU  66-15.40S 171-56.68W g DRFT08RR

0714 050202  0 TDXX B Seasoar               OSU  66-22.37S 172-03.20W g DRFT08RR
1150 050202  0 TDXX E Seasoar               OSU  65-59.18S 172-03.91W g DRFT08RR

1120 080202  0 TDXX X Seasoar               OSU  54-11.40S 169-21.11W g DRFT08RR

#*** Conductivity, Temperature, Depth - Free Vehicle ***

1821 110102  0 TDFV    SOLO #1177           LLL  55-59.66S 171-59.88W g DRFT08RR
1345 120102  0 TDFV    SOLO 2045            LLL  56-22.45S 172-01.81W g DRFT08RR
0924 190102  0 TDFV    SOLO #2104           LLL  55-47.29S 171-52.41W g DRFT08RR
2330 030202  0 TDFV    SOLO Float           LLL  66-11.81S 172-01.37W g DRFT08RR
```

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

#*** Open Nets ***

1300 120102  0 ON1M B Net TOW                 UHI  56-24.58S 172-00.65W g DRFT08RR
1314 120102  0 ON1M E Net Tow o      81M      UHI  56-24.75S 172-00.56W g DRFT08RR

0120 160102  0 ON1M B Net tow                 UHI  56-02.86S 171-50.20W g DRFT08RR
0140 160102  0 ON1M E Net Tow o      81M      UHI  56-02.53S 171-50.05W g DRFT08RR

0842 190102  0 ON1M B Net Tow                 UHI  55-48.00S 171-53.77W g DRFT08RR
0853 190102  0 ON1M E Net Tow o      81M      UHI  55-48.17S 171-53.74W g DRFT08RR

0317 240102  0 ON1M B Net Tow                 UHI  66-24.23S 171-28.74W g DRFT08RR
0324 240102  0 ON1M E Net Tow o      81M      UHI  66-24.10S 171-28.45W g DRFT08RR

0310 280102  0 ON1M B Net Tow                 UHI  66-25.04S 171-56.89W g DRFT08RR
0320 280102  0 ON1M E Net Tow o      81M      UHI  66-25.04S 171-57.46W g DRFT08RR

2300 080202  0 ON1M B Net tow                 UHI  54-05.59S 169-32.57W g DRFT08RR
2315 080202  0 ON1M E Net Tow o      81M      UHI  54-05.64S 169-33.07W g DRFT08RR

0310 090202  0 ON1M B Net Tow                 UHI  54-10.33S 169-18.23W g DRFT08RR
0322 090202  0 ON1M E Net Tow o      81M      UHI  54-10.54S 169-17.96W g DRFT08RR

#*** Traps ***
#*** Sediment Traps will be Recovered by MELVILLE During Their Portion of SOFEX

2325 150102  0 TRFV    Sediment trap          MLML 56-03.67S 171-50.40W g DRFT08RR
0259 160102  0 TRFV    Sediment trap          MLML 56-09.40S 171-49.86W g DRFT08RR
0717 190102  0 TRFV    Sediment trap          MLML 55-49.85S 171-55.57W g DRFT08RR
0541 280102  0 TRFV    Sediment trap          MLML 66-24.85S 171-56.38W g DRFT08RR
0810 280102  0 TRFV    Sediment trap          MLML 66-35.66S 172-12.42W g DRFT08RR
0322 100202  0 TRFV    Sediment trap          MLML 54-12.26S 169-14.46W g DRFT08RR

#*** Expendable Bathythermographs ***

1948 060102  0 BTXP   MK12  #135 Fast_Deep GDC  44-53.88S 175-37.55E g DRFT08RR
2143 070102  0 BTXP   MK12  #136 Fast_Deep GDC  47-56.00S 178-28.47W g DRFT08RR
0922 090102  0 BTXP   MK12  #137 Fast_Deep GDC  51-32.50S 172-35.46W g DRFT08RR
0002 100102  0 BTXP   MK12  #138 Fast_Deep GDC  54-17.23S 172-00.12W g DRFT08RR
0604 100102  0 BTXP   MK12  #139 Fast_Deep GDC  55-24.79S 172-00.06W g DRFT08RR
1927 190102  0 BTXP   MK12  #140 Fast_Deep GDC  56-57.55S 171-41.62W g DRFT08RR
0841 200102  0 BTXP   MK12  #141 Fast_Deep GDC  59-25.70S 171-12.47W g DRFT08RR
2326 200102  0 BTXP   MK12  #142 Fast_Deep GDC  61-58.07S 170-41.37W g DRFT08RR
2028 210102  0 BTXP   MK12  #143 Fast_Deep GDC  65-07.31S 170-17.58W g DRFT08RR
0827 230102  0 BTXP   MK12  #144 Fast_Deep GDC  66-35.33S 170-47.74W g DRFT08RR
2328 260102  0 BTXP   MK12  #145 Fast_Deep GDC  66-25.67S 171-56.41W g DRFT08RR
0222 060202  0 BTXP   MK12  #146 Fast_Deep GDC  63-12.26S 171-26.67W g DRFT08RR
1925 060202  0 BTXP   MK12  #147 Fast_Deep GDC  59-53.85S 170-41.63W g DRFT08RR
0543 070202  0 BTXP   MK12  #148 Fast_Deep GDC  57-58.38S 170-17.45W g DRFT08RR
2023 070202  0 BTXP   MK12  #149 Fast_Deep GDC  55-03.92S 169-43.42W g DRFT08RR
0643 100202  0 BTXP   MK12  #150 Fast_Deep GDC  53-45.06S 170-06.20W g DRFT08RR
2026 110202  0 BTXP   MK12  #151 Fast_Deep GDC  48-38.98S 178-55.93W g DRFT08RR
2036 120202  0 BTXP   MK12  #152 Fast_Deep GDC  45-15.74S 175-42.51E g DRFT08RR

#                          End Sample Index                          DRFT08RR
```