Report and Index of

Underway Marine Geophysical Data

Hahnaro Expedition

Leg 17

(HNRO17RR)

R/V Revelle

(Issued October 2000)

Ports:
KaoHsiung, Taiwan (8 May 2000)
to
Honolulu, Hawaii (20 May 2000)

Transit Leg: No Chief Scientist on board

Computer Tech – Marc Silver
No Resident Marine Tech on board

Post–Cruise processing and report preparation by the
Geological Data Center, Scripps Institution of Oceanography
La Jolla, CA 92093–0223

GDC Cruise ID# 285

Report and Index of Navigation
and Underway Geophysical Data

Processed by the Geological Data Center
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

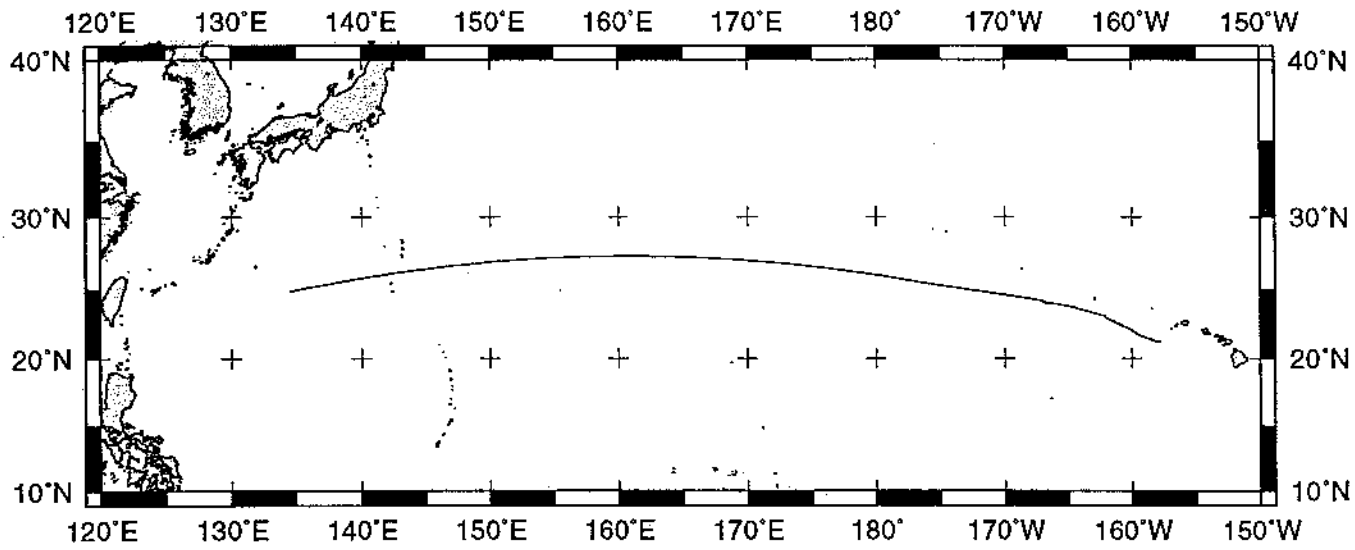
Profiles – depth, magnetic and gravity free air anomaly vs. distance. (Sections of track with seismic reflection data have a wide black line along the botttom of the profile.)

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: One or more of the underway data types may not be collected on a given leg. For information on the availability and reproduction costs of data in the following forms, contact the Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093–0223. Phone: (858)534–2752, Fax: (858)534–6500, internet email: ualbright@ucsd.edu or gwells@ucsd.edu

1. Files via ftp or on 8mm (Exabyte) magnetic tape or CDrom:
   a) Separate time series ASCII files of navigation, single beam depth, gravity and magnetics.
   b) Above data in a single merged ASCII file in the MGD77 Exchange Format.
   c) SeaBeam depth data (binary, Sun byte order)
   d) SeaBeam Sidescan data.
2. Microfilm (35mm flowfilm) or hard copies of:
   a) Underway watch log
   b) SeaBeam vertical beam profile/Sidescan records.
   c) 3.5 kHz and 12 kHz echosounder records.
   d) Seismic reflection profiler records.
3. Navigation abstract listing with times and positions of major course and speed changes.
4. Custom plots in Mercator projection:
   a) Track plots.
   b) SeaBeam depth contour plots.
   c) Depths, magnetic or gravity values printed or profiled along track.

Rev 6/2000



HAHNARO EXPEDITION LEG 17 (HNRO17RR)

TRANSIT Leg: No Chief Scientist on board

PORTS: KaoHsiung, Taiwan - Honolulu, Hawaii

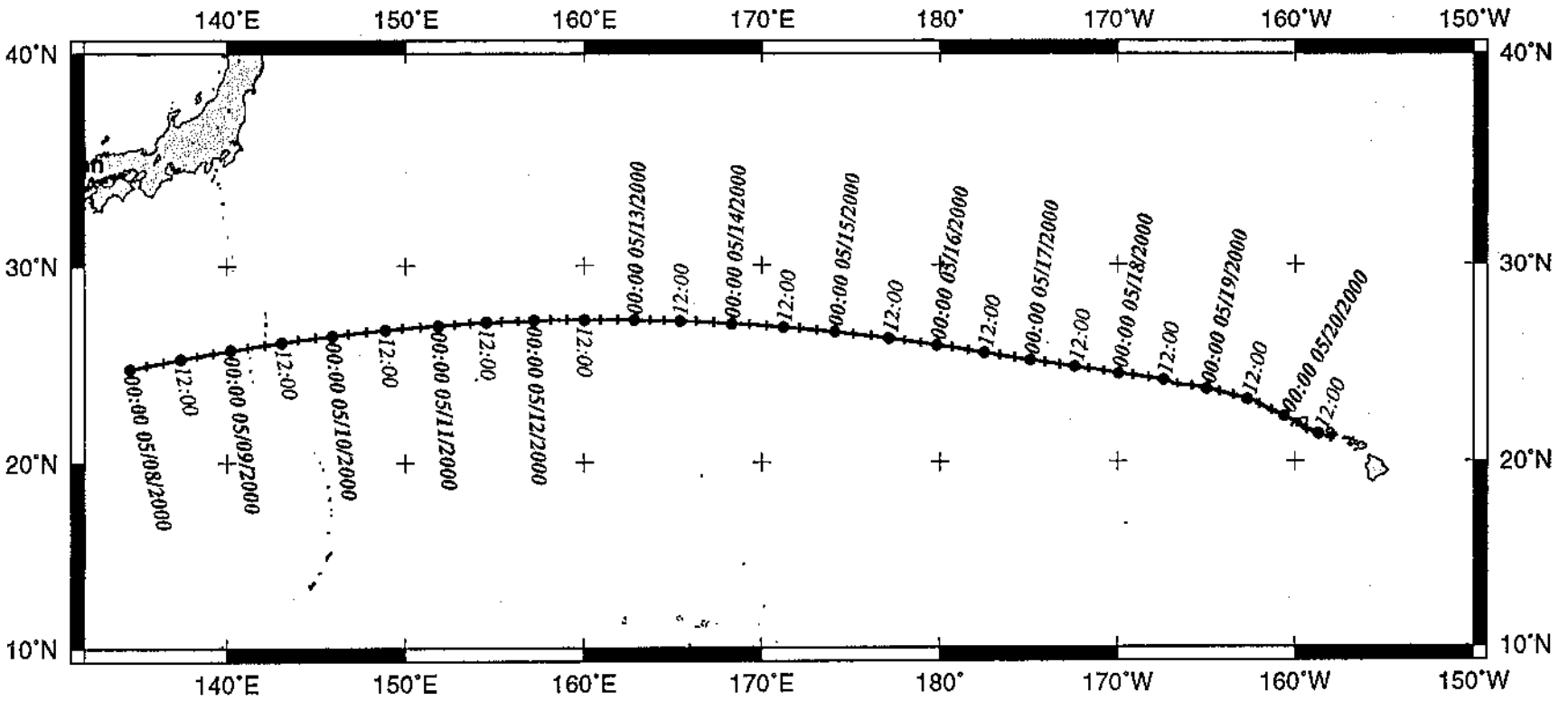
DATES: 08 - 20 May 2000

SHIP: R/V Revelle

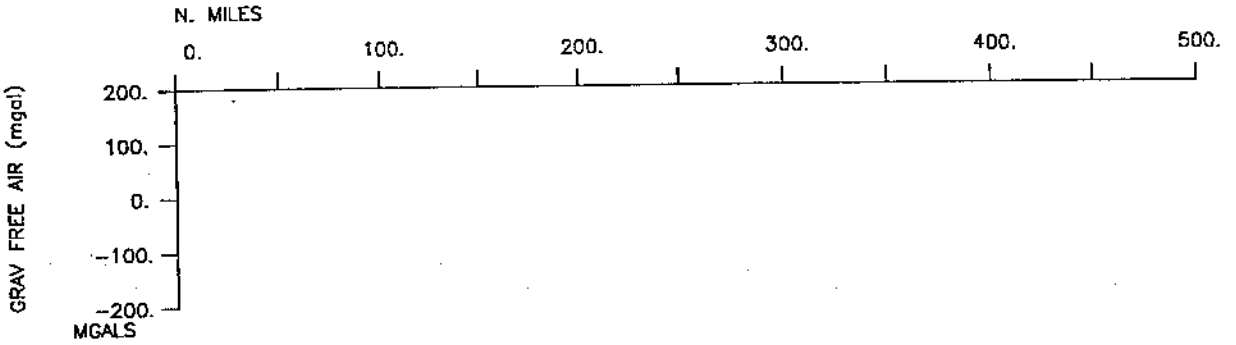
TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-3719 miles	**Magnetics-none collected**
Bathymetry-2534 miles	**Seismic Reflection-none collected**
Sea Beam-2534 miles	**Gravity-none collected**

HAHNARO Leg 17 Track



GMT Aug 3 15:30 :Kaoschung, Taiwan - Honolulu, Hawaii 08 - 20 May 2000: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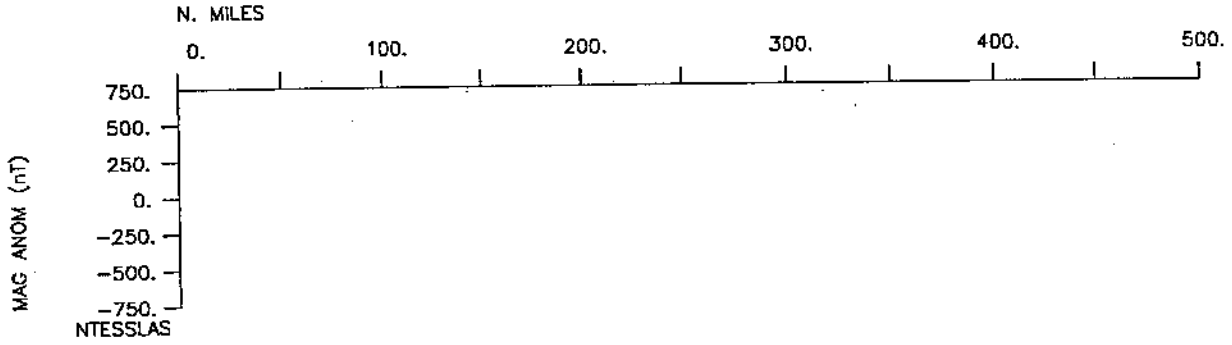
MGALS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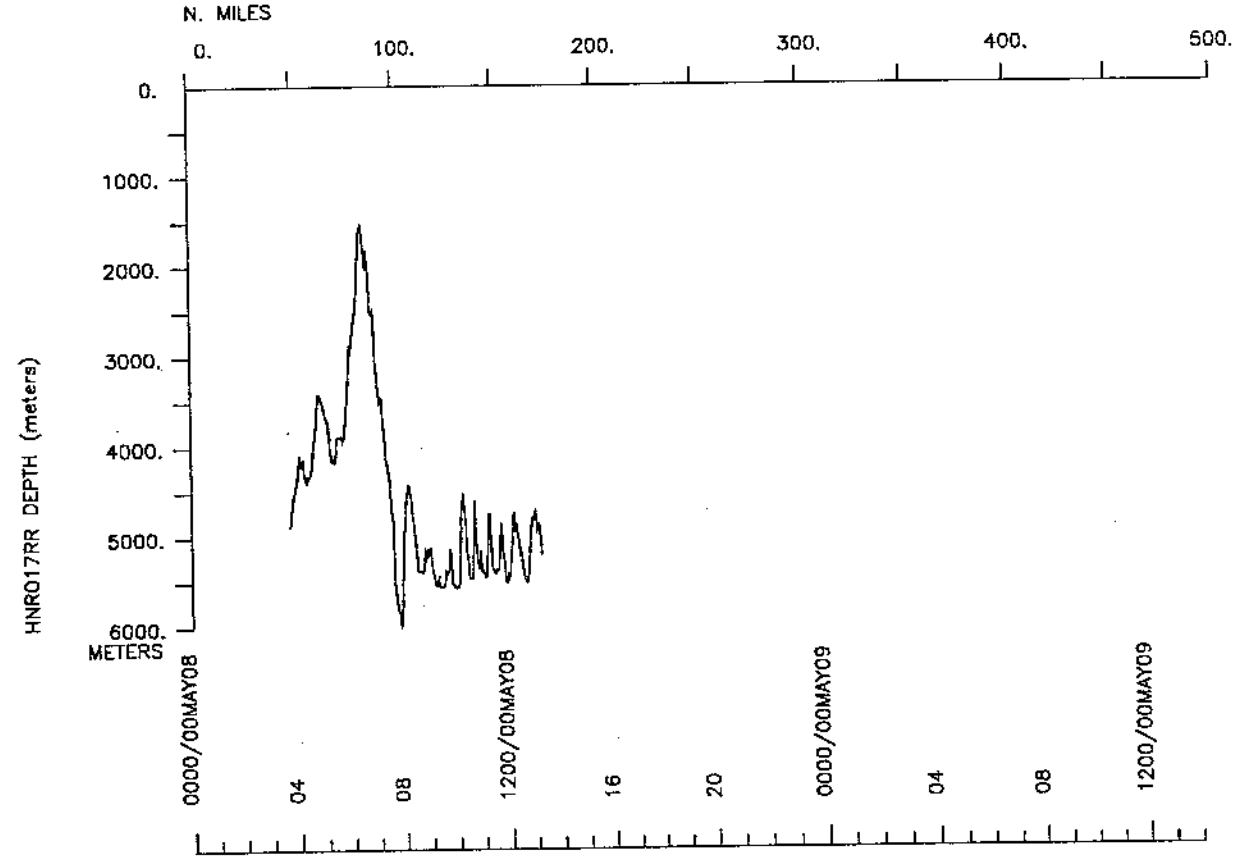
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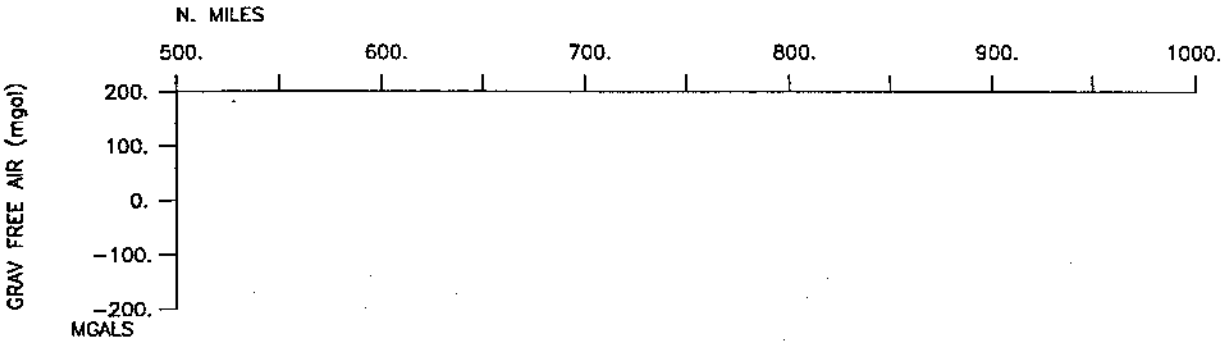
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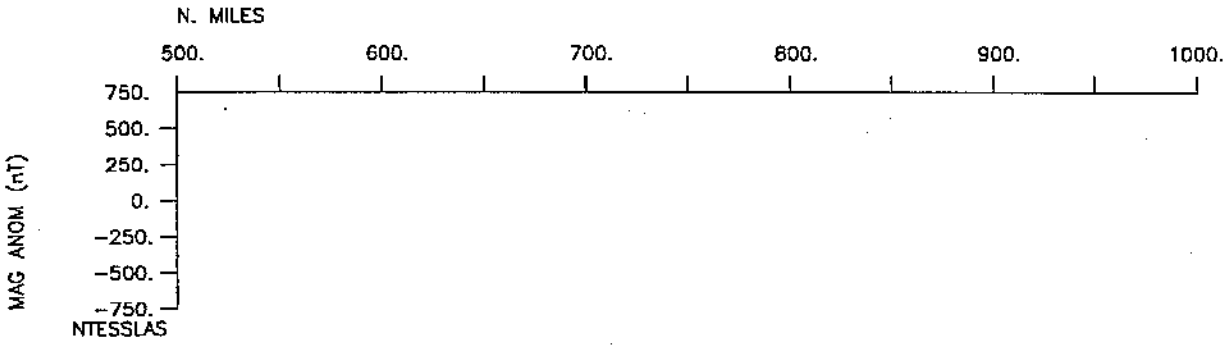
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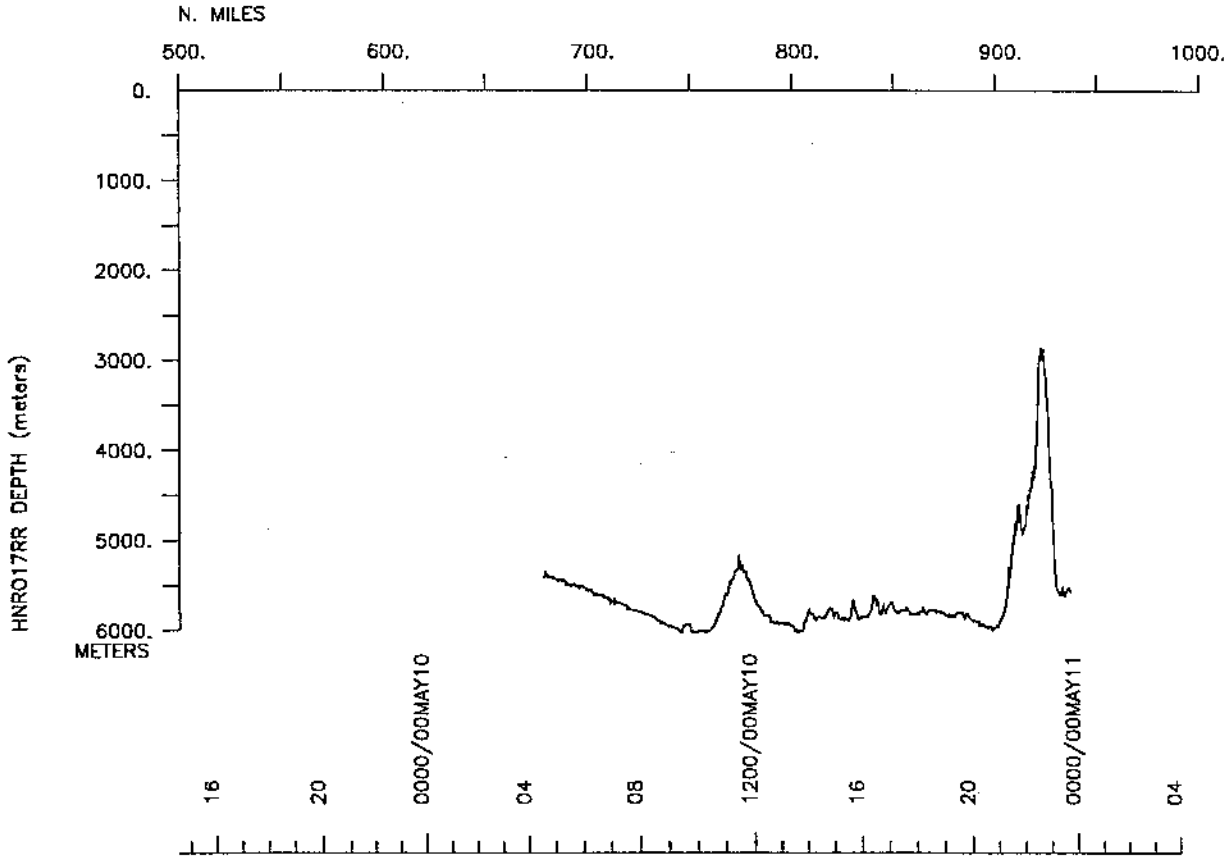
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0000/00MAY11
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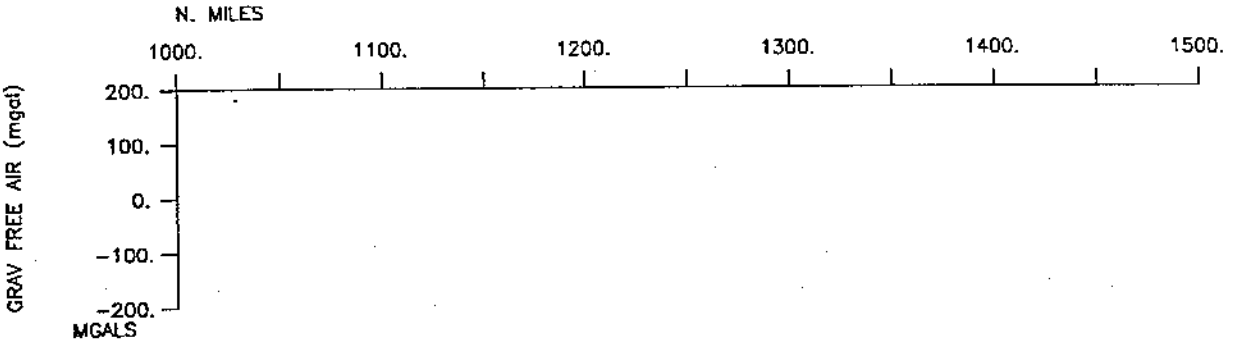
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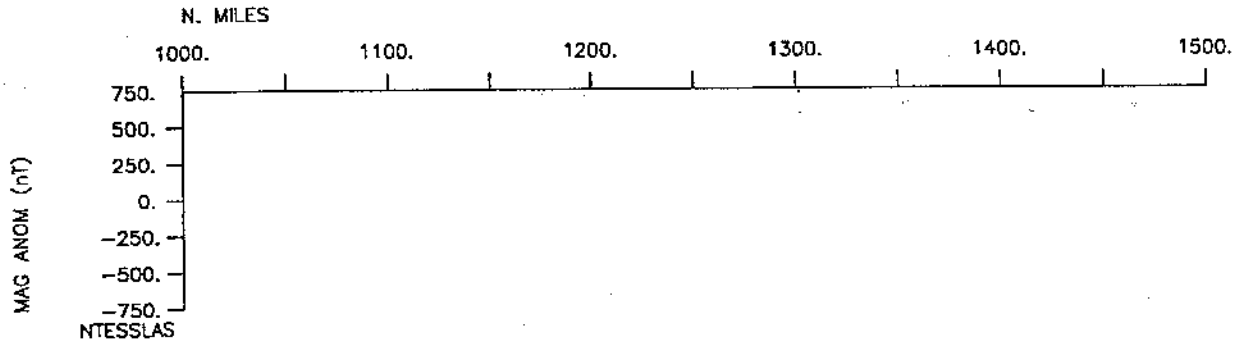
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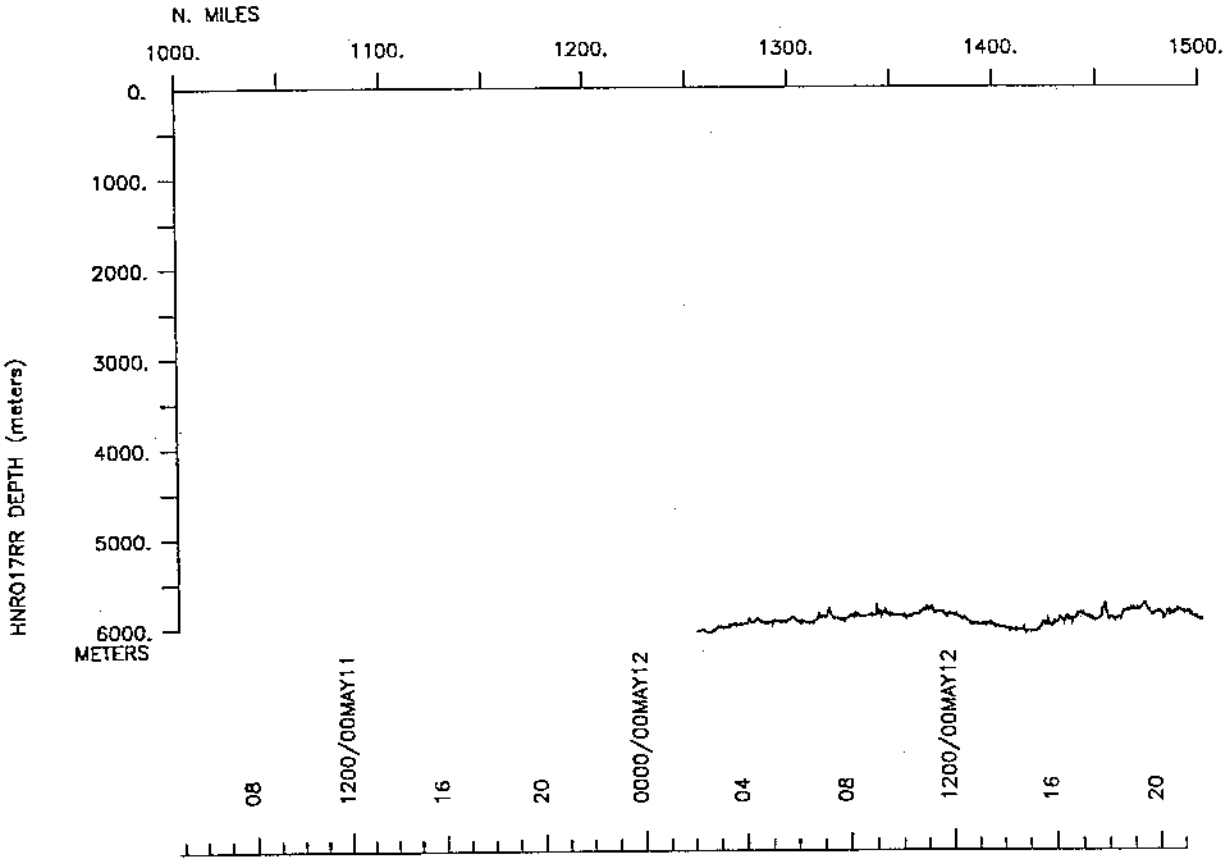
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0000/00MAY12
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1200/00MAY12
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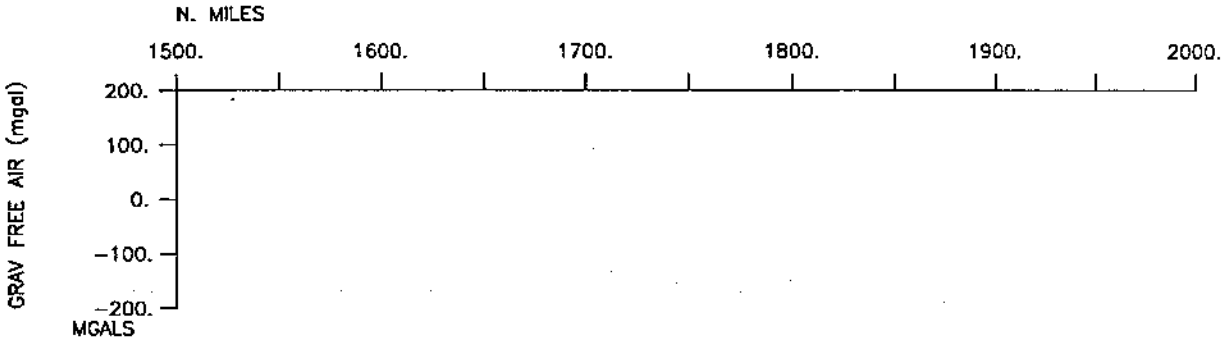
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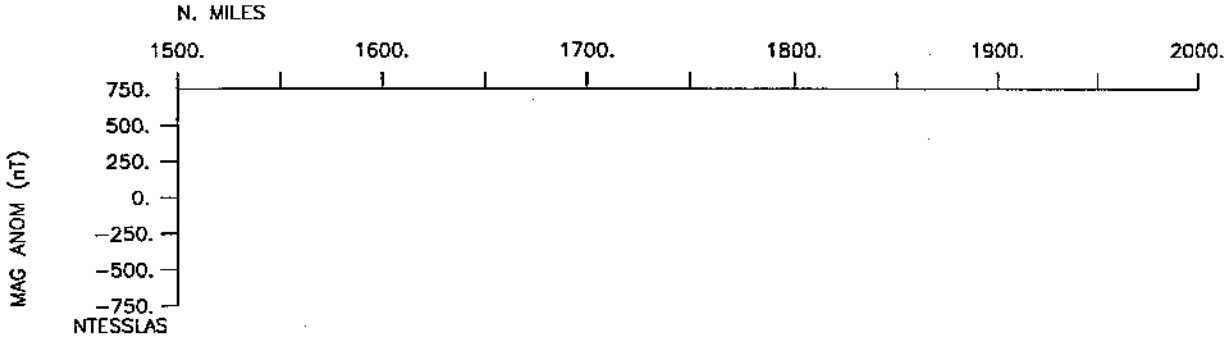
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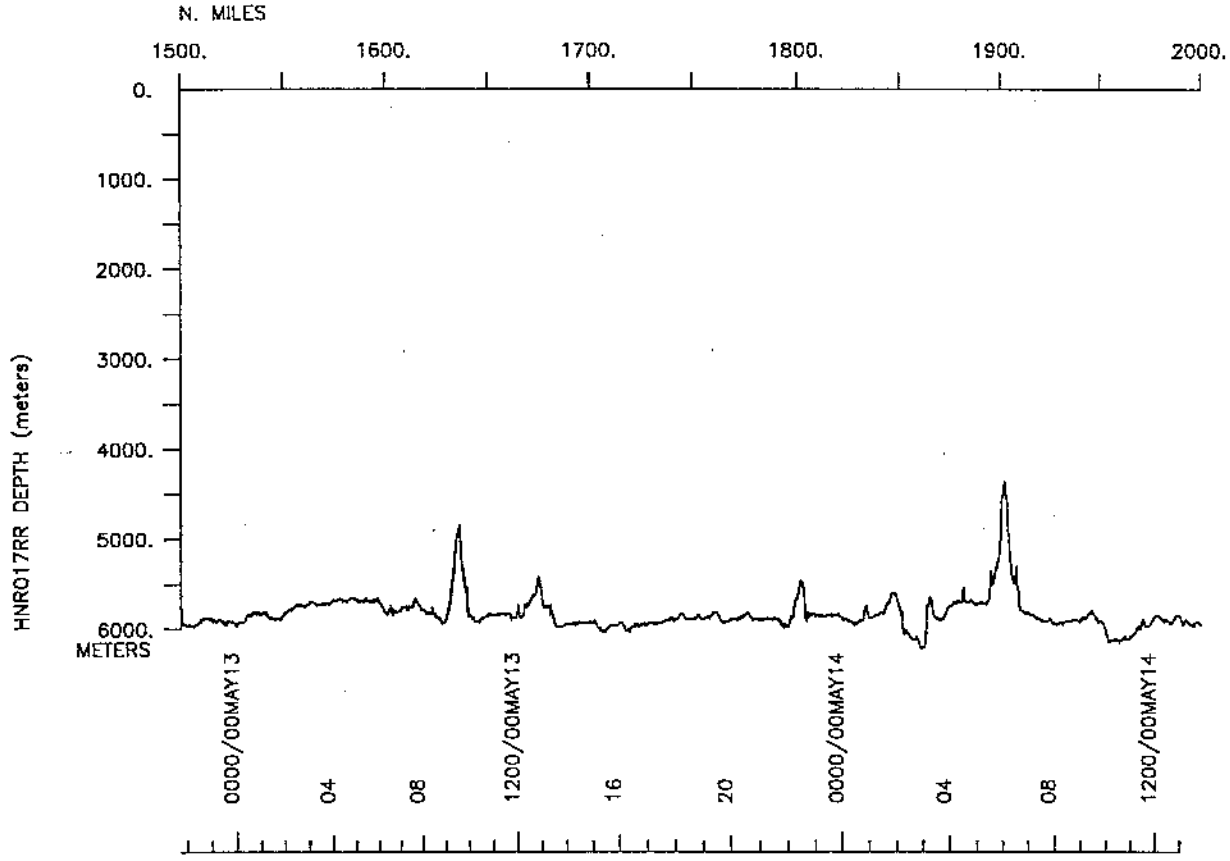
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08
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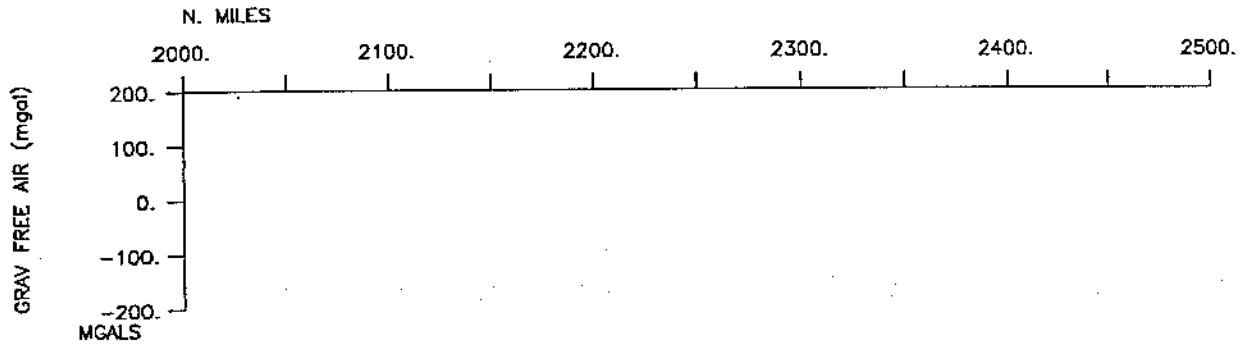
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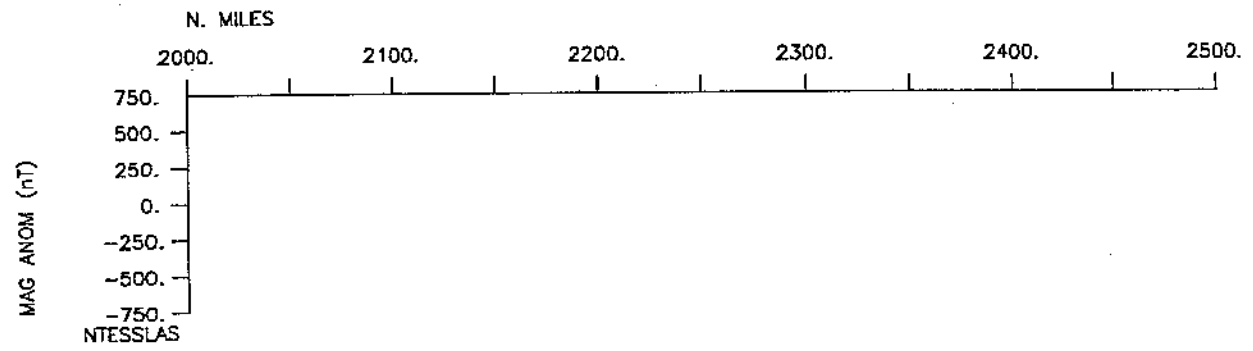
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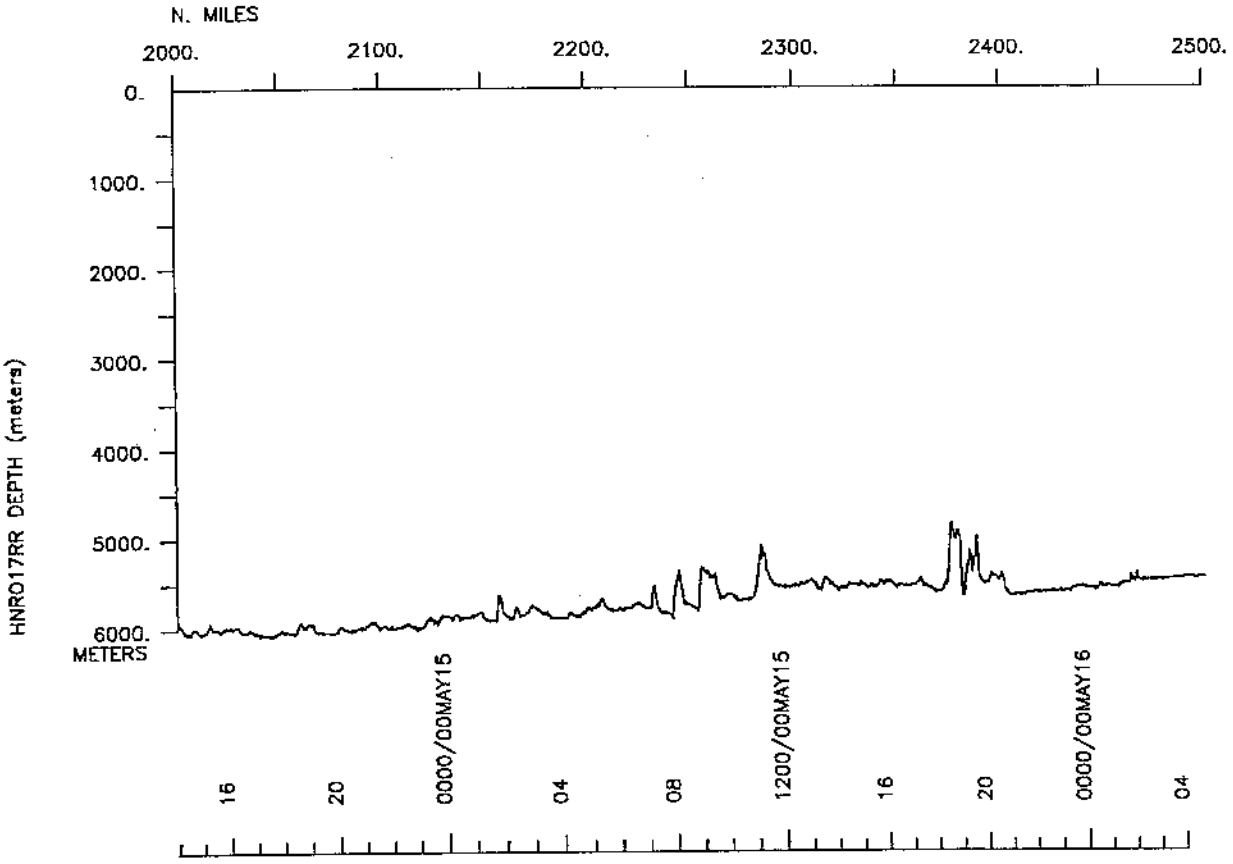
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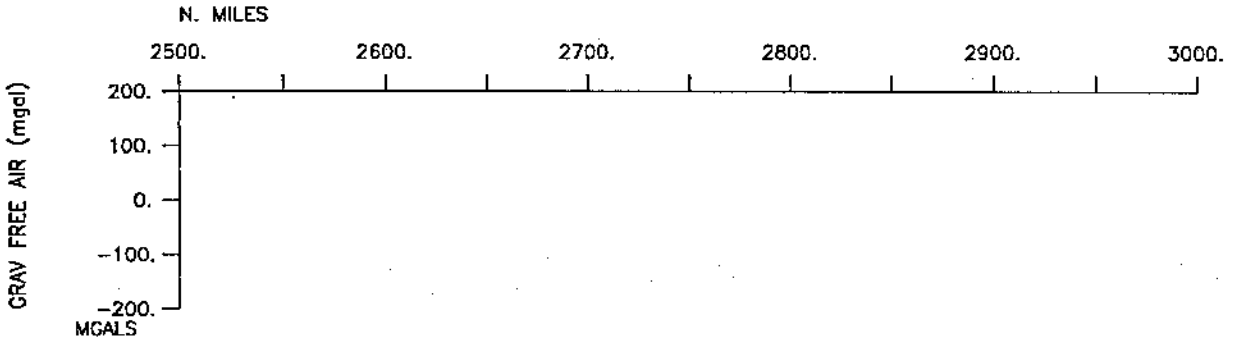
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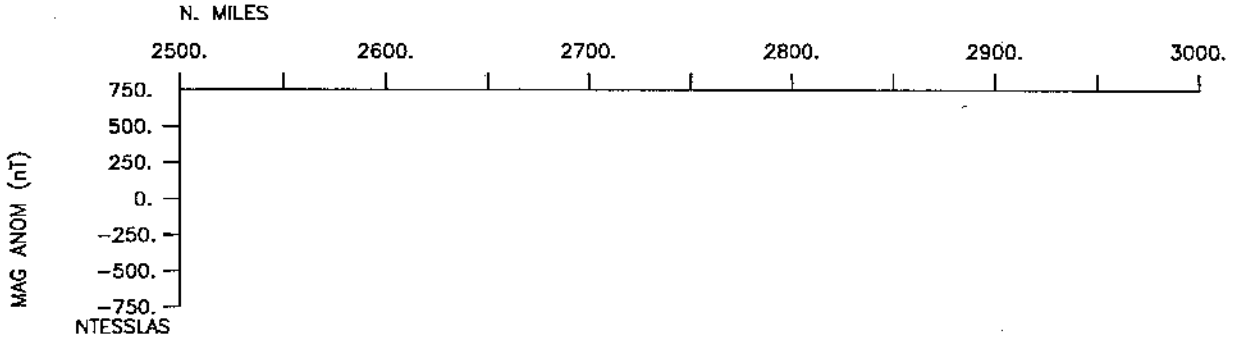
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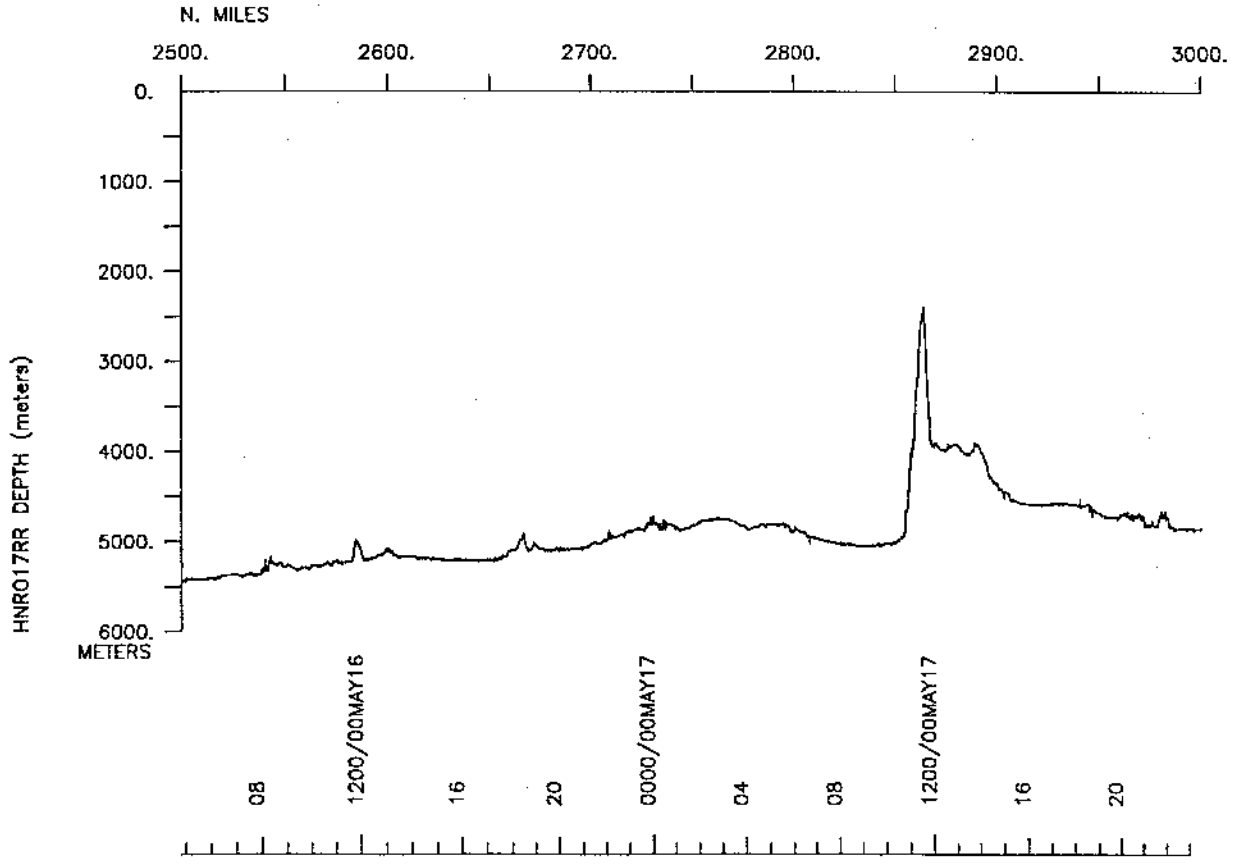
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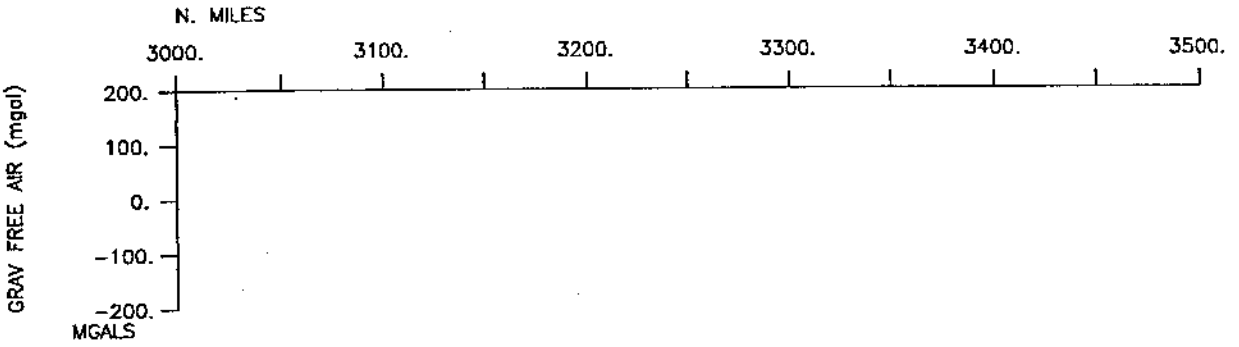
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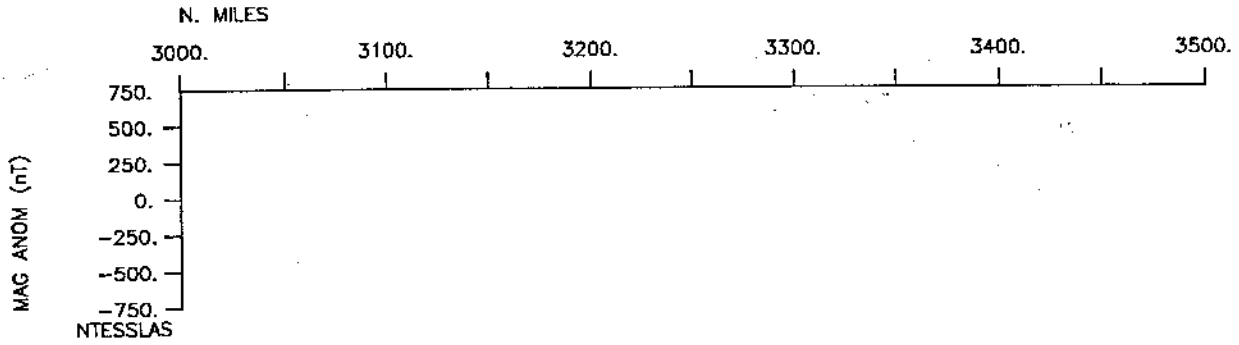
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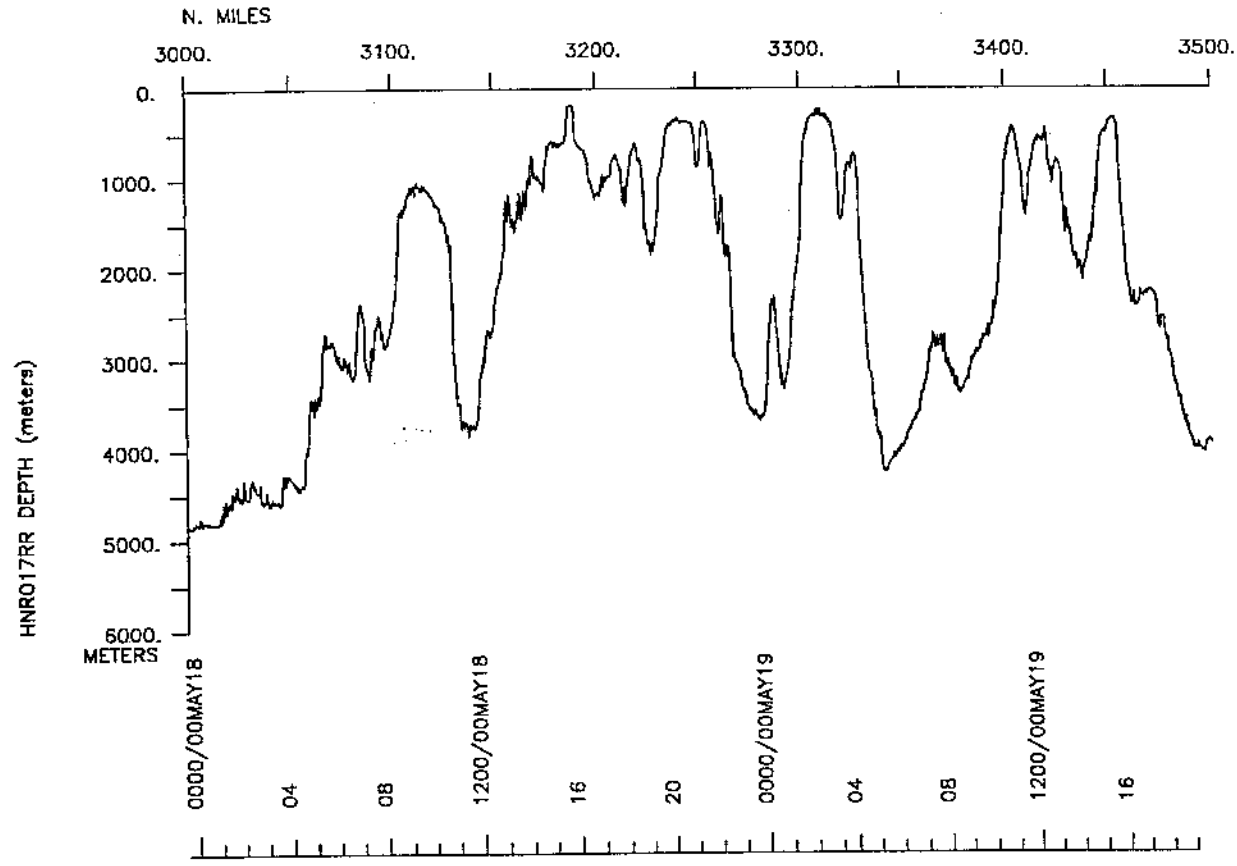
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4000.
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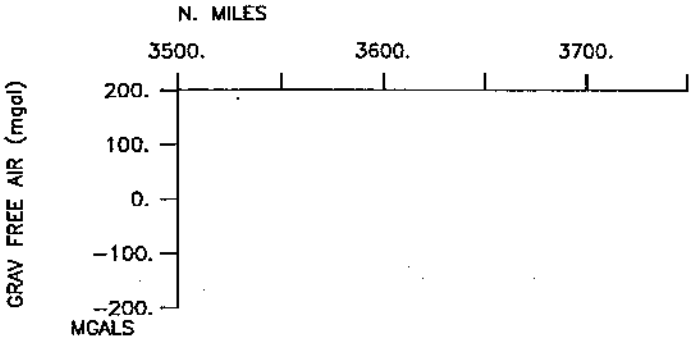
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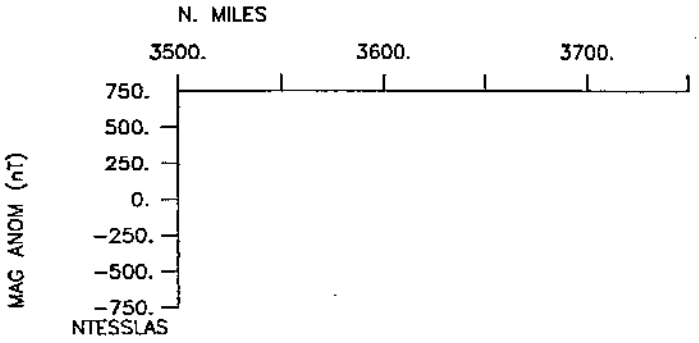
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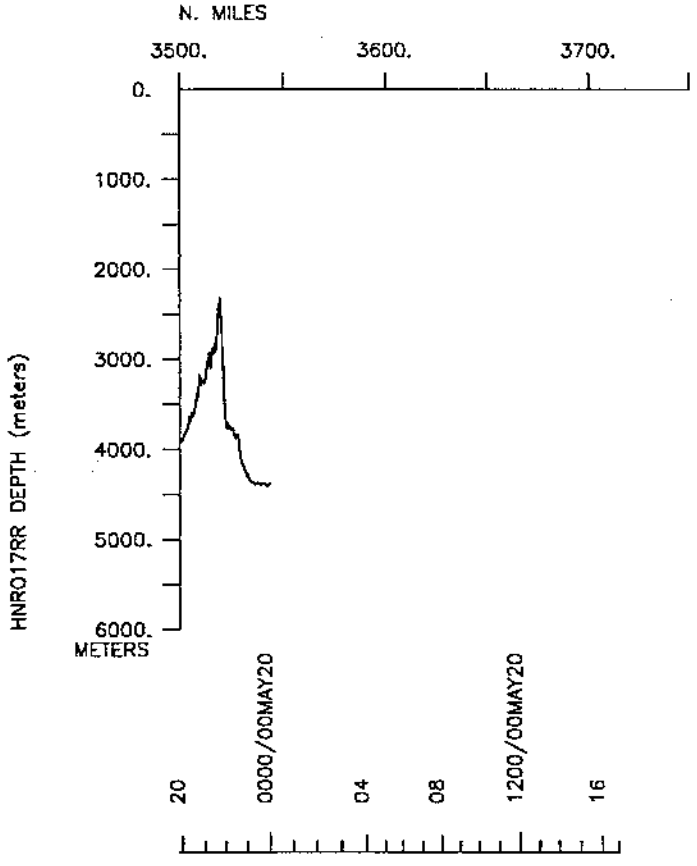
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1000.
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3000.
4000.
5000.
6000.
METERS
20
0000/00MAY20
04
08
1200/00MAY20
16

S.I.O. Sample Index

Hahnaro Expedition

Leg 17

(HNRO17RR)

R/V Revelle

(Issued October 2000)

PORTS:

KaoHsiung, Taiwan (8 May 2000)
to
Honolulu, Hawaii (20 May 2000)

Transit Leg: No Chief Scientist on board

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. Geological Data Center 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 Geological Data Center.)

GDC Cruise ID# 285

```
#*** Ports ***

2356 080500     LGPT B KaoHsiung, Taiwan          22-38.00N 120-16.00E f HNRO17RR
1720 200500     LGPT E Honolulu, Hawaii           21 18.00N 157 52.09W f HNRO17RR


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

PESP SIO  Silver, M.           Computer tech      Scripps Institution  HNRO17RR


#*** 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 - Geological Data Center  ext. 42752 ***

#*** SeaBeam Records ***

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#                    End Sample Index                                 HNRO17RR
```