Report and Index of

Underway Marine Geophysical Data

Drift Expedition

Leg 4

(DRFT04RR)

R/V Revelle

(Issued January 2002)

Ports:
Puerta Caldera, Costa Rica (23 August 2001)
to
Puerta Caldera, Costa Rica (25 September 2001)

Chief Scientist: Mark Kurz
Woods Hole Oceanographic Institution
mkurz@whoi.edu

Computer Tech – Dan Jacobson
Resident Tech – Gene Pillard

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
<u>and Underway Geophysical Data</u>

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.

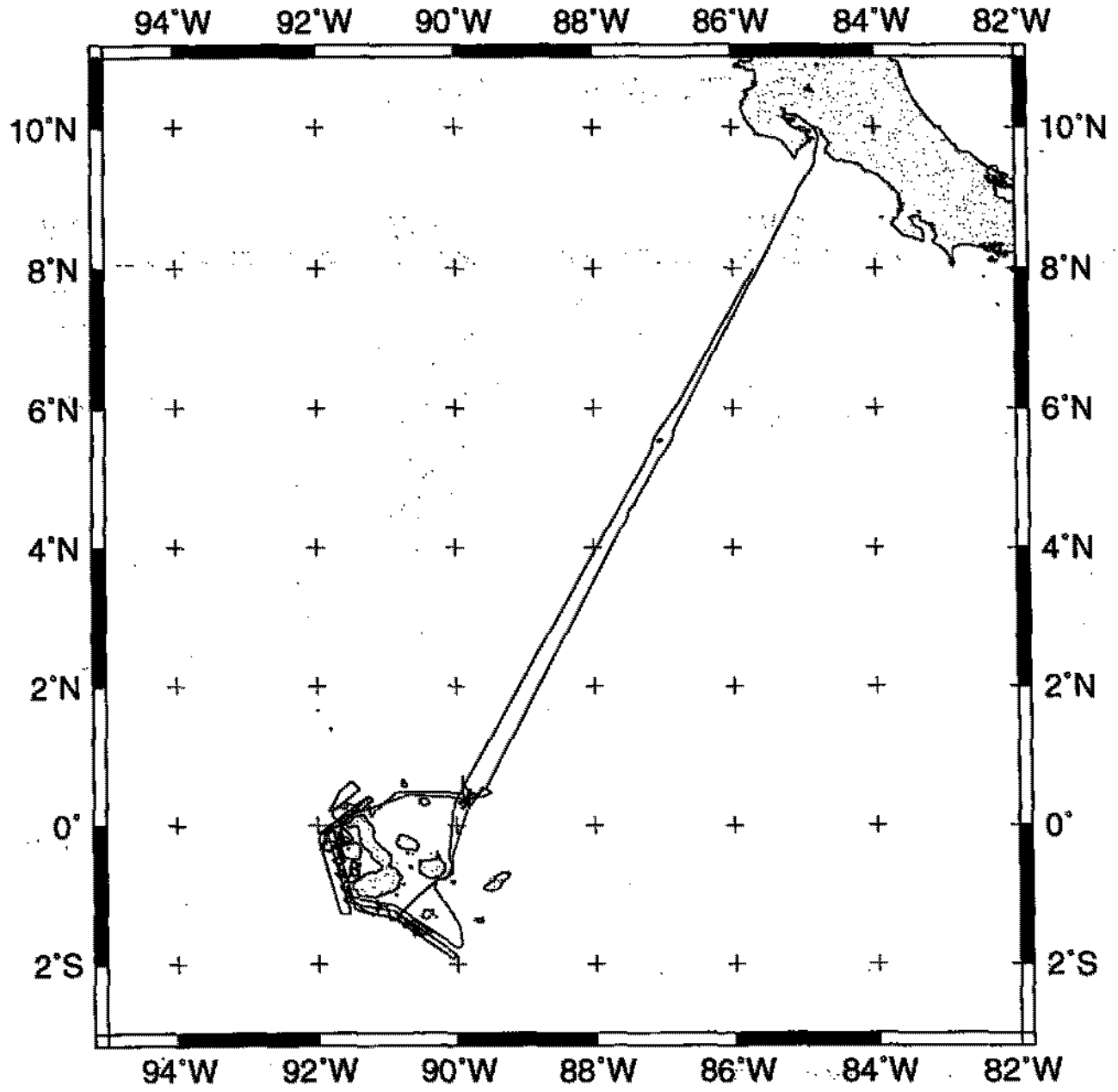
Track Charts– annotated with dates and hour ticks

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 4 (DRFT04RR)

CHIEF SCIENTIST: Mark Kurz (Woods Hole)

PORTS: Puerta Caldera - Puerta Caldera, Costa Rica

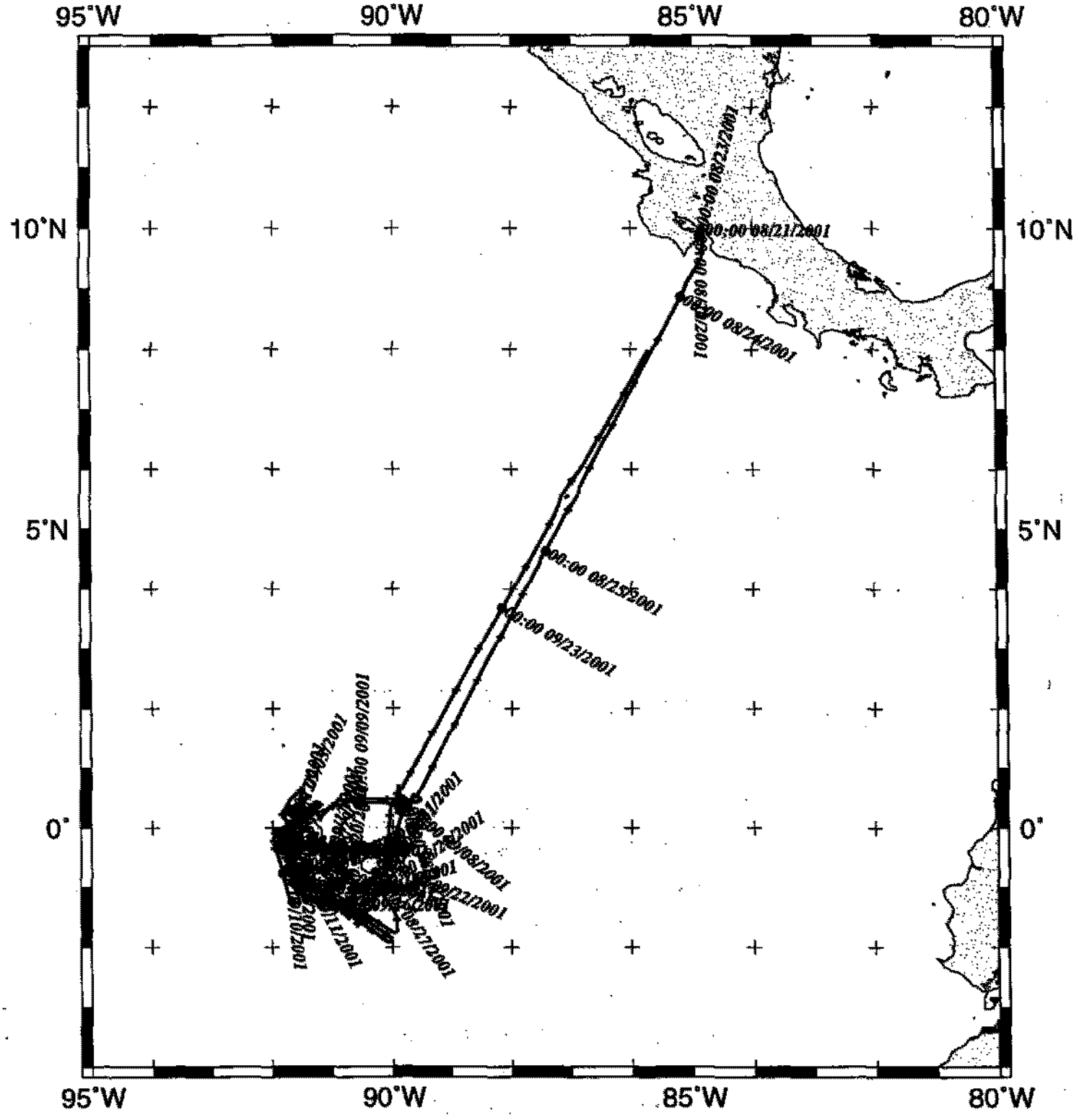
DATES: 23 August - 25 September 2001

SHIP: R/V Revelle

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

Cruise-3586 miles	**Magnetics-none collected**
Bathymetry-3183 miles	**Seismic Reflection-none collected**
Sea Beam-3183 miles	**Gravity-3553 miles**

DRIFT-RR leg 4 Track



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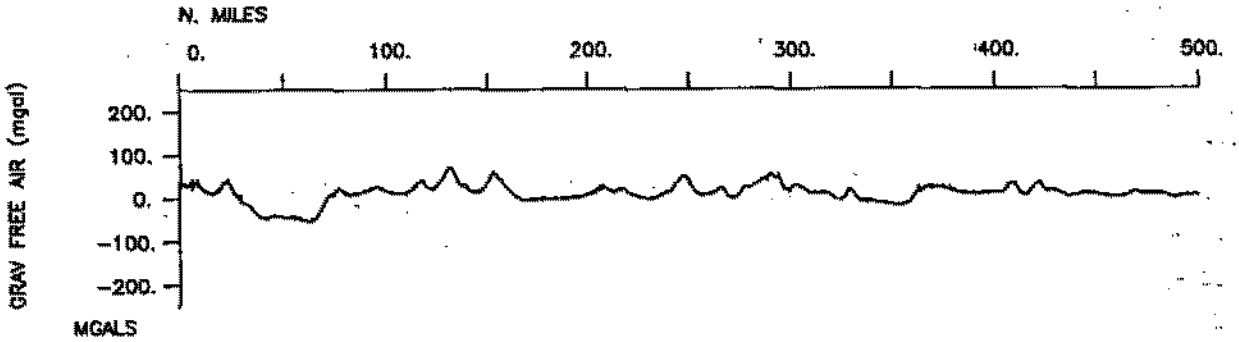
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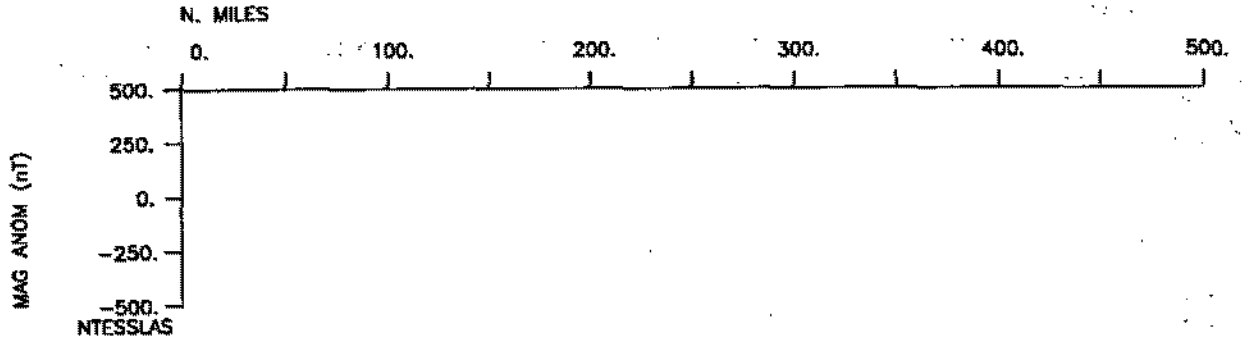
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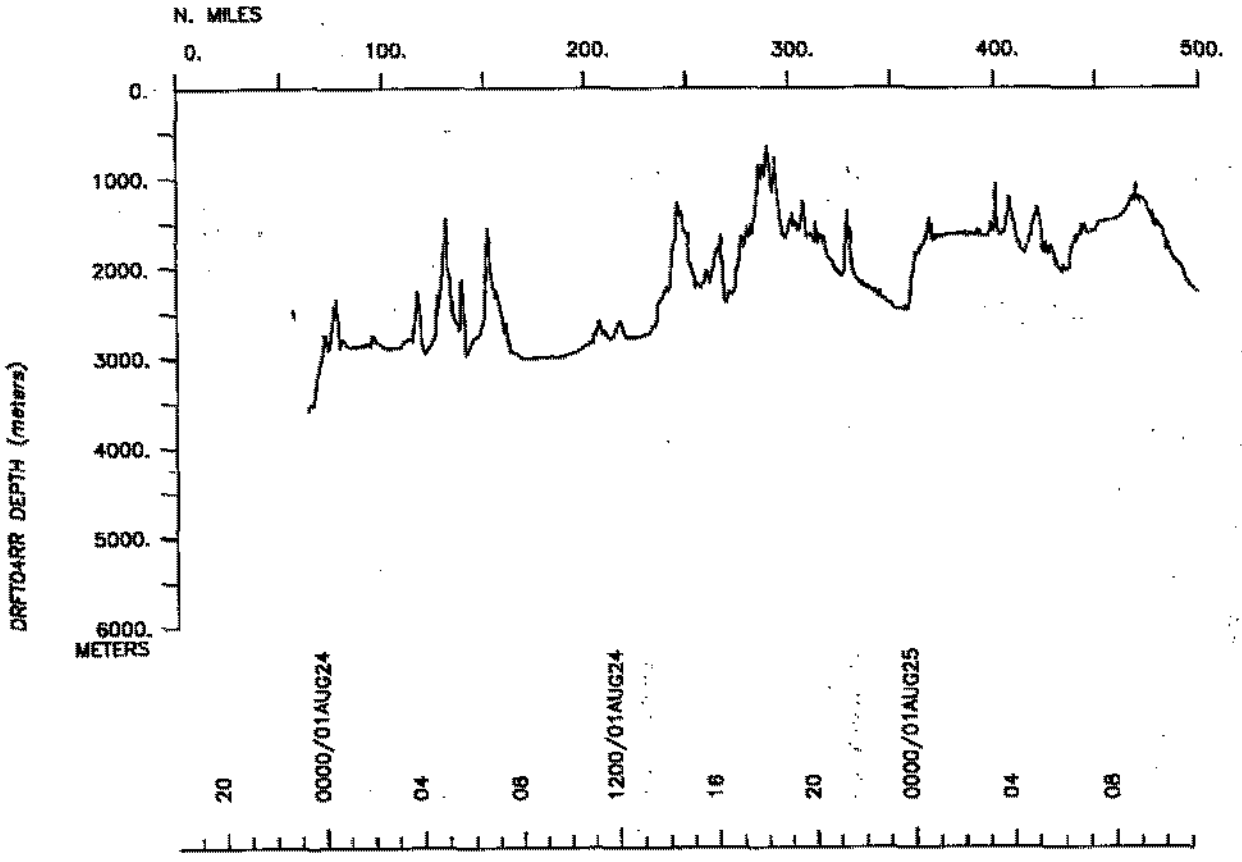
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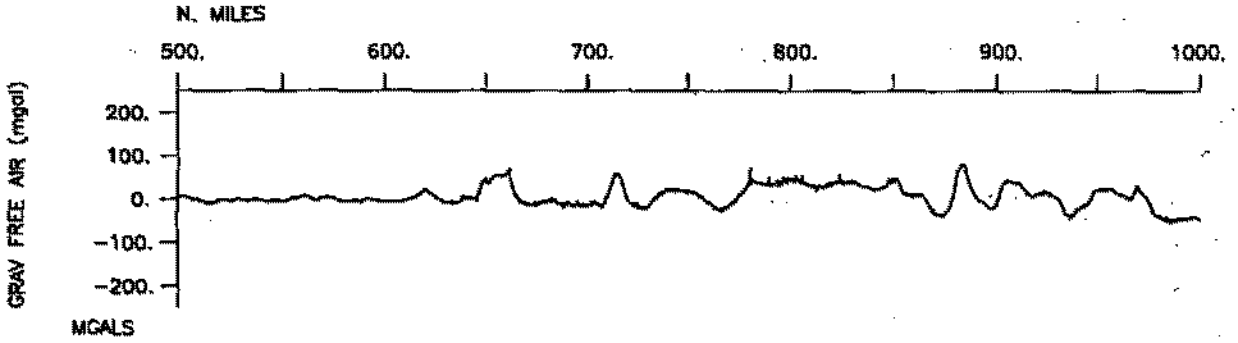
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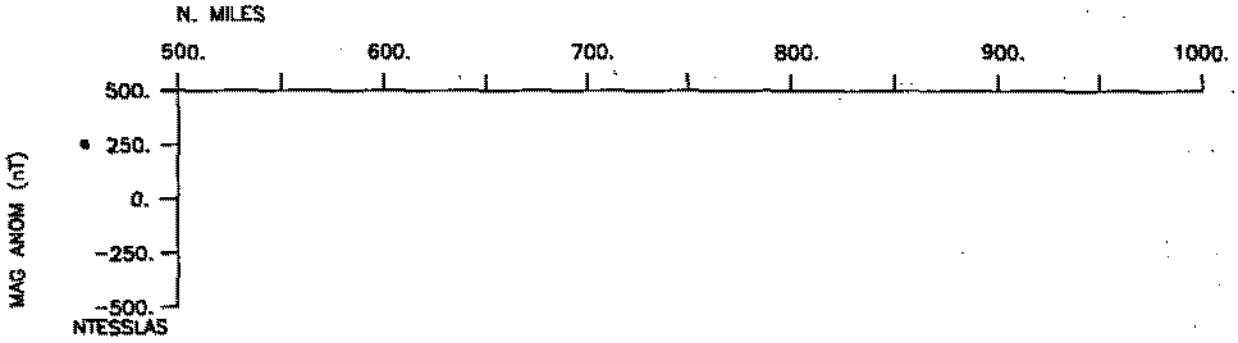
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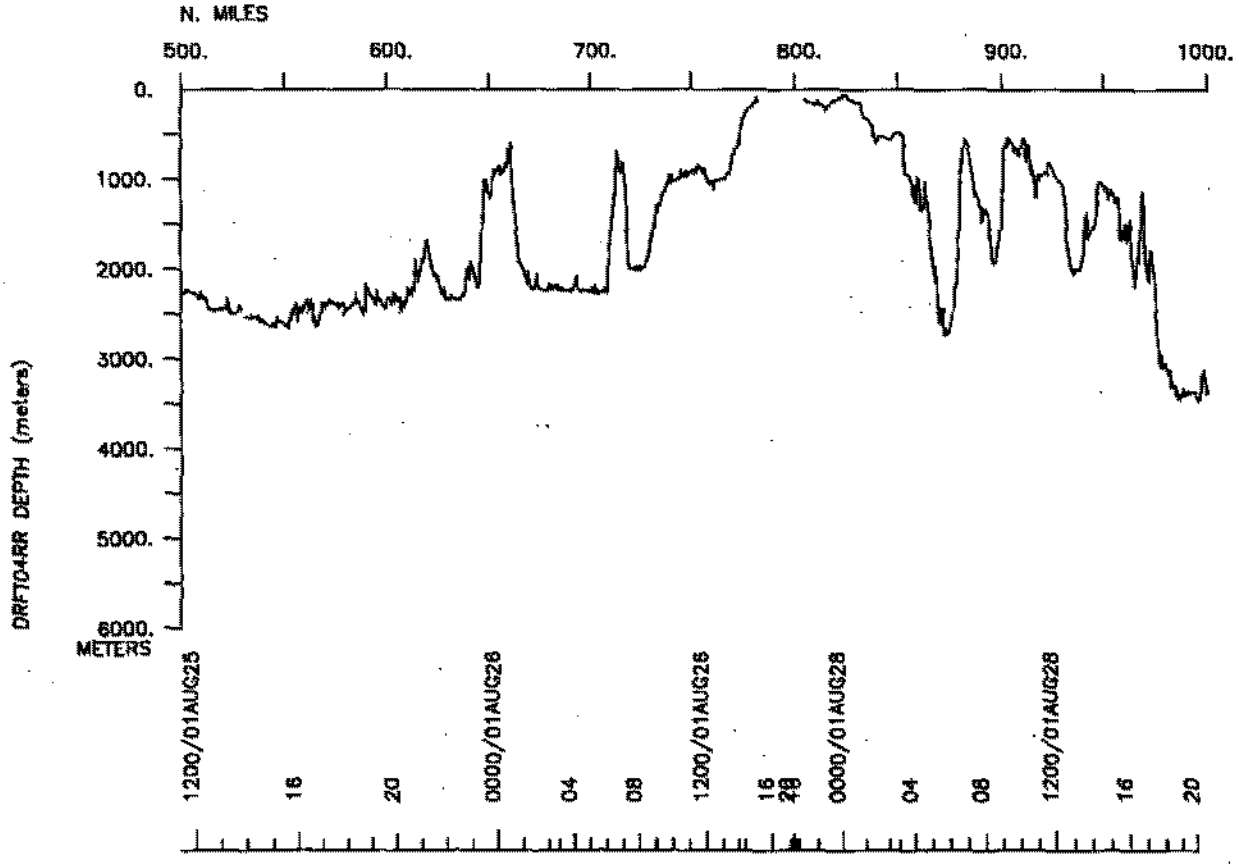
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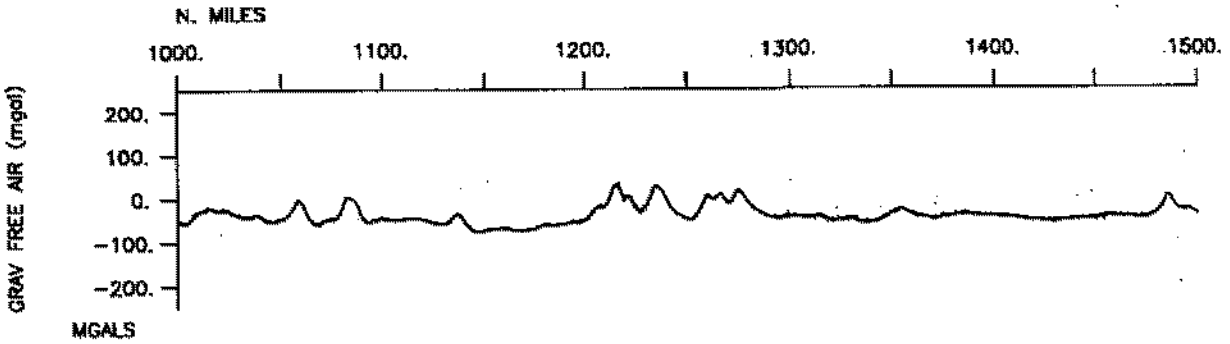
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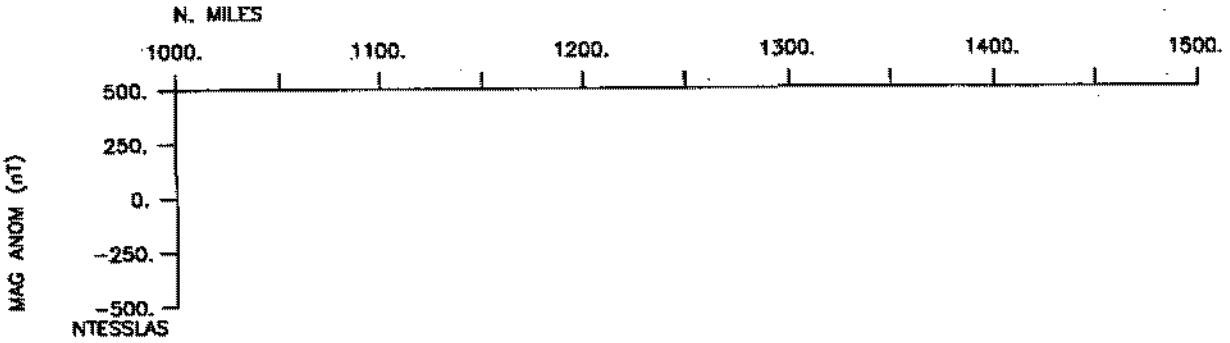
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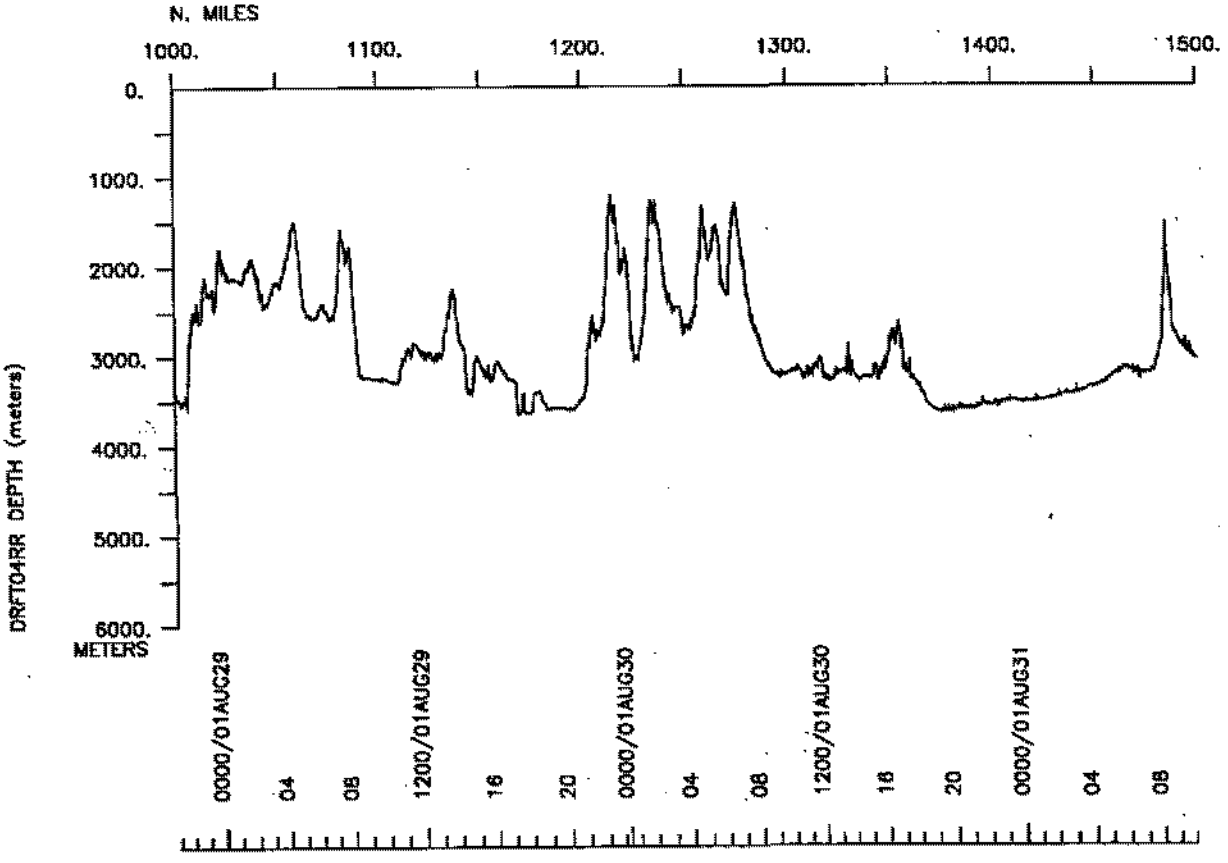
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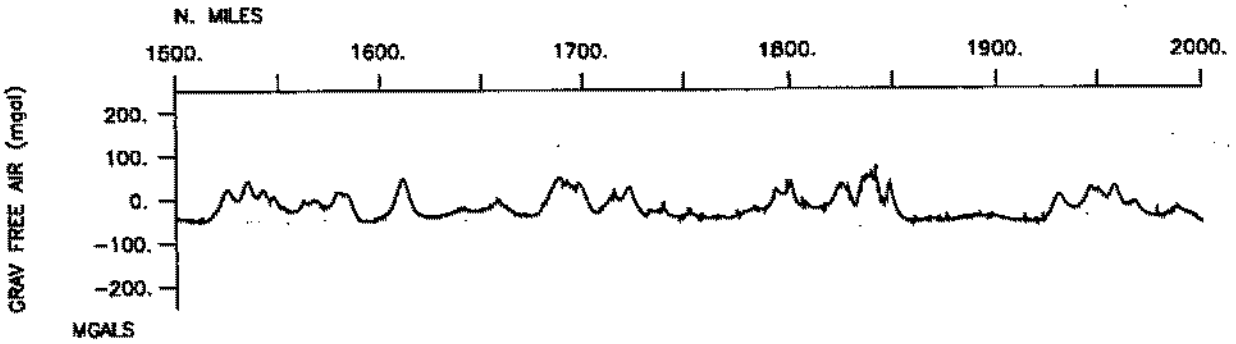
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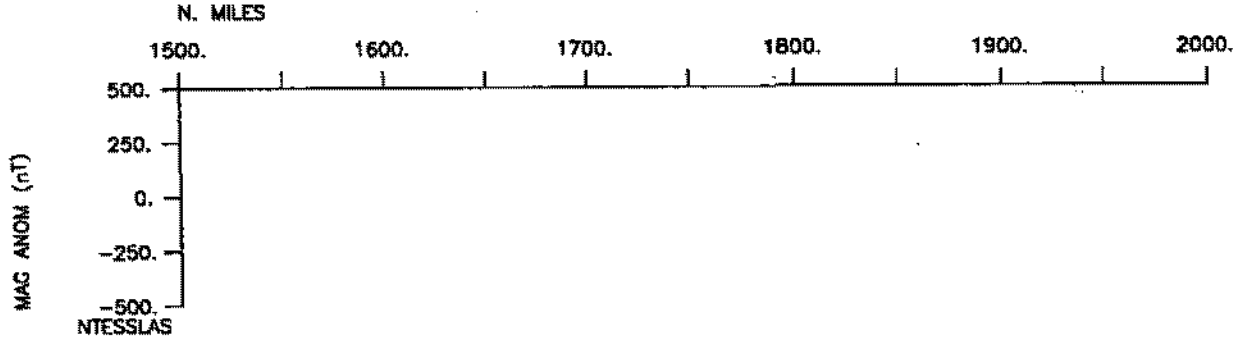
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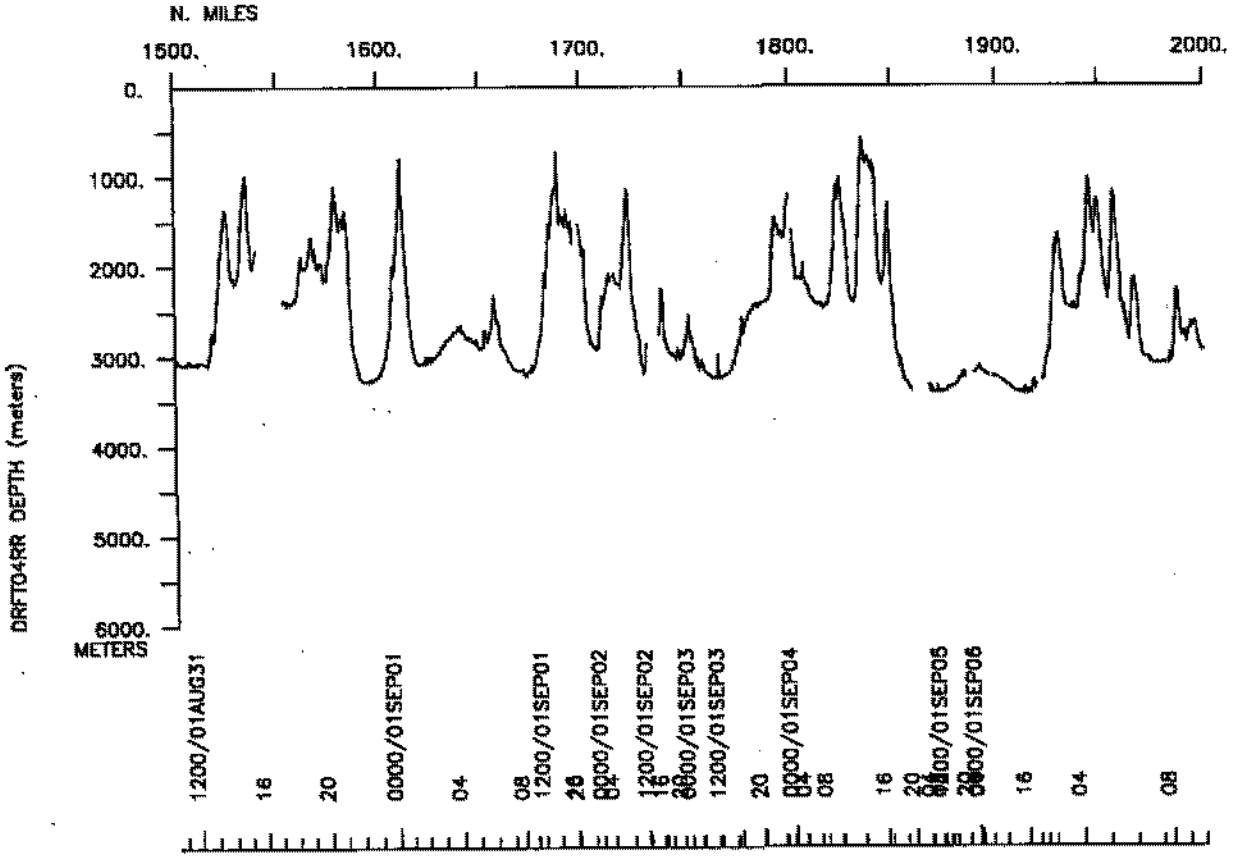
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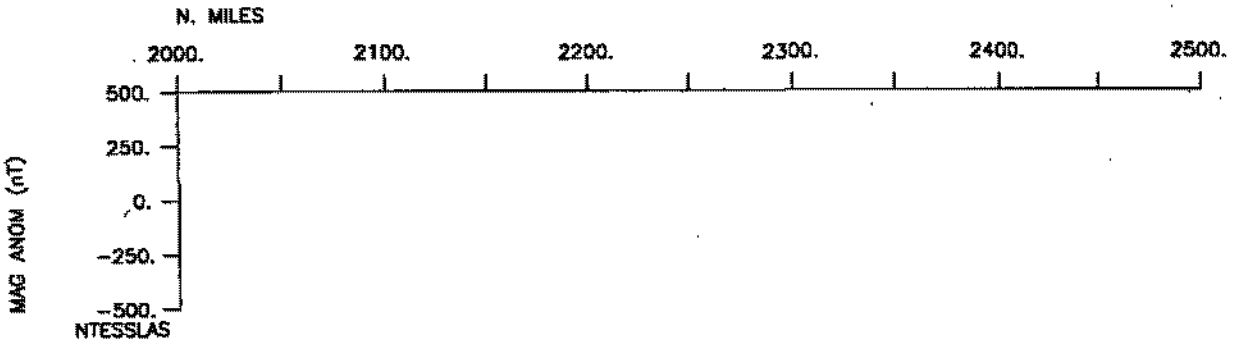
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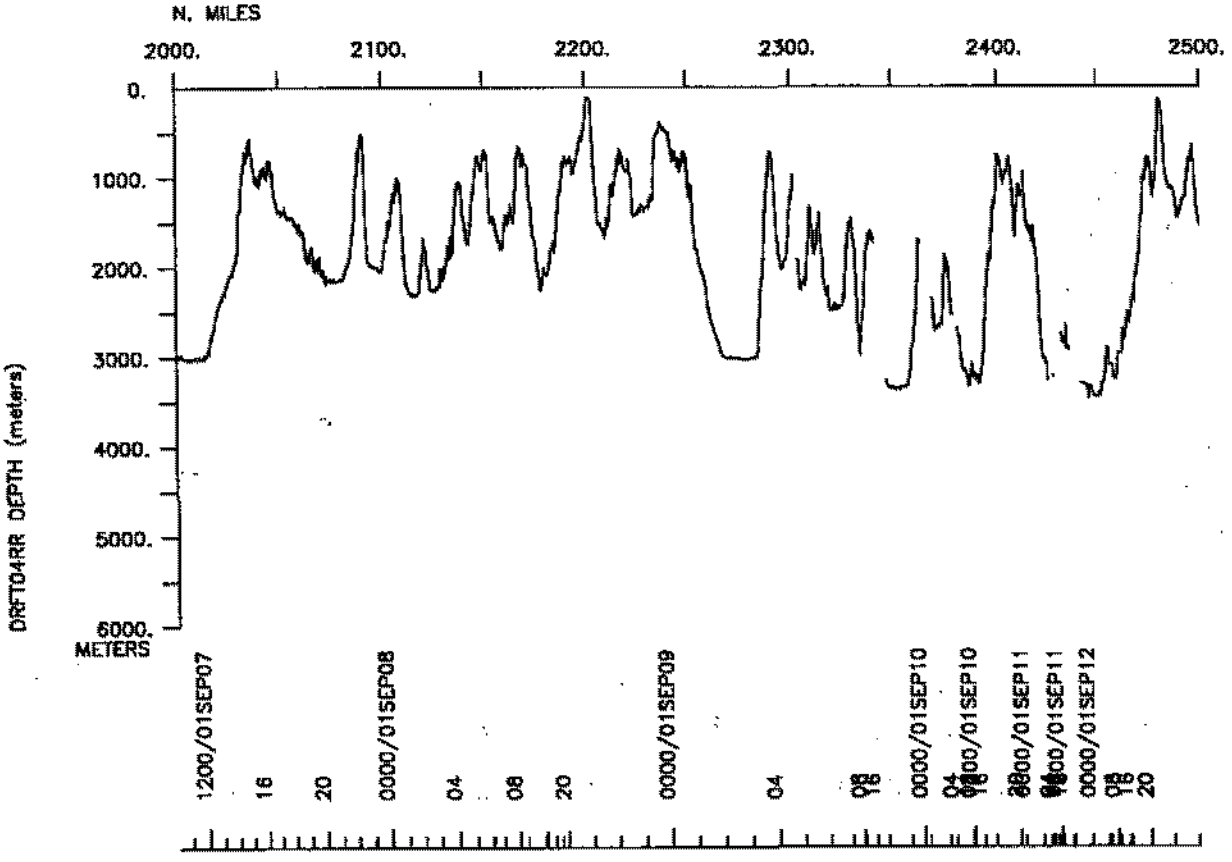
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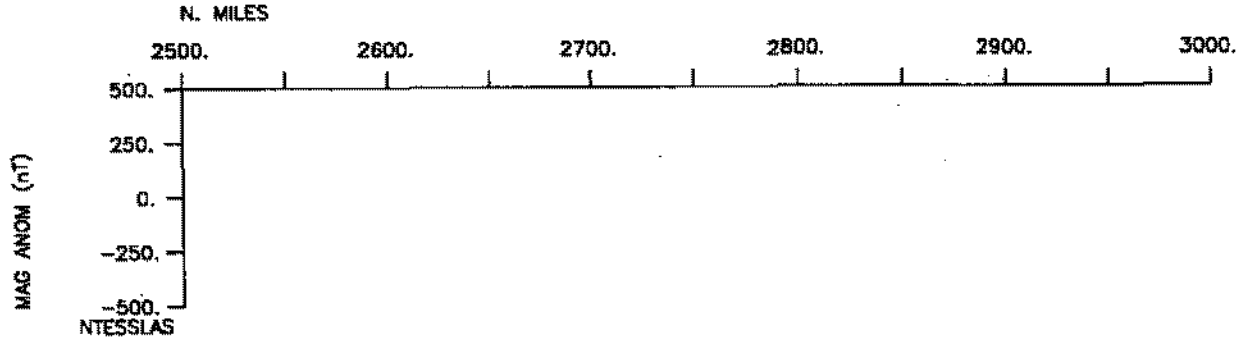
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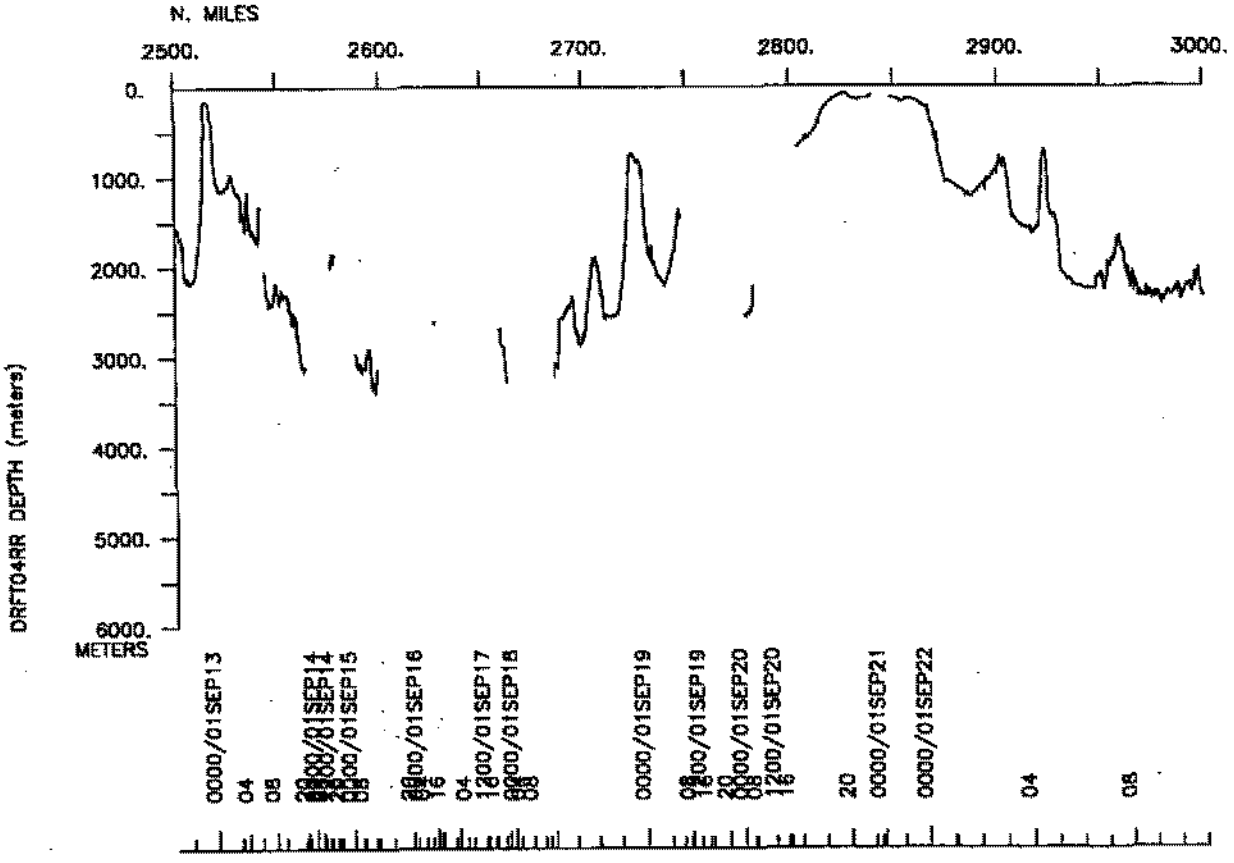
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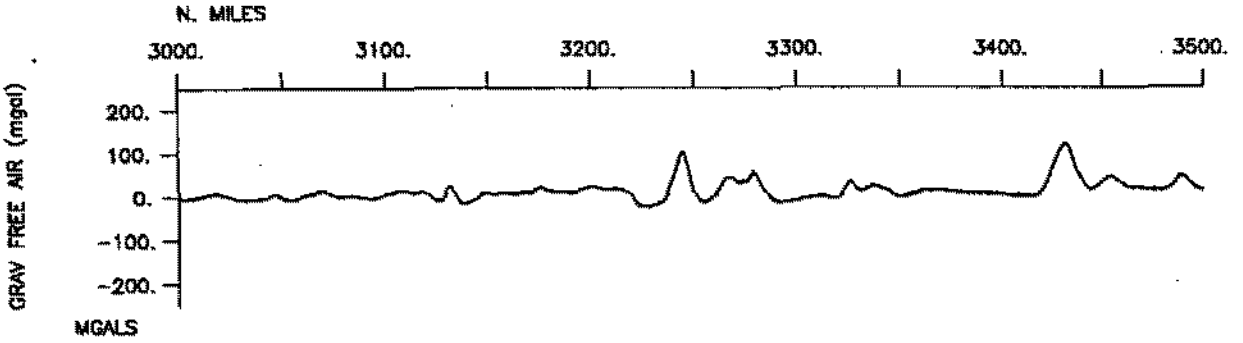
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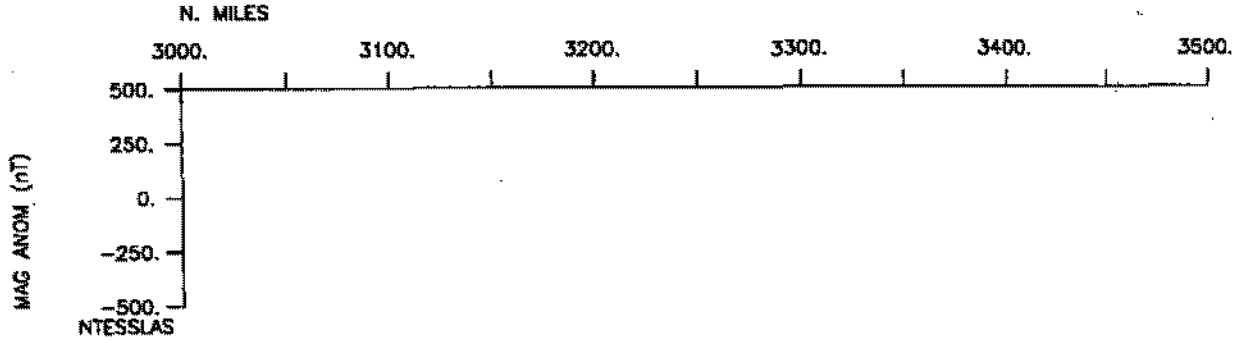
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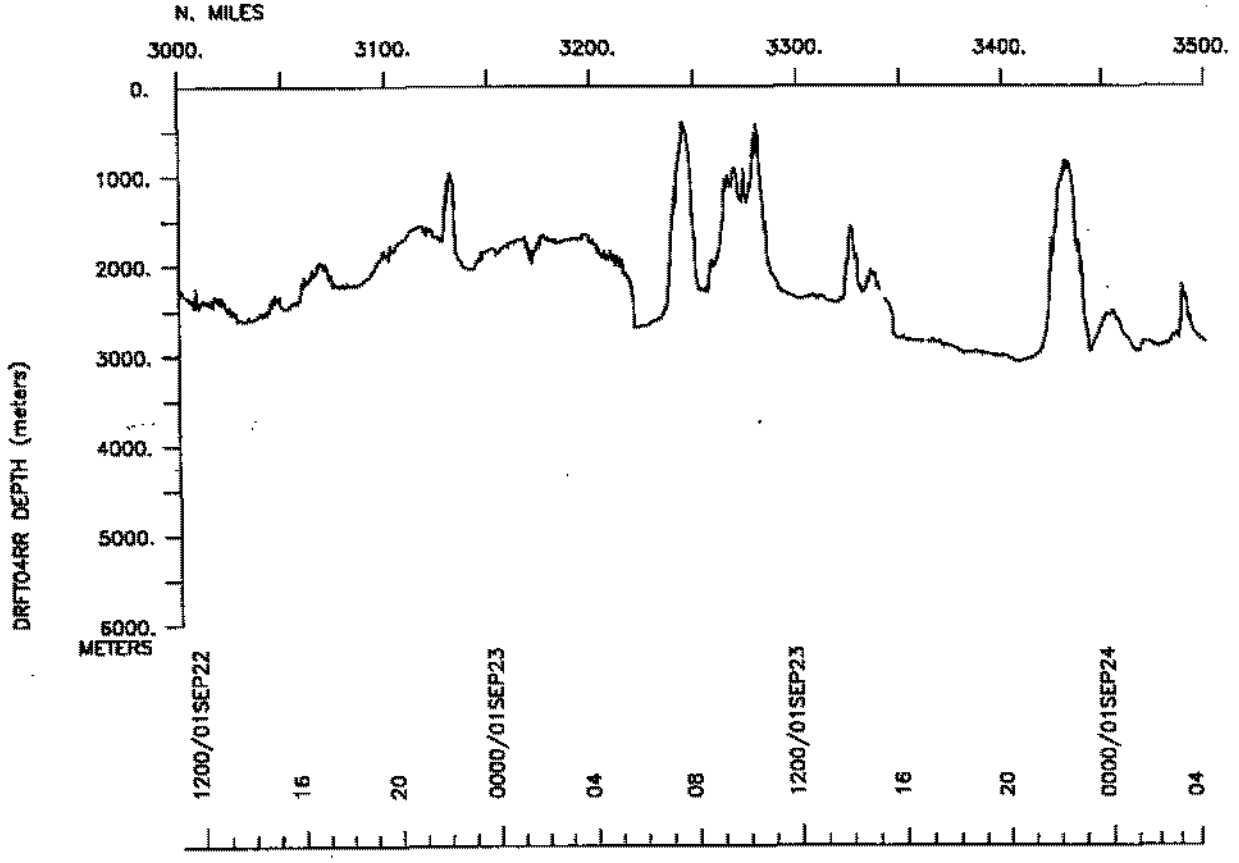
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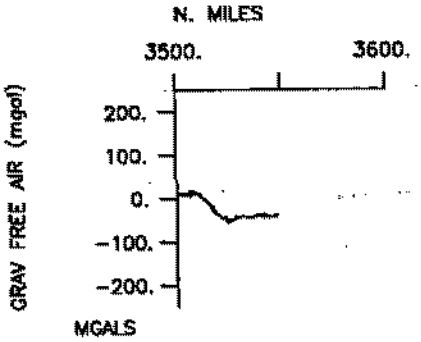

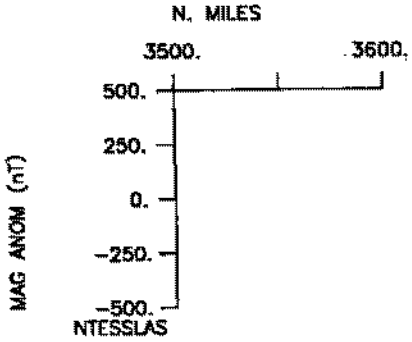

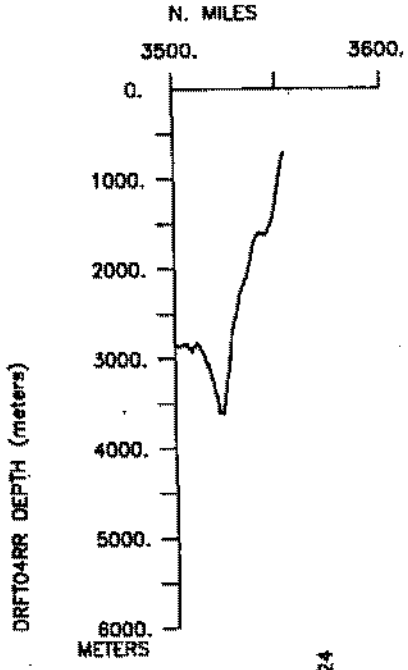

08 1200/01SEP24

S.I.O. Sample Index

Drift Expedition

Leg 4

(DRFT04RR)

R/V Revelle

(Issued January 2002)

PORTS:

Puerta Caldera, Costa Rica (23 August 2001)
to
Puerta Caldera, Costa Rica (25 September 2001)

Chief Scientist: Mark Kurz
Woods Hole Oceanographic Institution

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 ***

1800 230801    LGPT B Puerta Caldera,Costa Rica 09-53.00N  84-55.00W f DRFT04RR
1930 250901    LGPT E Puerta Caldera,Costa Rica 09-53.00N  84-55.00W f DRFT04RR

1755 260801    LGSS B Puerto Ayora, Galapagos   00-54.00S  89-36.00W f DRFT04RR
2209 270801    LGSS E Puerto Ayora, Galapagos   00-54.00S  89-36.00W f DRFT04RR

2300 200901    LGSS B Puerto Ayora, Galapagos   00-54.00S  89-36.00W f DRFT04RR
2200 210901    LGSS E Puerto Ayora, Galapagos   00-54.00S  89-36.00W f DRFT04RR
```

#*** Personnel ***

#		********NAME********	******TITLE******	*****AFFILIATION****	**CRID**
PECS	WHOI	Kurz,M.	Chief Scientist	Woods Hole	DRFT04RR
PESP	STS	Becker,J.	Tech Advisor	Scripps Institution	DRFT04RR
PESP	WHOI	Buckman,K.	Volunteer	Woods Hole	DRFT04RR
PESP	EDR	Cruz, F.	Observer	Ecuador	DRFT04RR
PESP	WHOI	Curtice,J.	Research Assoc.	Woods Hole	DRFT04RR
PEST	UHI	Engels,J.	Grad Student	Univ. of Hawaii	DRFT04RR
PESP	UHI	Ericksen,T.	Engineer	Univ. of Hawaii	DRFT04RR
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PESP	SIX	Geist,D.	Co-P.I.	Univ. of Idaho	DRFT04RR
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PECT	STS	Jacobson,D.	Computer Tech	Scripps Institution	DRFT04RR
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PERT	STS	Pillard,E.	Resident Tech	Scripps Institution	DRFT04RR
PESP	WHOI	Reed,C.	Science Writer	Woods Hole	DRFT04RR
PESP	SIX	Reynolds,R.	Student	Central Oregon C.C.	DRFT04RR
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PESP	UHI	Tottori,S.	Engineer	Univ. of Hawaii	DRFT04RR
PESP	SIX	Volpe,S.	Grad Student	Univ. of Florida	DRFT04RR
PEST	SIX	Waller,R.	Grad Student	Southampton O.C.	DRFT04RR

#*** 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.

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

#*** Underway Data Curator - Shipboard Technical Support Group ext.41899 ***
#*** Digital Data Curator - Geological Data Center, S.P. Miller, ext.41898 ***


#*** Log Books ***

1800 230801  0 LBUW B Underway watch log    STS   9-57.97N  84-49.85W g DRFT04RR
1515 230901  0 LBUW E Underway watch log    STS   6-23.13N  86-36.56W g DRFT04RR

1800 230801  0 LBSC B Science Log Book 1    WHOI  9-57.97N  84-49.85W g DRFT04RR
2340 060901  0 LBSC E Science Log Book 1    WHOI  0-23.25S  91-50.19W g DRFT04RR

2350 060901  0 LBSC B Science Log Book 2    WHOI  0-23.25S  91-50.19W g DRFT04RR
1753 200901  0 LBSC E Science Log Book 2    WHOI  1-11.89S  90-44.86W g DRFT04RR


#*** MultiBeam Data (SIMRAD) ***

1500 250801  0 MBSI B SIMRAD Multibeam      GDC   1-54.67N  88-51.33W g DRFT04RR
1000 240901  0 MBSI E EM120 System          GDC   7-59.12N  85-41.96W g DRFT04RR


#*** Acoustic Doppler Current Profiler ***

1800 230801  0 ADCP B ADCP 150 kHZ          GDC   9-57.97N  84-49.85W g DRFT04RR
1000 240901  0 ADCP E ADCP 150 kHz          GDC   7-59.12N  85-41.96W g DRFT04RR

1800 230801  0 ADCP B ADCP 50 kHz           GDC   9-57.97N  84-49.85W g DRFT04RR
1000 240901  0 ADCP E ADCP 50 kHz           GDC   7-59.12N  85-41.96W g DRFT04RR

1800 230801  0 ADCP B ADCP 140 kHz          GDC   9-57.97N  84-49.85W g DRFT04RR
1000 240901  0 ADCP E ADCP 140 kHz          GDC   7-59.12N  85-41.96W g DRFT04RR


#*** Integrated Meteorological Acquisition System ***

1600 230801  0 IMET B Weather data          GDC   9-58.25N  84-49.85W g DRFT04RR
1000 240901  0 IMET E Weather data          GDC   7-59.12N  85-41.96W g DRFT04RR


#*** Digital Gravity ***

1600 230801  0 GVDD B Gravity data          GDC   9-58.25N  84-49.85W g DRFT04RR
1000 240901  0 GVDD E Gravity data          GDC   7-59.12N  85-41.96W g DRFT04RR


#*** Side Scan Sonor ***

0242 260801  0 DPSM B HMR1 Wide swath       UHI   0-41.07N  89-54.87W g DRFT04RR
1401 260801  0 DPSM E side-scanning sonar   UHI   0-33.22S  90-03.59W g DRFT04RR

0320 280801  0 DPSM B HMR1 Wide swath       UHI   1-27.79S  89-57.64W g DRFT04RR
1445 280801  0 DPSM E side-scanning sonar   UHI   1-07.02S  91-06.25W g DRFT04RR

0239 290801  0 DPSM B MR1 Fish deploye      UHI   1-22.61S  90-42.66W g DRFT04RR
0746 010901  0 DPSM E side-scanning sonar   UHI   0-13.38N  91-50.00W g DRFT04RR

0725 060901  0 DPSM B HMR1 Wide swath       WHOI  0-05.60S  91-50.37W g DRFT04RR
0638 080901  0 DPSM E side-scanning sonar   WHOI  0-15.23N  89-54.85W g DRFT04RR
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#GMT DDMMYY     SAMP B SAMPLE                    DISP                          p CRUISE
#TIME DATE   TZ CODE E IDENTIFIER                CODE LATITUDE  LONGITUDE   c LEG-SHIP
#---------- -- ---------------------------- ---- --------- ---------- - --------

#*** Biological Samples ***

1125 010901  0 BLXX B Bio. samples from       WHOI  0-16.17N  91-43.05W g DRFT04RR
1654 200901  0 BLXX E dredges 1-73            WHOI  1-14.76S  90-48.01W g DRFT04RR

#*** Dredges ***
#*** Samples shared by Woods Hole Oceanographic Inst. & Univ. of Idaho (SIX)***

1125 010901  0 DRRO B Dredge 1               WHOI  0-16.17N  91-43.05W g DRFT04RR
1307 010901  0 DRRO E Dredge 1 2659-2373m    WHOI  0-15.92N  91-42.64W g DRFT04RR

1705 010901  0 DRRO B Dredge 2               SIX   0-19.74N  91-37.60W g DRFT04RR
1858 010901  0 DRRO E Dredge 2 1787-1265m    SIX   0-19.11N  91-37.59W g DRFT04RR

2302 010901  0 DRRO B Dredge 3               WHOI  0-15.99N  91-26.60W g DRFT04RR
0010 020901  0 DRRO E Dredge 3 2755-2434m    WHOI  0-16.00N  91-26.17W g DRFT04RR

0154 020901  0 DRRO B Dredge 4               SIX   0-11.50N  91-24.80W g DRFT04RR
0535 020901  0 DRRO E Dredge 4 2111-1915m    SIX   0-11.50N  91-24.20W g DRFT04RR

0921 020901  0 DRRO B Dredge 5               WHOI  0-06.17N  91-38.99W g DRFT04RR
1140 020901  0 DRRO E Dredge 5 3162-2849m    WHOI  0-05.50N  91-38.60W g DRFT04RR

1517 020901  0 DRRO B Dredge 6               SIX   0-00.11S  91-41.66W g DRFT04RR
1627 020901  0 DRRO E Dredge 6 2735-2351m    SIX   0-00.33S  91-41.05W g DRFT04RR

2017 020901  0 DRRO B Dredge 7               WHOI  0-03.42S  91-49.00W g DRFT04RR
2125 020901  0 DRRO E Dredge 7 3025-2949m    WHOI  0-03.45S  91-48.46W g DRFT04RR

0025 030901  0 DRRO B Dredge 8               SIX   0-05.20S  91-46.00W g DRFT04RR
0120 030901  0 DRRO E Dredge 8 2723-2585m    SIX   0-05.56S  91-45.76W g DRFT04RR

0458 030901  0 DRRO B Dredge 9               WHOI  0-06.60S  91-50.46W g DRFT04RR
0637 030901  0 DRRO E Dredge 9 3115-3053m    WHOI  0-06.60S  91-49.94W g DRFT04RR

1057 030901  0 DRRO B Dredge 10              SIX   0-04.93S  91-57.20W g DRFT04RR
1300 030901  0 DRRO E Dredge10 3226-2973m    SIX   0-05.27S  91-57.20W g DRFT04RR

1648 030901  0 DRRO B Dredge 11              WHOI  0-05.02S  91-47.91W g DRFT04RR
1755 030901  0 DRRO E Dredge11 2858-2825m    WHOI  0-05.18S  91-47.52W g DRFT04RR

2220 030901  0 DRRO B Dredge 12              SIX   0-16.50S  91-33.90W g DRFT04RR
2320 030901  0 DRRO E Dredge 12 1144-934m    SIX   0-16.80S  91-33.90W g DRFT04RR

0152 040901  0 DRRO B Dredge 13              WHOI  0-11.20S  91-33.38W g DRFT04RR
0302 040901  0 DRRO E Dredge13 2147-1958m    WHOI  0-11.20S  91-32.89W g DRFT04RR

0642 040901  0 DRRO B Dredge 14              SIX   0-10.16S  91-42.31W g DRFT04RR
0805 040901  0 DRRO E Dredge14 2463-2445m    SIX   0-10.60S  91-42.58W g DRFT04RR

1100 040901  0 DRRO B Dredge 15              WHOI  0-17.10S  91-42.97W g DRFT04RR
1304 040901  0 DRRO E Dredge15 1224-1142m    WHOI  0-17.10S  91-42.73W g DRFT04RR

1714 040901  0 DRRO B Dredge 16              SIX   0-19.62S  91-41.35W g DRFT04RR
1729 040901  0 DRRO E Dredge16 1389-1306m    SIX   0-19.62S  91-41.22W g DRFT04RR

2115 040901  0 DRRO B Dredge 17              WHOI  0-21.90S  91-52.18W g DRFT04RR
2240 040901  0 DRRO E Dredge17 3388-3353m    WHOI  0-21.90S  91-51.56W g DRFT04RR
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#GMT #TIME	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0326	050901	0	DRRO	B	Dredge 18	SIX	0-20.61S	91-58.37W	g	DRFT04RR
0435	050901	0	DRRO	E	Dredge18 3421-3324m	SIX	0-20.80S	91-58.00W	g	DRFT04RR
0848	050901	0	DRRO	X	Dredge 19	WHOI	0-16.61S	91-56.59W	g	DRFT04RR
1424	050901	0	DRRO	B	Dredge 20	SIX	0-16.30S	91-53.79W	g	DRFT04RR
1612	050901	0	DRRO	E	Dredge20 3385-3365m	SIX	0-16.30S	91-53.09W	g	DRFT04RR
2034	050901	0	DRRO	B	Dredge 21	WHOI	0-09.19S	91-53.27W	g	DRFT04RR
2200	050901	0	DRRO	E	Dredge21 3243-3214m	WHOI	0-09.08S	91-52.70W	g	DRFT04RR
1011	080901	0	DRRO	B	Dredge 22	SIX	0-22.54N	89-51.42W	g	DRFT04RR
1125	080901	0	DRRO	E	Dredge22 848-779m	SIX	0-22.48N	89-51.80W	g	DRFT04RR
1428	080901	0	DRRO	B	Dredge 23	WHOI	0-29.16N	89-49.89W	g	DRFT04RR
1626	080901	0	DRRO	E	Dredge23 2257-1995m	WHOI	0-28.69N	89-49.74W	g	DRFT04RR
0400	090901	0	DRRO	B	Dredge 25	SIX	0-11.65N	91-22.81W	g	DRFT04RR
0558	090901	0	DRRO	E	Dredge25 2515-2181m	SIX	0-03.68S	91-40.24W	g	DRFT04RR
0925	090901	0	DRRO	B	Dredge 24	SIX	0-19.75S	91-45.65W	g	DRFT04RR
1155	090901	0	DRRO	E	Dredge24 2960-2556m	SIX	0-19.60S	91-44.70W	g	DRFT04RR
1545	090901	0	DRRO	B	Dredge 27	SIX	0-14.32S	91-44.62W	g	DRFT04RR
1713	090901	0	DRRO	E	Dredge27 3195-2960m	SIX	0-14.47S	91-44.89W	g	DRFT04RR
0948	100901	0	DRRO	B	Dredge 26	WHOI	0-30.75S	91-47.87W	g	DRFT04RR
1157	100901	0	DRRO	E	Dredge26 3321-3076m	WHOI	0-30.75S	91-47.10W	g	DRFT04RR
2337	100901	0	DRRO	B	Dredge 28	WHOI	0-26.39S	91-38.75W	g	DRFT04RR
0000	110901	0	DRRO	E	Dredge28 1216-851m	WHOI	0-26.39S	91-38.75W	g	DRFT04RR
0320	110901	0	DRRO	B	Dredge 29	SIX	0-38.20S	91-42.23W	g	DRFT04RR
0511	110901	0	DRRO	E	Dredge29 3261-3064m	SIX	0-38.22S	91-41.73W	g	DRFT04RR
0849	110901	0	DRRO	B	Dredge 30	WHOI	0-40.15S	91-41.03W	g	DRFT04RR
1030	110901	0	DRRO	E	Dredge30 3218-2964m	WHOI	0-40.10S	91-40.55W	g	DRFT04RR
1340	110901	0	DRRO	B	Dredge 31	SIX	0-39.80S	91-38.50W	g	DRFT04RR
1507	110901	0	DRRO	E	Dredge31 2963-2727m	SIX	0-40.05S	91-38.10W	g	DRFT04RR
1820	110901	0	DRRO	B	Dredge 32	WHOI	0-44.16S	91-38.39W	g	DRFT04RR
1954	110901	0	DRRO	E	Dredge32 2881-2435m	WHOI	0-44.40S	91-37.85W	g	DRFT04RR
2329	110901	0	DRRO	B	Dredge 33	SIX	0-41.66S	91-46.14W	g	DRFT04RR
0040	120901	0	DRRO	E	Dredge33 3472-3327m	SIX	0-41.75S	91-45.75W	g	DRFT04RR
0440	120901	0	DRRO	B	Dredge 34	WHOI	0-47.40S	91-40.42W	g	DRFT04RR
0607	120901	0	DRRO	E	Dredge34 3245-2852m	WHOI	0-47.30S	91-39.86W	g	DRFT04RR
1005	120901	0	DRRO	B	Dredge 35	SIX	0-43.60S	91-41.24W	g	DRFT04RR
1212	120901	0	DRRO	E	Dredge35 3239-2964m	SIX	0-43.60S	91-40.55W	g	DRFT04RR
1532	120901	0	DRRO	B	Dredge 36	WHOI	0-45.54S	91-37.37W	g	DRFT04RR
1753	120901	0	DRRO	E	Dredge36 2790-2499m	WHOI	0-45.34S	91-36.70W	g	DRFT04RR
0223	130901	0	DRRO	B	Dredge 37	SIX	0-38.11S	91-27.95W	g	DRFT04RR
0407	130901	0	DRRO	E	Dredge37 1633-1166m	SIX	0-38.21S	91-27.19W	g	DRFT04RR

#GMT DDMMYY #TIME DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
0903 130901	0	DRRO	B	Dredge 38	SIX	0-43.60S	91-33.20W	g	DRFT04RR
1107 130901	0	DRRO	E	Dredge38 2346-2154m	SIX	0-43.80S	91-32.60W	g	DRFT04RR
1410 130901	0	DRRO	B	Dredge 39	WHOI	0-46.85S	91-34.86W	g	DRFT04RR
1559 130901	0	DRRO	E	Dredge38 2281-2155m	WHOI	0-46.80S	91-34.30W	g	DRFT04RR
1950 130901	0	DRRO	B	Dredge 40	SIX	0-53.92S	91-40.99W	g	DRFT04RR
2135 130901	0	DRRO	E	Dredge40 3096-3097m	SIX	0-54.47S	91-40.59W	g	DRFT04RR
0055 140901	0	DRRO	B	Dredge 41	WHOI	0-56.57S	91-37.77W	g	DRFT04RR
0232 140901	0	DRRO	E	Dredge41 2650-2365m	WHOI	0-56.79S	91-37.26W	g	DRFT04RR
0536 140901	0	DRRO	B	Dredge 42	SIX	0-59.35S	91-36.95W	g	DRFT04RR
0733 140901	0	DRRO	E	Dredge42 3120-2774m	SIX	0-59.10S	91-36.40W	g	DRFT04RR
1047 140901	0	DRRO	B	Dredge 43	WHOI	0-57.21S	91-36.28W	g	DRFT04RR
1257 140901	0	DRRO	E	Dredge43 2085-1782m	WHOI	0-57.55S	91-35.65W	g	DRFT04RR
1536 140901	0	DRRO	B	Dredge 44	SIX	0-55.32S	91-34.57W	g	DRFT04RR
1832 140901	0	DRRO	E	Dredge44 1771-1460m	SIX	0-55.57S	91-33.94W	g	DRFT04RR
2131 140901	0	DRRO	B	Dredge 45	WHOI	0-55.41S	91-33.37W	g	DRFT04RR
2245 140901	0	DRRO	E	Dredge45 1383-1045m	WHOI	0-55.40S	91-32.90W	g	DRFT04RR
0140 150901	0	DRRO	B	Dredge 46	SIX	1-01.30S	91-32.80W	g	DRFT04RR
0313 150901	0	DRRO	E	Dredge46 2964-2877m	SIX	1-01.04S	91-32.30W	g	DRFT04RR
0637 150901	0	DRRO	B	Dredge 47	WHOI	1-04.85S	91-33.14W	g	DRFT04RR
0800 150901	0	DRRO	E	Dredge47 3122-3073m	WHOI	1-04.70S	91-32.70W	g	DRFT04RR
1258 150901	0	DRRO	B	Dredge 48	SIX	1-08.10S	91-27.28W	g	DRFT04RR
1428 150901	0	DRRO	E	Dredge48 3360-3127m	SIX	1-08.15S	91-26.85W	g	DRFT04RR
2220 150901	0	DRRO	B	Dredge 49	WHOI	1-17.94S	91-11.85W	g	DRFT04RR
2355 150901	0	DRRO	E	Dredge49 3603-3403m	WHOI	1-17.44S	91-11.67W	g	DRFT04RR
0343 160901	0	DRRO	B	Dredge 50	SIX	1-16.17S	91-08.72W	g	DRFT04RR
0509 160901	0	DRRO	E	Dredge50 3413-3039m	SIX	1-15.91S	91-08.46W	g	DRFT04RR
0838 160901	0	DRRO	B	Dredge 51	WHOI	1-14.09S	91-09.74W	g	DRFT04RR
1007 160901	0	DRRO	E	Dredge51 2970-2650m	WHOI	1-13.80S	91-09.50W	g	DRFT04RR
1152 160901	0	DRRO	B	Dredge 52	SIX	1-12.71S	91-08.10W	g	DRFT04RR
1435 160901	0	DRRO	E	Dredge52 2585-2331m	SIX	1-12.35S	91-07.87W	g	DRFT04RR
1723 160901	0	DRRO	B	Dredge 53	WHOI	1-11.29S	91-07.05W	g	DRFT04RR
1906 160901	0	DRRO	E	Dredge53 2262-1910m	WHOI	1-10.91S	91-06.79W	g	DRFT04RR
2127 160901	0	DRRO	B	Dredge 54	SIX	1-05.24S	91-08.94W	g	DRFT04RR
2249 160901	0	DRRO	E	Dredge54 900-585m	SIX	1-04.90S	91-08.75W	g	DRFT04RR
0015 170901	0	DRRO	B	Dredge 55	WHOI	1-05.87S	91-09.69W	g	DRFT04RR
0139 170901	0	DRRO	E	Dredge55 1045-954m	WHOI	1-05.45S	91-09.60W	g	DRFT04RR
0342 170901	0	DRRO	B	Dredge 56	SIX	1-08.52S	91-09.08W	g	DRFT04RR
0440 170901	0	DRRO	E	Dredge56 1506-1382m	SIX	1-08.28S	91-08.92W	g	DRFT04RR
0650 170901	0	DRRO	B	Dredge 57	WHOI	1-09.69S	91-06.99W	g	DRFT04RR
0815 170901	0	DRRO	E	Dredge57 1704-1562m	WHOI	1-09.30S	91-06.85W	g	DRFT04RR

#GMT TIME	DDMMYY DATE	TZ	SAMP CODE	B E	SAMPLE IDENTIFIER	DISP CODE	LATITUDE	LONGITUDE	p c	CRUISE LEG-SHIP
1045	170901	0	DRRO	B	Dredge 58	SIX	1-10.29S	91-00.95W	g	DRFT04RR
1207	170901	0	DRRO	E	Dredge58 1688-1437m	SIX	1-09.90S	91-00.95W	g	DRFT04RR
1427	170901	0	DRRO	B	Dredge 59	WHOI	1-13.10S	91-00.65W	g	DRFT04RR
1603	170901	0	DRRO	E	Dredge59 2021-1772m	WHOI	1-12.76S	91-00.42W	g	DRFT04RR
2109	170901	0	DRRO	B	Dredge 60	SIX	1-17.98S	90-59.23W	g	DRFT04RR
2230	170901	0	DRRO	E	Dredge60 3264-2959m	SIX	1-17.70S	90-59.00W	g	DRFT04RR
0208	180901	0	DRRO	B	Dredge 61	WHOI	1-22.12S	90-56.68W	g	DRFT04RR
0352	180901	0	DRRO	E	Dredge61 3625-3255m	WHOI	1-21.79S	90-56.40W	g	DRFT04RR
0739	180901	0	DRRO	B	Dredge 62	SIX	1-21.08S	90-50.69W	g	DRFT04RR
0846	180901	0	DRRO	E	Dredge62 2708-2506m	SIX	1-20.80S	90-50.55W	g	DRFT04RR
1211	180901	0	DRRO	B	Dredge 63	WHOI	1-24.93S	90-47.43W	g	DRFT04RR
1332	180901	0	DRRO	E	Dredge63 3124-2875m	WHOI	1-24.70S	90-47.20W	g	DRFT04RR
1705	180901	0	DRRO	B	Dredge 64	SIX	1-28.56S	90-44.94W	g	DRFT04RR
1841	180901	0	DRRO	E	Dredge64 3519-3196m	SIX	1-28.15S	90-44.85W	g	DRFT04RR
0237	190901	0	DRRO	B	Dredge 65	WHOI	1-30.32S	90-30.87W	g	DRFT04RR
0401	190901	0	DRRO	E	Dredge65 1419-1207m	WHOI	1-30.05S	90-30.55W	g	DRFT04RR
0609	190901	0	DRRO	B	Dredge 66	SIX	1-30.66S	90-33.18W	g	DRFT04RR
0813	190901	0	DRRO	E	Dredge66 1823-1599m	SIX	1-30.69S	90-32.85W	g	DRFT04RR
1108	190901	0	DRRO	B	Dredge 67	WHOI	1-34.10S	90-35.34W	g	DRFT04RR
1254	190901	0	DRRO	E	Dredge67 2626-2315m	WHOI	1-33.90S	90-34.95W	g	DRFT04RR
1610	190901	0	DRRO	B	Dredge 68	SIX	1-36.26S	90-36.38W	g	DRFT04RR
1740	190901	0	DRRO	E	Dredge68 3265-2939m	SIX	1-35.90S	90-36.20W	g	DRFT04RR
2107	190901	0	DRRO	B	Dredge 69	WHOI	1-27.11S	90-38.54W	g	DRFT04RR
2210	190901	0	DRRO	E	Dredge69 2589-2260m	WHOI	1-26.69S	90-38.45W	g	DRFT04RR
0134	200901	0	DRRO	B	Dredge 70	SIX	1-26.34S	90-44.99W	g	DRFT04RR
0322	200901	0	DRRO	E	Dredge70 3025-2597m	SIX	1-25.85S	90-44.65W	g	DRFT04RR
0624	200901	0	DRRO	B	Dredge 71	WHOI	1-20.99S	90-43.49W	g	DRFT04RR
0811	200901	0	DRRO	E	Dredge71 2216-1892m	WHOI	1-20.65S	90-43.05W	g	DRFT04RR
1124	200901	0	DRRO	B	Dredge 72	SIX	1-20.19S	90-51.39W	g	DRFT04RR
1309	200901	0	DRRO	E	Dredge72 2562-2268m	SIX	1-19.78S	90-51.16W	g	DRFT04RR
1557	200901	0	DRRO	B	Dredge 73	WHOI	1-14.86S	90-48.20W	g	DRFT04RR
1654	200901	0	DRRO	E	Dredge73 1558-1328m	WHOI	1-14.76S	90-48.01W	g	DRFT04RR

#*** Camera Sled ***

0100	060901	0	CATB	B	Camera sled	WHOI	0-05.30S	91-51.90W	g	DRFT04RR
0832	060901	0	CATB	E	Camera sled	WHOI	0-05.60S	91-50.37W	g	DRFT04RR
1435	090901	0	CATB	X	Camera sled Lost	WHOI	0-14.30S	91-44.57W	g	DRFT04RR

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

#*** Glass Cores ***

1210 060901  0 CORG B Glass Core 1                   WHOI  0-04.00S  91-54.30W g DRFT04RR
1403 060901  0 CORG E Glass Core 1  3215m            WHOI  0-04.00S  91-54.30W g DRFT04RR

1630 060901  0 CORG B Glass core 2                   SIX   0-20.90S  91-55.05W g DRFT04RR
1812 060901  0 CORG E Glass Core 2  3415m            SIX   0-20.90S  91-55.05W g DRFT04RR

1919 060901  0 CORG B Glass core 3                   WHOI  0-20.96S  91-55.05W g DRFT04RR
2100 060901  0 CORG E Glass Core 3  3418m            WHOI  0-20.96S  91-55.05W g DRFT04RR

2307 060901  0 CORG B Glass core 4                   SIX   0-23.25S  91-50.19W g DRFT04RR
0005 070901  0 CORG E Glass Core 4  3298m            SIX   0-23.25S  91-50.20W g DRFT04RR

0030 070901  0 CORG B Glass core 5                   WHOI  0-21.48S  91-47.87W g DRFT04RR
0220 070901  0 CORG E Glass Core 5  3238m            WHOI  0-21.50S  91-47.90W g DRFT04RR

1838 080901  0 CORG B Glass core 6                   SIX   0-26.00N  89-42.87W g DRFT04RR
1920 080901  0 CORG E Glass Core 6  1206m            SIX   0-26.00N  89-42.87W g DRFT04RR

0555 130901  0 CORG B Glass core 7                   WHOI  0-36.45S  91-32.15W g DRFT04RR
0624 130901  0 CORG E Glass Core 7  3298m            WHOI  0-36.45S  91-32.15W g DRFT04RR

#*** Gravity Core ***

1802 150901  0 COGV B Gravity Core 01                WHOI  1-12.13S  91-22.08W g DRFT04RR
1830 150901  0 COGV E Grav. Core 01 3542m            WHOI  1-12.13S  91-22.07W g DRFT04RR

#*** Grab Core ***

1755 170901  0 COXX X Grab core 01 Lost              WHOI  1-12.22S  91-00.40W g DRFT04RR

#*** Expendable Bathythermographs ***

2306 230801  0 BTXP   MK12  # 47 Fast_Deep GDC  09-02.27N 085-05.28W g DRFT04RR
1443 240801  0 BTXP   MK12  # 48 Fast_Deep GDC  06-15.44N 086-33.51W g DRFT04RR
1421 250801  0 BTXP   MK12  # 50 Fast_Deep GDC  02-02.15N 088-47.52W g DRFT04RR
2236 250801  0 BTXP   MK12  # 51 Fast_Deep GDC  00-32.80N 089-34.67W g DRFT04RR
1150 260801  0 BTXP   MK12  # 52 Fast_Deep GDC  00-16.72S 090-00.59W g DRFT04RR
0350 280801  0 BTXP   MK12  # 53 Fast_Deep GDC  01-31.76S 089-56.84W g DRFT04RR
1627 280801  0 BTXP   MK12  # 54 Fast_Deep GDC  01-04.35S 091-21.47W g DRFT04RR
0127 290801  0 BTXP   MK12  # 55 Fast_Deep GDC  01-17.25S 090-50.56W g DRFT04RR
0258 300801  0 BTXP   MK12  # 56 Fast_Deep GDC  00-45.58S 091-35.80W g DRFT04RR
1840 300801  0 BTXP   MK12  # 57 Fast_Deep GDC  01-11.13S 091-34.08W g DRFT04RR
1500 310801  0 BTXP   MK12  # 58 Fast_Deep GDC  00-06.52N 091-31.79W g DRFT04RR
0310 010901  0 BTXP   MK12  # 59 Fast_Deep GDC  00-32.97N 091-26.35W g DRFT04RR
1952 030901  0 BTXP   MK12  # 60 Fast_Deep GDC  00-08.49S 091-40.25W g DRFT04RR
1817 050901  0 BTXP   MK12  # 61 Fast_Deep GDC  00-11.45S 091-53.00W g DRFT04RR
0359 070901  0 BTXP   MK12  # 62 Fast_Deep GDC  00-05.78S 091-40.74W g DRFT04RR
1443 070901  0 BTXP   MK12  # 63 Fast_Deep GDC  00-28.44N 090-43.87W g DRFT04RR
0433 090901  0 BTXP   MK12  # 64 Fast_Deep GDC  00-08.55N 091-28.91W g DRFT04RR
0126 100901  0 BTXP   MK12  # 65 Fast_Deep GDC  00-20.43S 091-43.68W g DRFT04RR
1913 120901  0 BTXP   MK12  # 66 Fast_Deep GDC  00-46.48S 091-35.93W g DRFT04RR
1645 150901  0 BTXP   MK12  # 67 Fast_Deep GDC  01-11.94S 091-22.21W g DRFT04RR
2051 180901  0 BTXP   MK12  # 68 Fast_Deep GDC  01-25.22S 090-42.12W g DRFT04RR
0118 220901  0 BTXP   MK12  # 69 Fast_Deep GDC  00-22.68S 090-06.27W g DRFT04RR
1411 220901  0 BTXP   MK12  # 70 Fast_Deep GDC  01-59.30N 089-05.93W g DRFT04RR
1455 230901  0 BTXP   MK12  # 71 Fast_Deep GDC  06-19.28N 086-38.66W g DRFT04RR

#                          End Sample Index                                DRFT04RR
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