INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

(Issued November 1988)

ROUNDABOUT EXPEDITION

LEG 6

R/V Washington

Dutch Harbor, Alaska (5 August 1988) to Dutch Harbor, Alaska (5 September 1988)

Co-Chief Scientists: Peter Lonsdale Scripps Institution of Oceanography

Lloyd Keigwin Woods Hole Oceanographic Institution

Resident Marine Technician - Robert Wilson

Post-Cruise Processing and Report Preparation by Geological Data Center, Scripps Institution of Oceanography

Data Collection and Processing Funded by NSF Grant Number OCE87-02835

NOTE: This is an index of underway geophysical data edited and processed after the completion of the cruise leg and is intended primarily for informal use within the institution. This document is not to be reproduced or distributed outside Scripps without prior approval of the chief scientist or the Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093.

GDC Cruise I.D.# 239

INFORMAL 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 anomaly and gravity free air anomaly vs. distance. Sections of track having subbottom profiles (airgun or watergun) records have a wide black line along the bottom of the profile. Sections having Sea Beam are indicated by a narrow black line.
- Sample Index list of beginning and end times and positions of all underway records as well as all other samples and measurements (geology, biology, physical oceanography, etc.) collected on the cruise leg.

NOTE: One or more of the underway data types may not be collected on a given cruise leg.

For information on the availability and reproduction costs of data in the following forms, contact S. M. Smith, Curator, Geological Data Center, Scripps Institution of Oceanography, La Jolla, CA 92093. Phone (619)534-2752.

- Navigation listing with times and positions of course and speed changes, fixes and drift velocity.
- 2. Depth compilation plots compilation plots at the traditional scale of 4in/degree longitude (1:1,000,000) are no longer produced for Sea Beam cruises. Custom plots may be requested of vertical beam (2&2/3 degree beam width) depths retrieved at one minute intervals of ship time.
- Plots of depths, magnetics or gravity profiles along track custom plots at various map and profile scales on Mercator projection may be requested.
- 4. Separate time series files of navigation, depth, gravity and magnetics as well as these data merged in the MGD77 Exchange format on magnetic tape.
- 5. Microfilm or Xerox copies of:
 - a. Echosounder records 12 and 3.5 kHz frequency
 - b. Subbottom profiler records
 - c. Magnetometer records
 - d. Underway data log book

Revised September 1987

SIC Sea Beam Data

The following forms are available, subject to approval of the cruise leg chief scientist:

1) Archive copy of contour swath books generated in real time on board ship available for inspection at the data center.

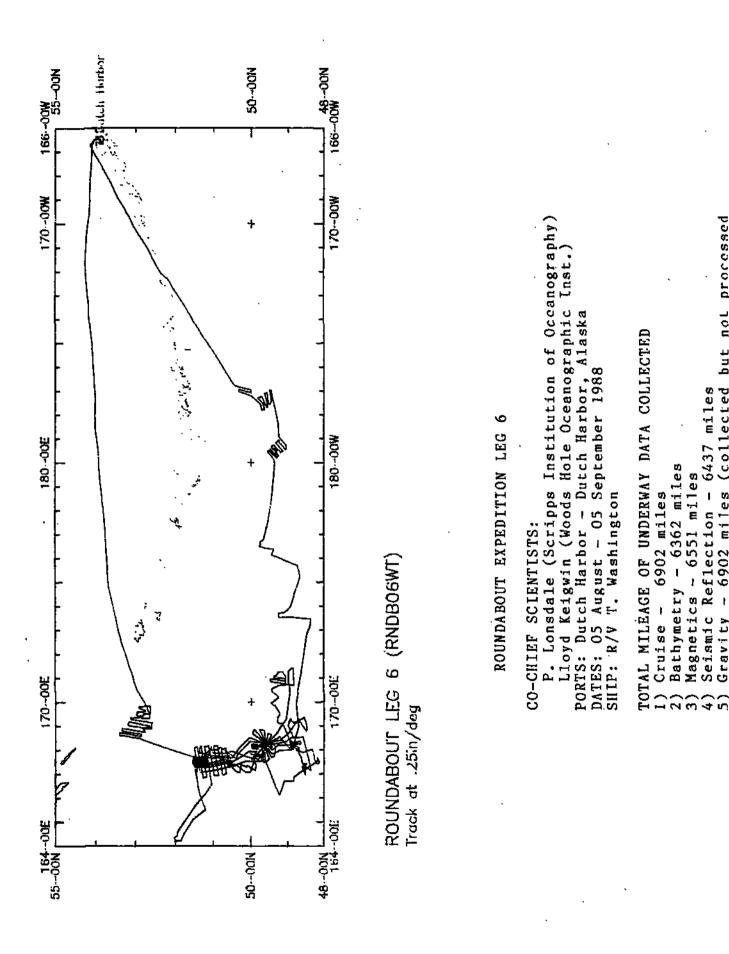
2) Microfilm (35mm flowfilm) containing swath books plus, for some cruises, the Sea Beam monitor record and navigation list.

3) Sea Beam merged tapes - Sea Beam data merged with navigation. (Navigation is edited to the extent that DR courses and speeds are edited and poor fixes are removed after inspection of drift vectors between fix pairs. No editing is done on the basis of adjusting to overlapping Sea Beam swaths.)

4) Archive contour plots - 16"/degree chart scale, with contour interval nominally 50m, are generated for all transit lines. Some survey areas are plotted at appropriate scales as well. Available for inspection at data center; additional copies may be generated from plot files stored on tape.

5) Custom generated plots of Sea Beam swaths on Mercator projection in four colors at variable plot scales and contour intervals. There are provisions to adjust positions of individual track lines and to edit out beams (bad data or overlapping data on inside of turns).

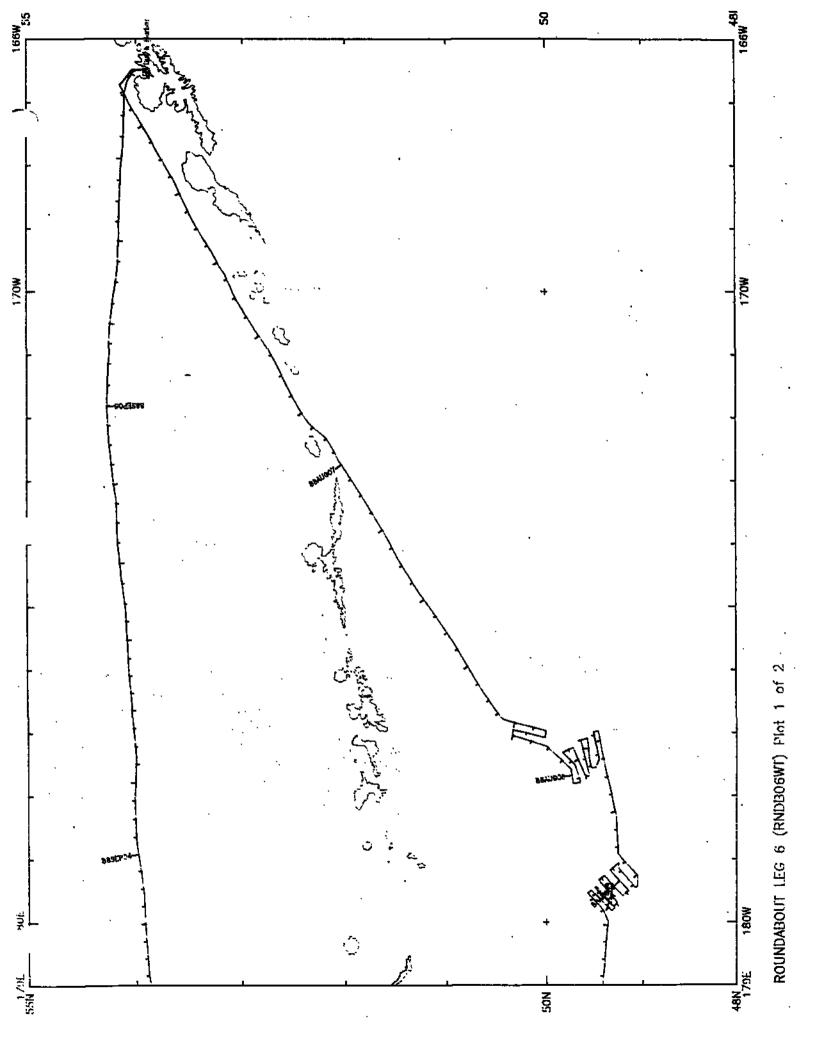
revised October 1986

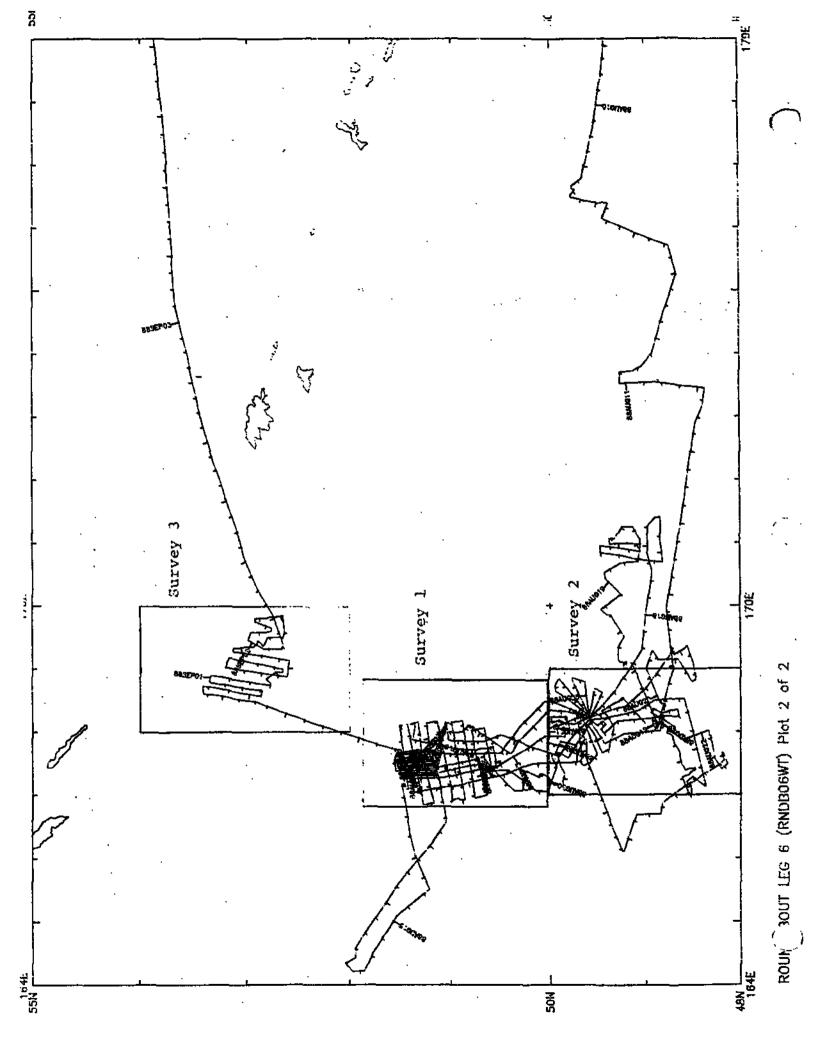


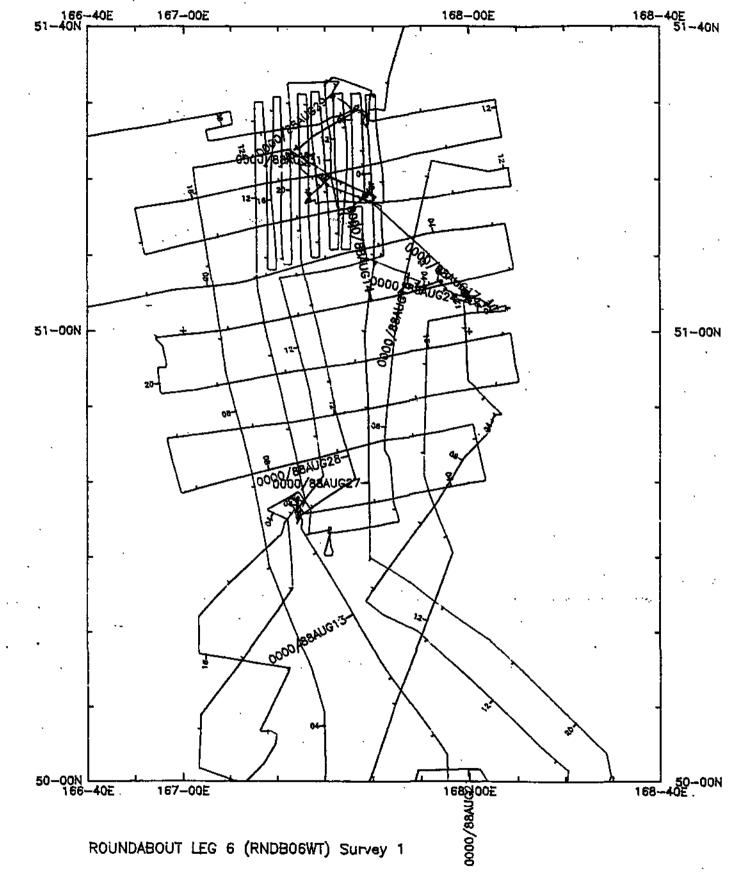
6) Sea Beam - 6362 milos

Gravity - 6902 miles (collected but not processed as of November 1988)

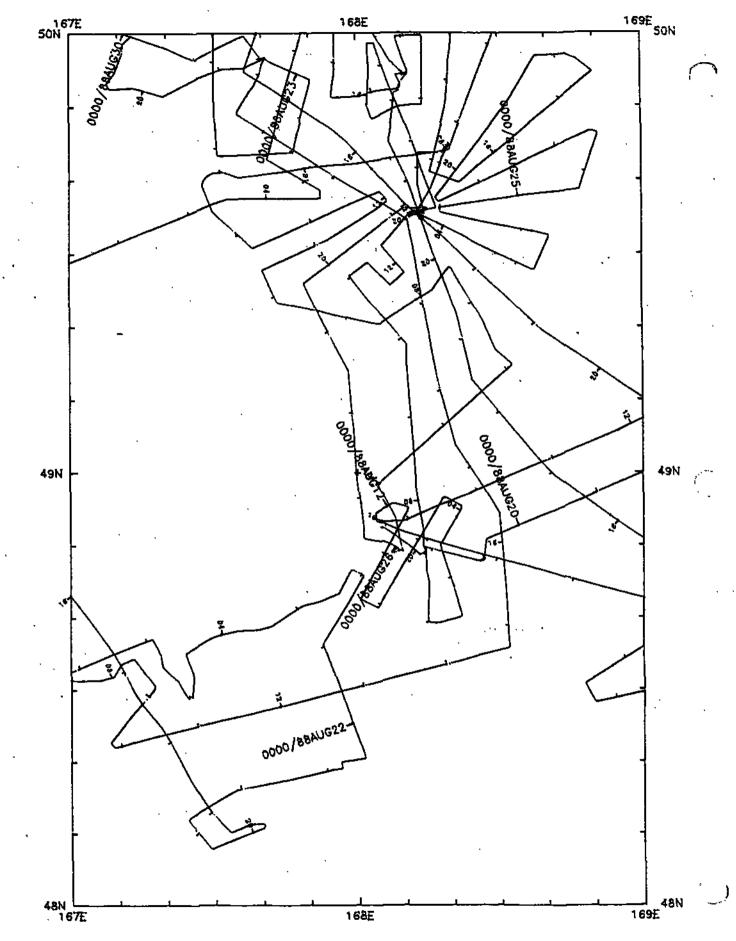
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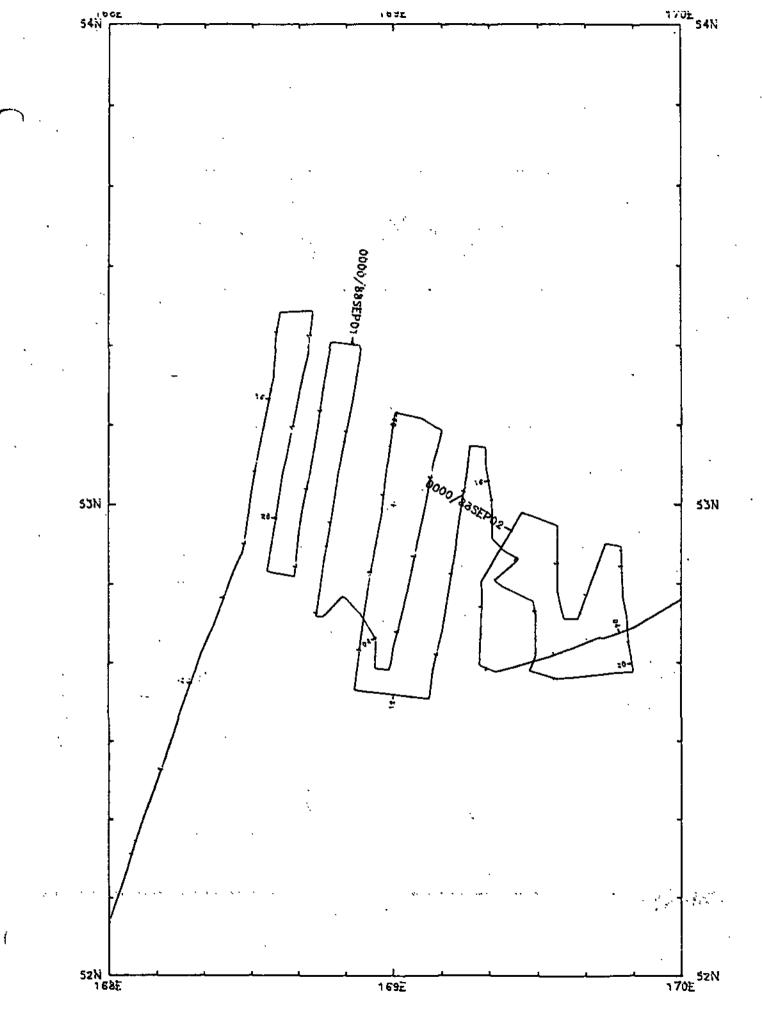




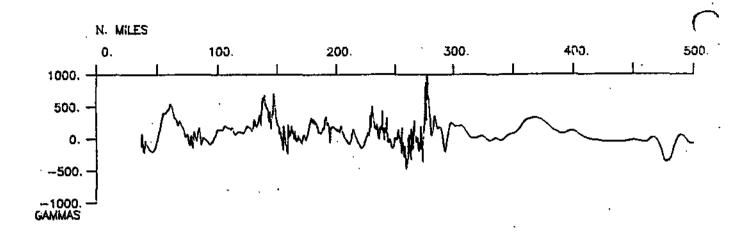
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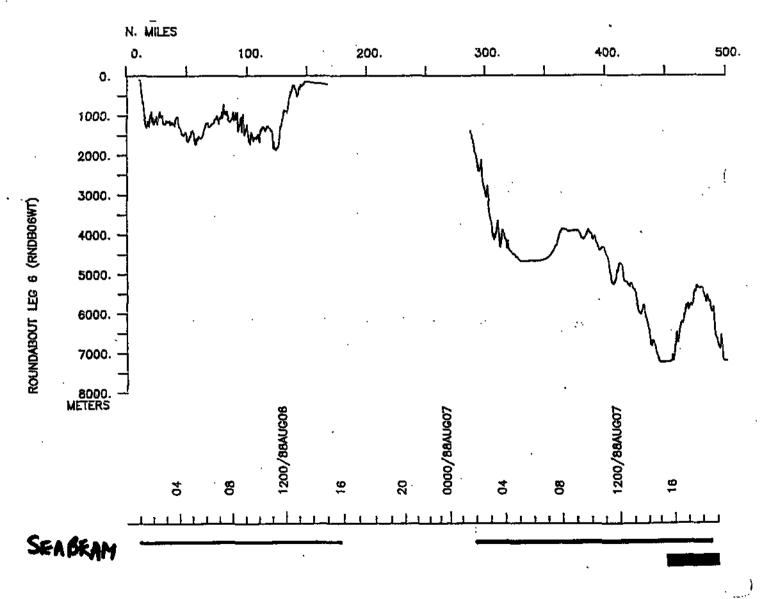


ROUNDABOUT LEG 6 (RNDB06WT) Survey 2

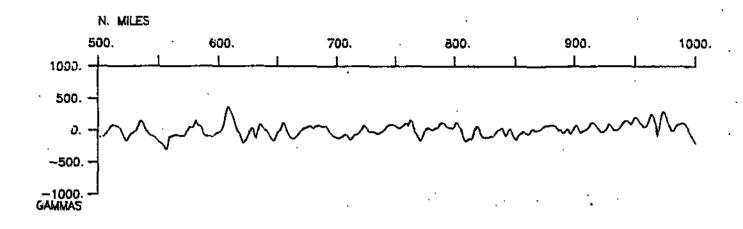


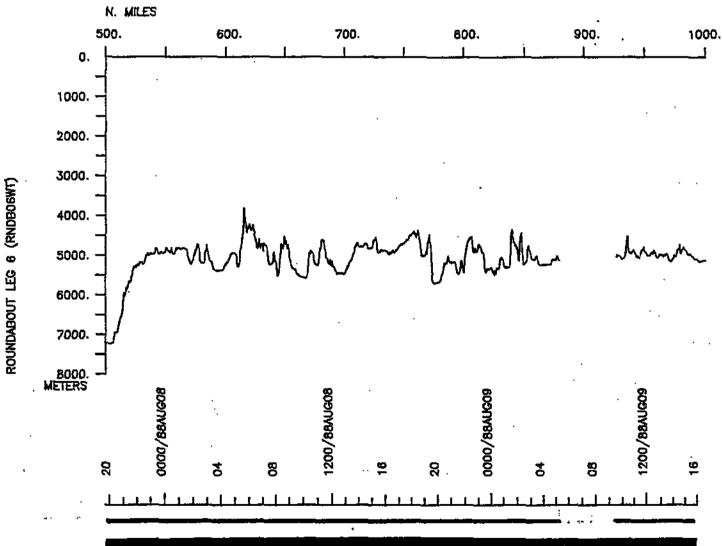
ROUNDABOUT LEG 6 (RNDBOGWT) Survey 3





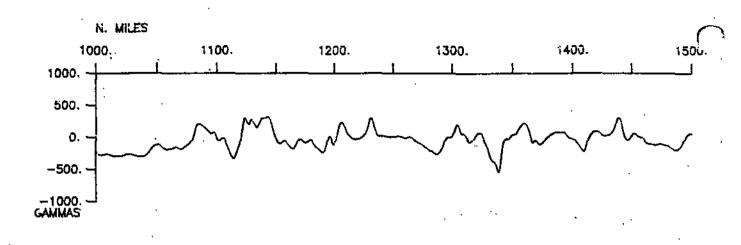
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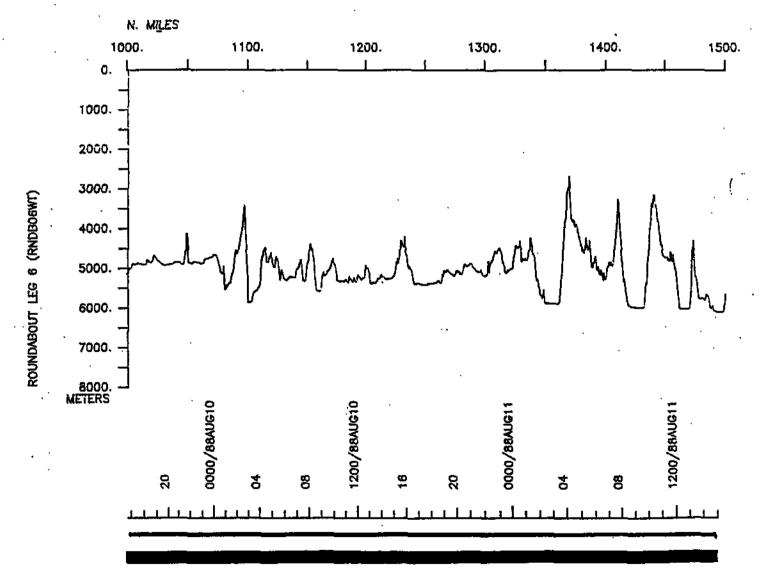




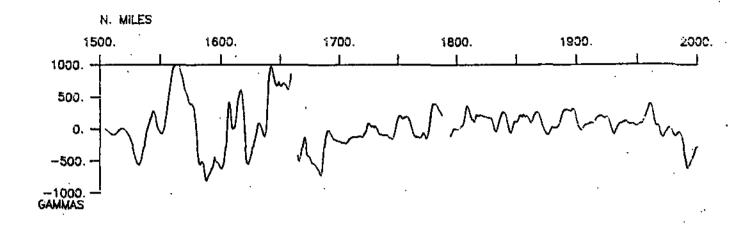
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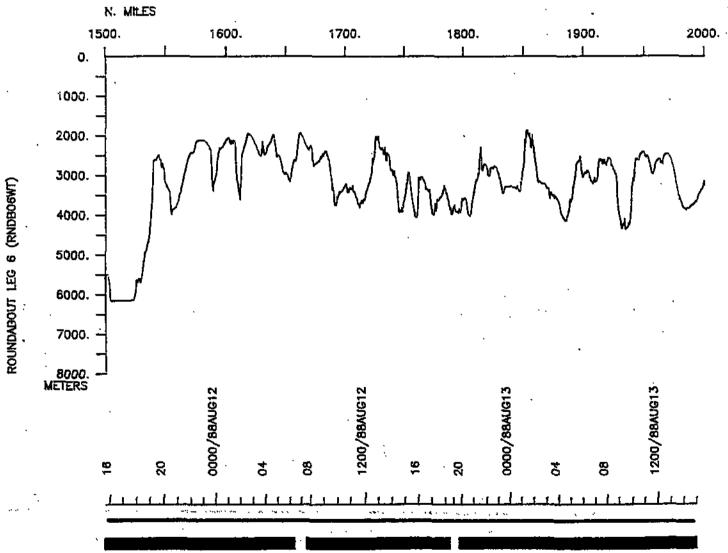
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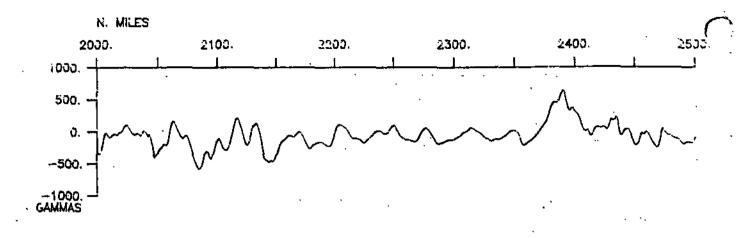


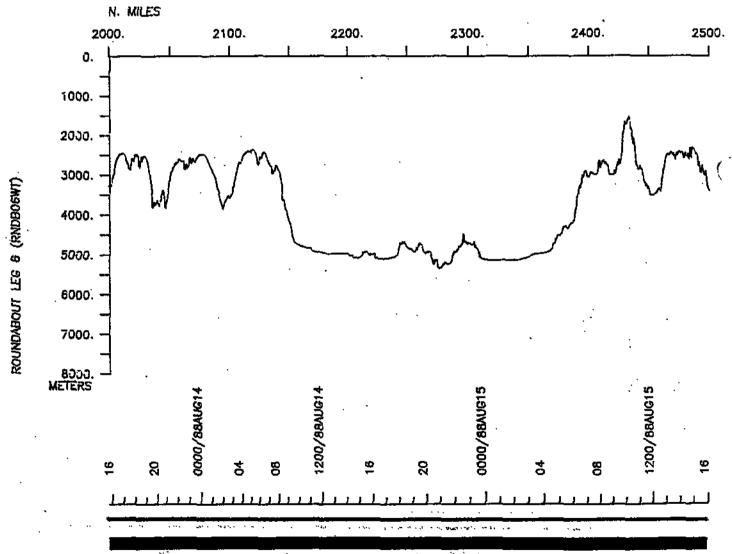


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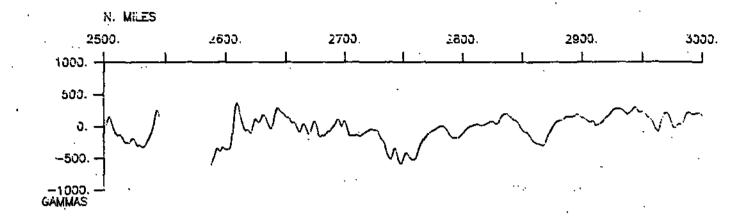


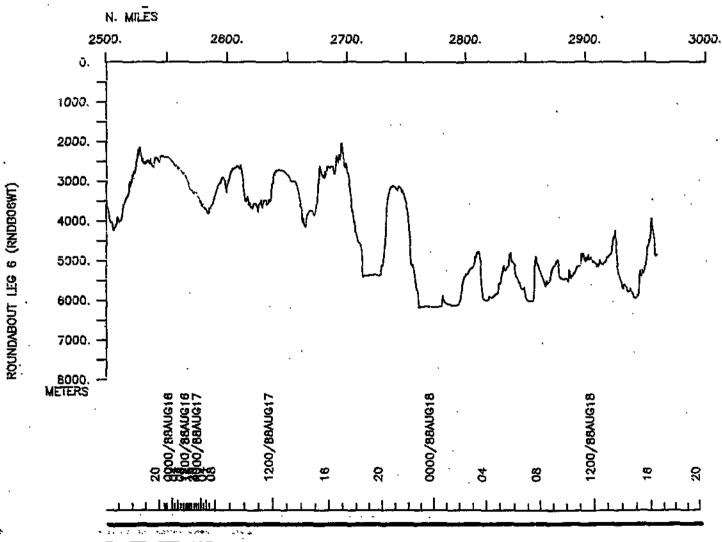




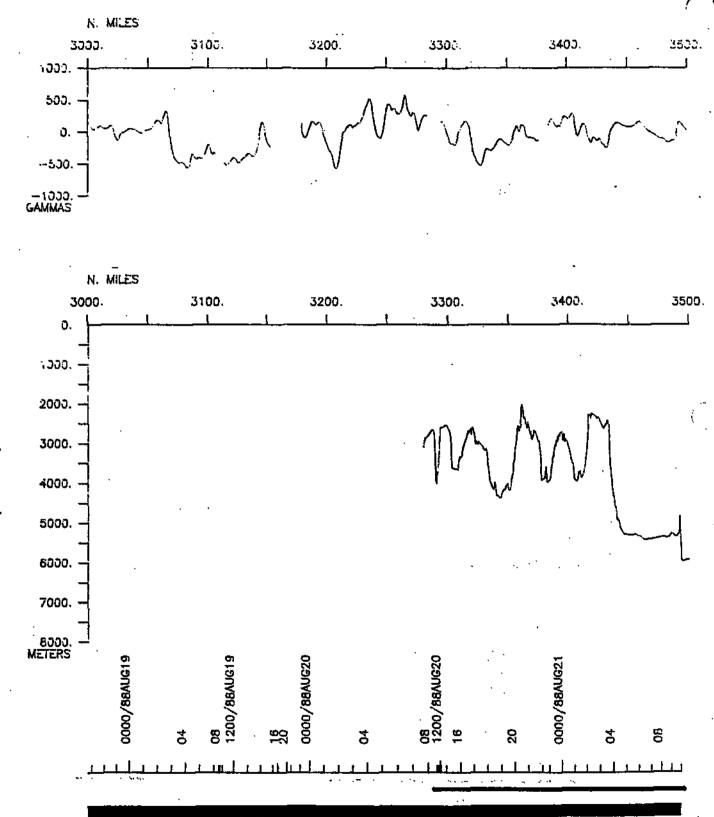
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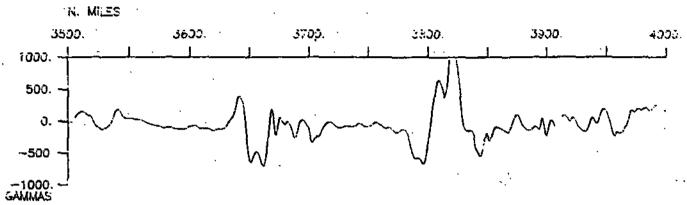


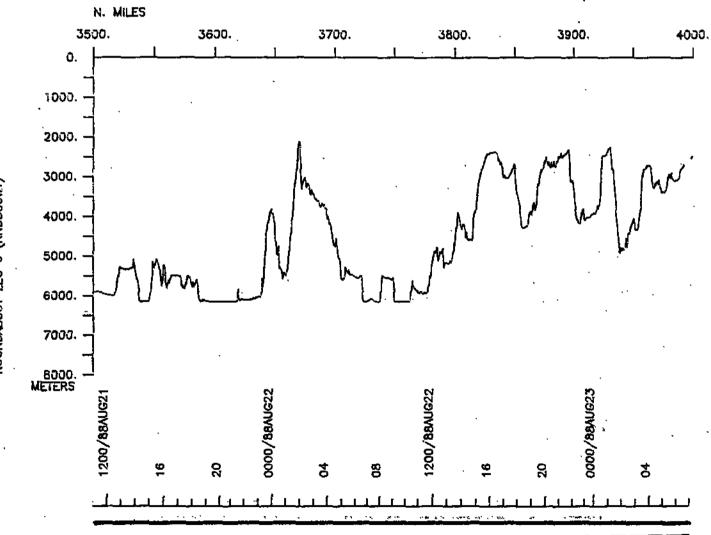


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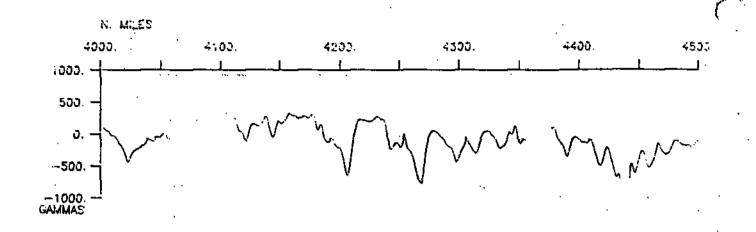
ROUNDABOUT LEG & (RNDBOGWT)

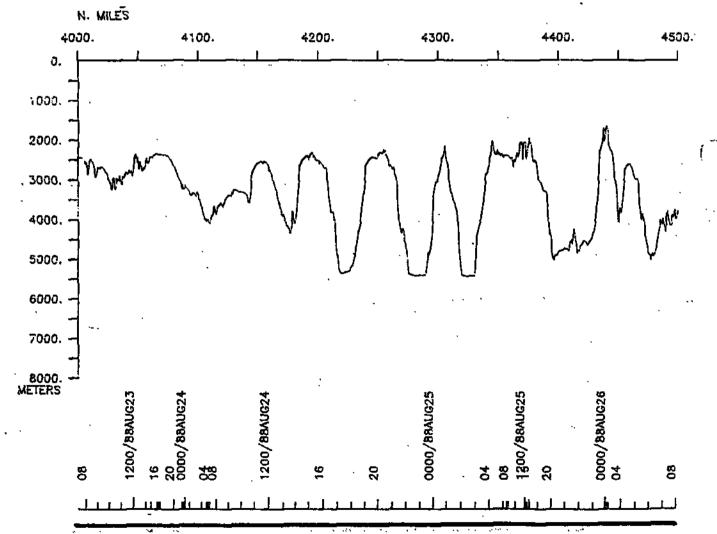




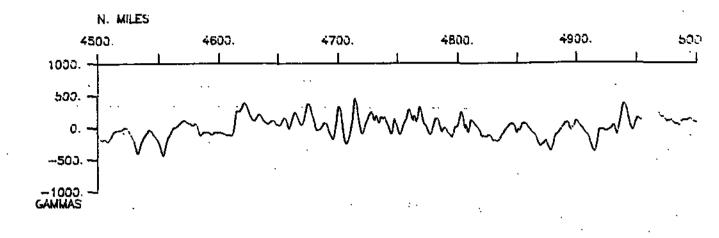
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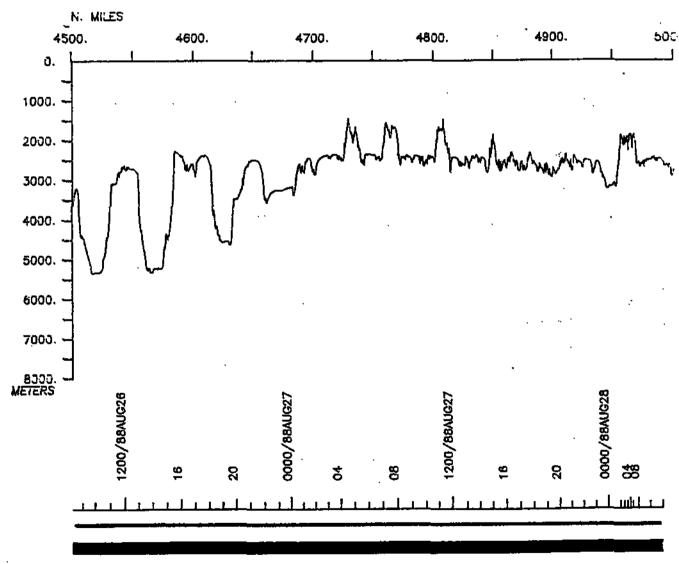
ROUNDABOUT LEG 6 (RNDBOGWT)





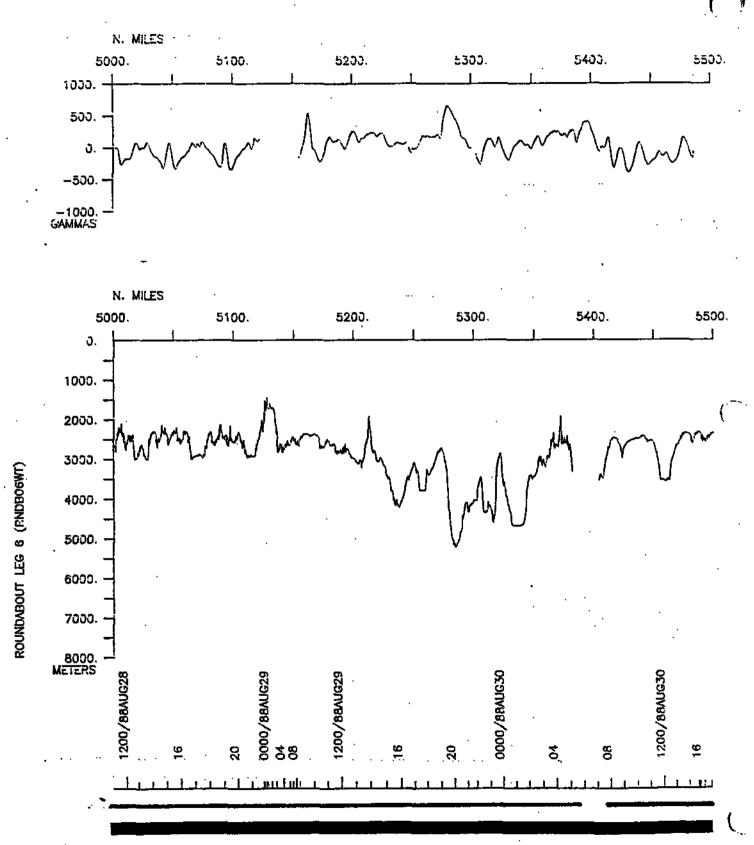
ROUNDABOUT LEG 6 (RNDB06WT)



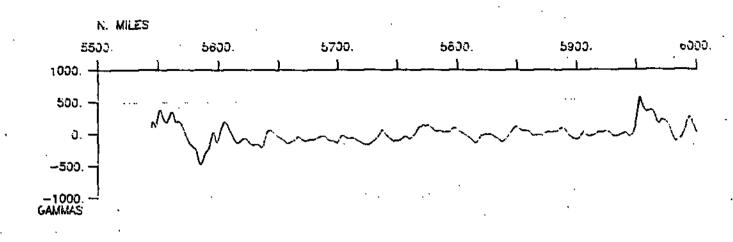


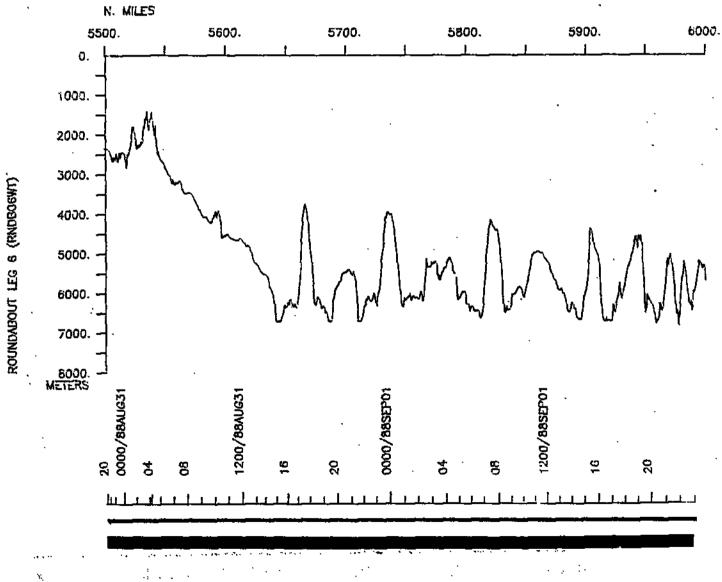
ROUNDABOUT LEG 6 (RNDB06WT)

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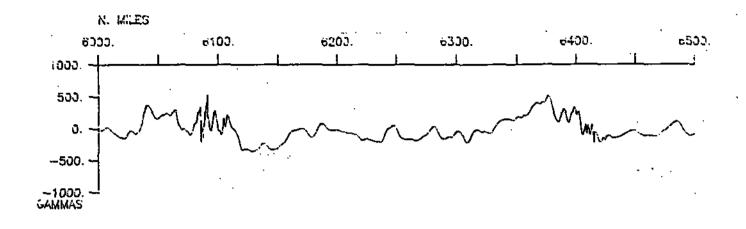


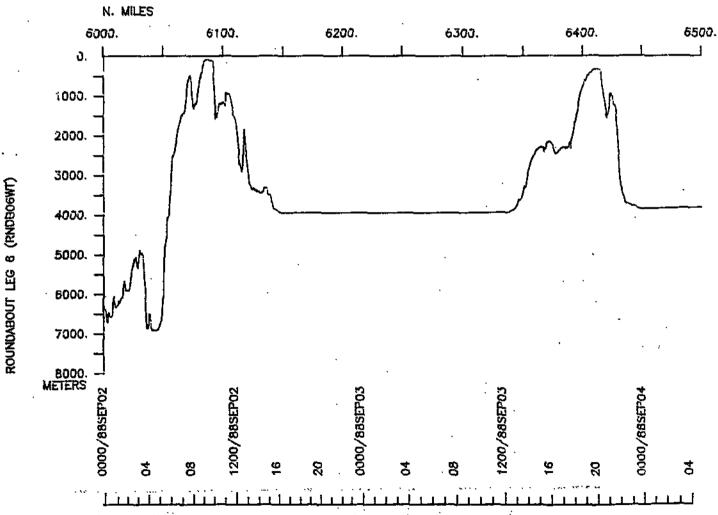
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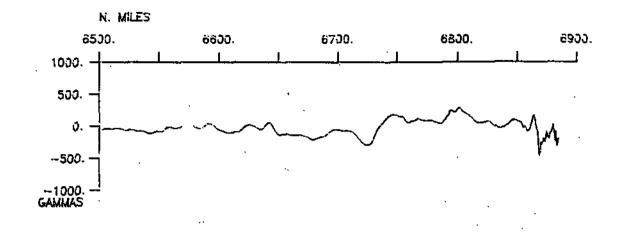




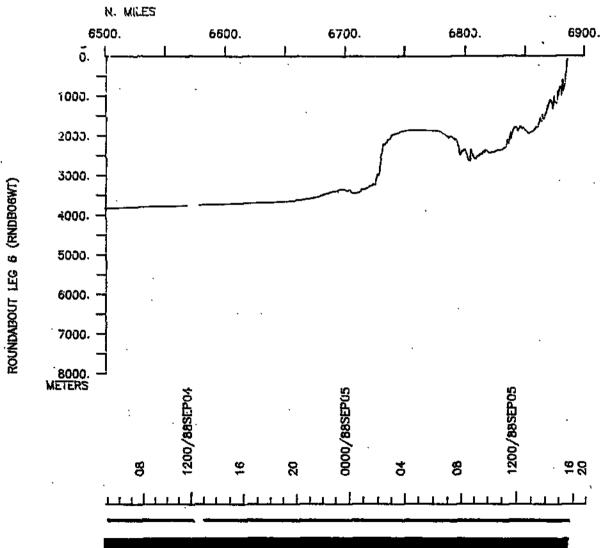
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S.I.O. SAMPLE INDEX

(Issued November 1988)

ROUNDABOUT EXPEDITION

Leg 6

R/V T. Washington

Dutch Harbor, Alaska (5 August 1988) to Dutch Harbor (5 September 1988)

Co-Chief Scientists:

Peter Lonsdale (SIO)

Lloyd Keigwin (WHOI)

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 further computer searches on these parameters. (Listings defining these codes are available from the Geological Data Center.)

GDC Cruise I.D.# 239

by 23 09:28 1988 ROUNDABOUT LEG 6 SAMPLE INDEX Page 1

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| | #*** PORT | S *** | | | | | | | • • |
|---|--|--|----------------------|--|---|---|---|--|--|
| | 2349 0508 1600 0509 | 88 88 | | | HARBOR, HARBOR, | | | 54 N 166-32 W 54 N 166-32 W | |
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#***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. POSITIONS ARE IN TENTHS **#OF MINUTES.** .

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|-------------------|------------------------|-----------------|--------------------|
| #GMT DDMMYY LOC T | SAMP SAMPLE | DISP | CRUISE |
| #TIME DATE TIME Z | CODE IDENTIFIER | CODE LAT. | LONG. LEG-SHIP |
| | CURATOR - S. M. SMITH | | • • • |
| #***LOG BOOKS*** | | | |
| 0130 060888 | LBUW B UNDERWAY WATCH | LOG GDC 54-078N | 166-425W sRNDB06WT |
| 1530 040988 | LBUW B UNDERWAY WATCH | LOG GDC 54-084N | 174-284W sRNDB06WT |
| 0000 190888 | LBSC B ROCK ID LOG | GRD 49-236N | 170-225E sRNDB06WT |
| 0000 050988 - | LBSC E ROCK ID LOG | GRD 54-160N | 171-492W sRNDB06WT |
| 2349 050888 | LBSC B WHOI CORE LOG | WHO 53-552N | 166-298W sRNDB06WT |
| 1600 050988 | LBSC E WHOI CORE LOG | WHO 54-022N | 166-335W sRNDB06WT |
| #*** ECHO SOUNDER | RECORDS *** | | |
| 0100 060888 | MBRM B SB MONITOR R-0 | 1 GDC 54-044N | 166-355W sRNDB06WT |
| 1830 140888 | MBRM E SB MONITOR R-0 | 1 GDC 51-541N | 164-411E sRNDB06 |
| 1840 140888 | MBRM B SB MONITOR R-0: | 2 GDC 51-551N | 164-386E sRNDB06WT |
| 1936 170888 | MBRM E SB MONITOR R-0: | 2 GDC 49-167N | 168-455E sRNDB06WT |
| 1944 170888 | MBRM B SB MONITOR R-0 | 3 GDC 49-158N | 168-474E sRNDBO6WT |
| 0500 240888 | MBRM E SB MONITOR R-0 | 3 GDC 50-482N | 168-049E sRNDBO6WT |
| 0506 240888 | MBRM B SB MONITOR R-0 | 4 GDC 50-481N | 168-048E sRNDBO6WT |
| 1651 280888 | MBRM E SB MONITOR R-0 | 4 GDC 51-272N | 167-192E sRNDBO6WT |
| 1657 280888 | MBRM B SB MONITOR R-0. | 5 GDC 51-284N | 167-191E sRNDBO6WT |
| 1536 010988 | MBRM E SB MONITOR R-0. | 5 GDC 53-073N | 169-186E sRNDBO6WT |
| 1538 010988 | MBRM B SB MONITOR R-00 | 6 GDC 53-073N | 169-186E sRNDB06WT |
| 1544 050988 | MBRM E SB MONITOR R-00 | 6 GDC 54-039N | 166-384W sRNDB06WT |

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pv 18 15:10 1988 ROUNDABOUT LEG 6 SAMPLE INDEX Page 3

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| | SAMP SAMPLE Code identifier | | CRUISE ONG. LEG-SHIP | | | | | |
|----------------------------|--|-----------------|-------------------------|--|--|--|--|--|
| | | | | | | | | |
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| 0727 160888 | DPR3 B EPC 3.5KHZ R-02 DPR3 E EPC 3.5KHZ R-02 | GDC 51-067N 167 | -538E sRNDBO6WT | | | | | |
| 0100 240888 <u>-</u> | DPR3 B EPC 3.5KHZ R-03 | GDC 51-005N 167 | -593E sRNDB06WT | | | | | |
| 1500 300888 | DPR3 E EPC 3.5KHZ R-03 | GDC 51-172N 167 | -280E sRNDB06WT | | | | | |
| 1503 300888 | DPR3 B EPC 3.5KHZ R-04 | GDC 51-173N 167 | -279E sRNDB06WT | | | | | |
| 0522 310888 | DPR3 E EPC 3.5KHZ R-04 | GDC 51-289N 167 | -391E sRNDB06WT | | | | | |
| #*** SEA BEAM ARCHI | EVE SWATH BOOK *** | | | | | | | |
| 0120 060888 | MBSB B SB ARC.SWATH.BK. 01 | GDC 54-066N 166 | -402W sRNDBO6WT | | | | | |
| 2236 070888 | MBSB E SB ARC.SWATH BK. 01 | GDC 49-536N 177 | -220W sRNDBO6WT | | | | | |
| 2236 070888 1338 100888 | MBSB B SB ARC.SWATH BK. 02 MBSB E SB ARC.SWATH BK. 02 | | | | | | | |
| 1338 100888 | MBSB B SB ARC.SWATH BK. 03 | GDC 48-504N 175 | | | | | | |
| 0939 130888 | MBSB E SB ARC.SWATH BK. 03 | GDC 50-433N 166 | | | | | | |
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| 0911 170888 | MBSB E SB ARC.SWATH BK. 04 | GDC 50-535N 167 | -509E sRNDBO6WT | | | | | |
| 0911 170888 1602 210888 | MBSB B SB ARC.SWATH BK. 05 MBSB E SB ARC.SWATH BK. 05 | | | | | | | |
| 1602 210888 | MBSE B SB ARC.SWATH BK. 06 | GDC 48-419N 167 | | | | | | |
| 0341 230888 | MBSB E SB ARC.SWATH BK. 06 | GDC 50-040N 167 | | | | | | |
| 0341 230888 | MBSB B SB ARC.SWATH BK. 07 | GDC 50-040N 167 | | | | | | |
| 1320 260888 | MBSB E SB ARC.SWATH BK. 07 | GDC 49-327N 167 | | | | | | |

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| #GMT | DDMMYY LOC T | SAMP | SAMPLE | | DISP | | | CRUISE |
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| | DDMMYY LOC T E DATE TIME Z | CODE | | | CODE | | LONG. | LEG-SHIP |
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| 1320 | 260888 280888 | MBSB B MBSB E | SB ARC.SWATH | BK. 08 BK. 08 | GDC GDC | 49-327N 50-435N | 167-450E 167-350E | sRNDBO6WT sRNDBO6WT |
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| 2312 | 280888 300888 | MBSB E | SB ARC.SWATH | BK. 09 | GDC | | | sRNDB06WT |
| 2312 | 300888 | MBSB B | SB ARC. SWATH | BK. 10 | GDC | 51-153N | 167-331E | sRNDB06WT |
| 1507 | 300888 010988 | MBSB E | SB ARC.SWATH | BK. 10 | GDC | 53-031N | 169-150E | sRNDB06WT |
| 1507 | 010988 ⁻ 030988 | MBSB B | SB ARC.SWATH | BK. 11 | GDC | 53-031N | 169-150E | sRNDB06WT |
| 0423 | 030988 | MBSB E | SB ARC.SWATH | BK. 11 | GDC | 53-421N | 175-388E | sRNDB06WT |
| 0423 | 030988 040988 | MBSB B | SB ARC.SWATH | BK. 12 | | | | sRNDBO6WT |
| | | | | | | • | | sRNDBO6WT |
| 2134 | 040988 050988 | MBSB B | SB ARC.SWATH | BK. 13 | GDĊ | 54-142N | 172-343W | SRNDBO6WT |
| 1220 | 020400 | ND3D E | SD AKC.SWAIN | DK. 13 | GΠĊ | J4-032N | 100-2028 | SKNDDOOWI |
| | | | | | | | | |
| *** | MAGNETIC (EART | Η ΤΟΤΑΙ. | FIELD) RECORD | *** 2 | | | | . (|
| • • | MAGNETIC (EART | | | | | | | · · (|
| • • | | | | | GDC GDC | 54-002N 49-240N | 167-114W 168-317E | sRNDBO6WT sRNDBO6WT |
| 0316 1832 | 060888 170888 | MGRA B Mgra E | MAGNETICS R-O MAGNETICS R-O | : 1 1 | | | | |
| 0316 1832 | 060888 170888 | MGRA B Mgra E | MAGNETICS R-O MAGNETICS R-O | : 1 1 | | | | |
| 0316 1832 1839 0220 | 060888 170888 170888 020988 | MGRA B Mgra E Mgra B Mgra E | MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O | 1 1 2 2 | GDC GDC | 49-231N 52-391N | 168-331E 169-226E | sRNDBO6WT sRNDBO6WT |
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| 0316 1832 1839 0220 0226 1544 #*** 1505 | 060888 170888 020988 020988 050988 SEISMIC REFLEC 070888 | MGRA B MGRA B MGRA E MGRA B MGRA B MGRA E TION RE SPRF B | MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O CORDS *** WATER GUN R-O | 1 2 2 3 3 3 | GDC GDC GDC GDC | 49-231N 52-391N 52-394N 54-039N 50-282N | 168-331E 169-226E 169-242E 166-384W | sRNDBO6WT sRNDBO6WT sRNDBO6WT sRNDBO6WT |
| 0316 1832 1839 0220 0226 1544 #*** 1505 | 060888 170888 020988 020988 050988 SEISMIC REFLEC | MGRA B MGRA B MGRA E MGRA B MGRA B MGRA E TION RE SPRF B | MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O CORDS *** | 1 2 2 3 3 3 | GDC GDC GDC GDC | 49-231N 52-391N 52-394N 54-039N 50-282N | 168-331E 169-226E 169-242E 166-384W | sRNDBO6WT sRNDBO6WT sRNDBO6WT sRNDBO6WT |
| 0316 1832 1839 0220 0226 1544 #*** 1505 1916 1920 | 060888 170888 020988 020988 050988 SEISMIC REFLEC 070888 090888 | MGRA B MGRA B MGRA E MGRA B MGRA E TION RE SPRF B SPRF B SPRF B | MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O CORDS *** WATER GUN R-O WATER GUN R-O WATER GUN R-O | 1 2 2 3 3 3 | GDC GDC GDC GDC GDC GDC GDC | 49-231N 52-391N 52-394N 54-039N 50-282N 49-251N 49-251N | 168-331E 169-226E 169-242E 166-384W 176-432W 179-042E 179-032E | SRNDBOGWT SRNDBOGWT SRNDBOGWT SRNDBOGWT SRNDBOGWT SRNDBOGWT |
| 0316 1832 1839 0220 0226 1544 #*** 1505 1916 1920 | 060888 170888 020988 020988 050988 SEISMIC REFLEC 070888 090888 | MGRA B MGRA B MGRA E MGRA B MGRA E TION RE SPRF B SPRF B SPRF B | MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O MAGNETICS R-O CORDS *** WATER GUN R-O WATER GUN R-O | 1 2 2 3 3 3 | GDC GDC GDC GDC GDC GDC GDC | 49-231N 52-391N 52-394N 54-039N 50-282N 49-251N 49-251N | 168-331E 169-226E 169-242E 166-384W 176-432W 179-042E 179-032E | SRNDBOGWT SRNDBOGWT SRNDBOGWT SRNDBOGWT SRNDBOGWT SRNDBOGWT |

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| #GMT DDMMYY LOC T #TIME DATE TIME Z # | CODE IDENTIFIE | | DISP CODE LAT. | LONG. | CRUISE LEG-SHIP |
|---|--------------------------------------|----------------------------|----------------------------|----------------------|------------------------|
| " 1513 140888 1551 210888 | | R-03 R-03 | GDC 51-333N GDC 48-436N | 165-297E 166-593E | sRNDBO6WT sRNDBO6WT |
| 1555 210888 2135 280888 | SPRF B WATER.GUN SPRF E WATER GUN | .R-04 R-04 | GDC 48-430N GDC 51-328N | 167-001E 167-291E | sRNDBO6WT sRNDBO6WT |
| 0854 290888 0147 020988 | SPRF B WATER GUN SPRF E WATER GUN | R-05 R-05 | GDC 51-189N GDC 52-397N | 167-320E 169-179E | sRNDBO6WT sRNDBO6WT |
| -1505 070888 0141 120888 | SPRS B AIRGUN SPRS E AIRGUN | R-01 | GDC 50-282N GDC 48-428N | 176-432W 168-005E | sRNDBO6WT sRNDBO6WT |
| 0144 120888 2205 170888 | SPRS B AIRGUN SPRS E AIRGUN | R-02 R-02 | GDC 48-424N GDC 49-023N | | |
| 2207 170888 1041 230888 | SPRS B AIRGUN SPRS E AIRGUN | R-03 R-03 | GDC 49-022N GDC 51-150N | | |
| 1044 230888 2313 270888 | SPRS E AIRGUN | R-04 R-04 | GDC 50-512N | 167-318E | sRNDB06WT |
| 2315 270888 0147 020988 | SPRS B AIRGUN SPRS E AIRGUN | R-05 R-05 | GDC 50-509N GDC 52-397N | 167-319E 169-179E | sRNDBO6WT sRNDBO6WT |
| #*** CURRENT METERS | *** | | | | |
| 0711 120888 2052 190888 | CNAB B CURRENT M CNAB E CURRENT M | | | | |
| 1852 120888 2300 200888 | CMAB B CURRENT M CMAB E CURRENT M | TR 02 3972M TR 02 3972M | MPL 49-544N MPL 49-544N | | |
| 1923 120888 2229 200888 | | | | | |

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| #GMT DDMMYY LOC T #TIME DATE TIME Z # | SAMP SAMPLE CODE IDENTIFIER | DISP CODE LAT. | CRUISE LONG, LEG-SHIP |
|---|--|---|---|
| 2326 220888 2200 290888 | CMAB B CURRENT MTR 04 CMAB E CURRENT MTR 04 | | 167-408E sRNDBO6WT 167-399E sRNDBO6WT |
| 1333 230888 1835 300888 | CMAB B CURRENT MTR 05 CMAB E CURRENT. MTR 05 | | 167-310E sRNDB06WT 167-310E sRNDB06WT |
| 1436 230888 2045 300888 | CMAB B CURRENT METER (CMAB E CURRENT METER (| | 167-406E sRNDB06WT 167-402E sRNDB06WT |
| #*** GRAVITY CORES* | ** | | |
| 2150 150888 0046 160888 0236 160888 0446 160888 0700 160888 0930 160888 1133 160888 1318 160888 1505 160888 1711 160888 2006 160888 2208 160888 0022 170888 0226 170888 0430 170888 | COGV RNDB01 COGV RNDB02 COGV RNDB03 COGV RNDB04 COGV RNDB05 COGV RNDB05 COGV RNDB06 COGV RNDB07 COGV RNDB09 COGV RNDB09 COGV RNDB10 COGV RNDB11 COGV RNDB11 COGV RNDB13 COGV RNDB13 COGV RNDB14 COGV RNDB15 COGV RNDB16 | 2507MWHO51-073N2604MWHO51-063N2690MWHO51-058N2804MWHO51-066N2920MWHO51-056N3030MWHO51-049N3100MWHO51-048N3224MWHO51-047N3185MWHO51-044N3196MWHO51-038N3308MWHO51-038N3507MWHO51-037N3584MWHO51-031N | 167-495E sRNDB06WT 167-507E sRNDB06WT 167-543E sRNDB06WT 167-549E sRNDB06WT 167-571E sRNDB06WT 167-588E sRNDB06WT 168-002E sRNDB06W 168-001E sRNDB06WT 168-019E sRNDB06WT 168-035E sRNDB06WT |
| 2227 190888 0624 250888 0155 280888 0205 290888 0410 290888 0602 290888 0751 290888 1538 300888 1652 300888 1947 300888 | COGV RNDB16 COGV RNDB17 COGV RNDB18 COGV RNDB20 COGV RNDB21 COGV RNDB22 COGV RNDB23 COGV RNDB23 COGV RNDB24 COGV RNDB25 COGV RNDB25 COGV RNDB26 COGV RNDB27 | 2400MWHO48-481N2382MWHO49-448N1945MWHO50-353N1721MWHO51-290N2727MWHO51-243N2646MWHO51-218N2551MWHO51-192N2325MWHO51-171N2331MWHO51-170N2335MWHO51-180N | 168-263E sRNDB06WT 168-193E sRNDB06WT 167-243E sRNDB06WT 167-363E sRNDB06WT 167-241E sRNDB06WT 167-249E sRNDB06WT 167-308E sRNDB06WT 167-275E sRNDB06WT 167-266E sRNDB06WT |

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| #GMT DDMMYY LOC T #TIME DATE TIME Z # | CODE | IDENTIFIER | C | ISP ODE LAT. | LONG. | LEG-SHIP |
|---|--|--|----------------------------------|--|--|--|
| #*** ROCK DREDGES ** | * * | | | | | • |
| 0803 190888 0956 190888 | | | | GCR 49-141N GCR 49-131N | | |
| 1639 190888 1808 190888 | | DREDGE DRO6 DREDGE DRO6 | 2730M 2375M | GCR 48-534N GCR 48-529N | 168-050E 168-056E | sRNDB06WT sRNDB06WT |
| 0900 200888 - 1325 200888 - | | DREDGE DR07 DREDGE DR07 | 3880M 3880M | GCR 48-432N GCR 48-441N | 169-175E 169-146E | sRNDB06WT sRNDB06WT |
| 1200 250888 1355 250888 | | DREDGE DRO8 DREDGE DRO8 | | GCR 49-351N GCR 49-355N | | |
| 1552 250888 1739 250888 | | DREDGE DRO9 DREDGE DRO9 | | GCR 49-347N GCR 49-361N | | |
| 0119 260888)211 260888 | | DREDGE DR10 DREDGE DR10 | | GCR 48-492N GCR 48-493N | | |
| 0429 280888 0540 280888 | | DREDGE DR11 DREDGE DR11 | | GCR 50-372N GCR 50-362N | | |
| 2306 280888 0020 290888 | DRRO B DRRO E | DREDGE DR12 DREDGE DR12 | | GCR 51-306N GCR 51-310N | | |
| 0215 310888 0455.310888 | | DREDGE DR13 DREDGE DR13 | | GCR 51-271N GCR-51-285N | | |
| #*** PISTON CORES * | ** | · | | | | |
| 1723 230888 1723 230888 2256 230888 2256 230888 0445 240888 0445 240888 0445 240888 0900 250888 0900 250888 | COPS COPG COPS COPS COPS COPS COPS COPG | RNDB10P RNDB10PG RNDB11P RNDB11PG RNDB12P RNDB12PG RNDB13P RNDB13PG | 2322M 3193M 3193M 4008M | WHO 51-186N WHO 51-186N WHO 51-049N WHO 51-049N WHO 50-484N WHO 50-484N WHO 49-441N WHO 49-441N | 167-393E 167-596E 167-596E 168-050E 168-050E 168-184E | SRNDBO6WT SRNDBO6WT SRNDBO6WT SRNDBO6WT SRNDBO6WT SRNDBO6WT |

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#GMT DDMMYY LOC T DISP SAMP SAMPLE CRUISE IDENTIFIER CODE LAT. LONG. #TIME DATE TIME Z CODE LEG-SHIP #*** EXPENDABLE BATHYTERMOGRAPHS *** 2349 050888 BTXP B NUMBER OF XBTS=45 NOA 53-552N 166-298W sRNDBO6WT BTXP E NUMBER OF XBTS=45 NOA 54-022N 166-335W sRNDB06WT 1600 050988 **#*** THERMOGRAPH RECORDS ***** GDC 53-552N 166-298W sRNDB06WT GDC 54-022N 166-335W sRNDB06WT TGRC B RECORDS 1-29 TGRC E RECORDS 1-29 2349 050888 1600 050988

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#*** END SAMPLE INDEX