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.

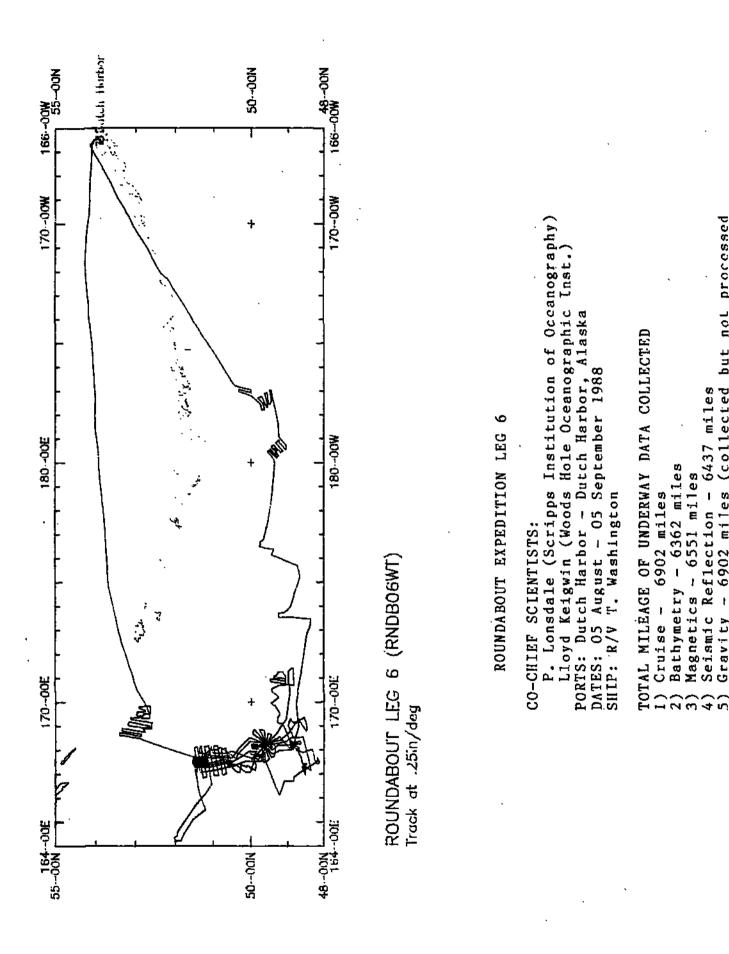
2) Microfilm (35mm flowfilm) containing swath books plus, for some cruises, the Sea Beam monitor record and navigation list.

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).

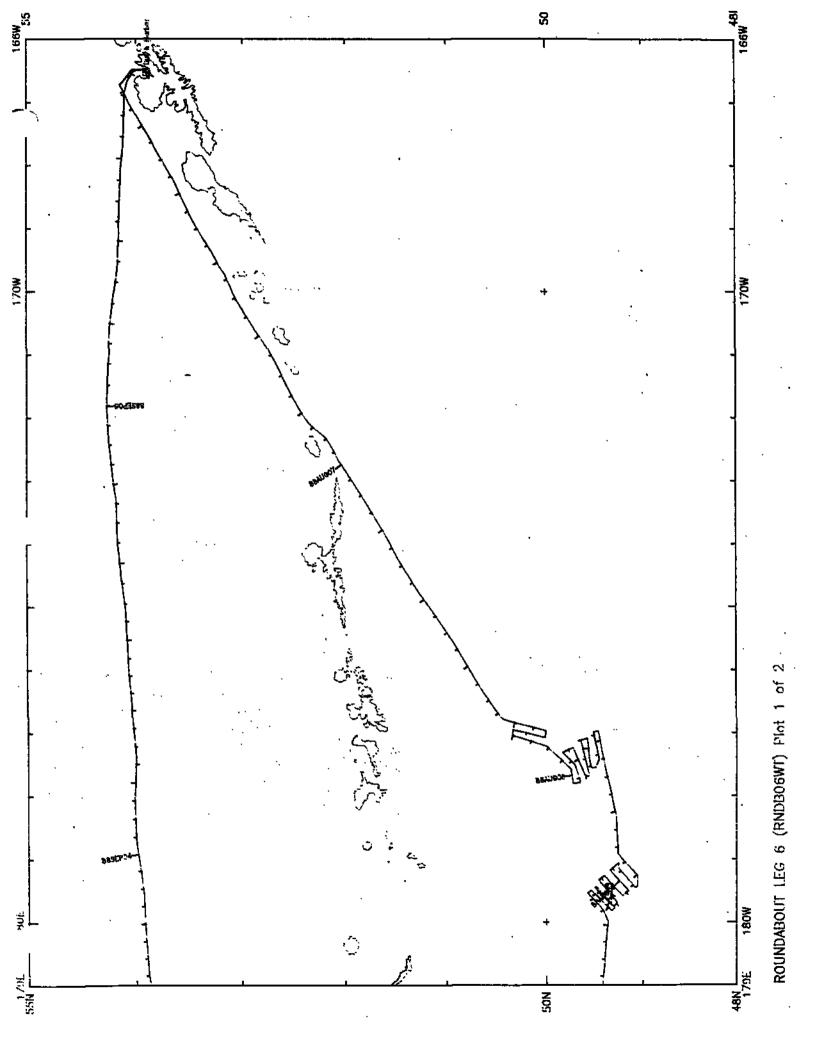
revised October 1986

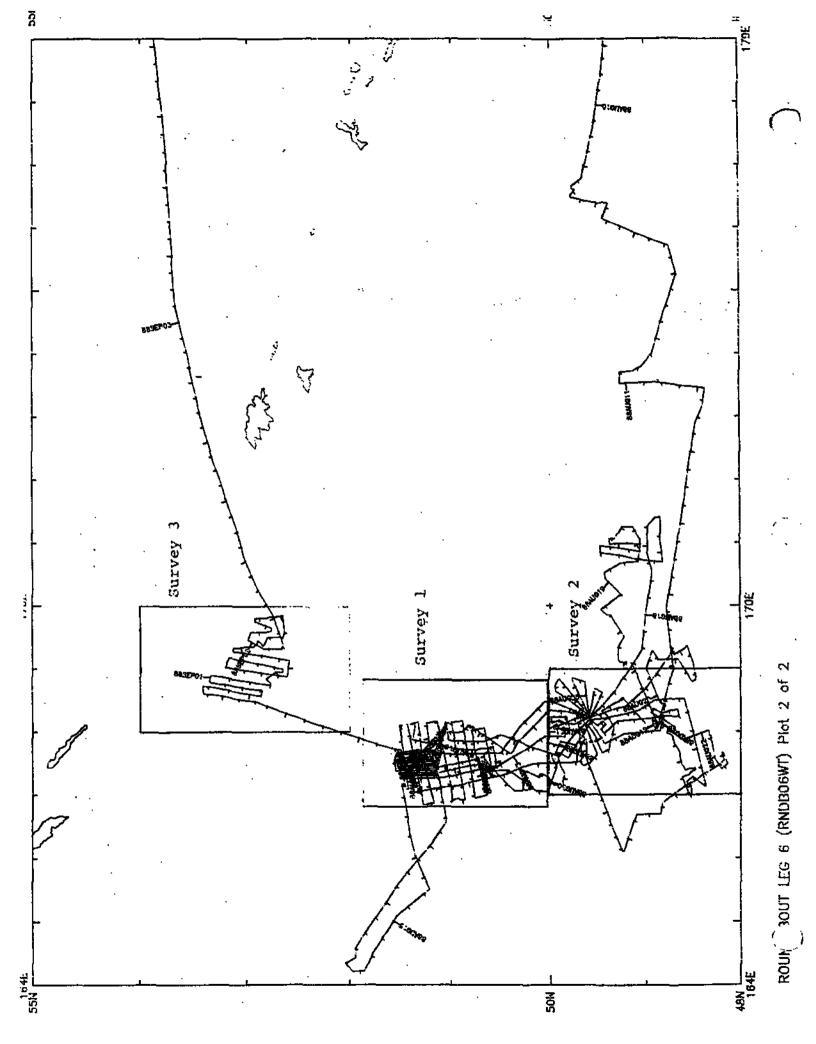


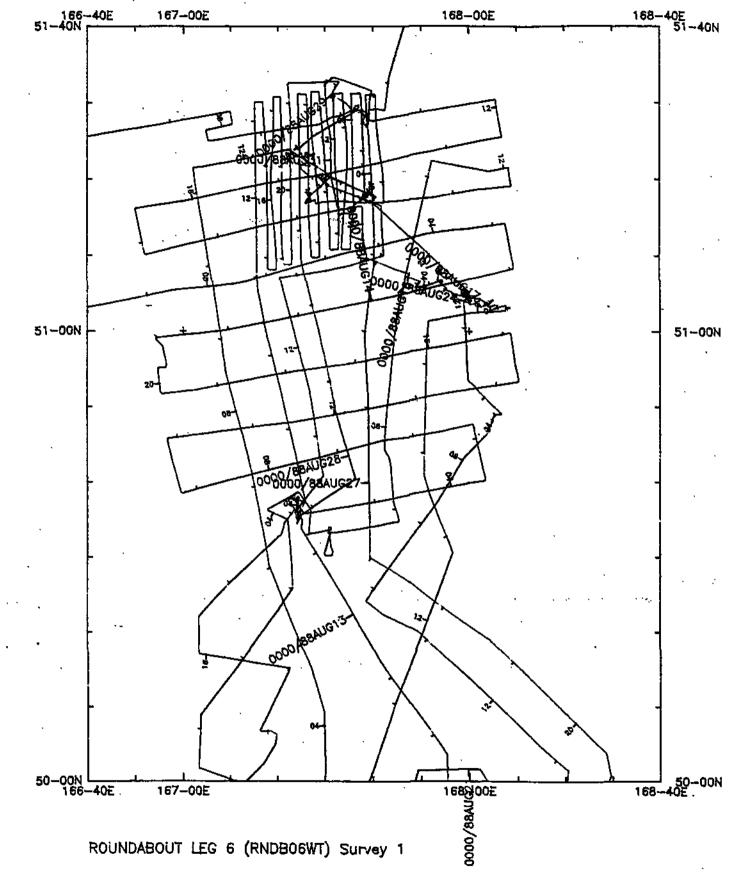
6) Sea Beam - 6362 milos

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

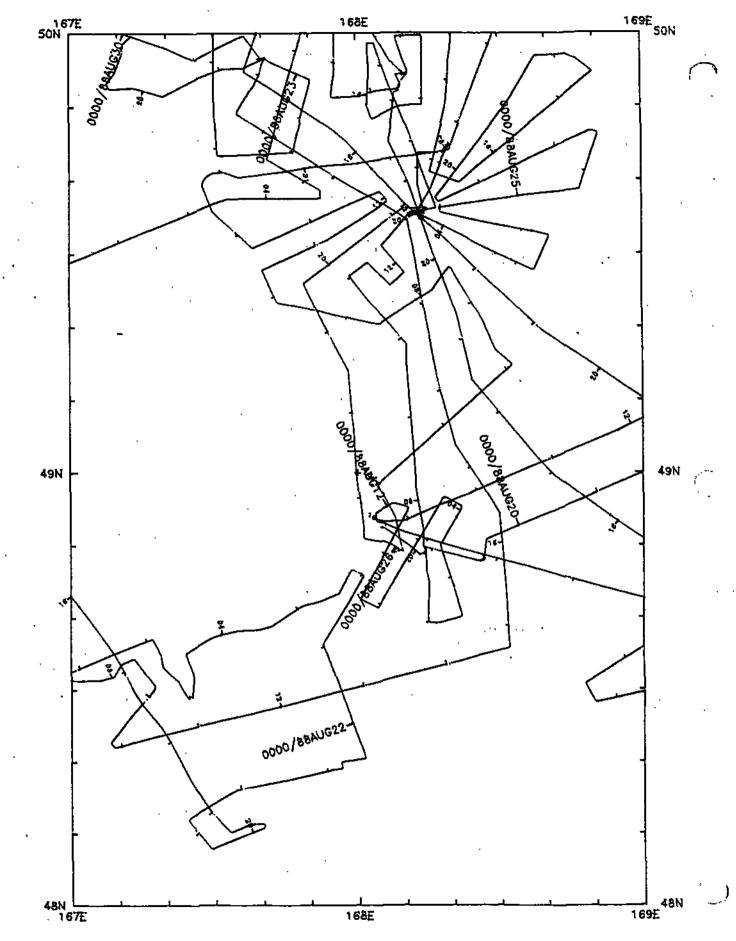
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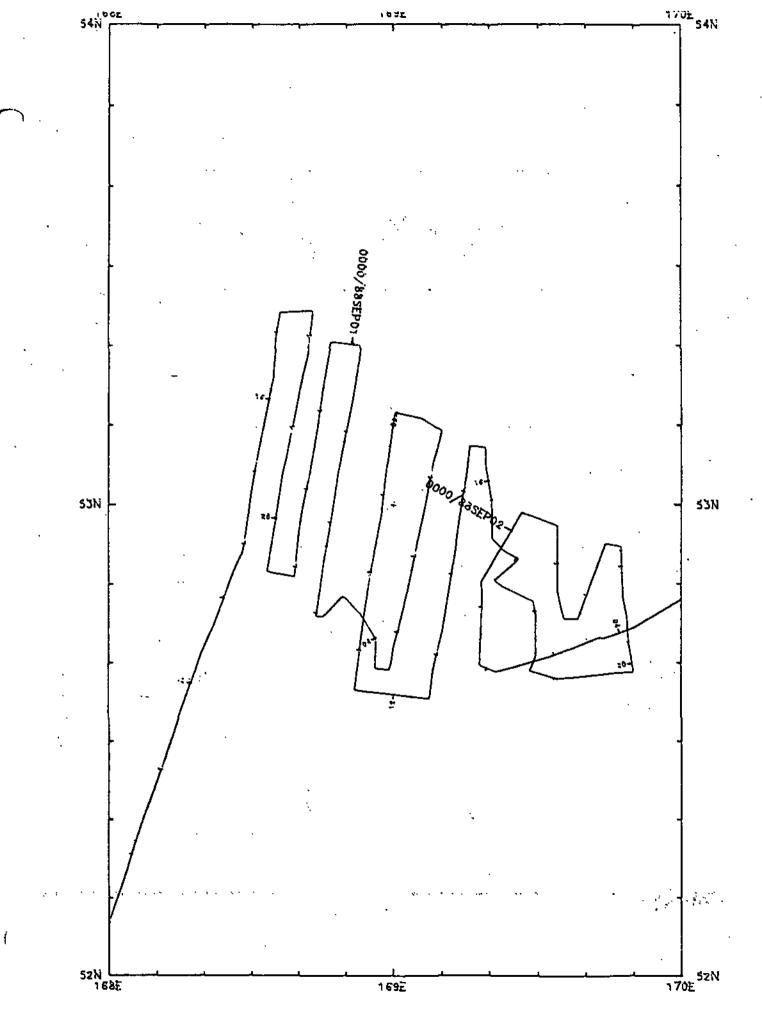




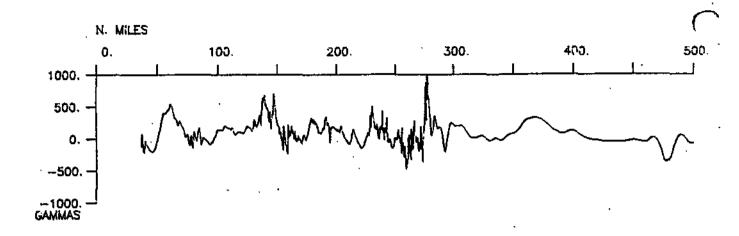
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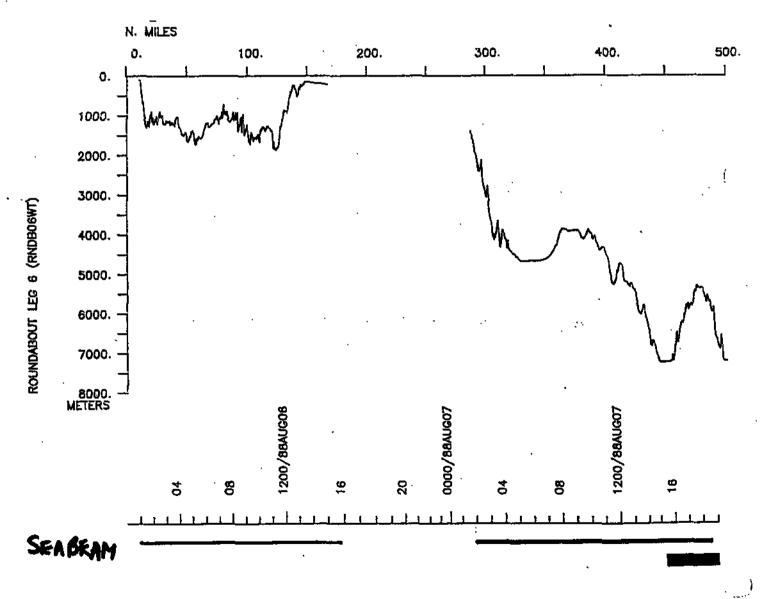


ROUNDABOUT LEG 6 (RNDB06WT) Survey 2

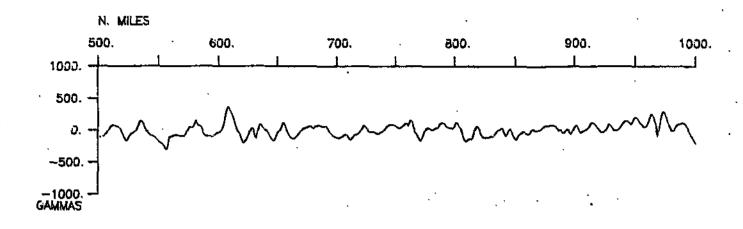


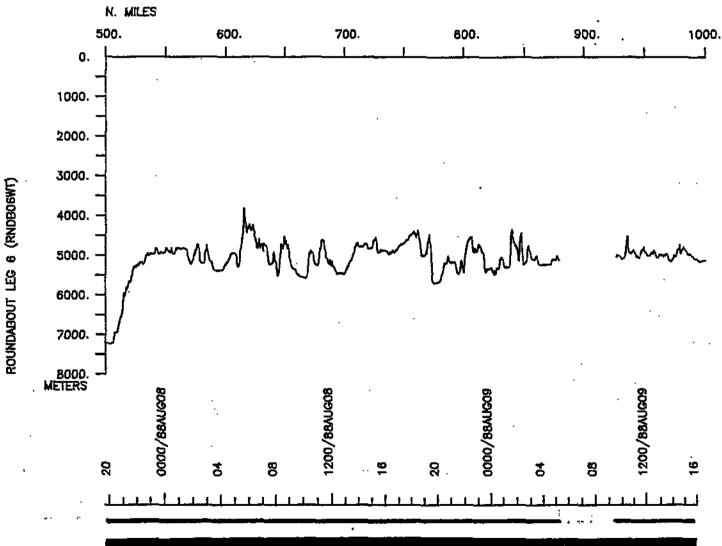
ROUNDABOUT LEG 6 (RNDBOGWT) Survey 3





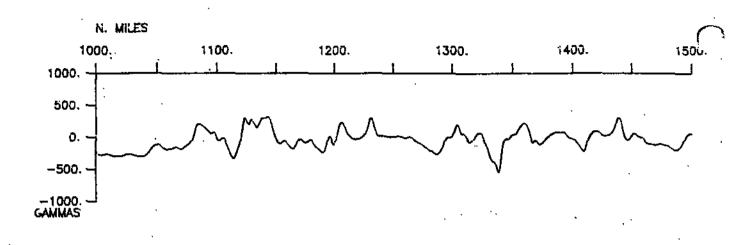
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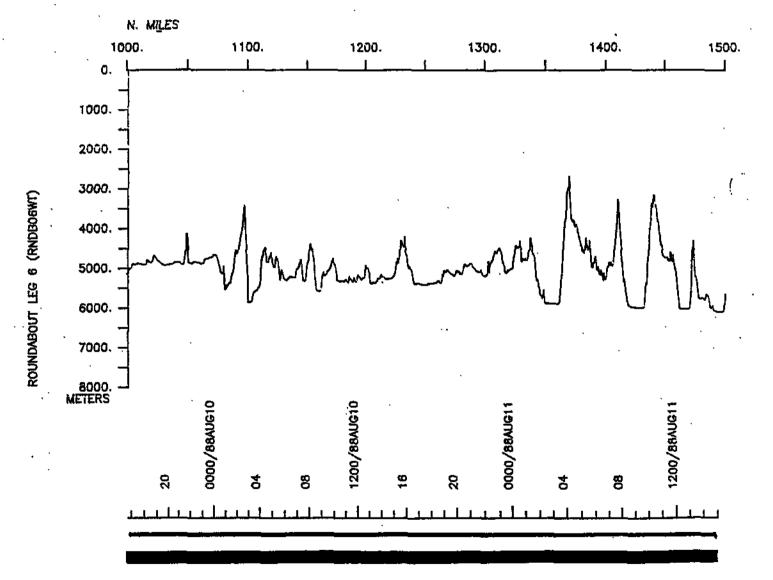




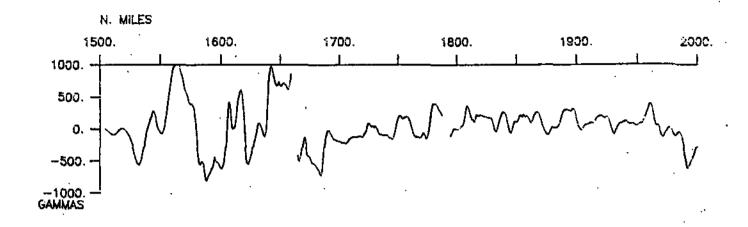
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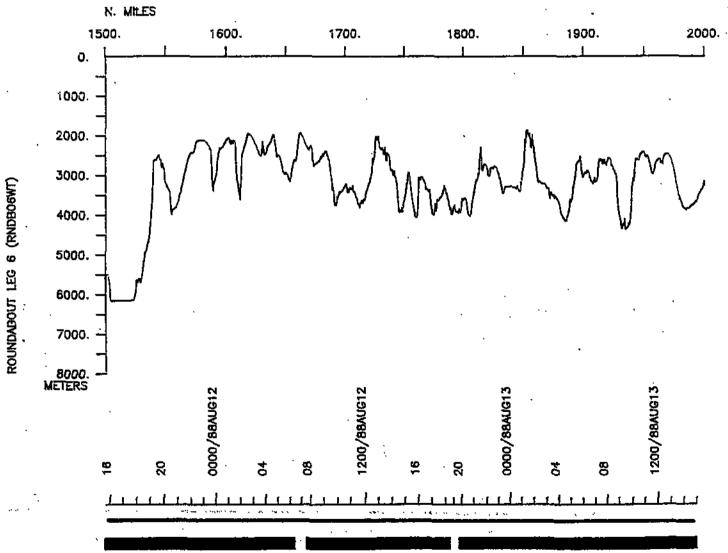
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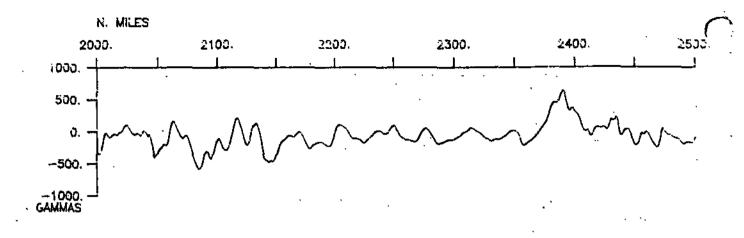


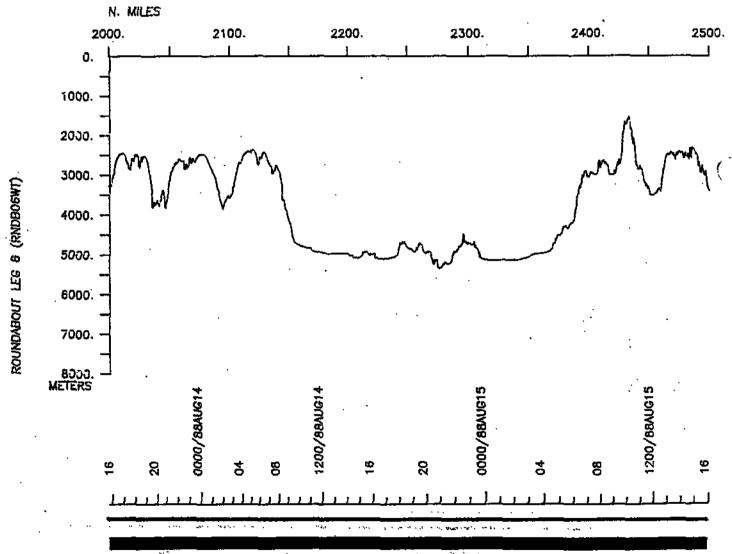


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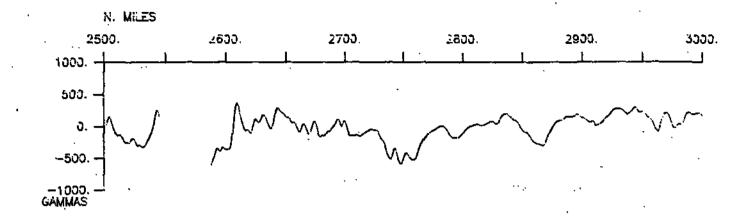


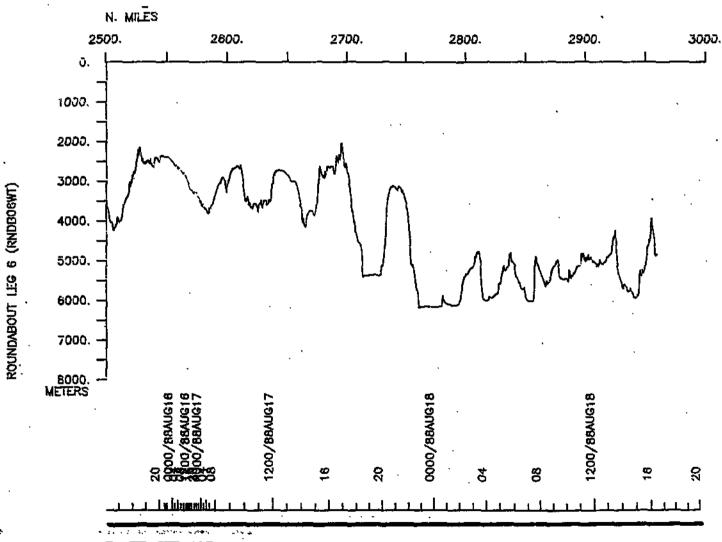




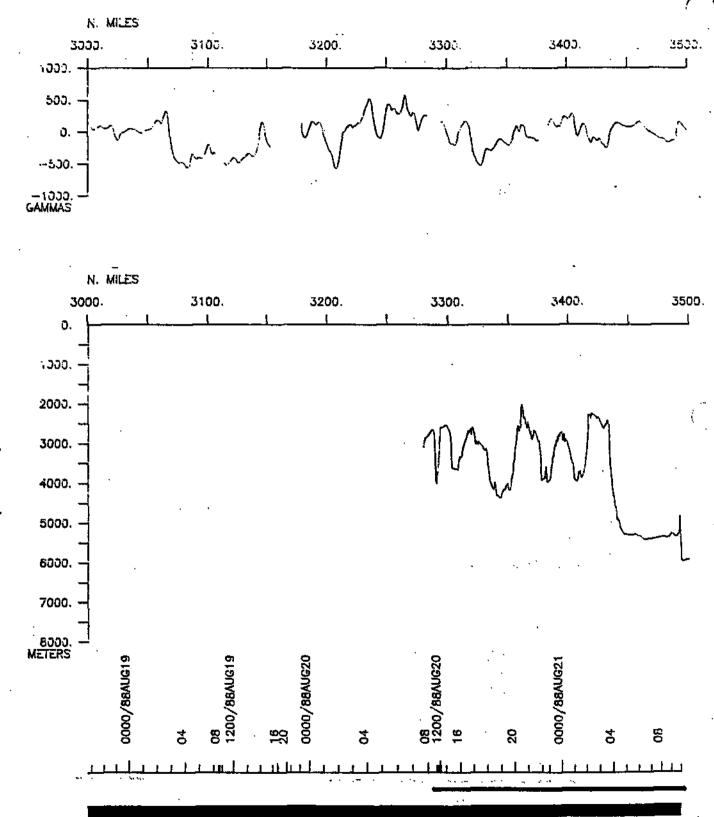
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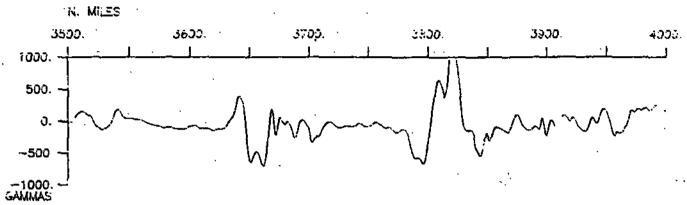


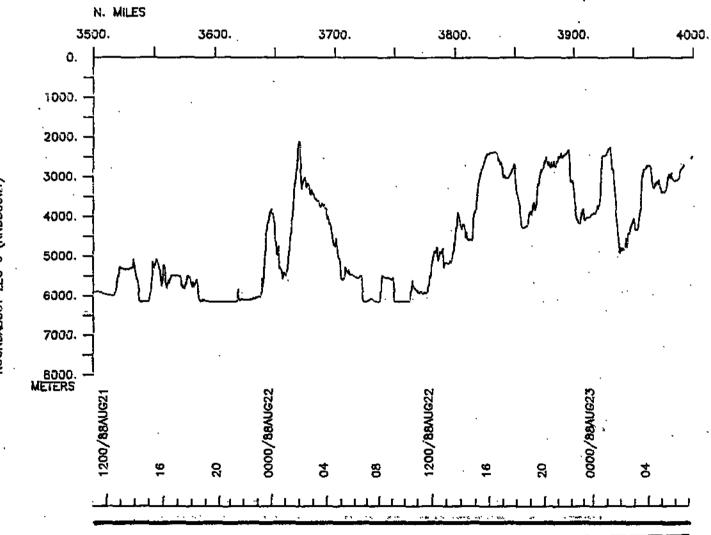


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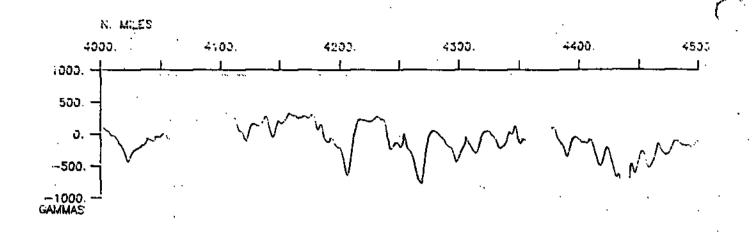
ROUNDABOUT LEG & (RNDBOGWT)

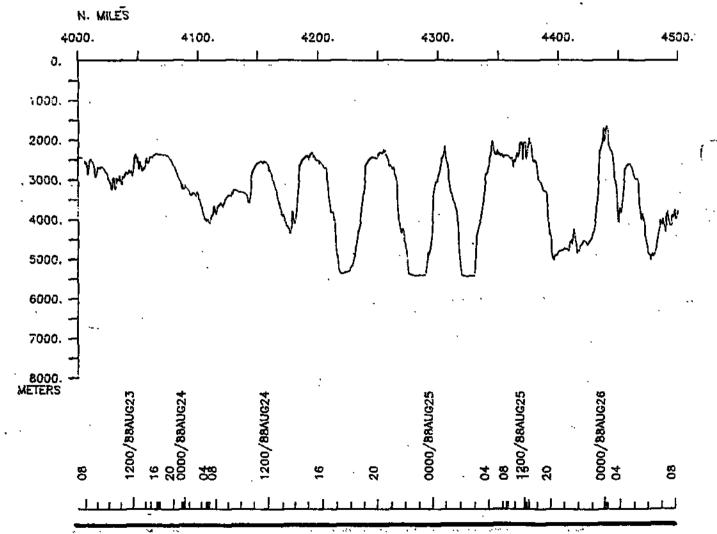




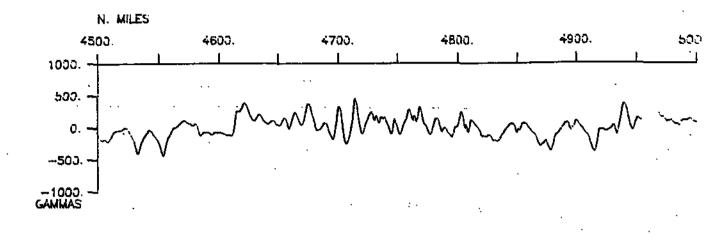
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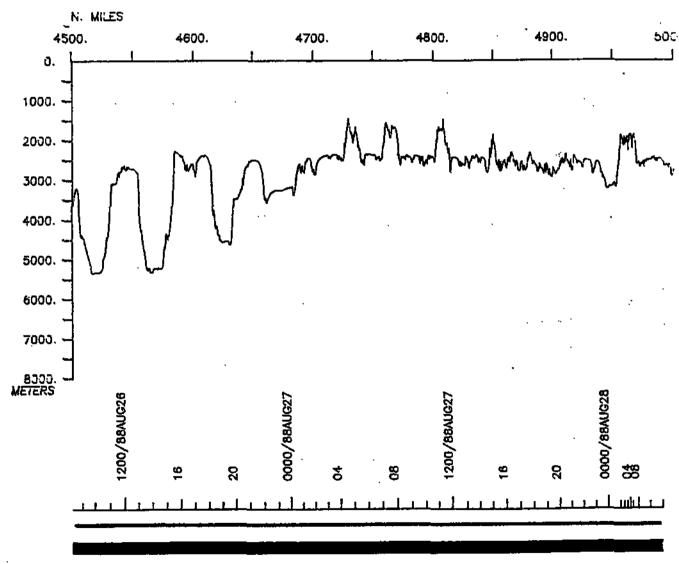
ROUNDABOUT LEG 6 (RNDBOGWT)





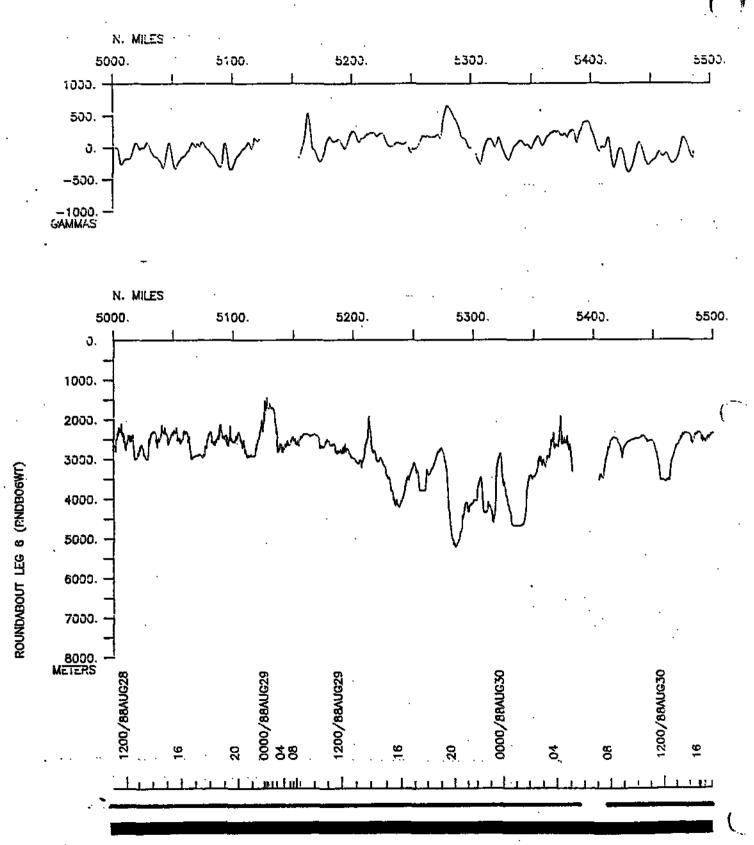
ROUNDABOUT LEG 6 (RNDB06WT)



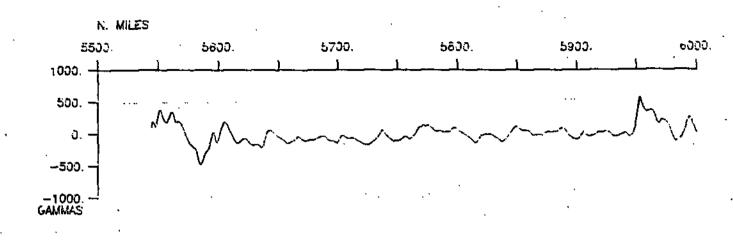


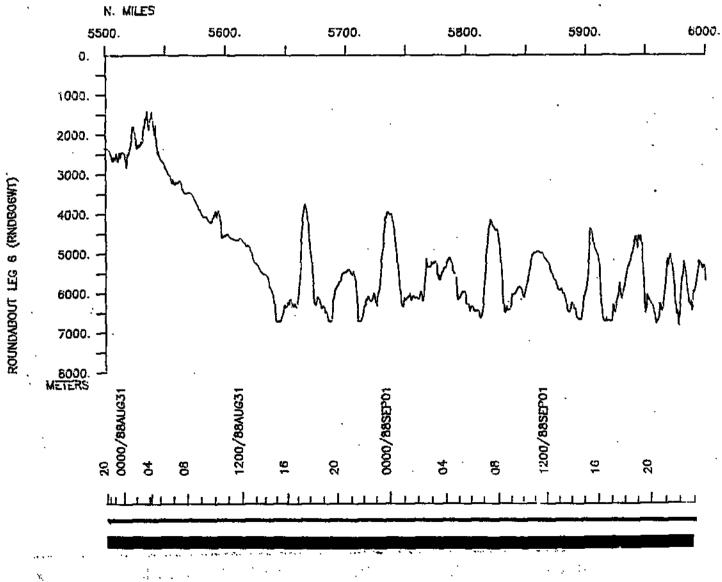
ROUNDABOUT LEG 6 (RNDB06WT)

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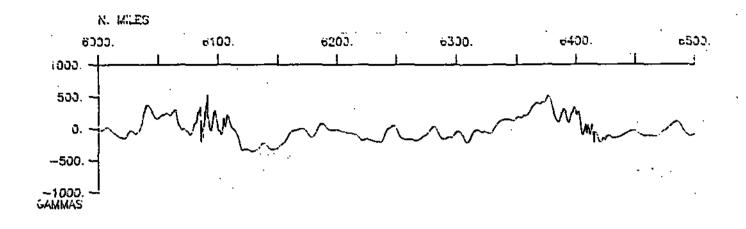


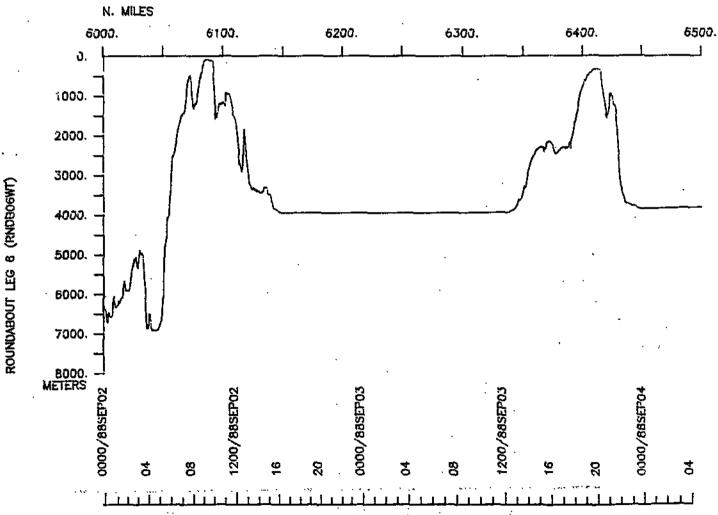
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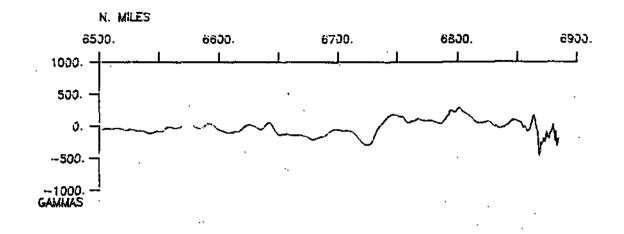




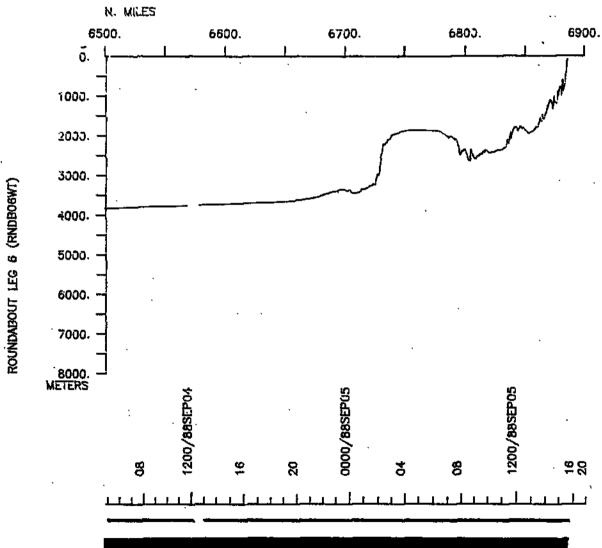
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S.I.O. SAMPLE INDEX

(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	
	#***PERSO	NNEL*** ***NAME***	*	**	*TITLE**	*	***AFFIL	IATION***	**CRID**
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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.** .

		-	(
#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					
1502 060888	DPR3 B EPC 3.5KHZ R-01	GDC 52-568N 170	-249W sRNDBOGWT					
0615 160888	DPR3 E EPC 3.5KHZ R-01	GDC 51-066N 167	-538E sRNDBOGWT					
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						
0939 130888	MBSB B SB ARC.SWATH BK. 04	GDC 50-433N 166	-575E sRNDBO6WT					
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
	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
0000	404000	WDCD D		עע עע	 CDC			sRNDB06WT
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
0316 1832 1839 0220	060888 170888	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
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
0316 1832 1839 0220 0226 1544	060888 170888 170888 020988	MGRA B MGRA B MGRA E MGRA B MGRA B MGRA E	MAGNETICS R-O MAGNETICS R-O 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	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
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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