

INFORMAL REPORT AND INDEX OF
NAVIGATION, DEPTH AND MAGNETIC DATA

(Issued August 1989)

ROUNABOUT EXPEDITION

LEG 16

R/V Washington

Pago Pago, Samoa (05 March 1989)
to
Honolulu, Hawaii (20 March 1989)

Chief Scientist:

Peter Guenther - Scripps Institution of Oceanography

Resident Marine Technician - Seth Mogk

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

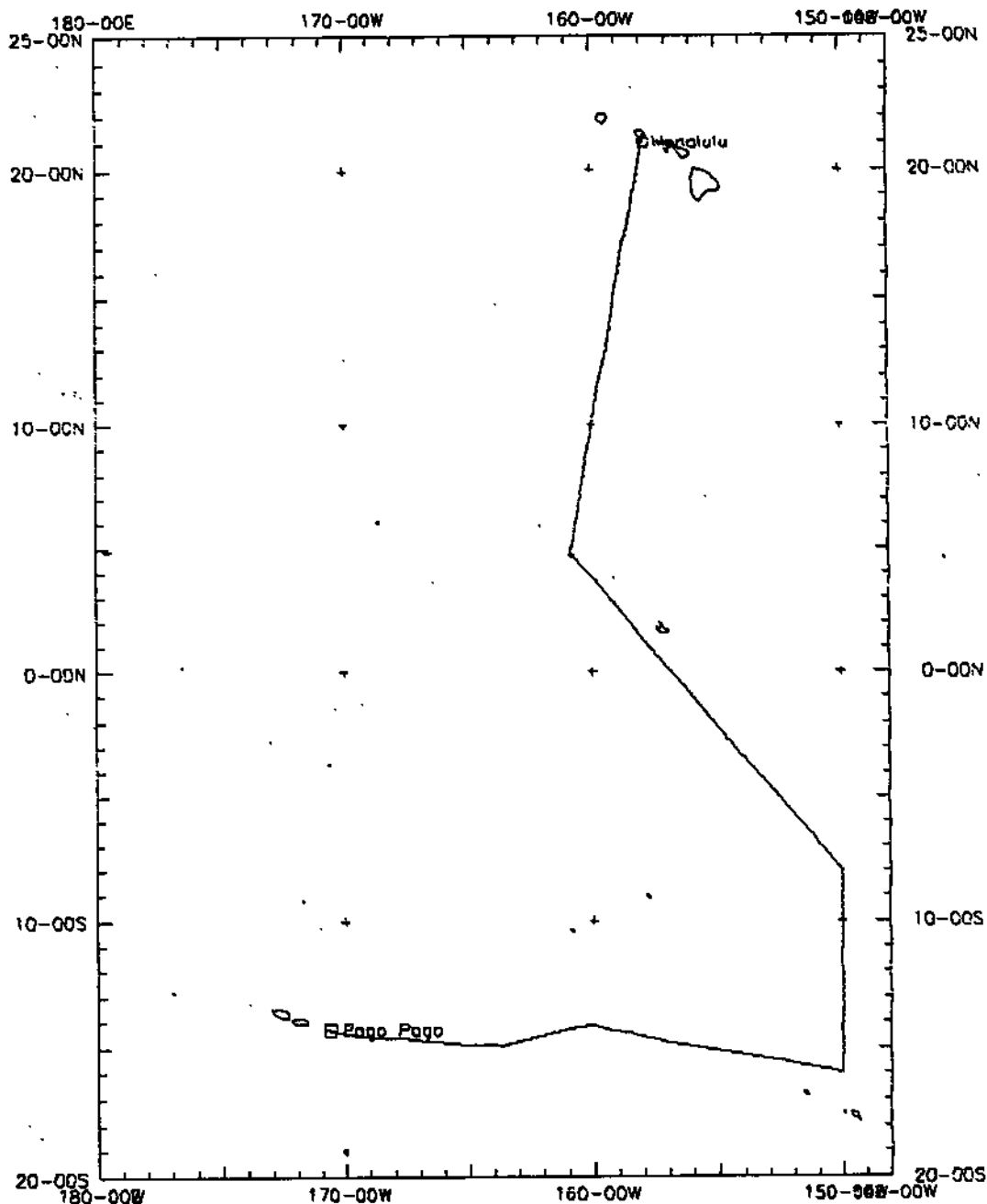
Data Collection and Processing Funded by NSF
Grant Number OCE86-16368

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

NOTE: Sea Beam data collection and processing were not funded by extramural grants on this leg. Instead, they have been collected and processed in "transit mode" by the SIO Shipboard Technical Support group as part of an experimental program to optimize ship usage and to increase the amount of available Sea Beam data. At this time, policies for processing these data are under review. For more information, contact the Geological Data Center curator.

April 1989

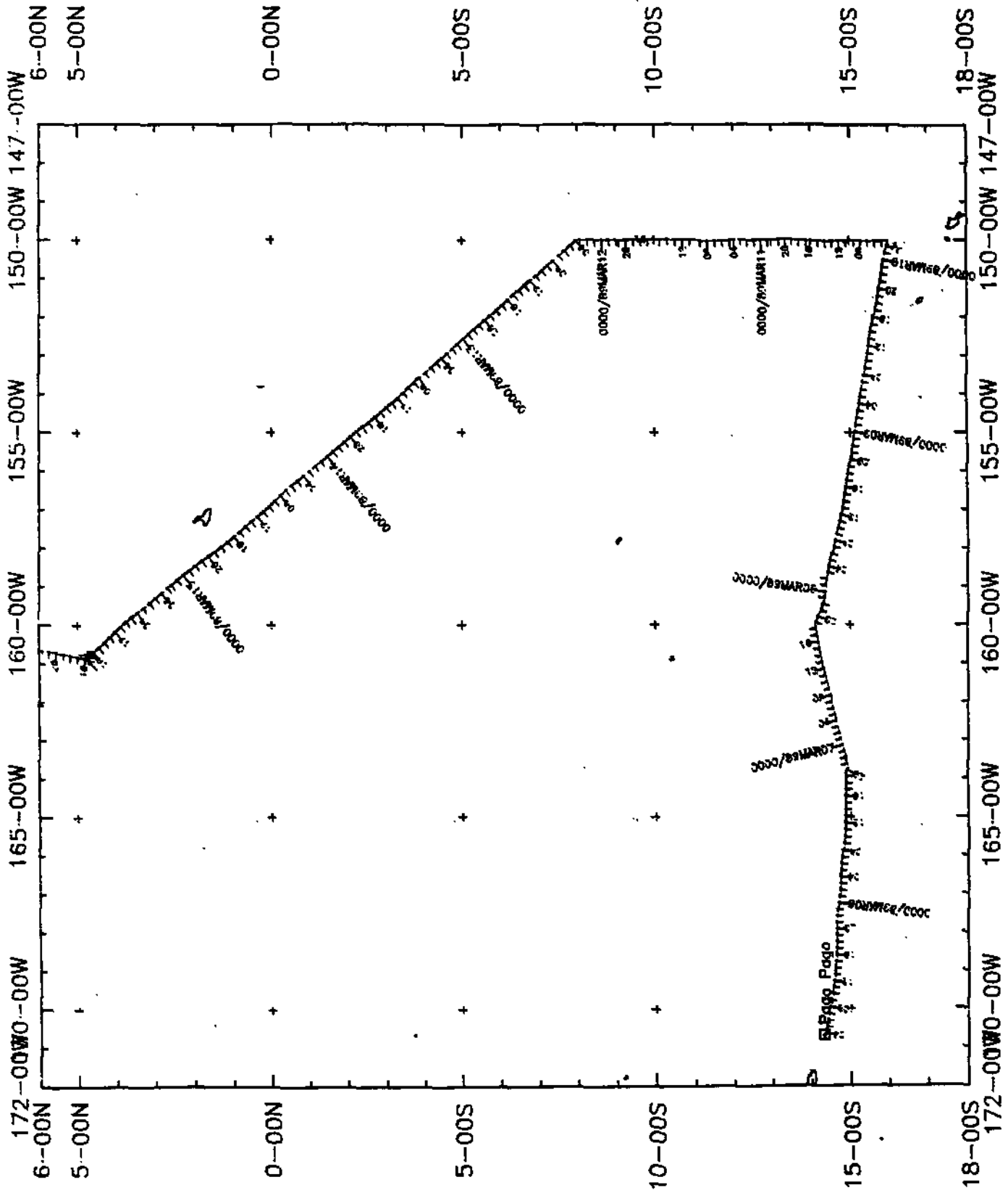


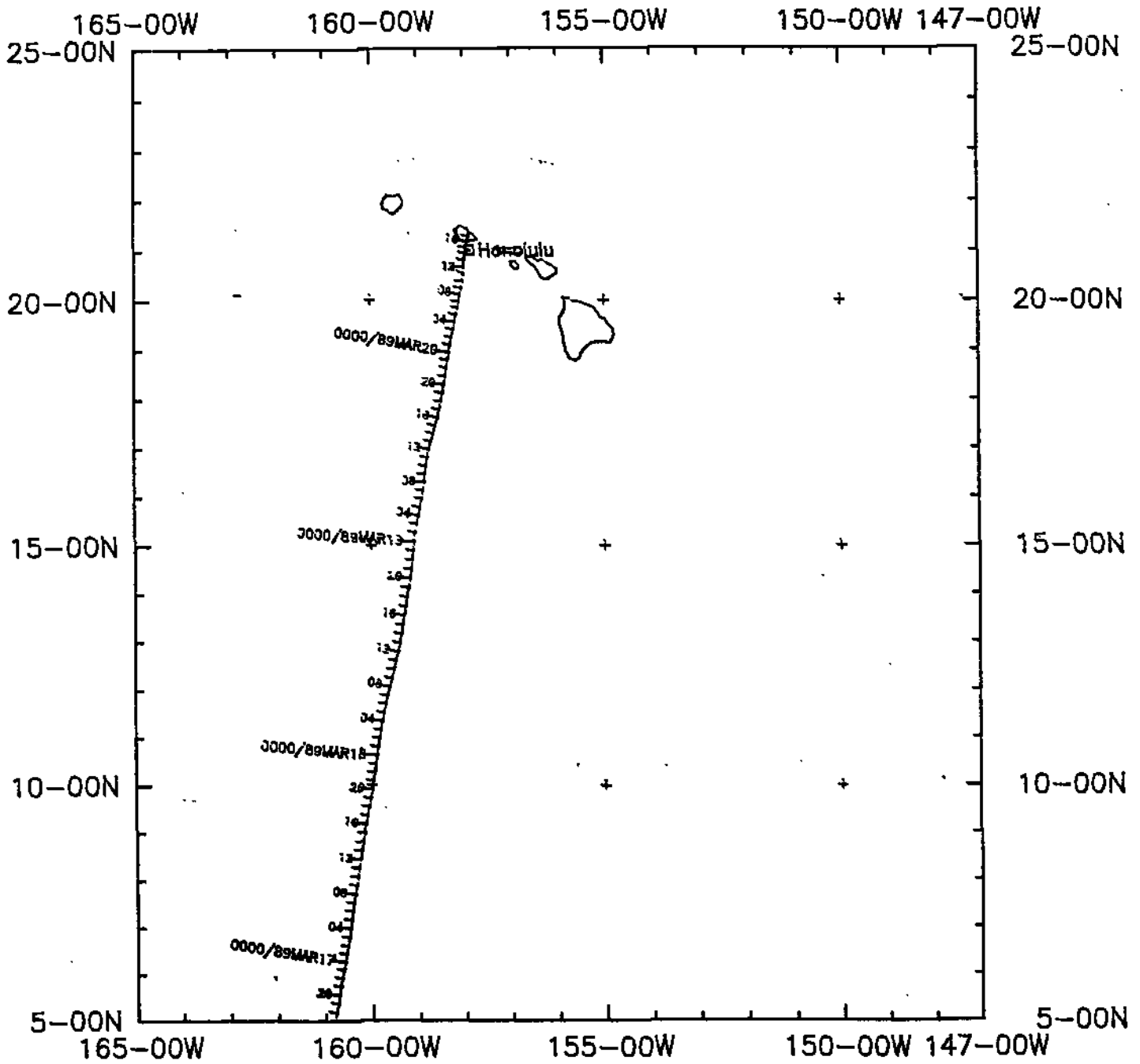
ROUNABOUT EXPEDITION LEG 16

CHIEF SCIENTIST: Peter Guenther (SIO)
PORTS: Pago Pago, Samoa - Honolulu, Hawaii
DATES: 05 - 20 March 1989
SHIP: R/V T. Washington

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

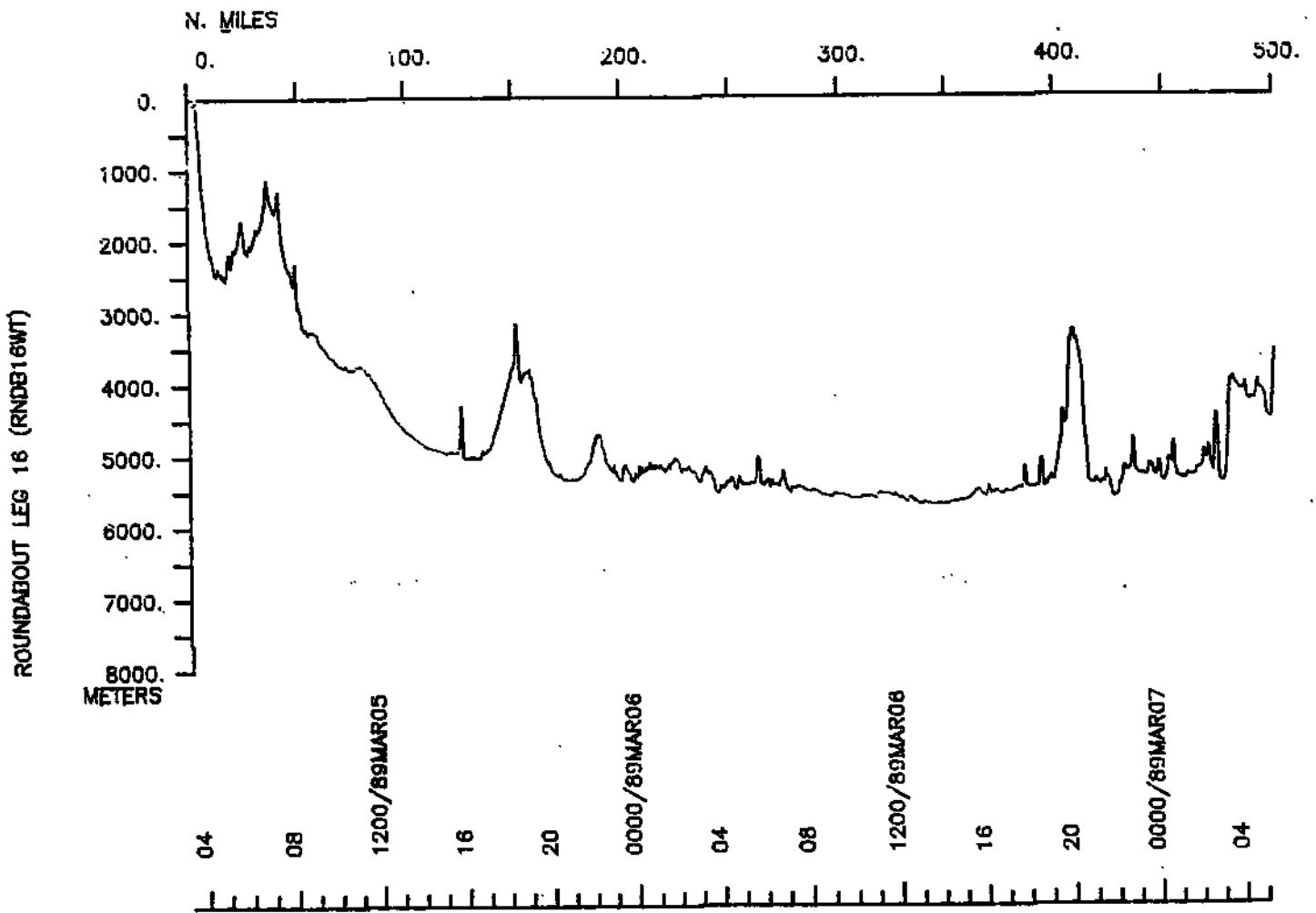
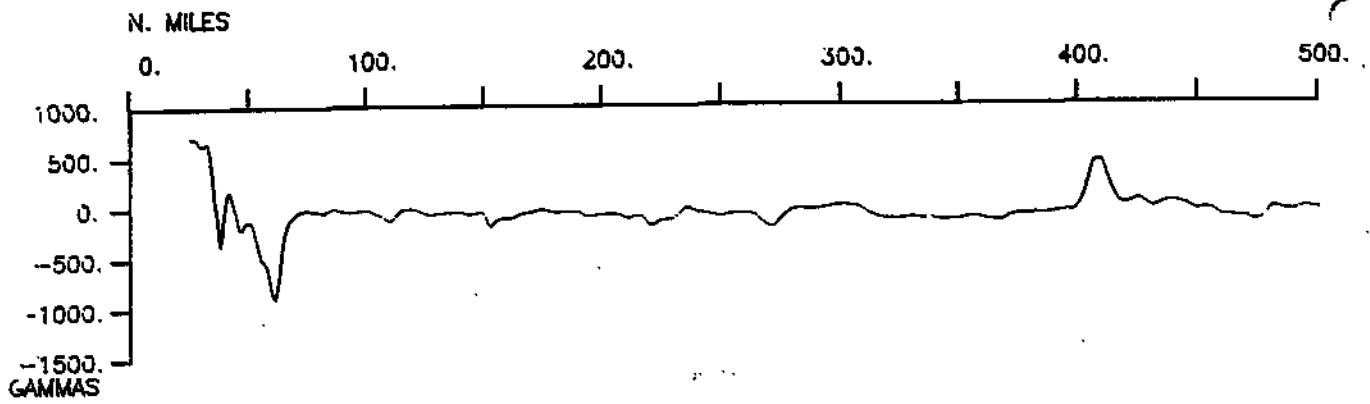
- 1) Cruise - 3828 miles
- 2) Bathymetry - 3808 miles
- 3) Magnetics - 3093 miles
- 4) Seismic Reflection - none collected
- 5) Gravity - collected but not processed
- 6) Sea Beam - 3828 miles



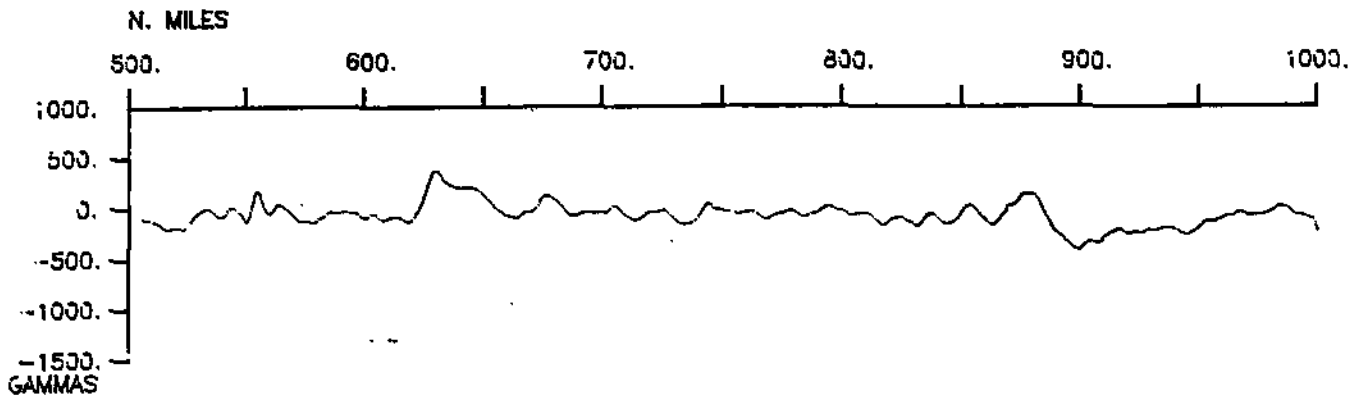


ROUNABOUT LEG 16 (RNDB16WT)

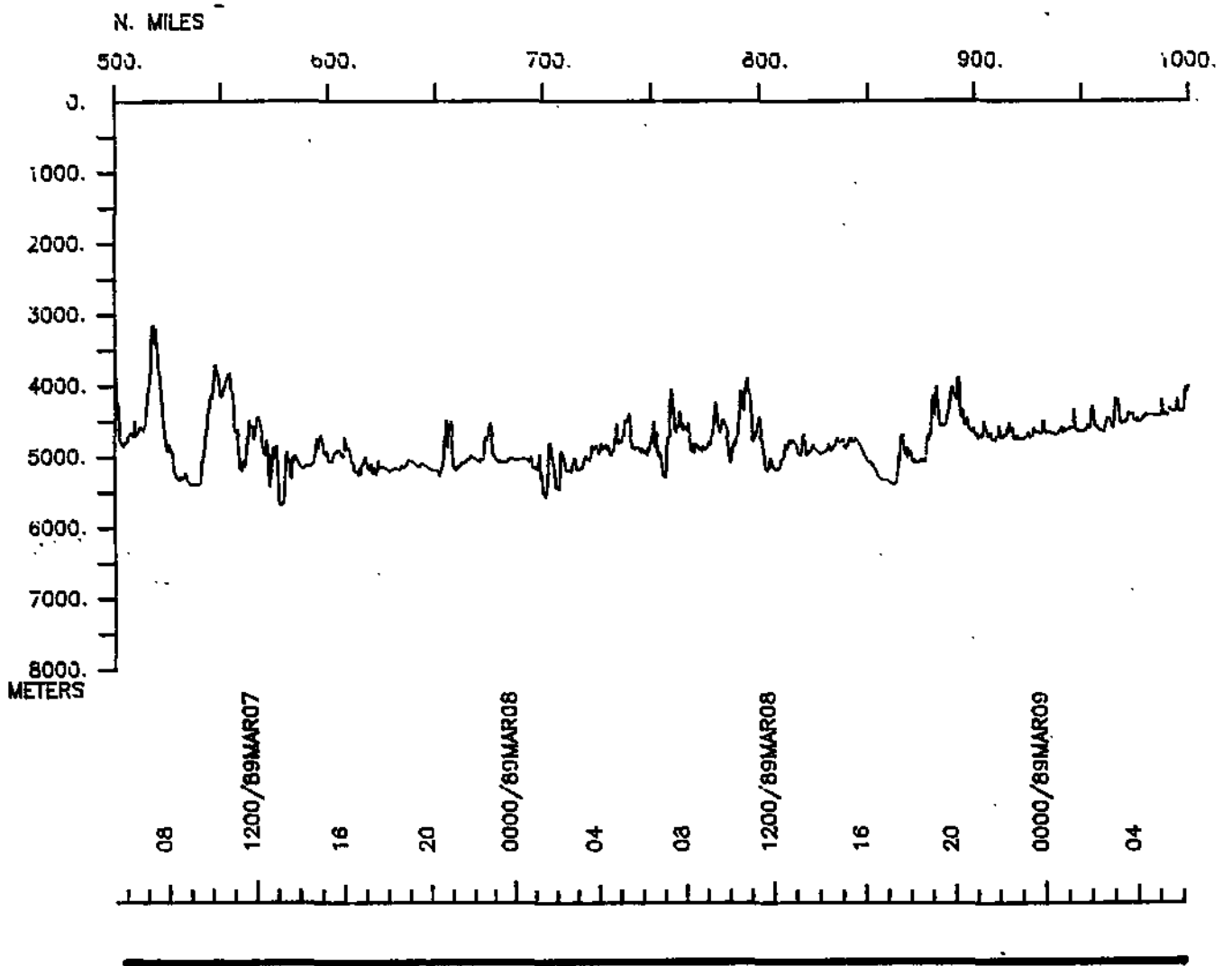
Track 2 of 2

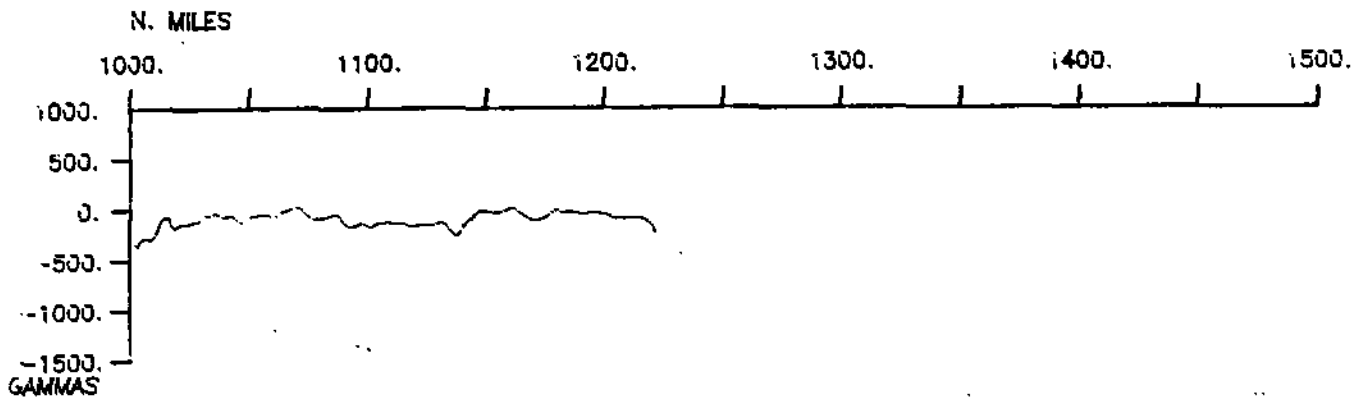


ROUNDABOUT LEG 16 (RNDB16WT)

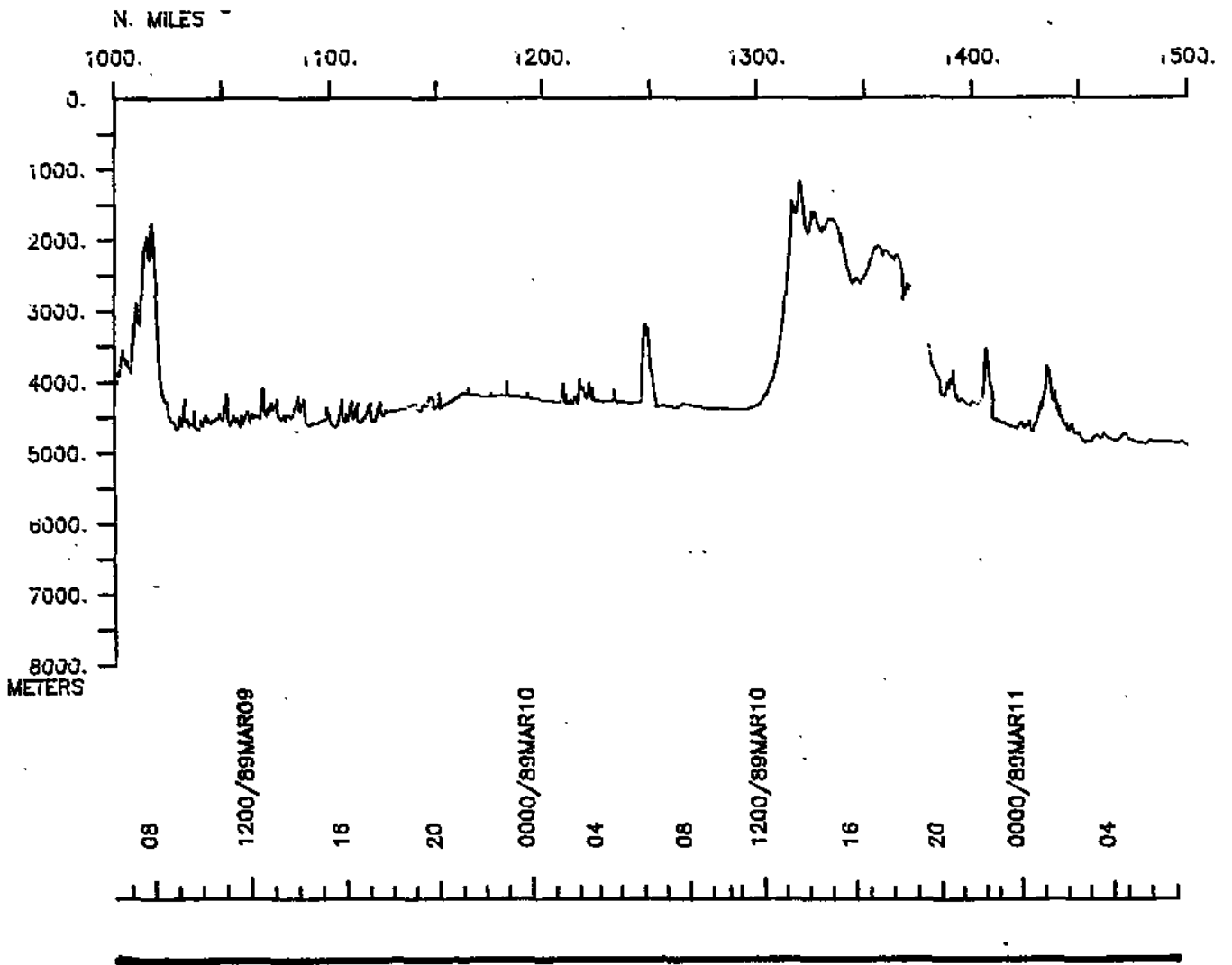


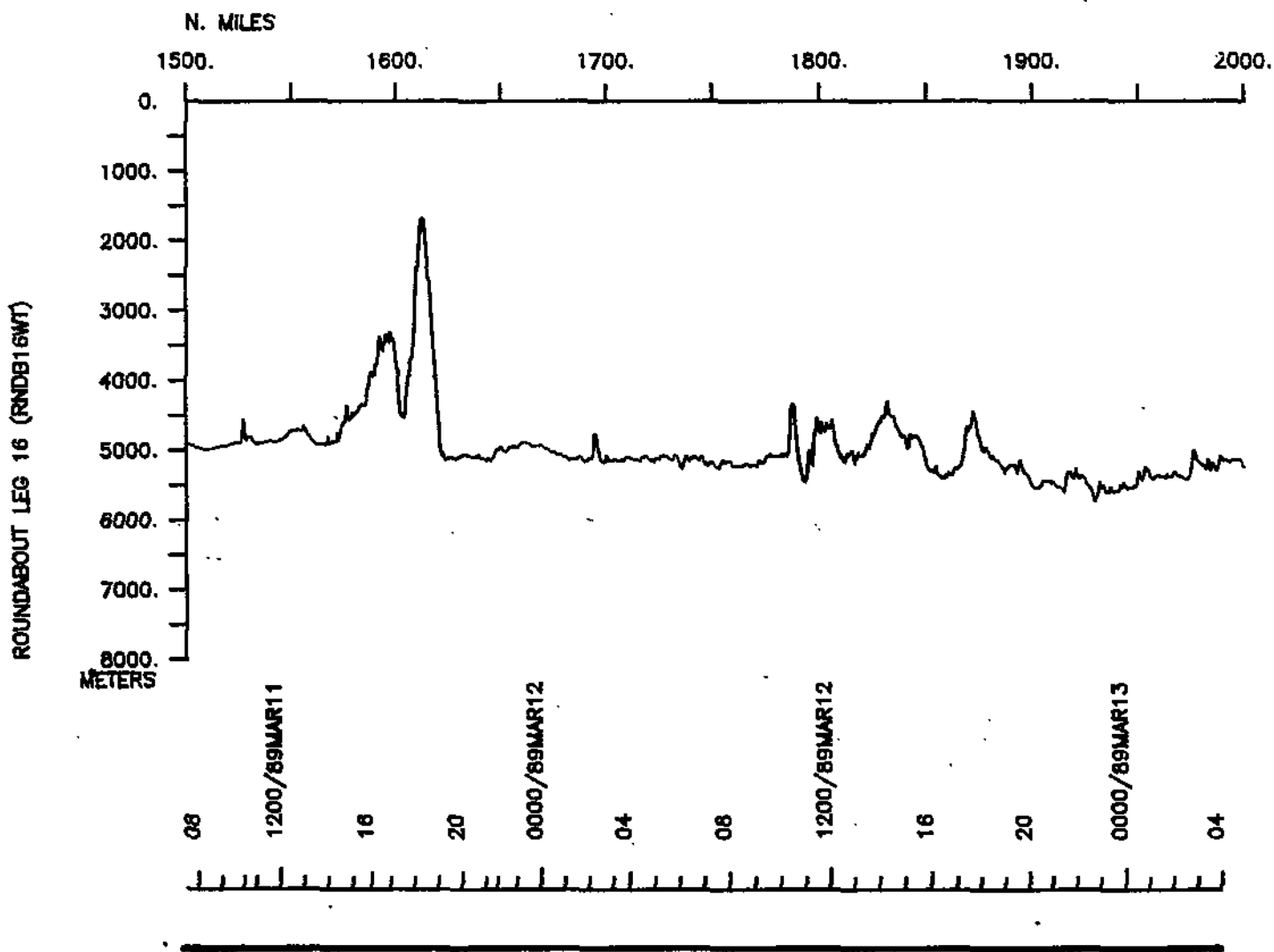
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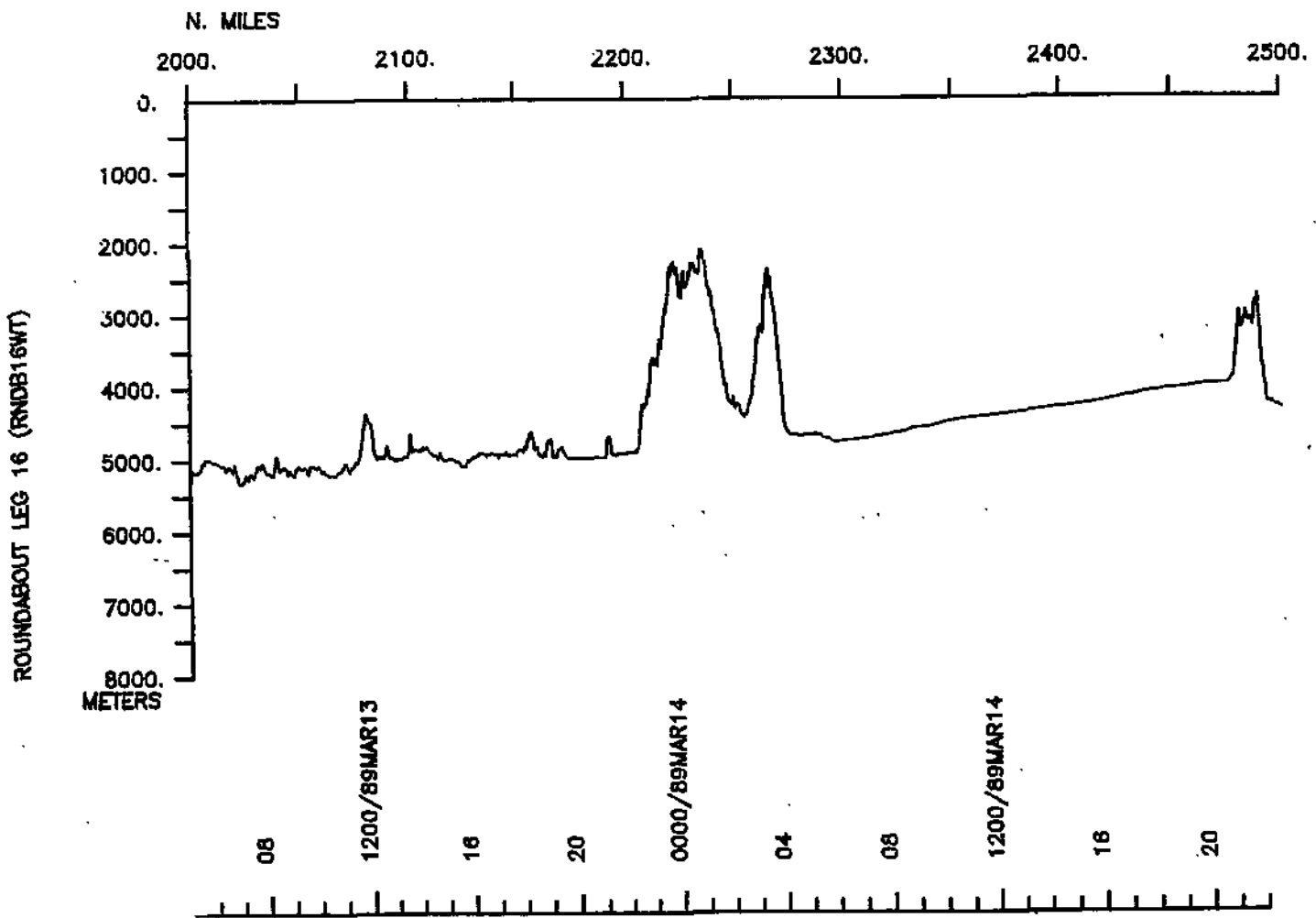
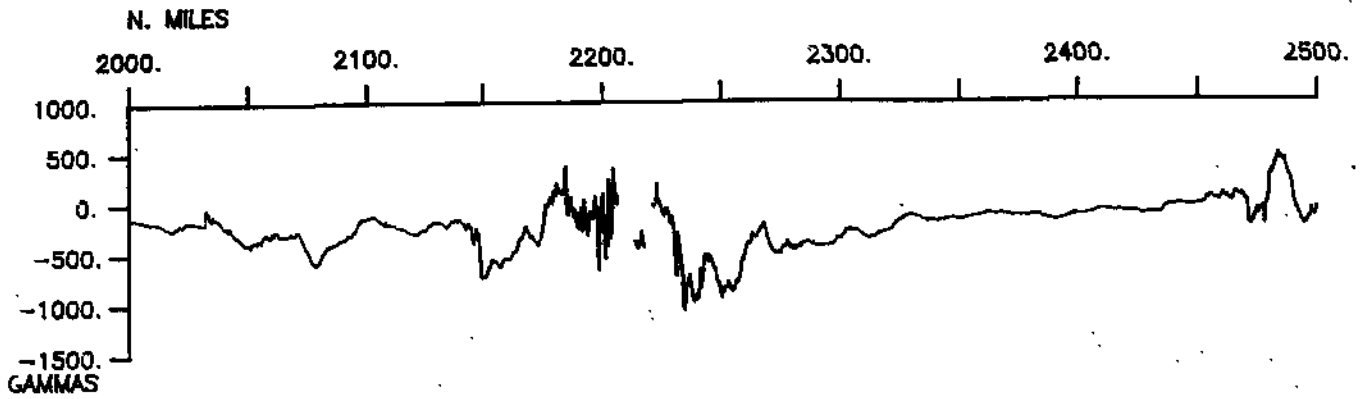




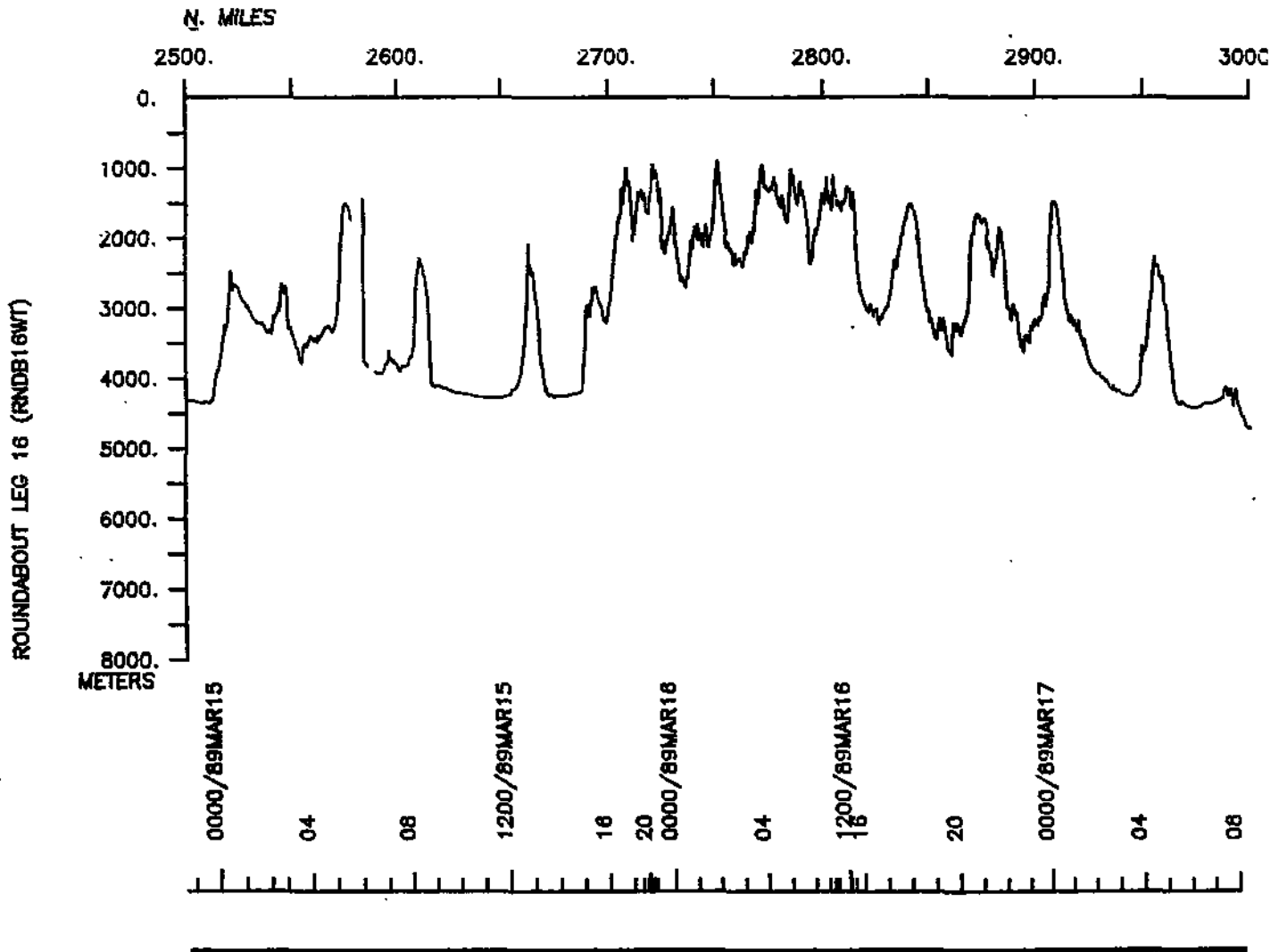
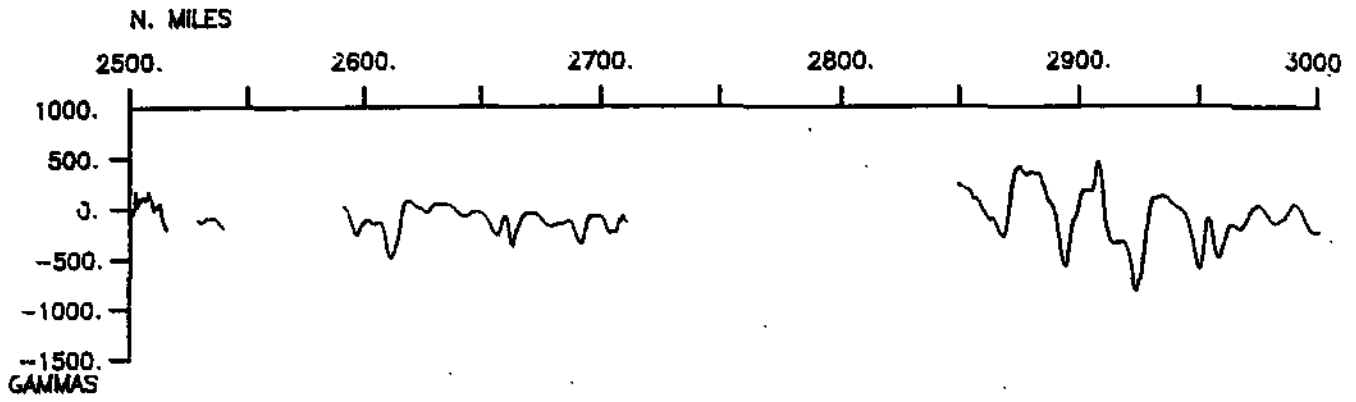
ROUNDABOUT LEG 16 (RNDB16WT)

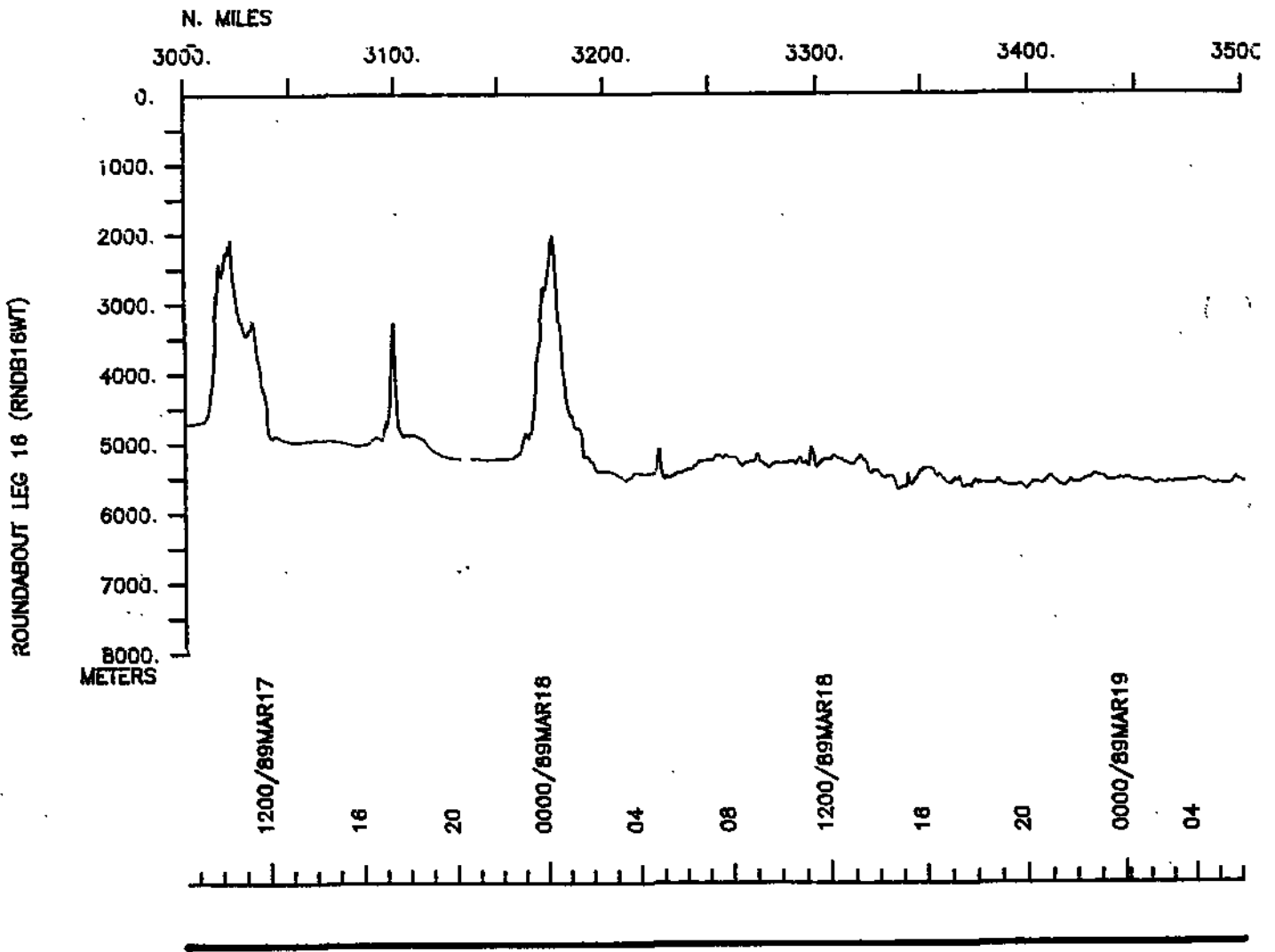
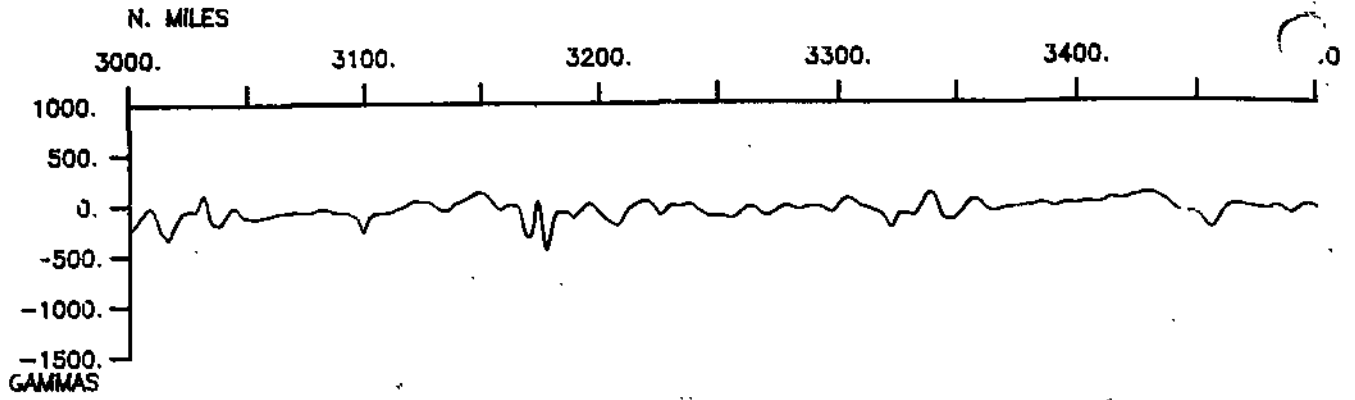


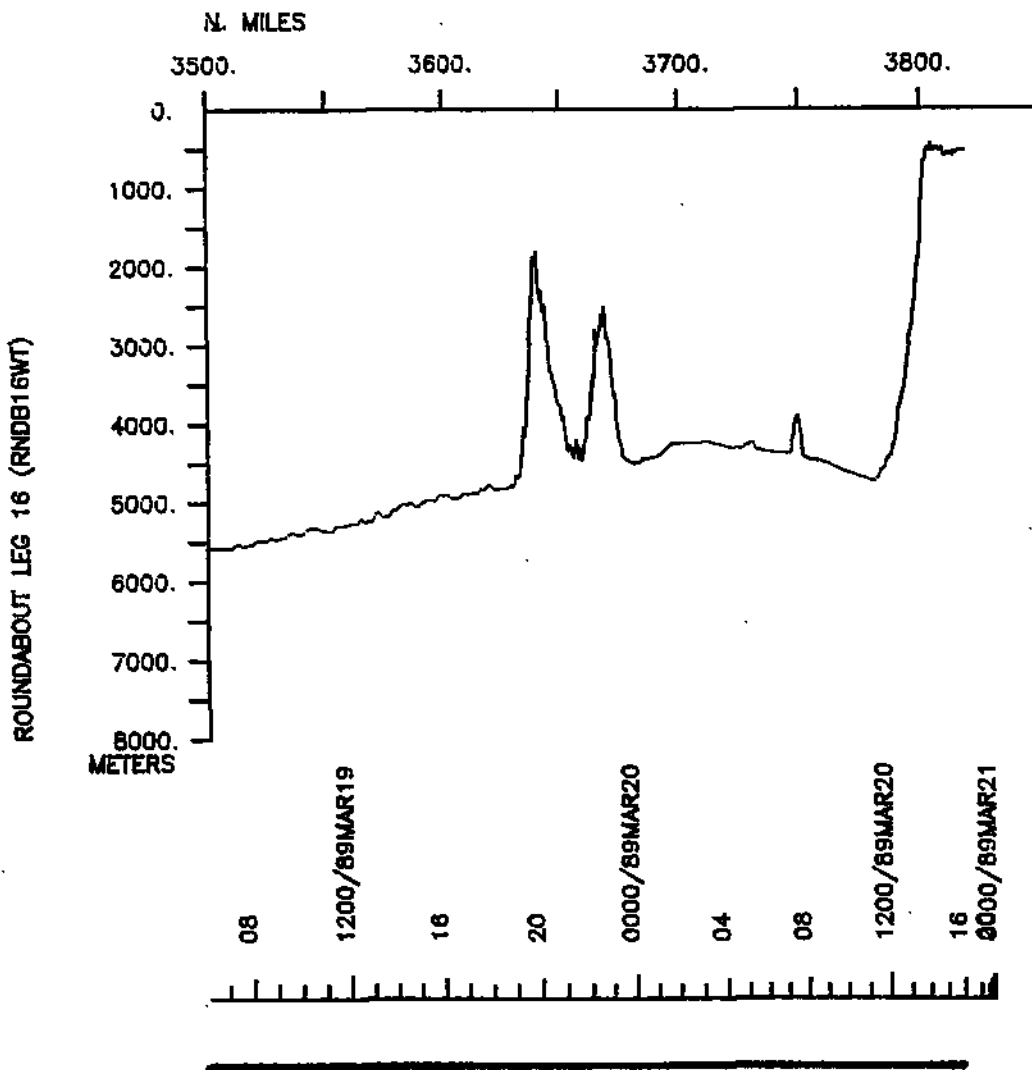
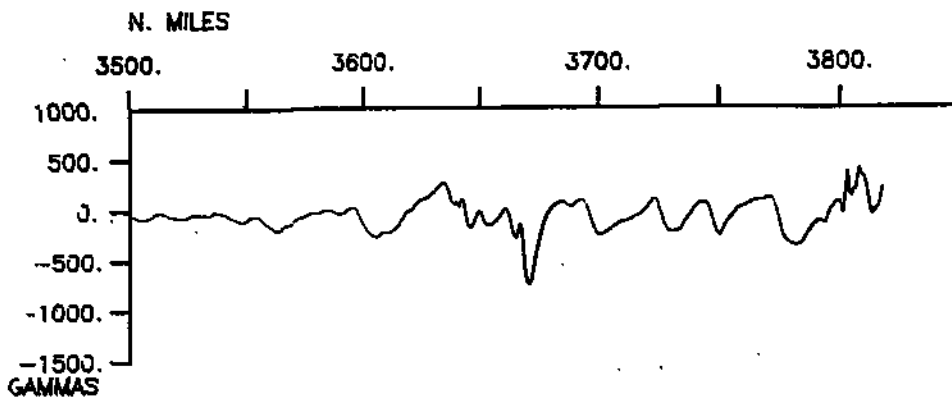




ROUNDABOUT LEG 16 (RNOB16WT)







S.I.O. SAMPLE INDEX

(Issued August 1989)

ROUNABOUT EXPEDITION

Leg 16

=====

R/V T.. Washington

Pago Pago, Samoa (05 March 1989)
to
Honolulu, Hawaii (20 March 1989)

Chief Scientist:

P. Guenther (Scripps Institution of Oceanography)

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

**** PORTS ****

0300 050389	LGPT B	PAGO PAGO, SAMOA	13-49 S	171-46 W	FRNDB16WT
1800 200389	LGPT E	HONOLULU, HAWAII	21-18 N	157-52 W	FRNDB16WT

****PERSONNEL****

****NAME****	****TITLE****	****AFFILIATION****	****GRID****
PECS SIO GUENTHER, P.	CHIEF SCIENTIST	SCRIPPS INSTITUTION	RNDB16WT
PEXN SIX TIFFIN, D.	SCIENTIST	CCOP/SOPAC REP	RNDB16WT
PEXN SIX NIKORA, A.	OBSERVER	KIRIBATI GOV'T REP	RNDB16WT
PECT STS CHARTERS, J.	COMPUTER TECH	SCRIPPS INSTITUTION	RNDB16WT
PERT STS MOGK, S.	RESIDENT TECH	SCRIPPS INSTITUTION	

NO → S.
B.

****NOTES****

#AN 'X' IN THE (B)EGIN/(E)ND COLUMN FOLLOWING THE SAMPLE CODE INDICATES
 #SAMPLE OR DATA RECOVERED. A 'C' INDICATES CONTINUATION OF DATA COLLECTED
 #FROM BEFORE THE BEGINNING OR AFTER THE END OF A PARTICULAR LEG. (See also)
 #BOTTOM INSTRUMENTS, FOR EXAMPLE.) THE NUMBER APPEARING IN THE COLUMN BETWEEN
 #THE SAMPLE IDENTIFIER AND THE DISPOSITION CODE, FOR MANY ENTRIES, IS THE WATER
 #DEPTH IN CORRECTED METERS. POSITIONS ARE IN MINUTES.

#GMT	DDMMYY	LOC	T	SAMP	SAMPLE	DISP			CRUISE
#TIME	DATE	TIME	Z	CODE	IDENTIFIER	CODE	LAT.	LONG.	LEG-SHIP

****UNDERWAY DATA CURATOR - S. M. SMITH EXT. 42752

****LOG BOOKS****

0300 050389	LBUW B	UNDERWAY WATCH LOG	14-165S	170-411W	SRNDB16WT
1800 200389	LBUW E	UNDERWAY WATCH LOG	21-190N	157-521W	SRNDB16WT

**** MAGNETICS (EARTH TOTAL FIELD) RECORDS

0530 050389	MGRA B	MAGNETOMETER R-01	14-227S	170-221W	SRNDB16WT
1700 150389	MGRA E	MAGNETOMETER R-01	4-444N	160-487W	SRNDB16WT
1830 160389	MGRA B	MAGNETOMETER R-02	5-160N	160-457W	SRNDB16WT
1700 200389	MGRA E	MAGNETOMETER R-02	21-166N	157-522W	SRNDB16WT

#GMT	DDMMYY	LOC	T	SAMP	SAMPLE	DISP	LAT.	LONG.	CRUISE
#TIME	DATE	TIME	Z	CODE	IDENTIFIER	CODE			LEG-SHIP

*** HYDROCASTS ***

0322	100389			HCDE	B HC 1		15-596S	150-003W	sRNDB16WT
0406	100389			HCDE	E HC 1		15-597S	150-006W	sRNDB16WT
0949	100389			HCDE	B HC 2		14-599S	150-001W	sRNDB16WT
1021	100389			HCDE	E HC 2		14-600S	150-002W	sRNDB16WT
1609	100389			HCDE	B HC 3		14-002S	150-003W	sRNDB16WT
1625	100389			HCDE	E HC 3		14-002S	150-004W	sRNDB16WT
2210	100389			HCDE	B HC 4		13-001S	149-594W	sRNDB16WT
2223	100389			HCDE	E HC 4		13-001S	149-594W	sRNDB16WT
0421	110389			HCDE	B HC 5		11-599S	150-001W	sRNDB16WT
0430	110389			HCDE	E HC 5		11-599S	150-002W	sRNDB16WT
1005	110389			HCDE	B HC 6		11-005S	149-592W	sRNDB16WT
1018	110389			HCDE	E HC 6		11-006S	149-593W	sRNDB16WT
1552	110389			HCDE	B HC 7		9-599S	149-595W	sRNDB16WT
1607	110389			HCDE	E HC 7		9-598S	149-594W	sRNDB16WT
2140	110389			HCDE	B HC 8		9-001S	149-599W	sRNDB16WT
2156	110389			HCDE	E HC 8		9-002S	149-599W	sRNDB16WT
0334	120389			HCDE	B HC 9		8-000S	150-001W	sRNDB16WT
0338	120389			HCDE	E HC 9		8-000S	150-000W	sRNDB16WT

*** DREDGE TANGLE NETS ***

1828	150389			GDTN ^{DRXX}	B TANGLE NET 1		4-435N	160-466W	sRNDB16WT
2135	150389			GDTN	E TANGLE NET 1		4-429N	160-481W	sRNDB16WT
2112	150389			GDTN	B TANGLE NET 2		4-428N	160-479W	sRNDB16WT
2259	150389			GDTN	E TANGLE NET 2		4-423N	160-489W	sRNDB16WT
0644	160389			GDTN	B TANGLE NET 3		4-422N	160-490W	sRNDB16WT
0818	160389			GDTN	E TANGLE NET 3		4-422N	160-494W	sRNDB16WT
0912	160389			GDTN	X TANGLE NET 4 LOST NET		4-430N	160-511W	sRNDB16WT
1140	160389			GDTN	B TANGLE NET 5		4-428N	160-514W	sRNDB16WT
1321	160389			GDTN	E TANGLE NET 5		4-435N	160-522W	sRNDB16WT
1343	160389			GDTN	B TANGLE NET 6		4-436N	160-514W	sRNDB16WT
1524	160389			GDTN	E TANGLE NET 6		4-441N	160-517W	sRNDB16WT

*** END SAMPLE INDEX ***