INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

(Issued September 1986)

PAPATUA EXPEDITION

LEG 11

Sasebo, Japan (23 July 1986)
to
San Diego, Calif. (20 August 1986)

R/V T. Washington

Co-Chief Scientists- P. Lonsdale and K. Smith

Resident Marine Tech - R. Comer

Post-Cruise Processing and Report Preparation
by S.I.O. Geological Data Center

Data Collection Funded by NSF OCE83-17741
Bathymetry Processing Funded by NGDC Contract 40RANE606403

GDC Cruise I.D.# 220

INFORMAL REPORT AND INDEX OF NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

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 and magnetic 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.

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, California 92093. Phone (619)534-2752:

1. 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.
3. Plots of magnetic anomaly profiles along track - custom plots at various map and profile scales on Mercator projection may be requested from values retrieved at approximately 1 mile spacing with the IGRF regional field removed.
4. Separate time series files of navigation, depth 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 (air or water guns)
   c. Magnetometer records
   d. Underway data log

Revised October 1986

SIO 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.

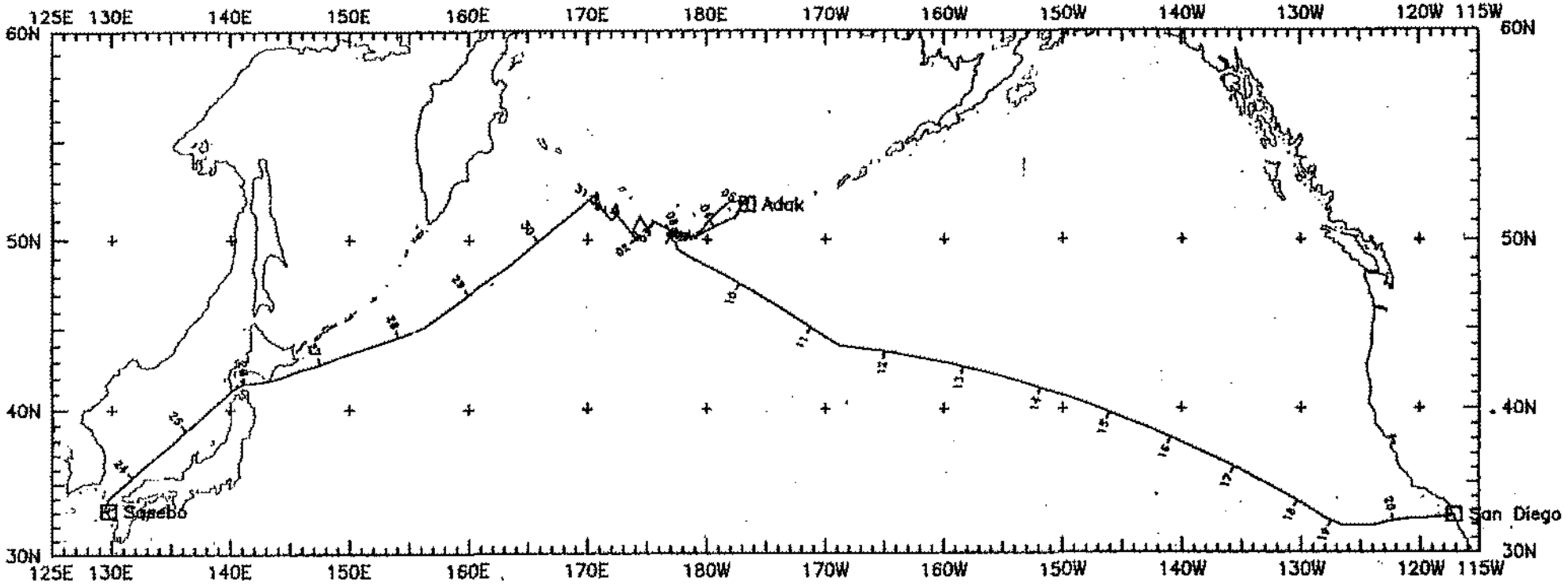
2) Microfilm (35mm flowfilm) containing swath books plus, for some cruises, the Sea Beam monitor record and navigation list.

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

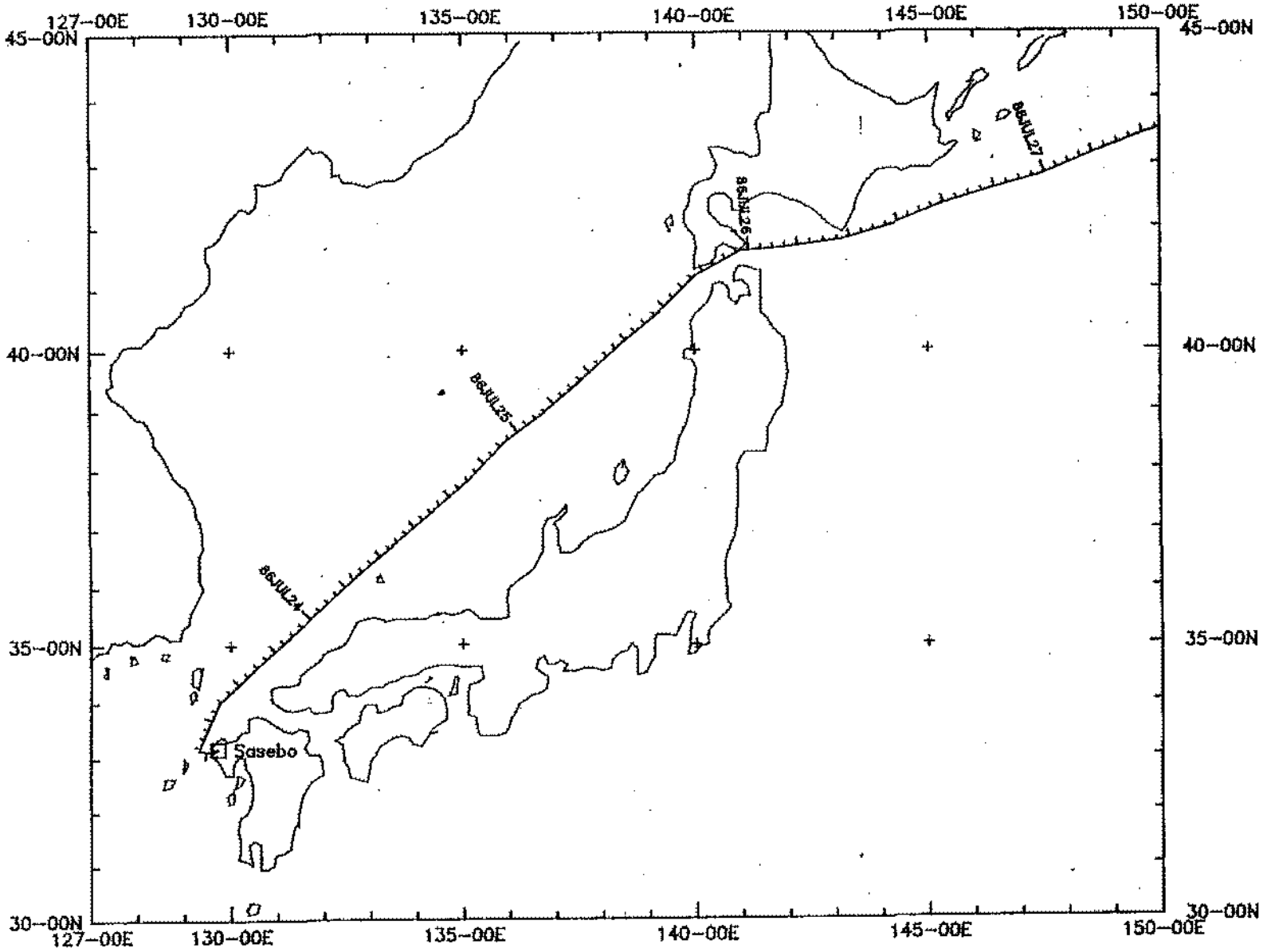


PAPATUA LEG 11 (PPTU11WT)

PAPATUA EXPEDITION
LEG 11

CO-CHIEF SCIENTISTS: P. Lonsdale and K. Smith
PORTS: Sasebo, Japan - San Diego, Calif.
DATES: 23 July - 20 August 1986
SHIP: R/V T. Washington

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED
1) Cruise - 7863 miles
2) Bathymetry - 6703 miles
3) Magnetics - 6133 miles
4) Seismic Reflection - 4618 miles
5) Gravity - collected but not processed
6) SeaBeam - 6703 miles



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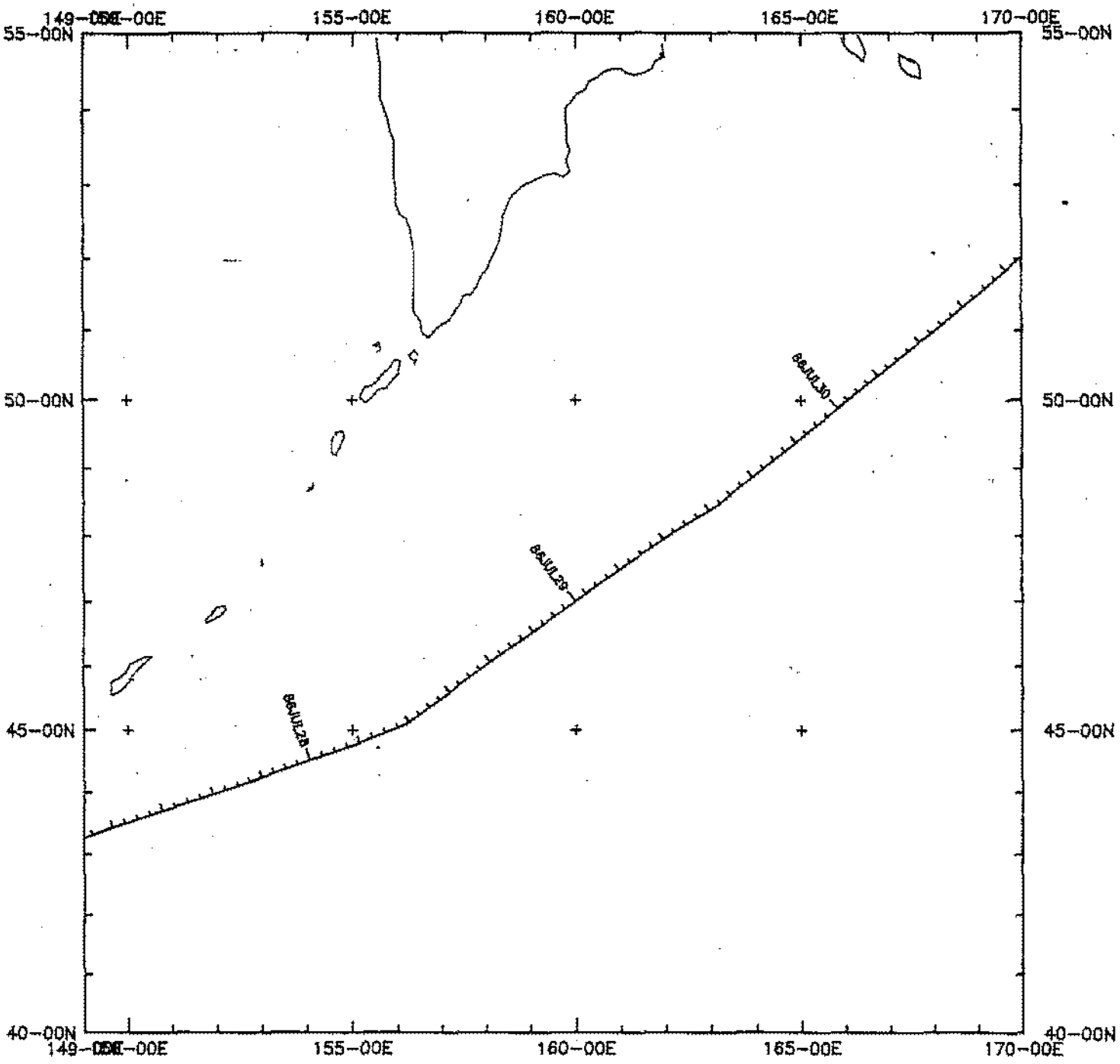

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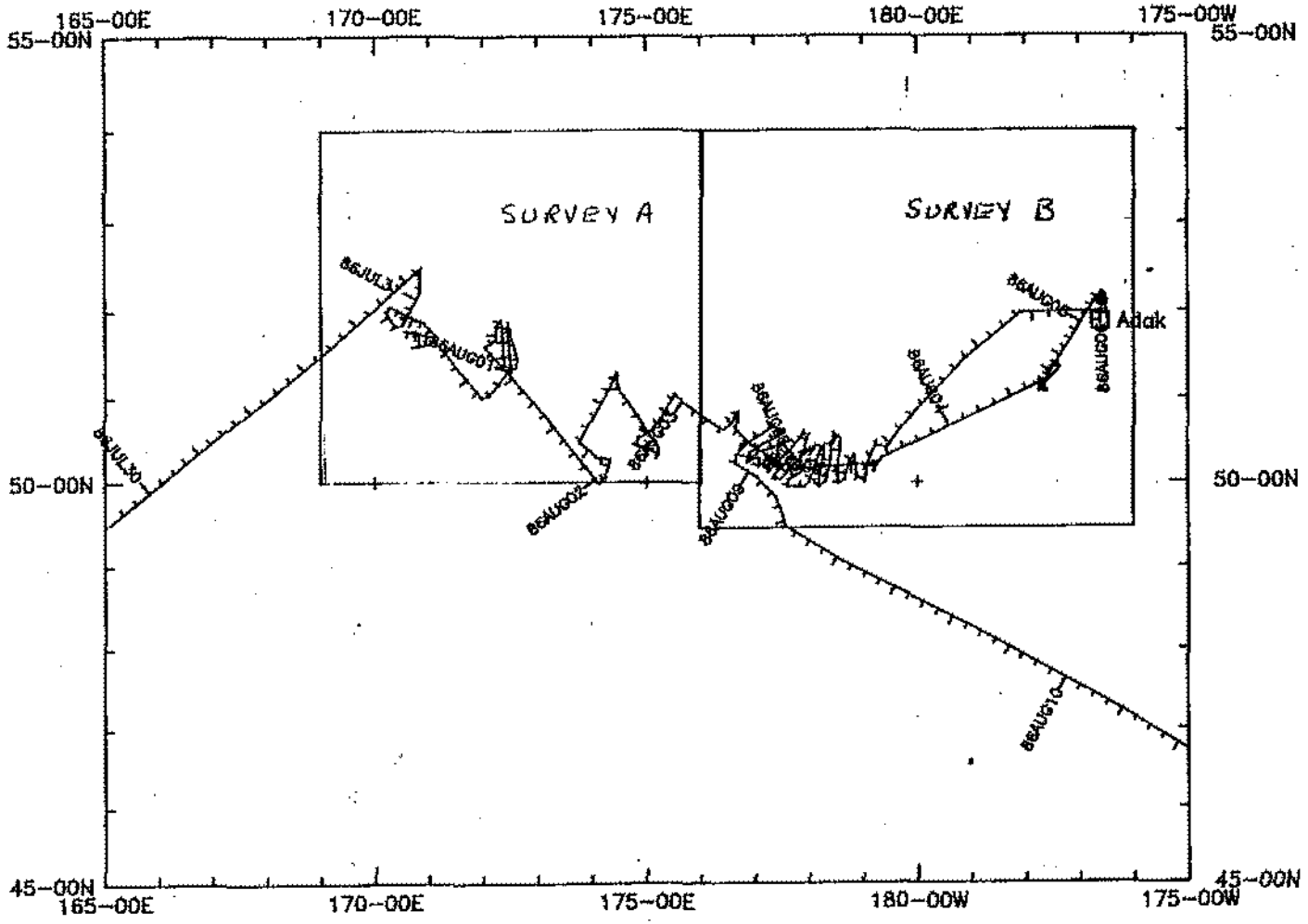

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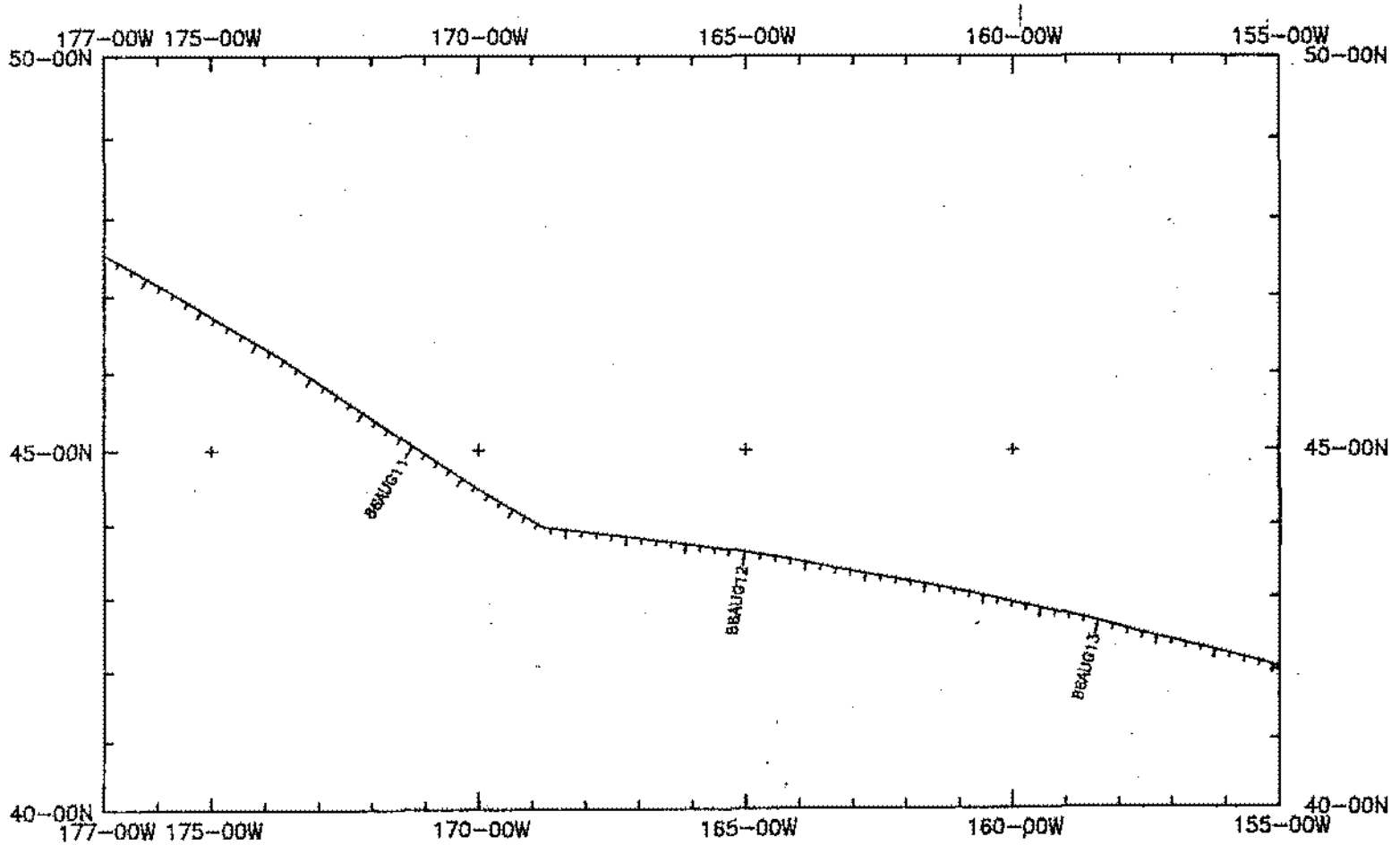

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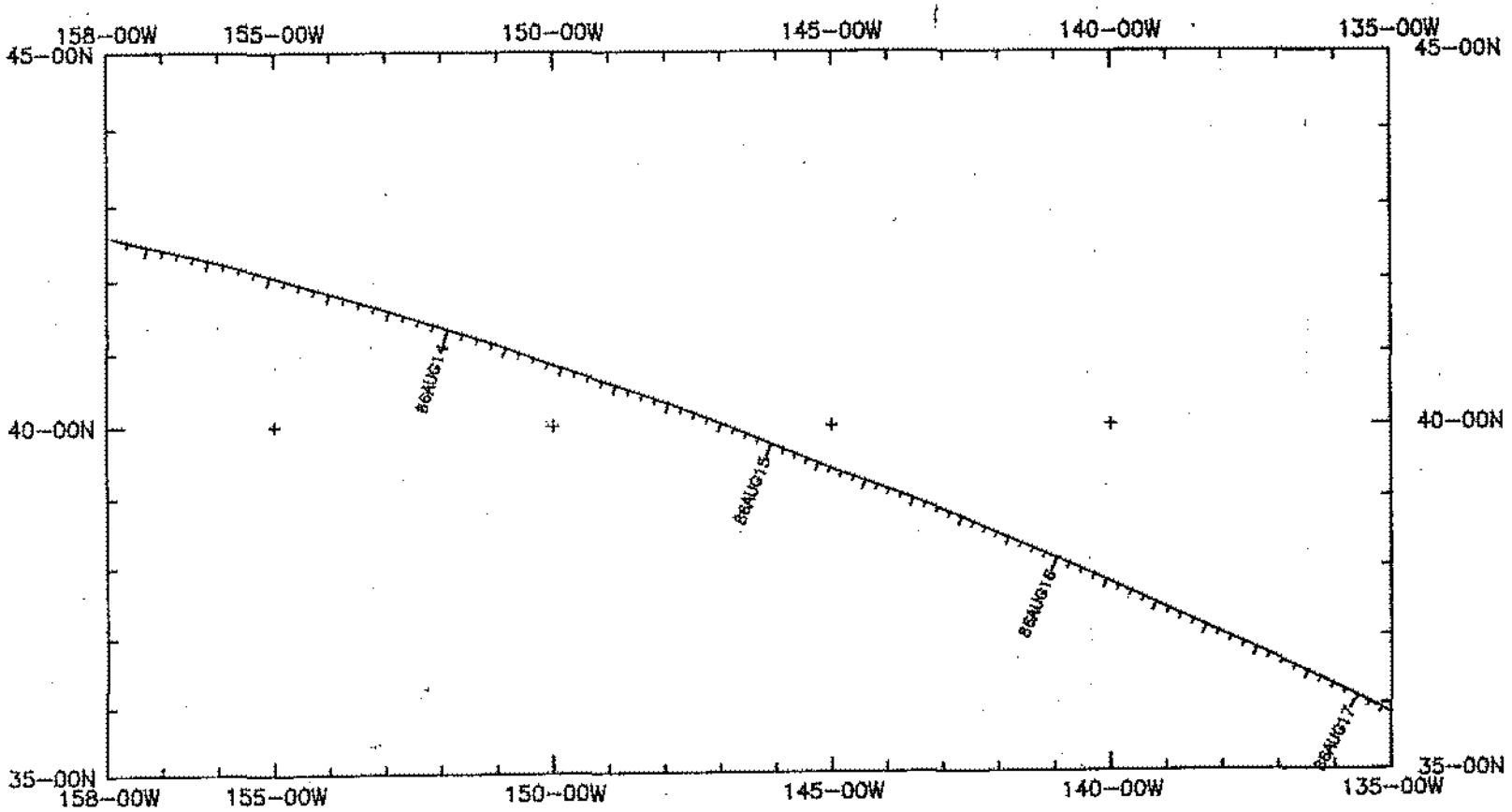

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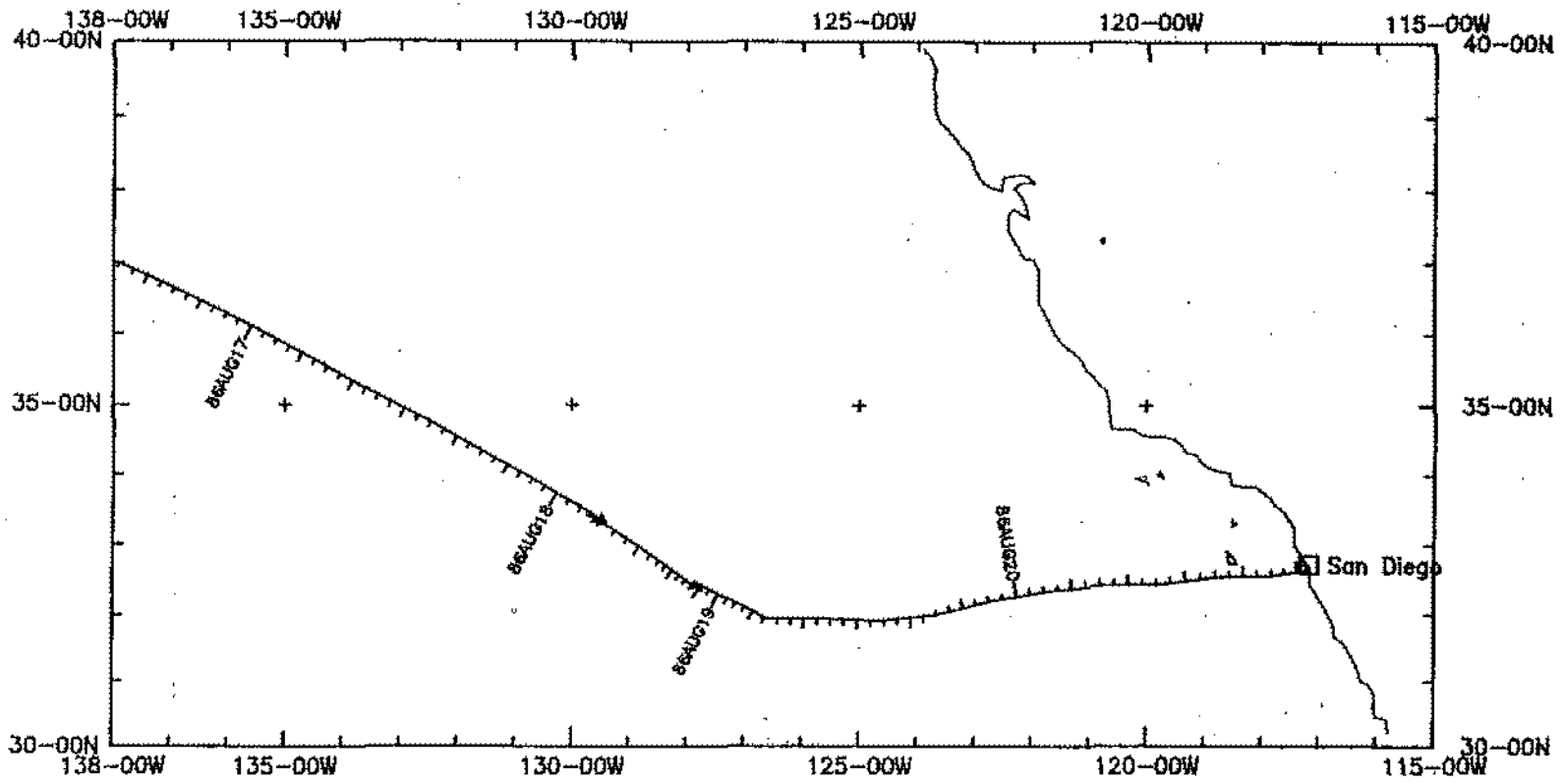

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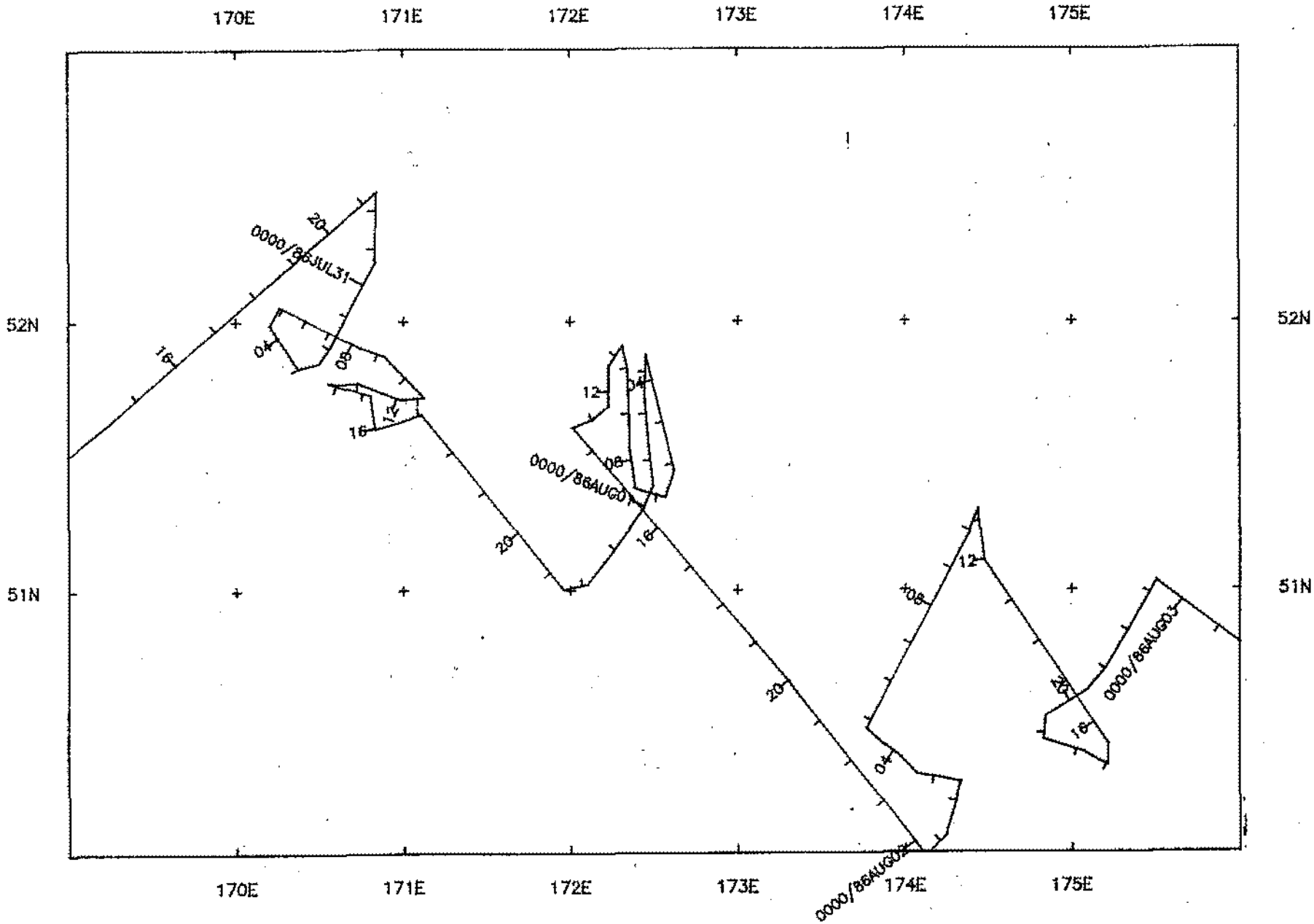

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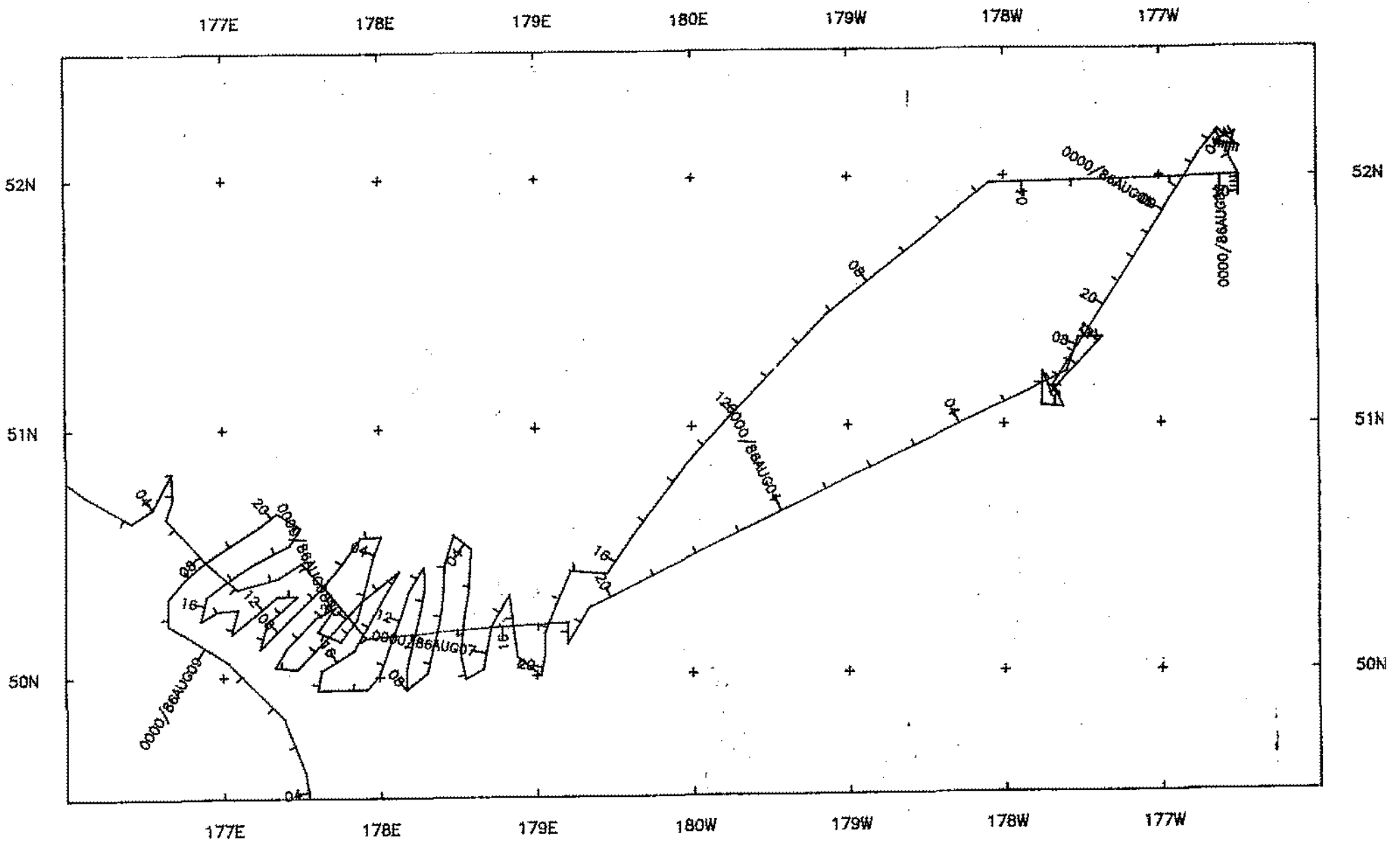

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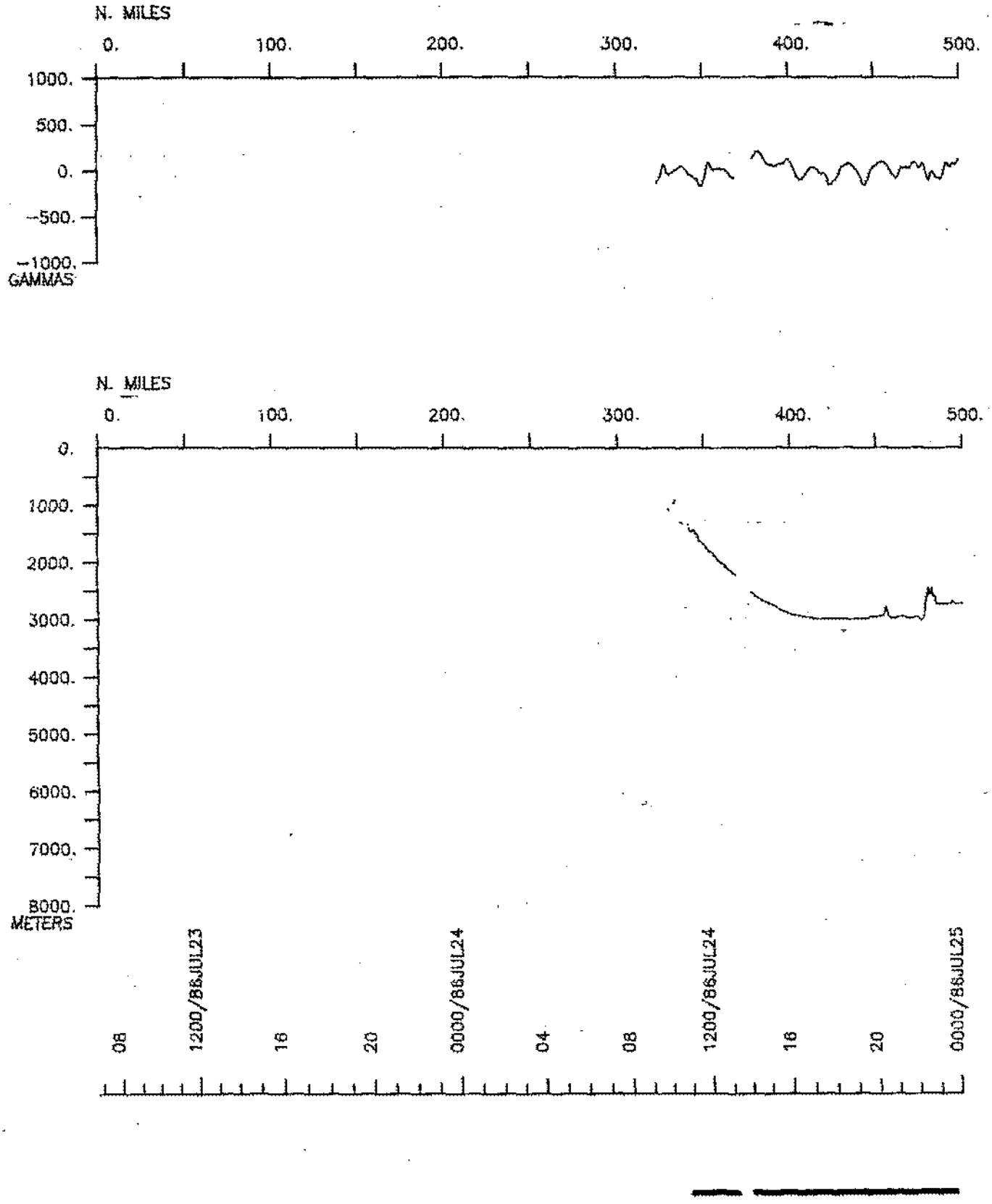
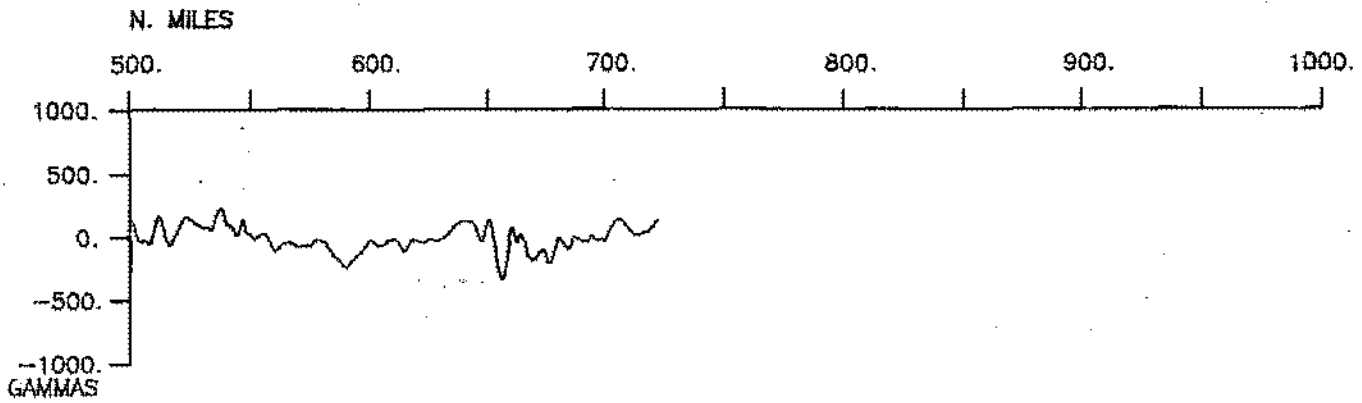
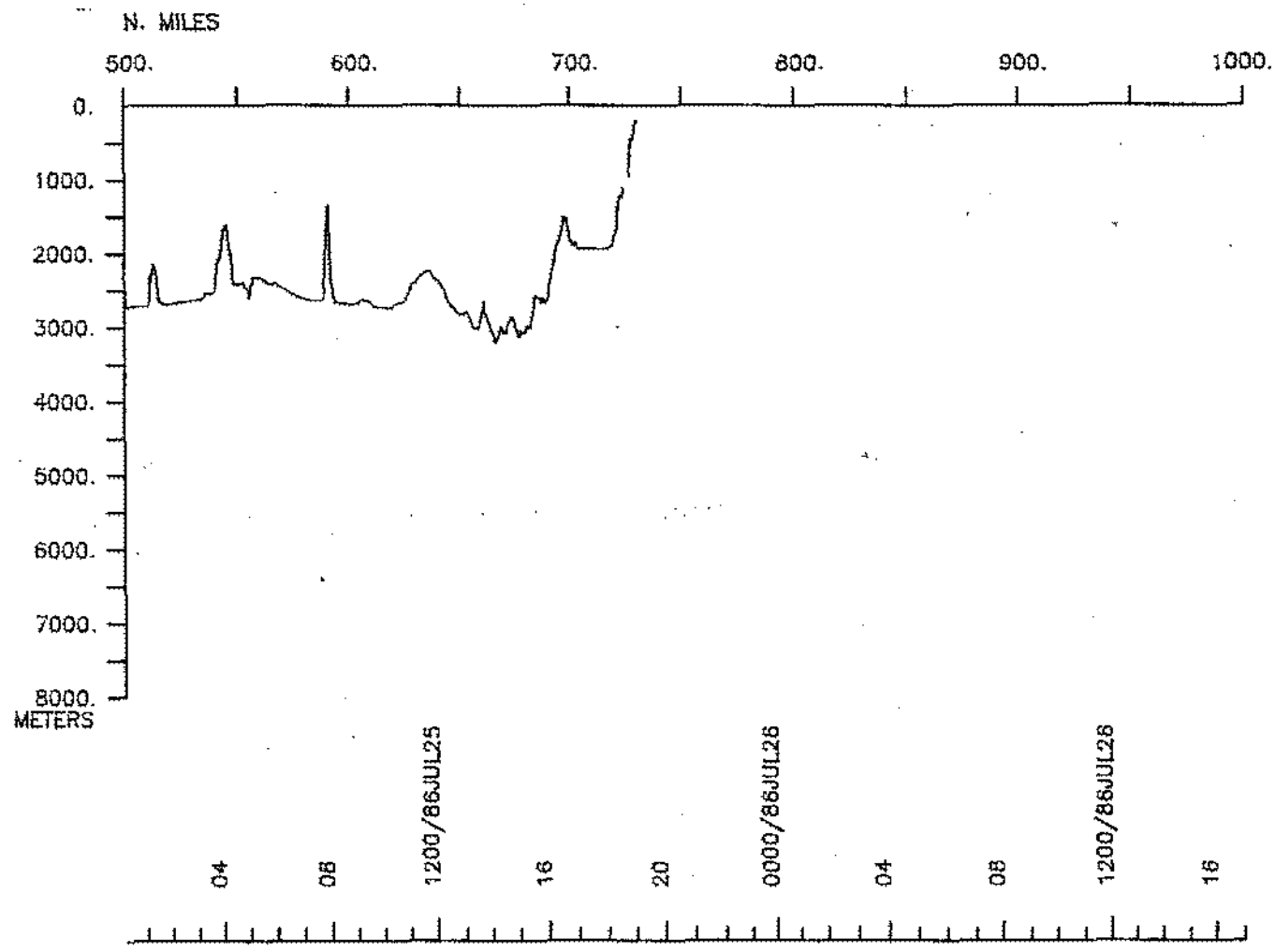


PAPATUA LEG 11 (PPTU11WT)





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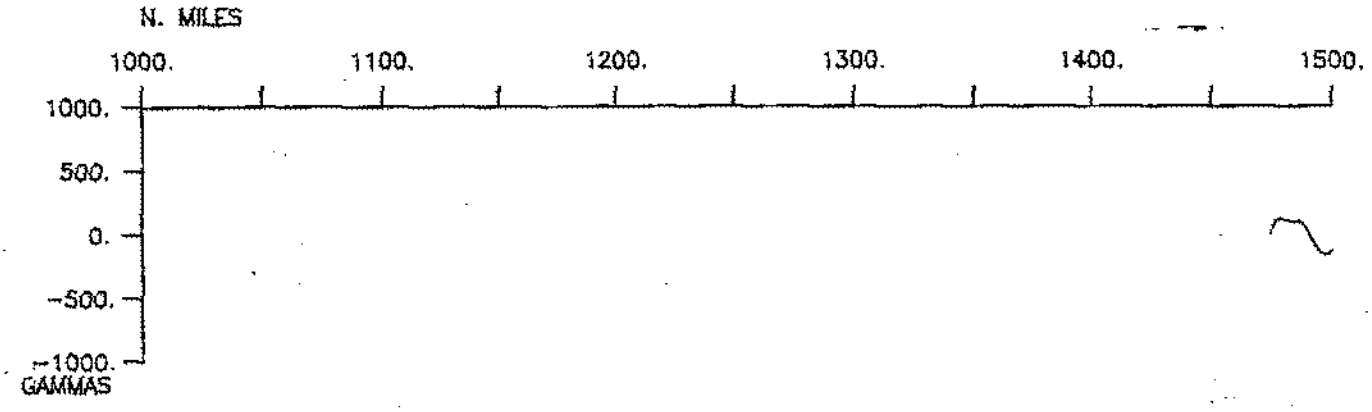
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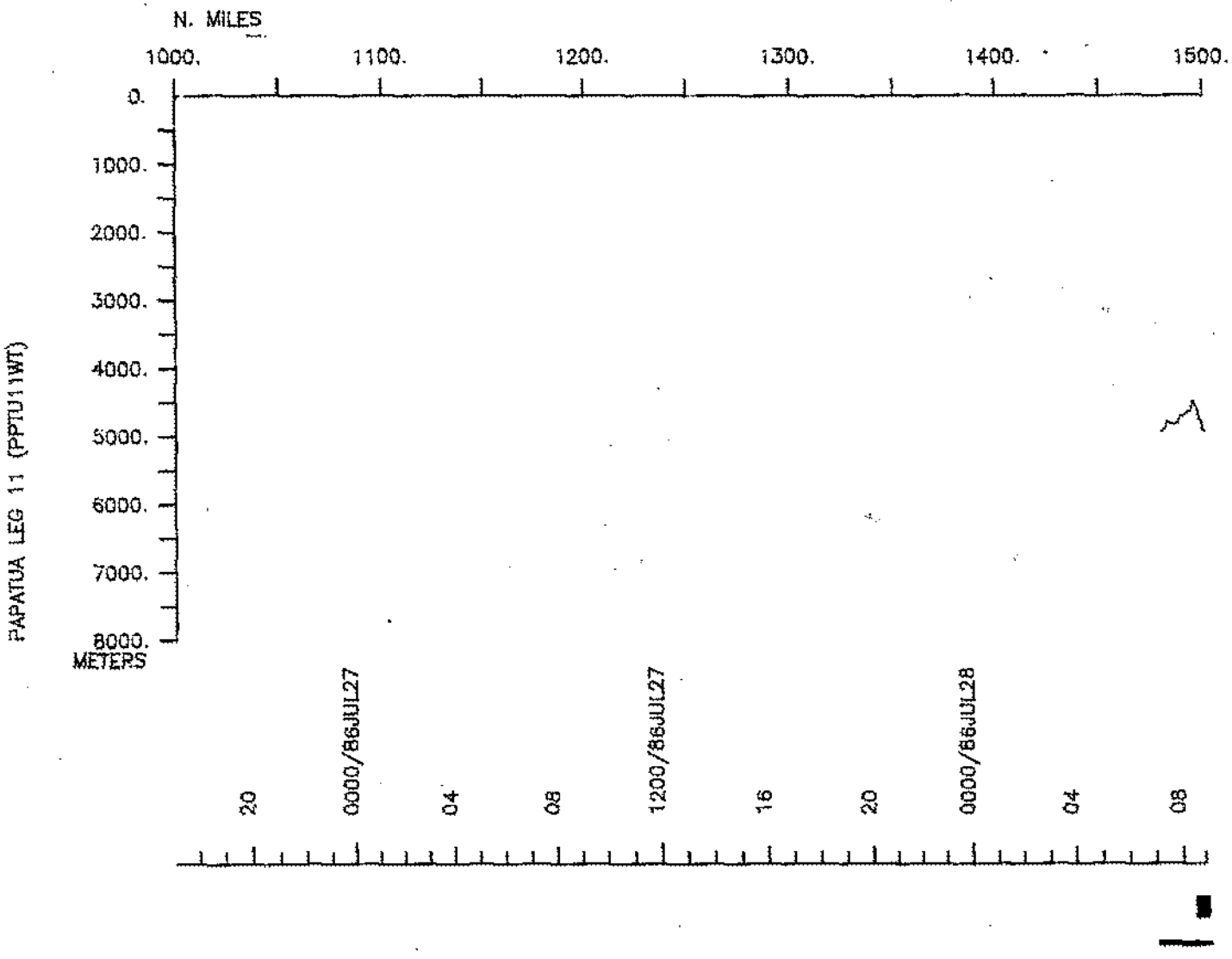
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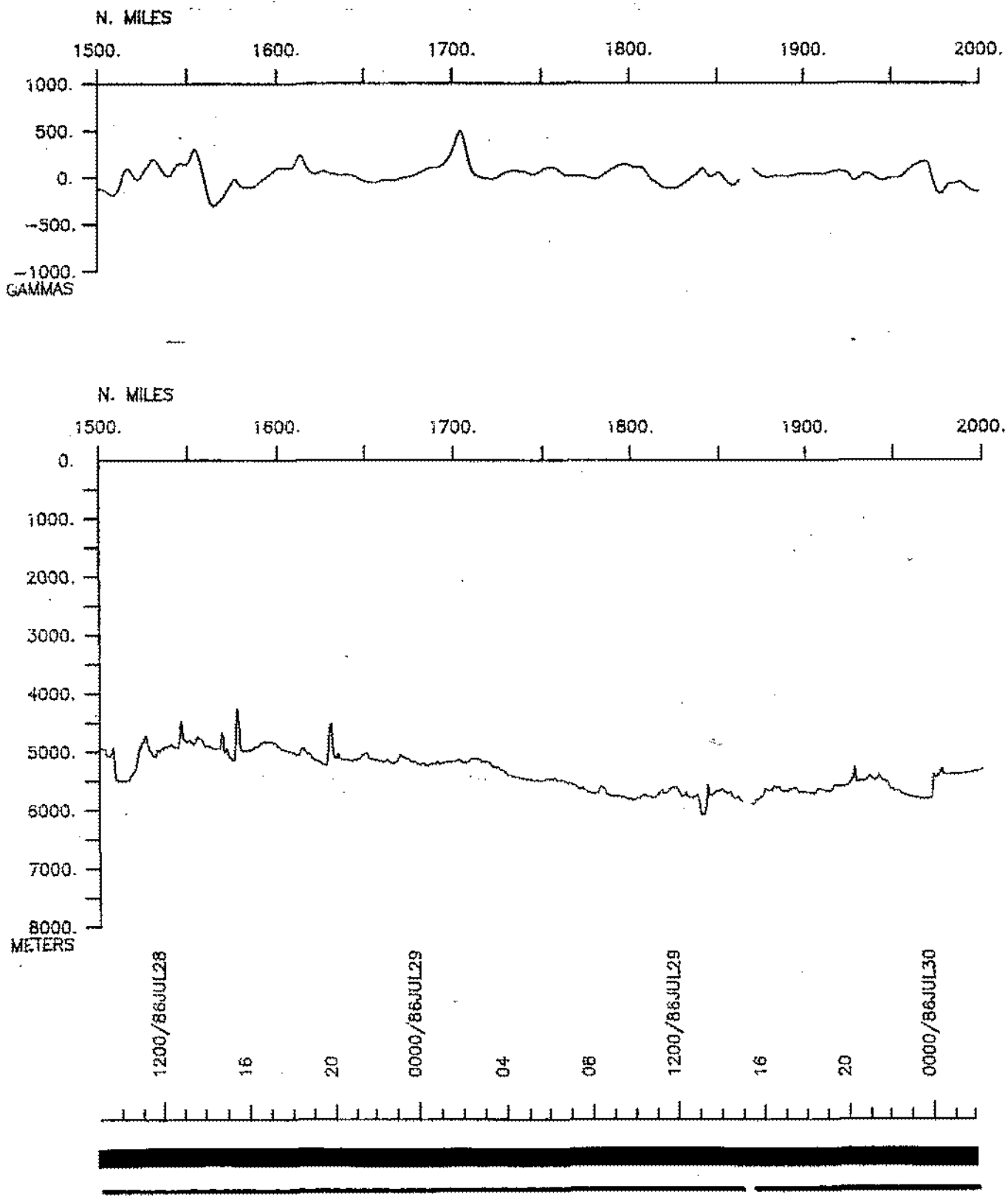
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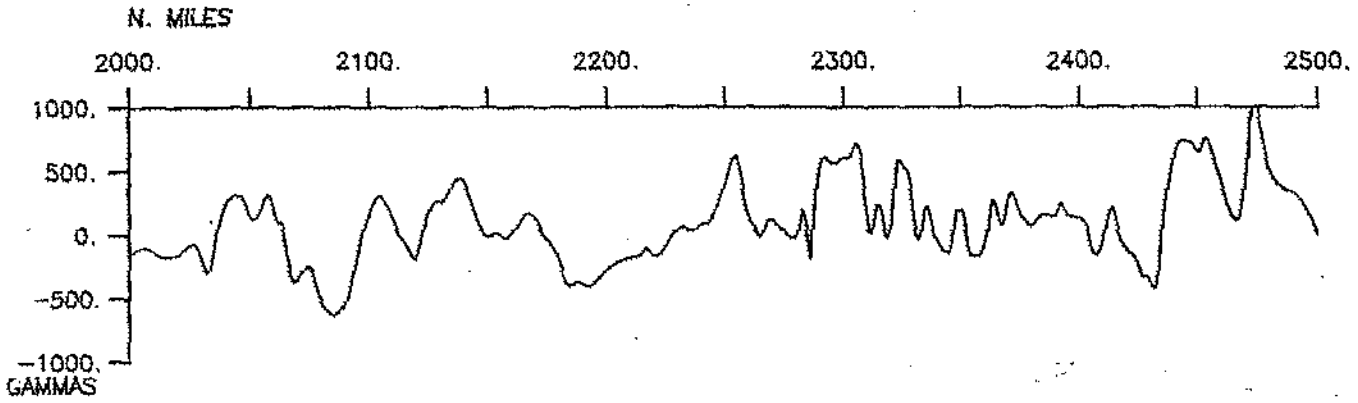
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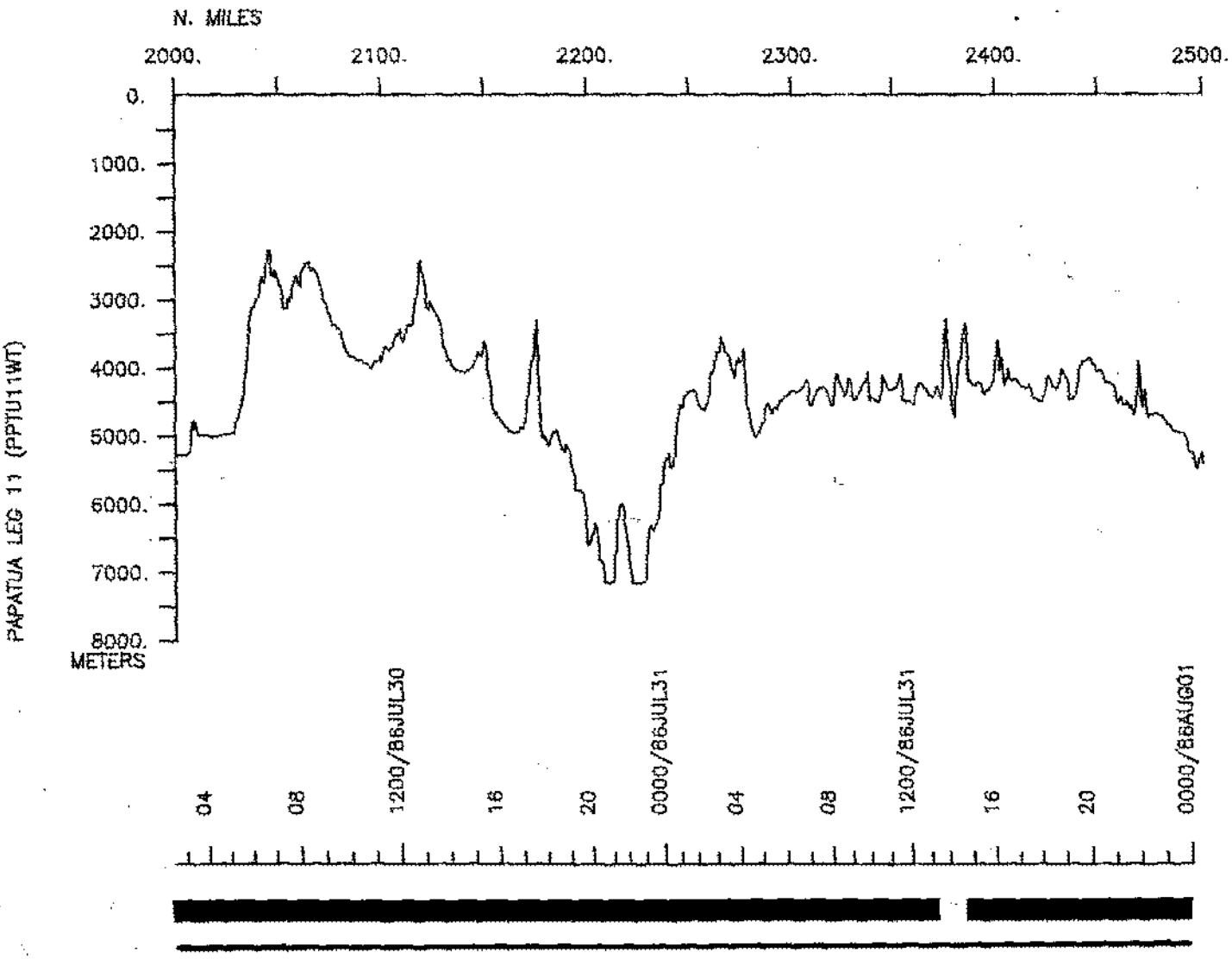
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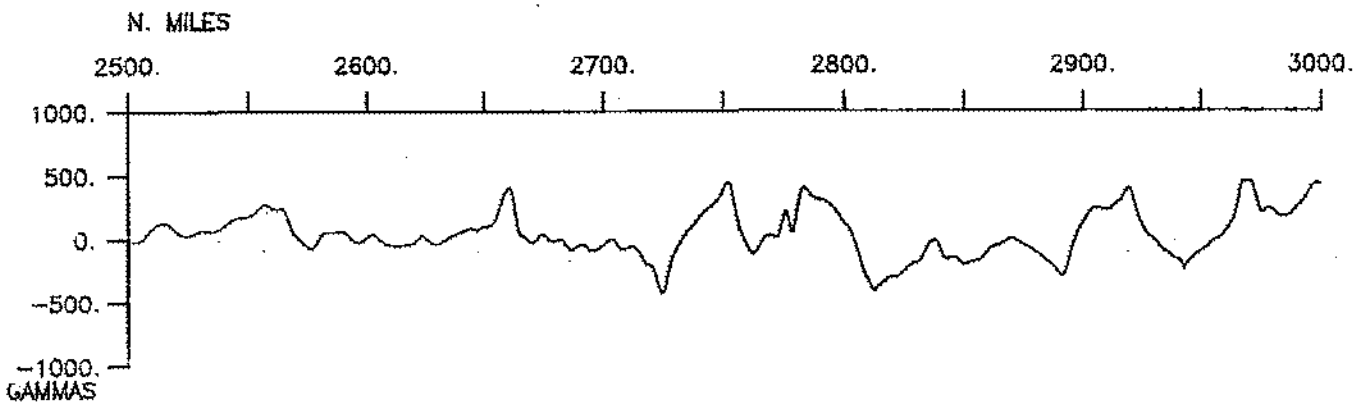
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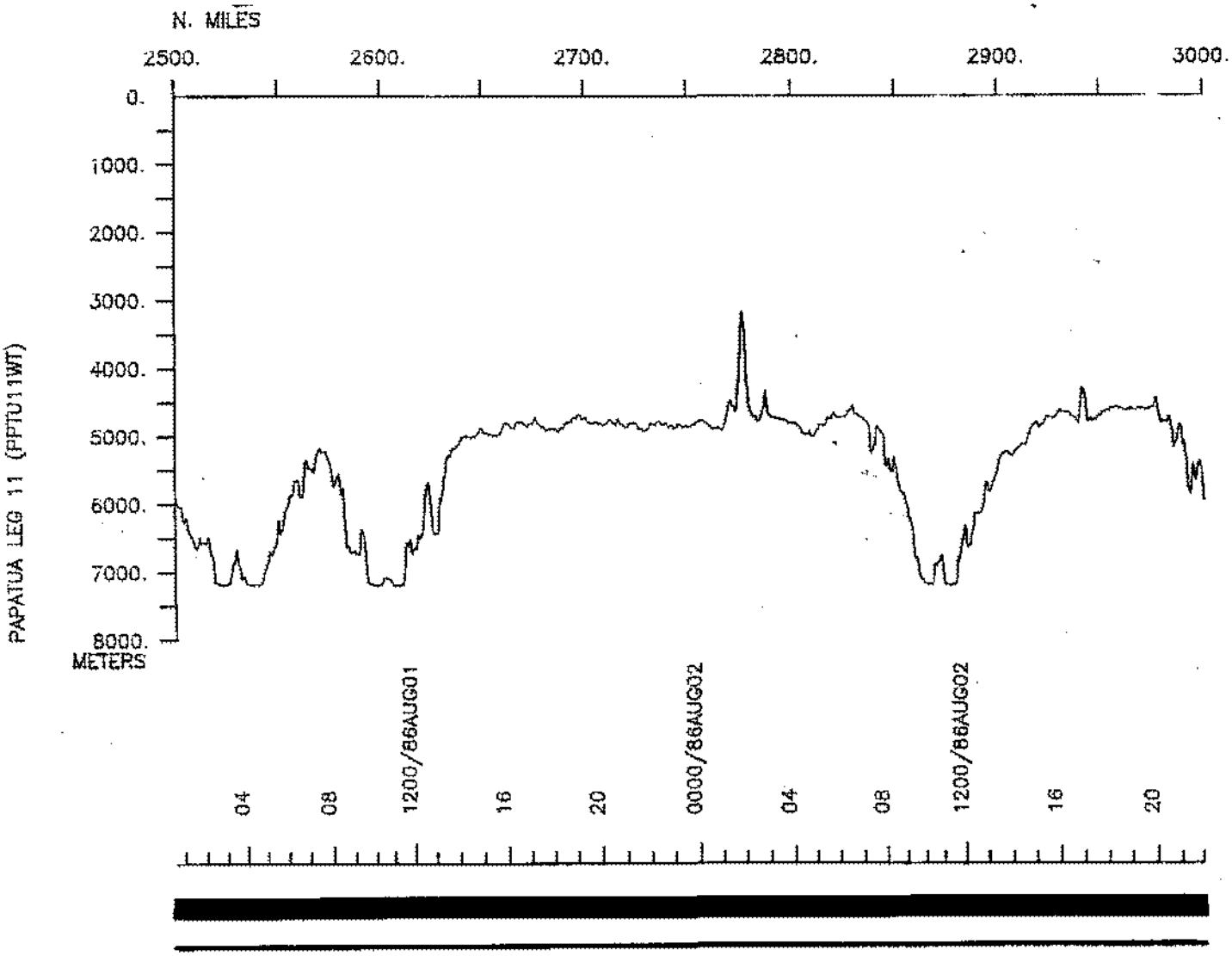
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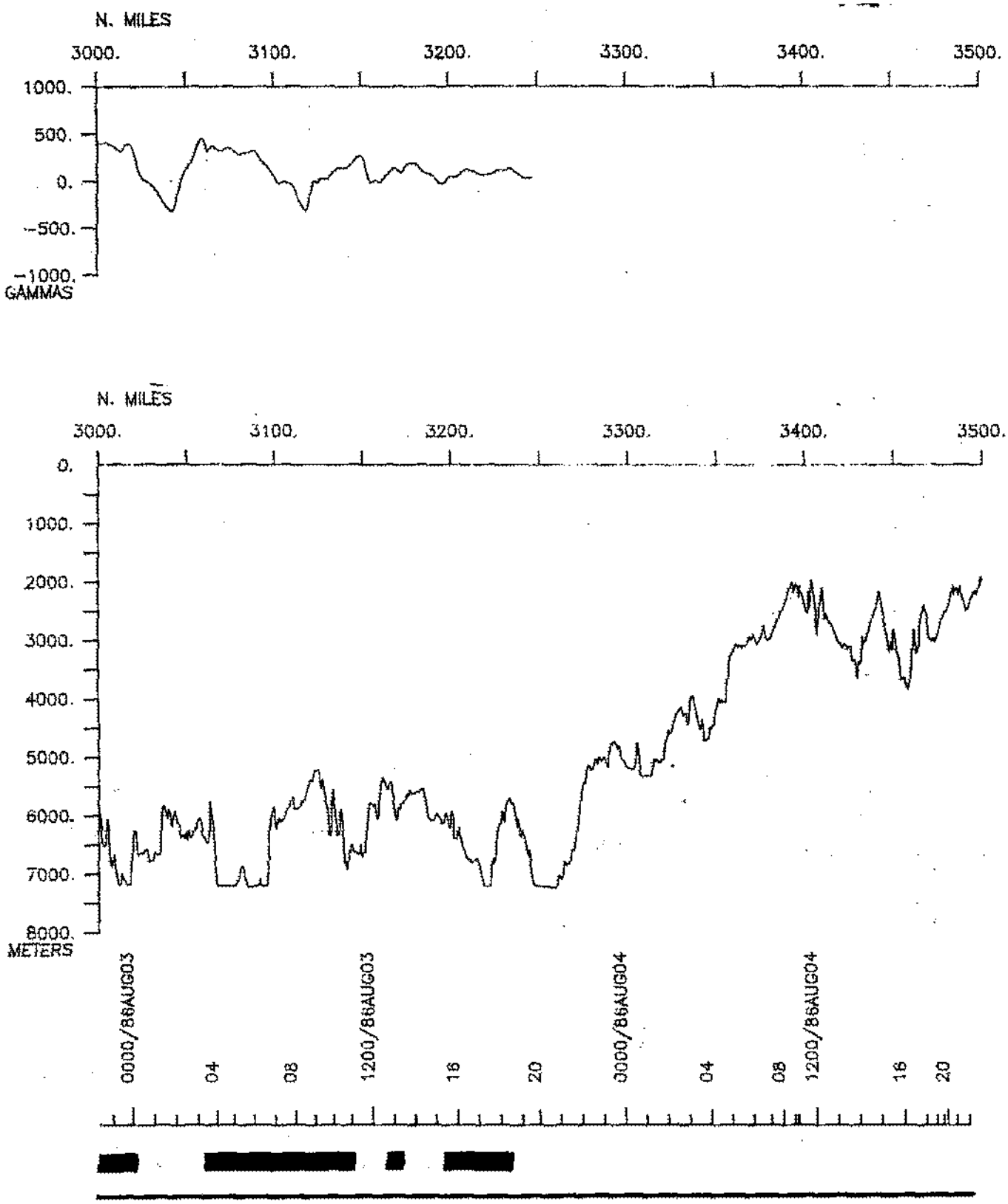
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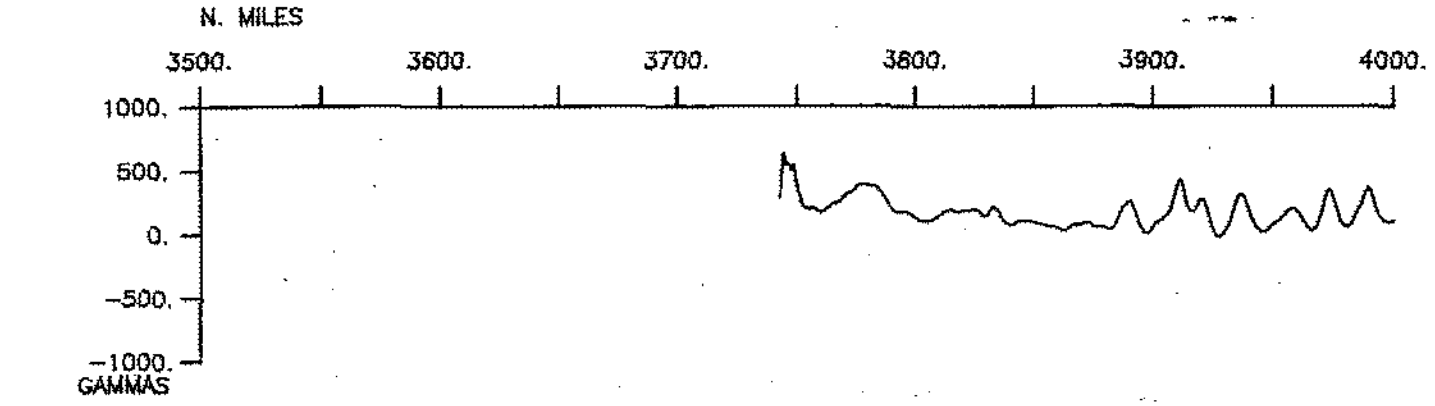

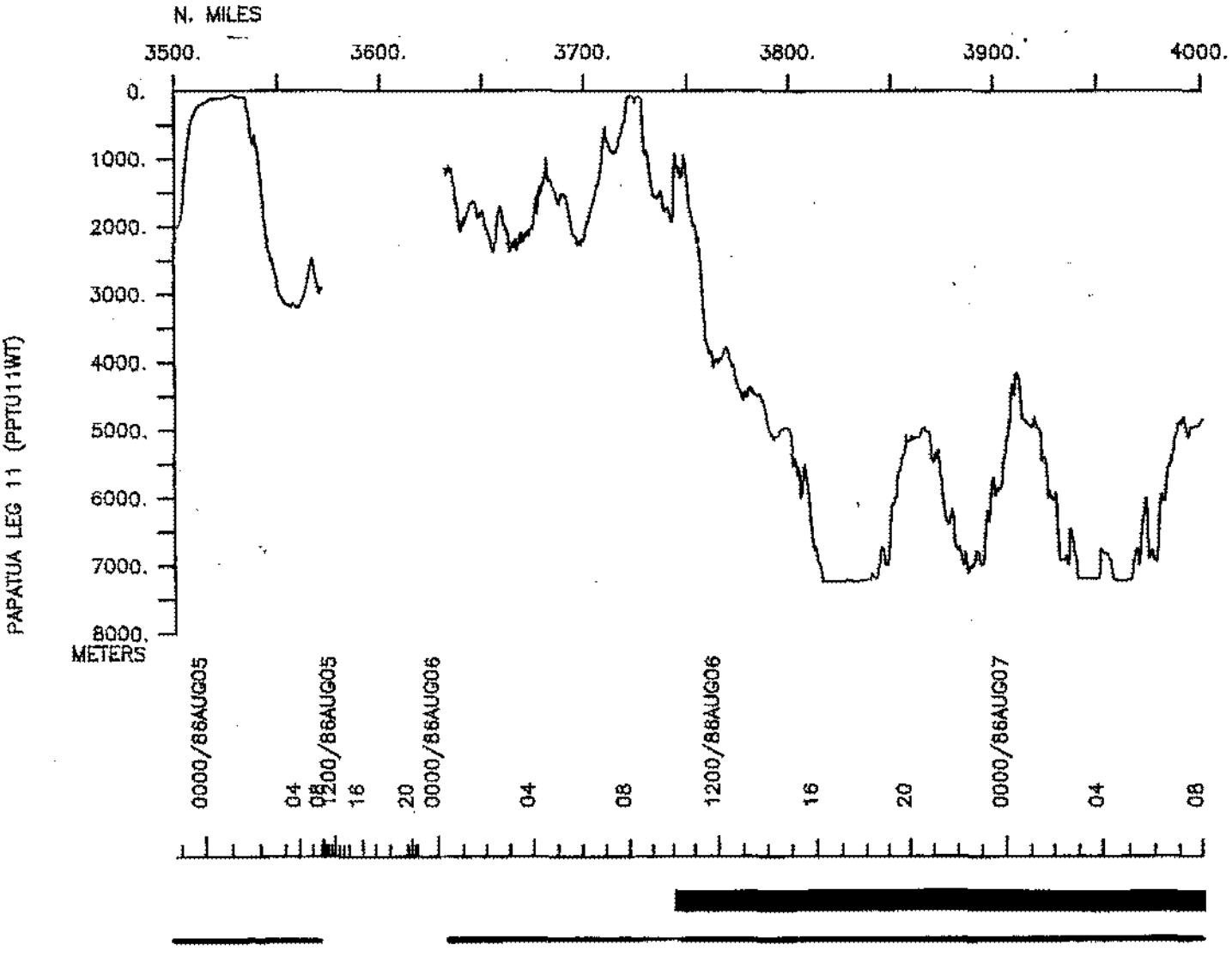

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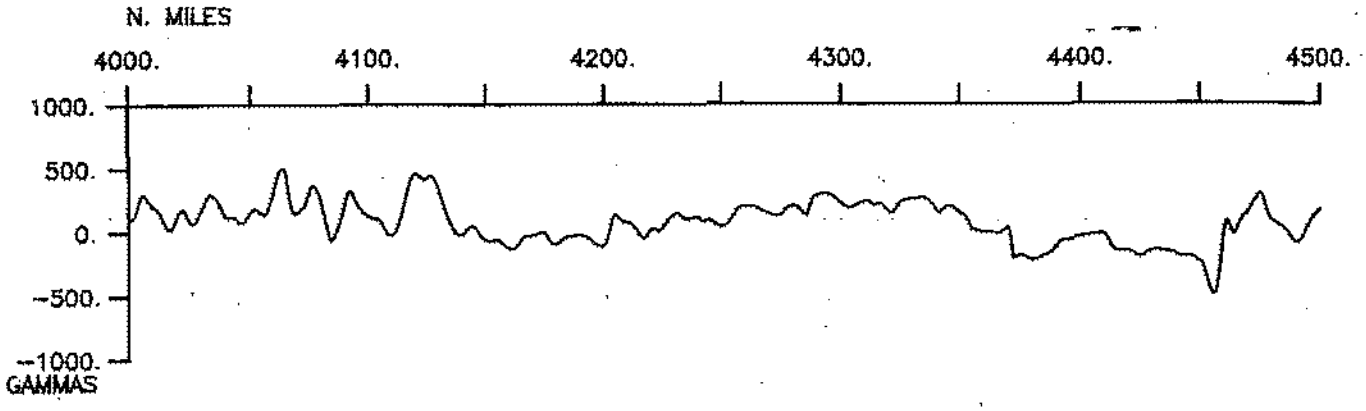
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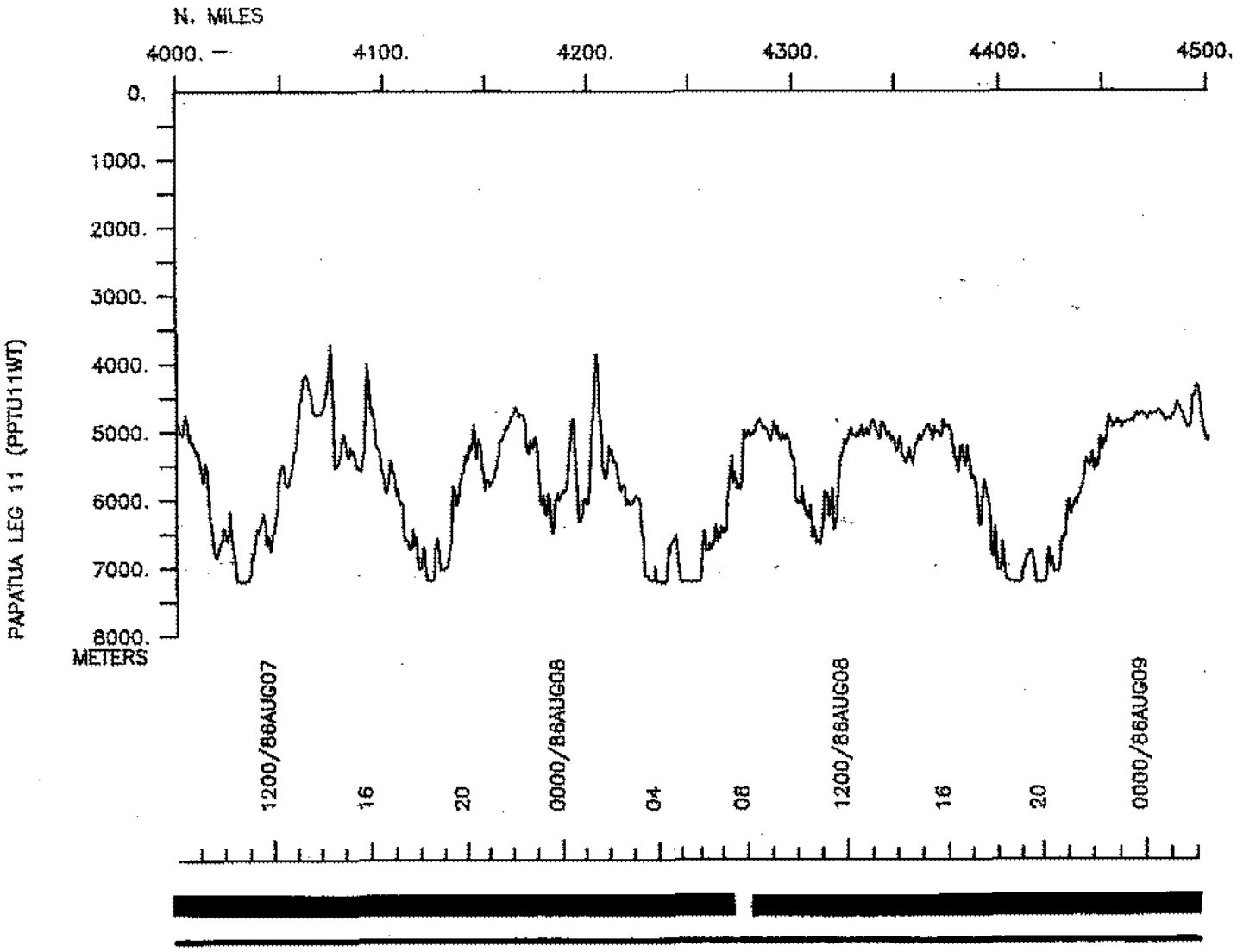
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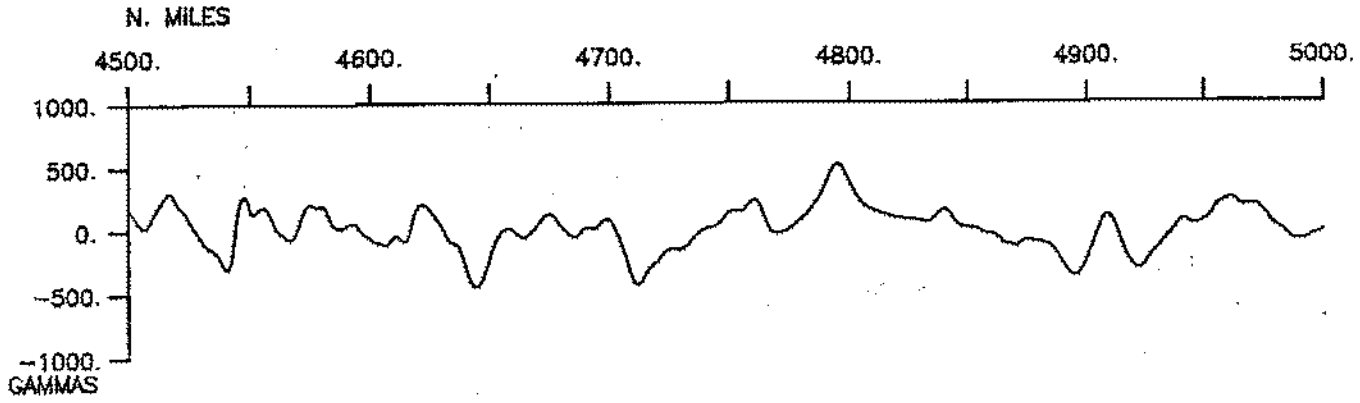
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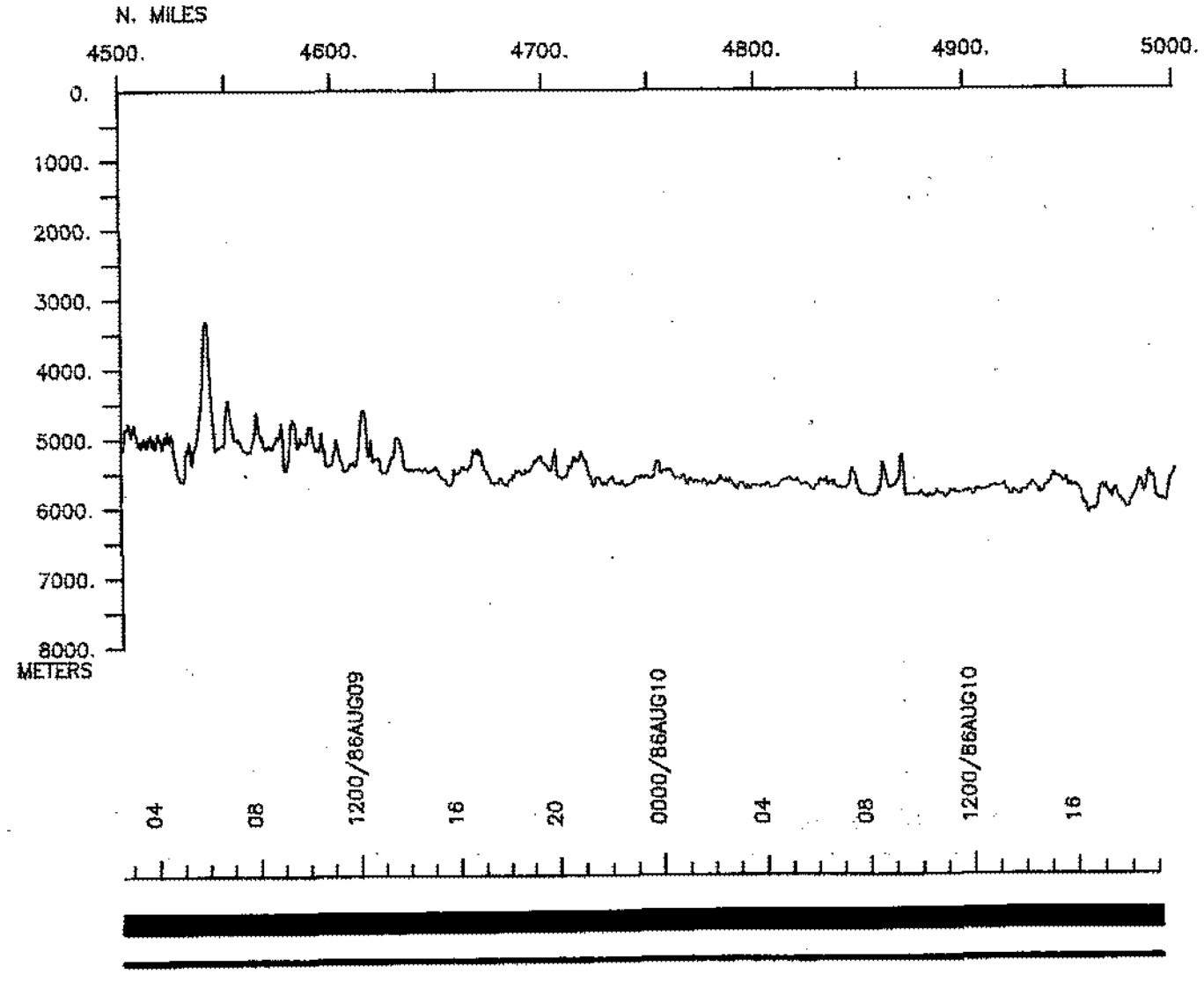
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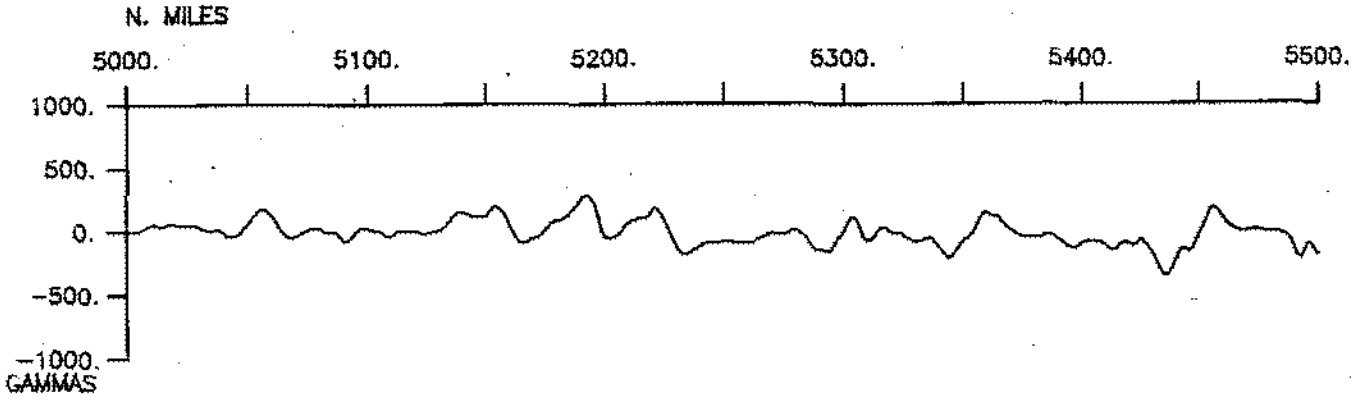
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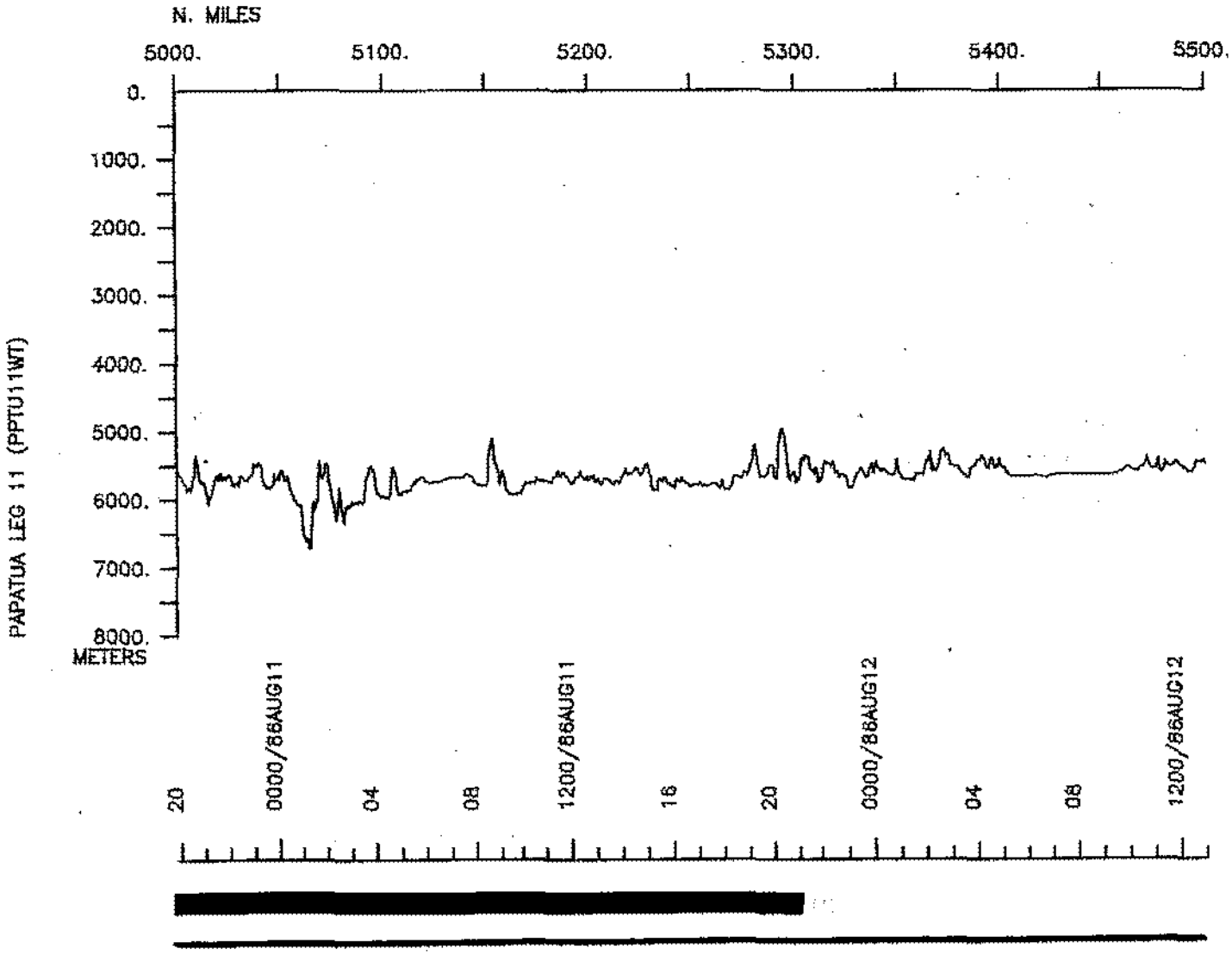
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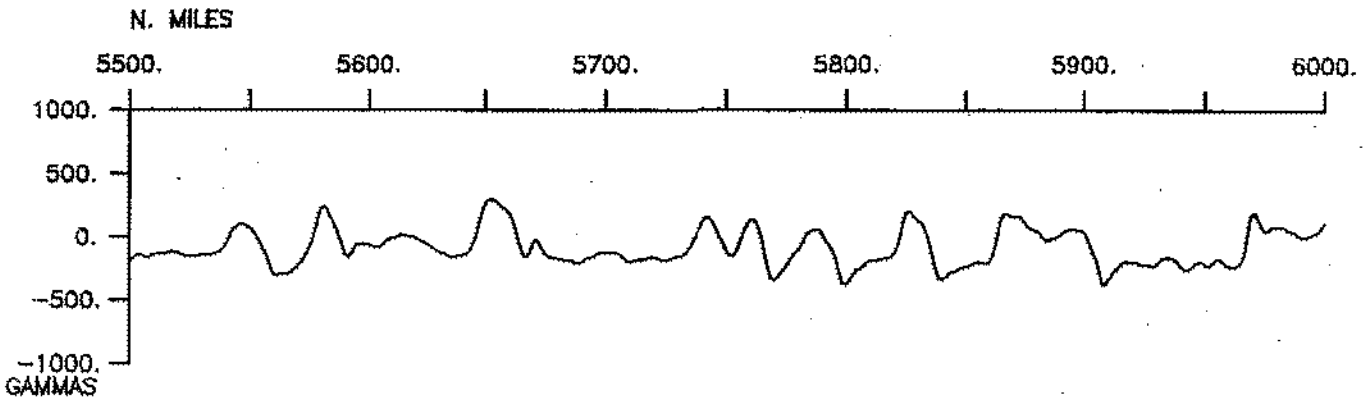
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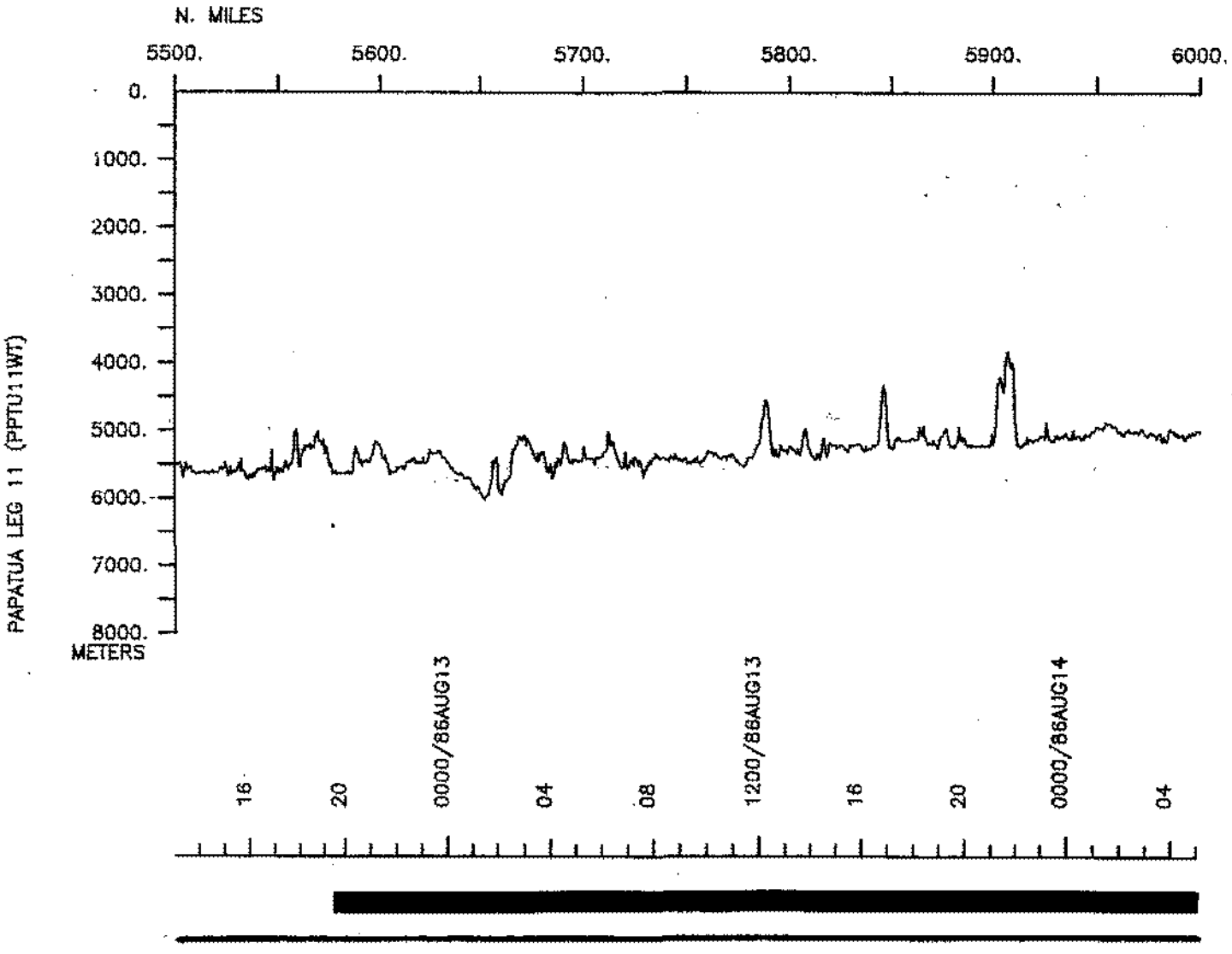
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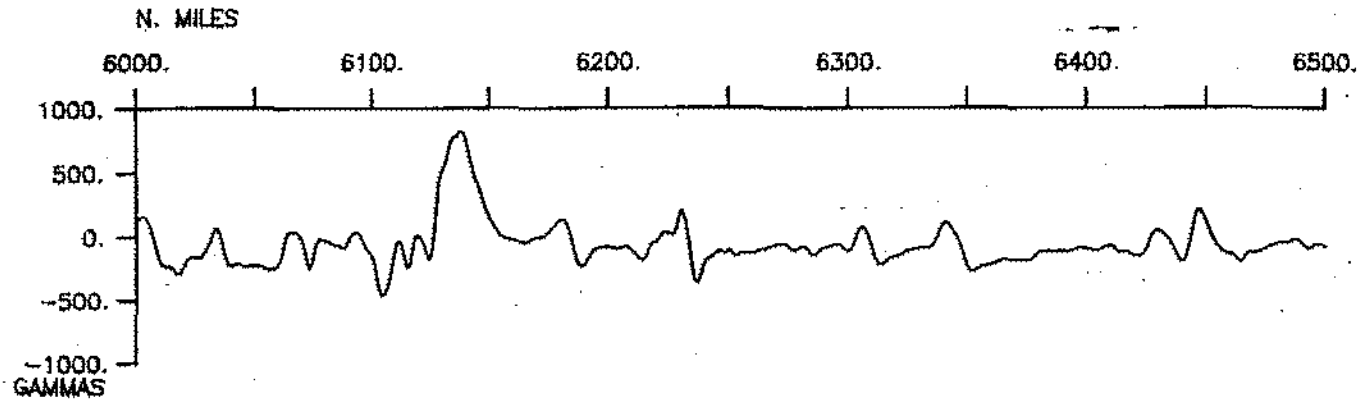
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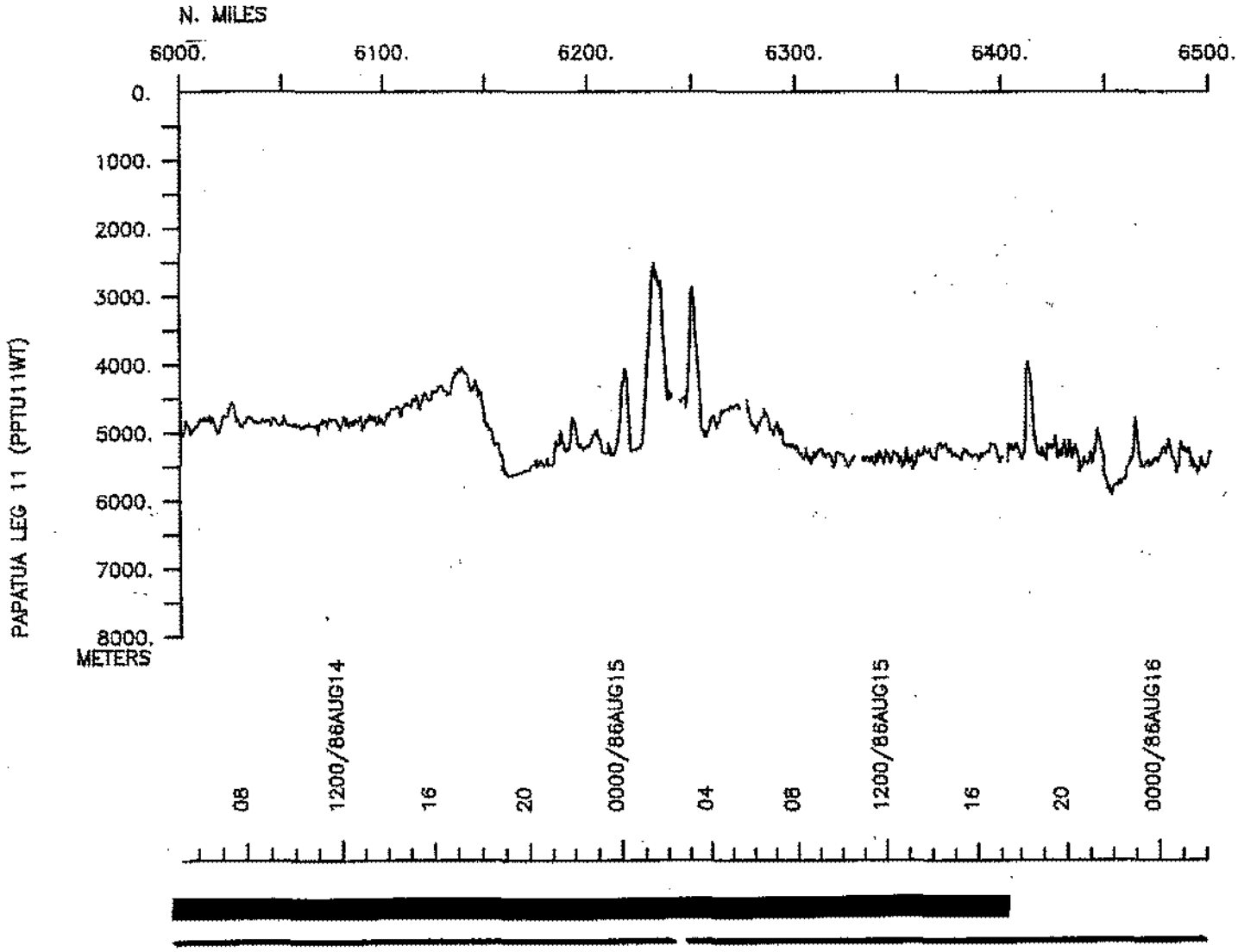
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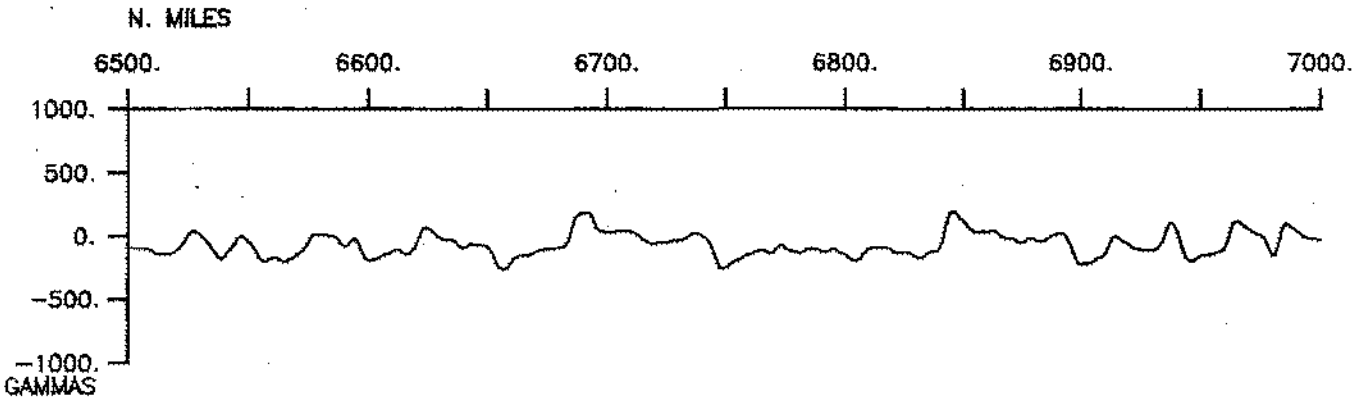
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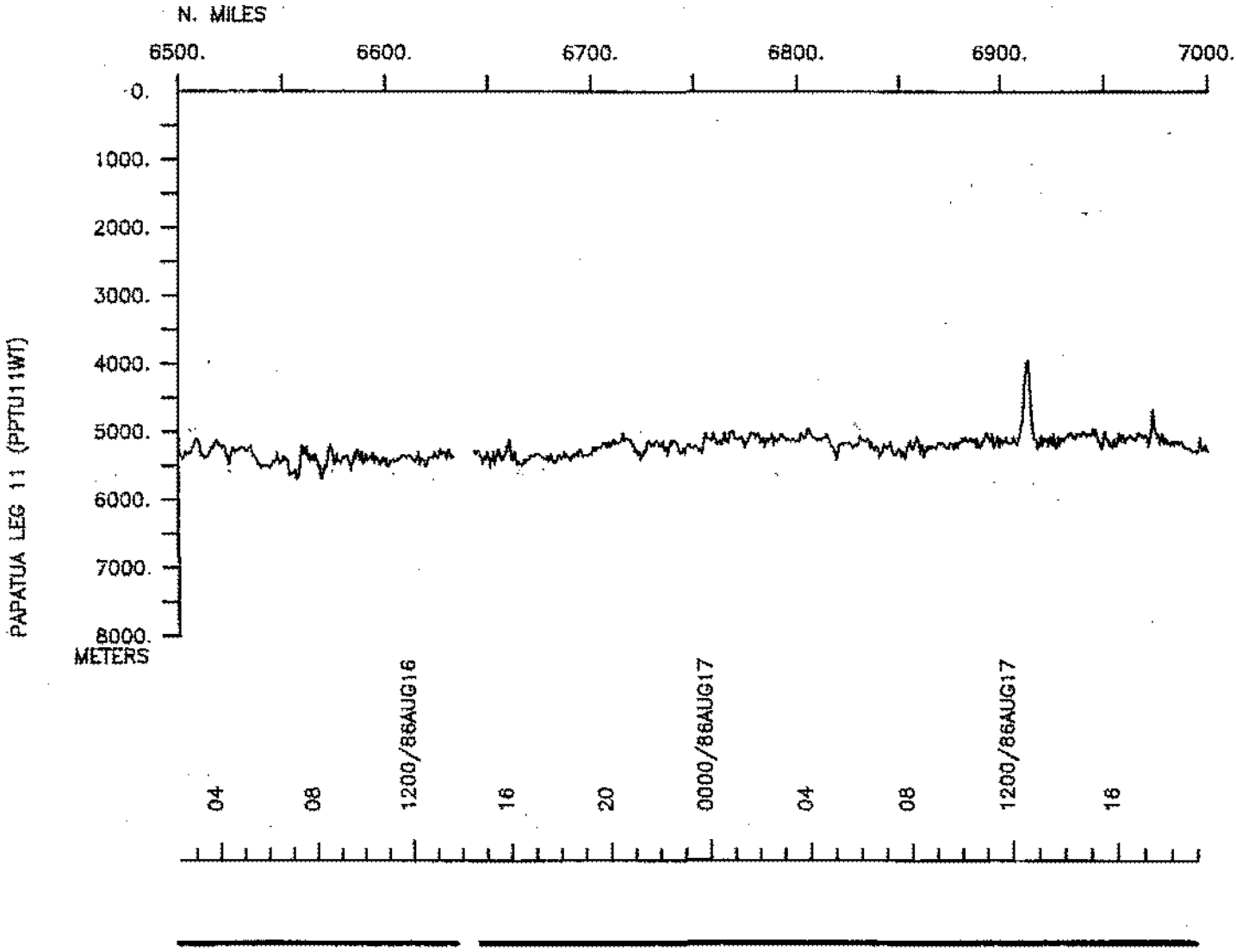
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0000/86AUG17
04
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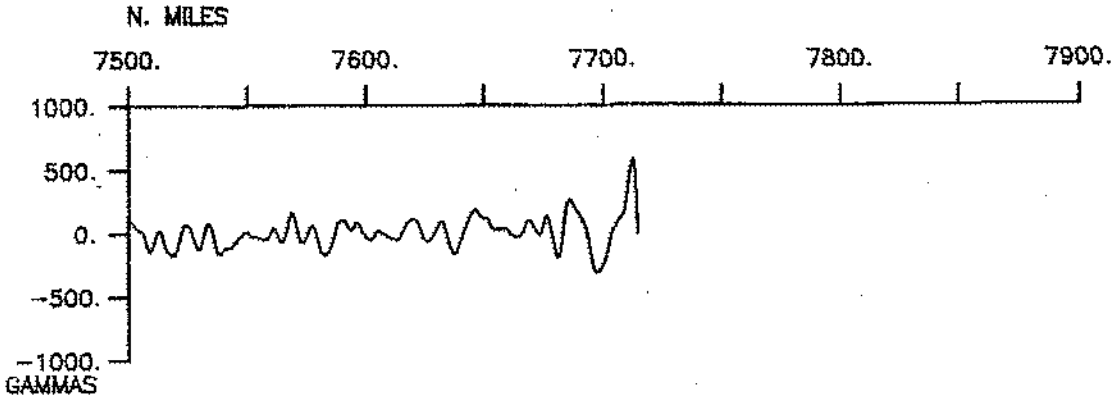
1200/86AUG17
16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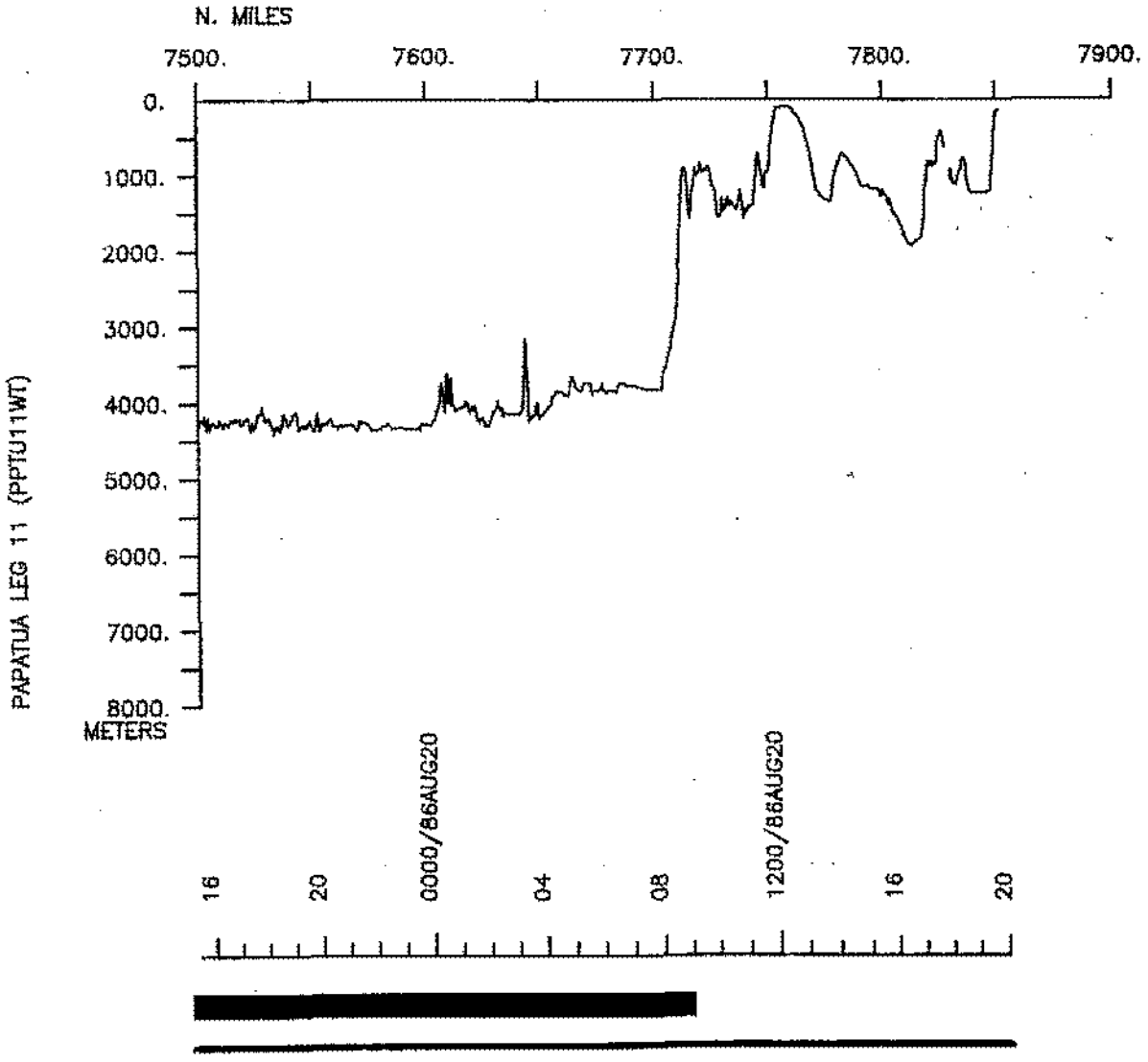
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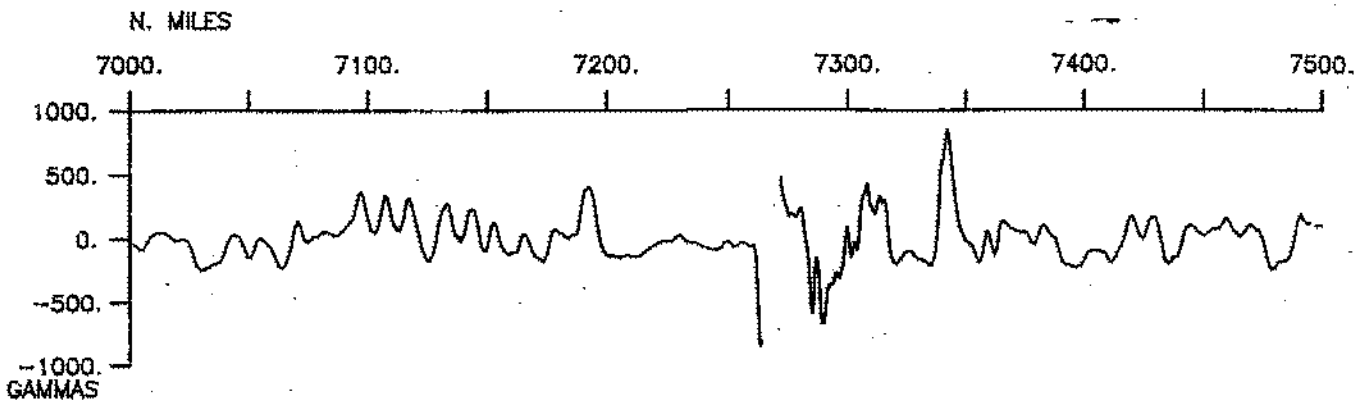
METERS
PAPATUA LEG 11 (PPTU11WT)
16
20
0000/86AUG20
04
08
1200/86AUG20
16
20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7500.
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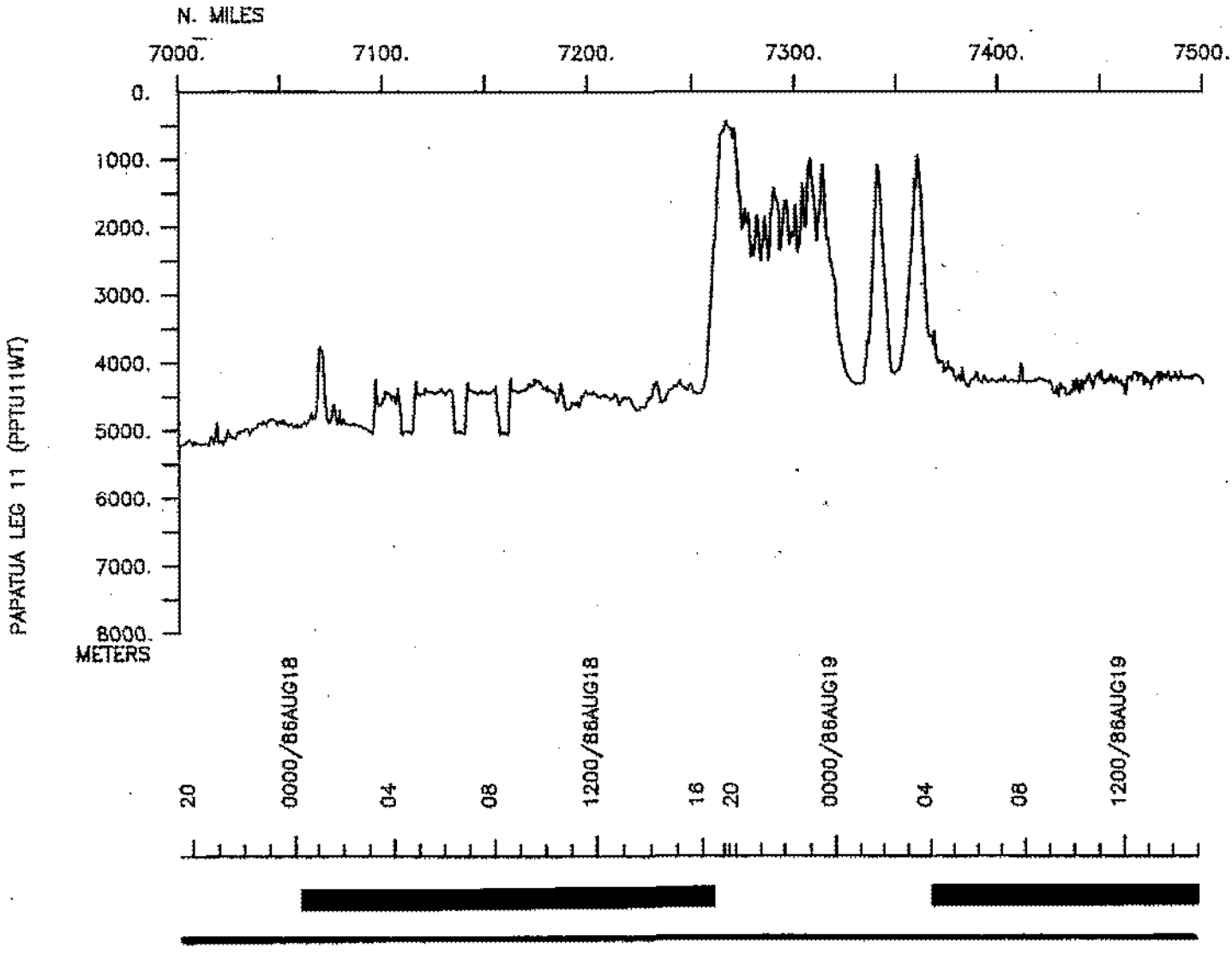
GAMMAS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2000.
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4000.
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6000.
7000.
8000.
METERS
PAPATUA LEG 11 (PPTU11WT)
20
0000/86AUG18
04
08
1200/86AUG18
16
20
0000/86AUG19
04
08
1200/86AUG19

S.I.O. SAMPLE INDEX

(Issued September 1986)

PAPATUA EXPEDITION

Leg 11

Sasebo, Japan (23 July 1986)
to
San Diego, Calif. (20 August 1986)

R/V T. Washington

Co-Chief Scientists - P. Lonsdale and K. Smith

Post-Cruise Processing and Report Preparation
by S.I.O. Geological Data Center

Index Encoding Funded by NSF
Grant Number OCE83-16603
Index Processing and Report Preparation
funded in part by SIA

The Sample Index is a first level interdisciplinary listing of time, position, sample identification and disposition of all samples, records and measurements collected on this cruise leg. The index data are encoded at sea by the resident marine technician and processed on shore by the S.I.O. Geological Data Center shortly after the completion of the cruise leg.

Positions are interpolated on the basis of sample time by comparison to a single, edited navigation file. Samples beginning at one time and position and ending at another are entered on two consecutive lines. Disposition and sample type are represented by three and four character codes to permit future computer searches on these parameters. (Listings defining these codes are available from the Geological Data Center.)

GDC Cruise I.D. #220

#***PORTS***

0631 230786	LGPT B SASEBO, JAPAN	33-10 N 129-43 E	fPPTU11WT
1910 050886	LGPT E ADAK, ALASKA	51-52 N 176-38 W	fPPTU11WT
2306 050886	LGPT B ADAK, ALASKA	51-52 N 176-38 W	fPPTU11WT
2200 200886	LGPT E SAN DIEGO, CAL.	32-43 N 117-11 W	fPPTU11WT

#***PERSONNEL***

NAME	***TITLE***	***AFFILIATION***	**CRID**
PECS MPL LONSDALE,DR.P.	CHIEF SCIENTIST	SCRIPPS INSTITUTION	PPTU11WT
PECS MBD SMITH,DR.K.	CHIEF SCIENTIST	SCRIPPS INSTITUTION	PPTU11WT
PESP WHO SMITH,DR.D.	POST DOC. SCHOL.	WOODS HOLE	PPTU11WT
PERT STS COMER,R.L.	RESIDENT TECH.	SCRIPPS INSTITUTION	PPTU11WT
PECT STS CHARTERS,J.	COMPUTER TECH.	SCRIPPS INSTITUTION	PPTU11WT
PEBE STS HYLAS,T.	SEABEAM ENGINEER	SCRIPPS INSTITUTION	PPTU11WT
PEBO STS SMITH,S.	SEABEAM OPERATOR	SCRIPPS INSTITUTION	PPTU11WT
PESP STS PHILLIPS,J.	COMPUTER TECH.	SCRIPPS INSTITUTION	PPTU11WT
PESP SIX PHILLIPS,DR.R.	PROFESSOR	SCRIPPS NON-EMPLOYEE	PPTU11WT
PESP MBD BALDWIN,R.	STAFF RES. ASSOC.	SCRIPPS INSTITUTION	PPTU11WT

#***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 #TIME DATE TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
#***UNDERWAY DATA CURATOR - S. M. SMITH EXT.42752						
#***LOG BOOKS***						
0930 240786	LBUW	B UNDERWAY WATCH LOG	GDC	36-401N	133-249E	sPPTU11WT
0830 200886	LBUW	E UNDERWAY WATCH LOG	GDC	32-248N	120-051W	sPPTU11WT
#***ECHOSOUNDER RECORDS***						
0903 240786	DPR3	B 3.5 KHZ ROLL-01	GDC	36-401N	133-249E	sPPTU11WT
1412 040886	DPR3	E 3.5 KHZ ROLL-01	GDC	51-079N	177-426W	sPPTU11WT
#***SEISMIC REFLECTION RECORDS***						
0849 280786	SPRS	B WATERGUN 4 SEC R-01	GDC	45-125N	156-250E	sPPTU11WT
2000 010886	SPRS	E WATERGUN 4 SEC R-01	GDC	50-395N	173-180E	sPPTU11WT
2010 010886	SPRS	B WATERGUN 4 SEC R-02	GDC	50-380N	173-200E	sPPTU11WT
1822 030886	SPRS	E WATERGUN 4 SEC R-02	GDC	50-063N	179-119E	sPPTU11WT
1830 030886	SPRS	B WATERGUN 4 SEC R-03	GDC	50-060N	179-140E	sPPTU11WT
1845 110886	SPRS	E WATERGUN 4 SEC R-03	GDC	43-457N	166-284W	sPPTU11WT
1846 110886	SPRS	B WATERGUN 4 SEC R-04	GDC	43-457N	166-281W	sPPTU11WT
0850 200886	SPRS	E WATERGUN 4 SEC R-04	GDC	32-248N	120-051W	sPPTU11WT
0830 280786	SPRF	B WATERGUN 2 SEC R-01	GDC	45-102N	156-207E	sPPTU11WT
1730 310786	SPRF	E WATERGUN 2 SEC R-01	GDC	51-372N	171-130E	sPPTU11WT
1752 310786	SPRF	B WATERGUN 2 SEC R-02	GDC	51-340N	171-173E	sPPTU11WT
2137 080886	SPRF	E WATERGUN 2 SEC R-02	GDC	50-280N	176-520E	sPPTU11WT
2144 080886	SPRF	B WATERGUN 2 SEC R-03	GDC	50-271N	176-503E	sPPTU11WT
1720 150886	SPRF	E WATERGUN 2 SEC R-03	GDC	38-356N	142-230W	sPPTU11WT
0010 180886	SPRF	B WATERGUN 2 SEC R-04	GDC	33-427N	130-149W	sPPTU11WT
0850 200886	SPRF	E WATERGUN 2 SEC R-04	GDC	32-248N	120-051W	sPPTU11WT
#***SEABEAM MONITOR RECORDS - 12KHZ ***						
1103 240786	MBMR	B SEABEAM MONITOR-01	GDC	36-557N	133-467E	sPPTU11WT
1800 280786	MBMR	E SEABEAM MONITOR-01	GDC	46-186N	158-327E	sPPTU11WT
1806 280786	MBMR	B SEABEAM MONITOR-02	GDC	46-193N	158-342E	sPPTU11WT
0700 010886	MBMR	E SEABEAM MONITOR-02	GDC	51-210N	172-313E	sPPTU11WT
0706 010886	MBMR	B SEABEAM MONITOR-03	GDC	51-214N	172-292E	sPPTU11WT
2125 040886	MBMR	E SEABEAM MONITOR-03	GDC	51-235N	177-314W	sPPTU11WT
2134 040886	MBMR	B SEABEAM MONITOR-04	GDC	51-215N	177-317W	sPPTU11WT
0340 090886	MBMR	E SEABEAM MONITOR-04	GDC	49-356N	177-311E	sPPTU11WT
0346 090886	MBMR	B SEABEAM MONITOR-05	GDC	49-344N	177-314E	sPPTU11WT
1933 120886	MBMR	E SEABEAM MONITOR-05	GDC	42-527N	159-387W	sPPTU11WT
1940 120886	MBMR	B SEABEAM MONITOR-06	GDC	42-524N	159-367W	sPPTU11WT
1157 160886	MBMR	E SEABEAM MONITOR-06	GDC	37-089N	138-189W	sPPTU11WT
1204 160886	MBMR	B SEABEAM MONITOR-07	GDC	37-083N	138-174W	sPPTU11WT
2200 200886	MBMR	E SEABEAM MONITOR-07	GDC	32-388N	117-136W	sPPTU11WT

#GMT DDMMYY LOC T #TIME DATE TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
#*SEABEAM ARCHIVE SWATH BOOKS***						
1103 240786	MBSB	B SB ARCHIVE SW BK 01	GDC	36-557N	133-467E	sPPTU11WT
1850 250786	MBSB	E SB ARCHIVE SW BK 01	GDC	41-078N	139-541E	sPPTU11WT
0712 280786	MBSB	B SB ARCHIVE SW BK 02	GDC	45-020N	156-033E	sPPTU11WT
1424 290786	MBSB	E SB ARCHIVE SW BK 02	GDC	48-396N	163-314E	sPPTU11WT
1425 290786	MBSB	B SB ARCHIVE SW BK 03	GDC	48-398N	163-317E	sPPTU11WT
0455 310786	MBSB	E SB ARCHIVE SW BK 03	GDC	52-038N	170-155E	sPPTU11WT
0458 310786	MBSB	B SB ARCHIVE SW BK 04	GDC	52-043N	170-155E	sPPTU11WT
1132 020886	MBSB	E SB ARCHIVE SW BK 04	GDC	51-115N	174-290E	sPPTU11WT
1132 020886	MBSB	B SB ARCHIVE SW BK 05	GDC	51-115N	174-290E	sPPTU11WT
1523 040886	MBSB	E SB ARCHIVE SW BK 05	GDC	51-085N	177-484W	sPPTU11WT
1523 040886	MBSB	B SB ARCHIVE SW BK 06	GDC	51-085N	177-484W	sPPTU11WT
1710 070886	MBSB	E SB ARCHIVE SW BK 06	GDC	50-145N	177-567E	sPPTU11WT
1711 070886	MBSB	B SB ARCHIVE SW BK 07	GDC	50-147N	177-569E	sPPTU11WT
1333 090886	MBSB	E SB ARCHIVE SW BK 07	GDC	48-368N	179-590E	sPPTU11WT
1333 090886	MBSB	B SB ARCHIVE SW BK 08	GDC	48-368N	179-590E	sPPTU11WT
1348 110886	MBSB	E SB ARCHIVE SW BK 08	GDC	43-532N	167-521W	sPPTU11WT
1350 110886	MBSB	B SB ARCHIVE SW BK 09	GDC	43-531N	167-515W	sPPTU11WT
1332 130886	MBSB	E SB ARCHIVE SW BK 09	GDC	41-575N	154-410W	sPPTU11WT
1332 130886	MBSB	B SB ARCHIVE SW BK 10	GDC	41-575N	154-410W	sPPTU11WT
1112 150886	MBSB	E SB ARCHIVE SW BK 10	GDC	39-023N	143-430W	sPPTU11WT
1112 150886	MBSB	B SB ARCHIVE SW BK 11	GDC	39-023N	143-430W	sPPTU11WT
0452 170886	MBSB	E SB ARCHIVE SW BK 11	GDC	35-392N	134-314W	sPPTU11WT
0452 170886	MBSB	B SB ARCHIVE SW BK 12	GDC	35-392N	134-314W	sPPTU11WT
2109 180886	MBSB	E SB ARCHIVE SW BK 12	GDC	32-269N	127-529W	sPPTU11WT
2113 180886	MBSB	B SB ARCHIVE SW BK 13	GDC	32-275N	127-525W	sPPTU11WT
0929 200886	MBSB	E SB ARCHIVE SW BK 13	GDC	32-250N	119-578W	sPPTU11WT
0933 200886	MBSB	B SB ARCHIVE SW BK 14	GDC	32-250N	119-568W	sPPTU11WT
2200 200886	MBSB	E SB ARCHIVE SW BK 14	GDC	32-388N	117-136W	sPPTU11WT
#*MAGNETIC (EARTH TOTAL FIELD) RECORDS***						
0916 240786	MGRA	B MAGNETICS ROLL-01	GDC	36-418N	133-273E	sPPTU11WT
1800 080886	MGRA	E MAGNETICS ROLL-01	GDC	50-304N	177-194E	sPPTU11WT
1806 080886	MGRA	B MAGNETICS ROLL-02	GDC	50-310N	177-211E	sPPTU11WT
0850 200886	MGRA	E MAGNETICS ROLL-02	GDC	32-248N	120-051W	sPPTU11WT
#*GRAVITY RECORDS***						
2049 050886	GVRA	B GRAVITY ROLL-01	GDC	51-548N	176-294W	sPPTU11WT
2200 200886	GVRA	E GRAVIRY ROLL-01	GDC	32-388N	117-136W	sPPTU11WT
#*THERMOGRAPHS***						
0530 230786	TGRC	B THERMOGRAPHS 1-29	GDC	33-098N	129-427E	sPPTU11WT
2100 200886	TGRC	E THERMOGRAPHS 1-29	GDC	32-388N	117-136W	sPPTU11WT

#GMT DDMMYY LOC T #TIME DATE TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
#***FREE VEHICLE TRAPS***						
0650 040886	TRFV B	TRAP STA-101	3000M	MBD	51-133N 177-284W	sPPTU11WT
1830 040886	TRFV E	TRAP STA-101	3000M	MBD	51-147N 177-294W	sPPTU11WT
0700 040886	TRFV B	TRAP STA-102	2500M	MBD	51-132N 177-286W	sPPTU11WT
1930 040886	TRFV E	TRAP STA-102	2500M	MBD	51-191N 177-307W	sPPTU11WT
0730 040886	TRFV B	TRAP STA-103	2500M	MBD	51-175N 177-299W	sPPTU11WT
2145 040886	TRFV E	TRAP STA-103	2500M	MBD	51-194N 177-317W	sPPTU11WT
0800 040886	TRFV B	TRAP STA-104	2000M	MBD	51-192N 177-314W	sPPTU11WT
2100 040886	TRFV E	TRAP STA-104	2000M	MBD	51-236N 177-310W	sPPTU11WT
0307 050886	TRFV B	TRAP STA-105	3100M	MBD	52-103N 176-381W	sPPTU11WT
1714 050886	TRFV E	TRAP STA-105	3100M	MBD	52-102N 176-388W	sPPTU11WT
0430 050886	TRFV B	TRAP STA-106	3100M	MBD	52-113N 176-302W	sPPTU11WT
1620 050886	TRFV E	TRAP STA-106	3100M	MBD	52-125N 176-315W	sPPTU11WT
0500 050886	TRFV B	TRAP STA-107	2400M	MBD	52-064N 176-297W	sPPTU11WT
1506 050886	TRFV E	TRAP STA-107	2400M	MBD	52-061N 176-313W	sPPTU11WT
#***HYDROCASTS***						
0956 040886	HCNI	HYDROCAST-105	2126M	MBD	51-233N 177-322W	sPPTU11WT
0711 050886	HCNI	HYDROCAST-109	2870M	MBD	52-092N 176-310W	sPPTU11WT
#***ROCK DREDGES***						
1739 180886	DRRO	ROCK DREDGE D-1	488M	GCR	32-259N 127-478W	sPPTU11WT
1919 180886	DRRO	ROCK DREDGE D-2	695M	GCR	32-246N 127-449W	sPPTU11WT
#***EXPENDABLE BATHYTHERMOGRAPH RECORDS***						
0319 240786	BTXP	XBT T7 01 25.0	325M	GDC	35-548N 132-188E	sPPTU11WT
0330 240786	BTXP	XBT T7 02 23.2	204M	GDC	35-564N 132-208E	sPPTU11WT
0435 240786	BTXP	XBT T7 03 24.5	400M	GDC	36-055N 132-326E	sPPTU11WT
0644 280786	BTXP	XBT T7 04 12.5	754M	GDC	45-000N 155-555E	sPPTU11WT
0727 290786	BTXP	XBT T7 06 11.8	735M	GDC	47-526N 161-478E	sPPTU11WT
2157 290786	BTXP	XBT T7 07 11.0	651M	GDC	49-374N 165-185E	sPPTU11WT
0800 300786	BTXP	XBT T7 08 11.3	760M	GDC	50-491N 167-395E	sPPTU11WT
2141 300786	BTXP	XBT T7 09 10.0	760M	GDC	52-277N 170-505E	sPPTU11WT
0928 310786	BTXP	XBT T7 10 10.0	760M	GDC	51-510N 170-549E	sPPTU11WT
2056 310786	BTXP	XBT T7 11 10.0	760M	GDC	51-049N 171-519E	sPPTU11WT
2107 310786	BTXP	XBT T7 12 9.9	760M	GDC	51-032N 171-540E	sPPTU11WT
0648 010886	BTXP	XBT T7 13 9.8	760M	GDC	51-209N 172-347E	sPPTU11WT
0013 020886	BTXP	XBT T7 14 10.4	760M	GDC	50-005N 174-059E	sPPTU11WT
0653 020886	BTXP	XBT T7 15 10.1	760M	GDC	50-467N 173-579E	sPPTU11WT

#GMT DDMMYY LOC T #TIME DATE TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0701 020886	BTXP	XBT T7 16 10.1	760M	GDC 50-479N	173-595E	sPPTU11WT
2306 020886	BTXP	XBT T7 17 10.1	760M	GDC 51-001N	175-286E	sPPTU11WT
0627 030886	BTXP	XBT T7 18 10.7	760M	GDC 50-411N	176-392E	sPPTU11WT
2142 030886	BTXP	XBT T7 19 10.8	760M	GDC 50-280N	179-538E	sPPTU11WT
1024 040886	BTXP	XBT T7 20 8.3	760M	GDC 51-234N	177-327W	sPPTU11WT
2036 040886	BTXP	XBT T7 21 7.9	760M	GDC 51-193N	177-319W	sPPTU11WT
0425 050886	BTXP	XBT T7 22 8.9	760M	GDC 52-121N	176-302W	sPPTU11WT
2340 050886	BTXP	XBT T7 23 8.7	125M	GDC 52-001N	176-306W	sPPTU11WT
0904 060886	BTXP	XBT T7 24 7.4	760M	GDC 51-271N	179-079W	sPPTU11WT
2228 060886	BTXP	XBT T7 25 10.9	760M	GDC 50-197N	178-495E	sPPTU11WT
0601 070886	BTXP	XBT T7 26 12.0	760M	GDC 50-146N	178-231E	sPPTU11WT
2200 070886	BTXP	XBT T7 27 11.0	330M	GDC 50-013N	177-220E	sPPTU11WT
0501 080886	BTXP	XBT T7 28 11.1	760M	GDC 50-350N	177-536E	sPPTU11WT
1949 080886	BTXP	XBT T7 29 11.3	760M	GDC 50-402N	177-207E	sPPTU11WT
0605 090886	BTXP	XBT T7 30 12.5	760M	GDC 49-160N	177-585E	sPPTU11WT
1903 090886	BTXP	XBT T7 31 11.5	760M	GDC 48-076N	178-345W	sPPTU11WT
0713 100886	BTXP	XBT T7 32 12.2	327M	GDC 46-541N	175-233W	sPPTU11WT
1817 100886	BTXP	XBT T7 33 12.0	760M	GDC 45-405N	172-344W	sPPTU11WT
0553 110886	BTXP	XBT T7 34 13.7	760M	GDC 44-251N	169-517W	sPPTU11WT
1824 110886	BTXP	XBT T7 35 15.1	760M	GDC 43-463N	166-342W	sPPTU11WT
0547 120886	BTXP	XBT T7 36 15.9	226M	GDC 43-243N	163-234W	sPPTU11WT
2000 120886	BTXP	XBT T7 37 16.8	225M	GDC 42-515N	159-311W	sPPTU11WT
0604 130886	BTXP	XBT T7 38 19.0	236M	GDC 42-218N	156-435W	sPPTU11WT
1813 130886	BTXP	XBT T7 39 20.5	248M	GDC 41-416N	153-257W	sPPTU11WT
1849 140886	BTXP	XBT T7 40 22.3	760M	GDC 40-071N	147-161W	sPPTU11WT
0449 150886	BTXP	XBT T7 41 21.8	760M	GDC 39-255N	145-044W	sPPTU11WT
1518 150886	BTXP	XBT T7 42 21.7	760M	GDC 38-453N	142-495W	sPPTU11WT
0406 160886	BTXP	XBT T7 43 21.7	760M	GDC 37-475N	140-036W	sPPTU11WT
2209 160886	BTXP	XBT T7 44 20.9	760M	GDC 36-166N	136-005W	sPPTU11WT
0336 170886	BTXP	XBT T7 45 20.6	760M	GDC 35-465N	134-486W	sPPTU11WT
1849 170886	BTXP	XBT T7 46 20.9	760M	GDC 34-157N	131-242W	sPPTU11WT
0425 180886	BTXP	XBT T7 47 21.4	760M	GDC 33-248N	129-355W	sPPTU11WT
1543 180886	BTXP	XBT T7 48 20.5	760M	GDC 32-344N	128-033W	sPPTU11WT
0328 190886	BTXP	XBT T7 49 20.3	760M	GDC 32-053N	126-564W	sPPTU11WT
1957 190886	BTXP	XBT T7 50 19.0	760M	GDC 32-041N	123-127W	sPPTU11WT
#		END SAMPLE INDEX				