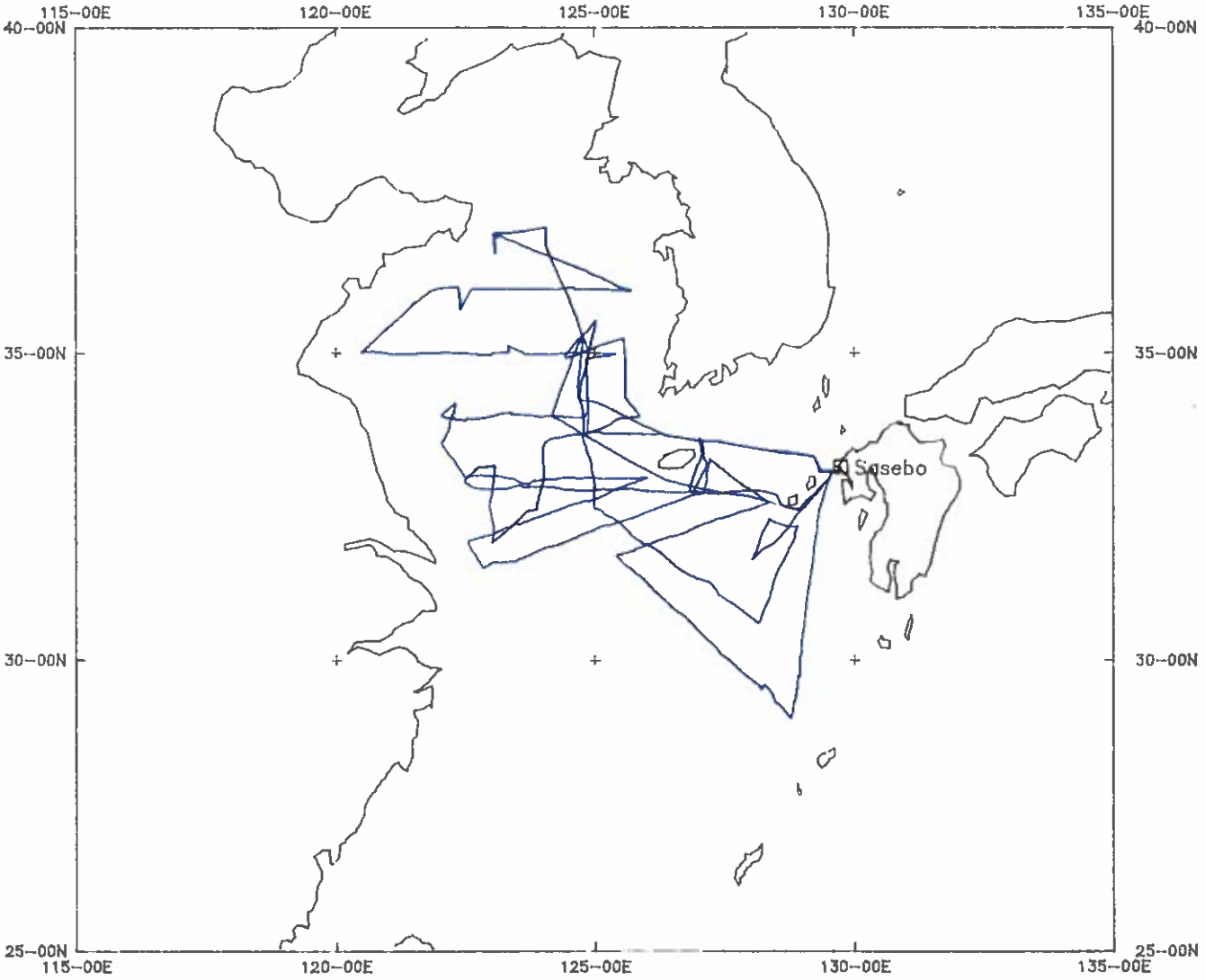
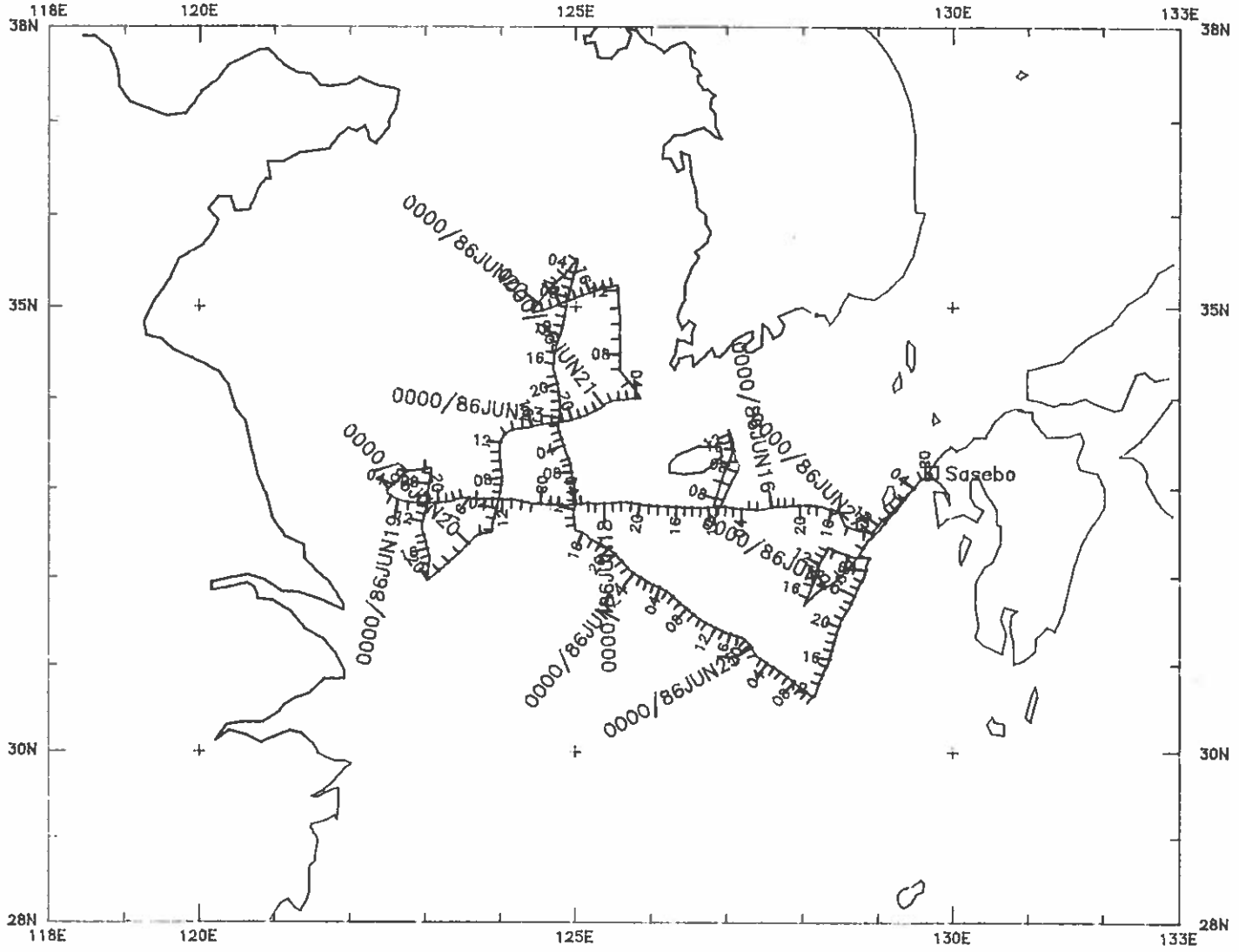


PAPATUA EXPEDITION LEG 10

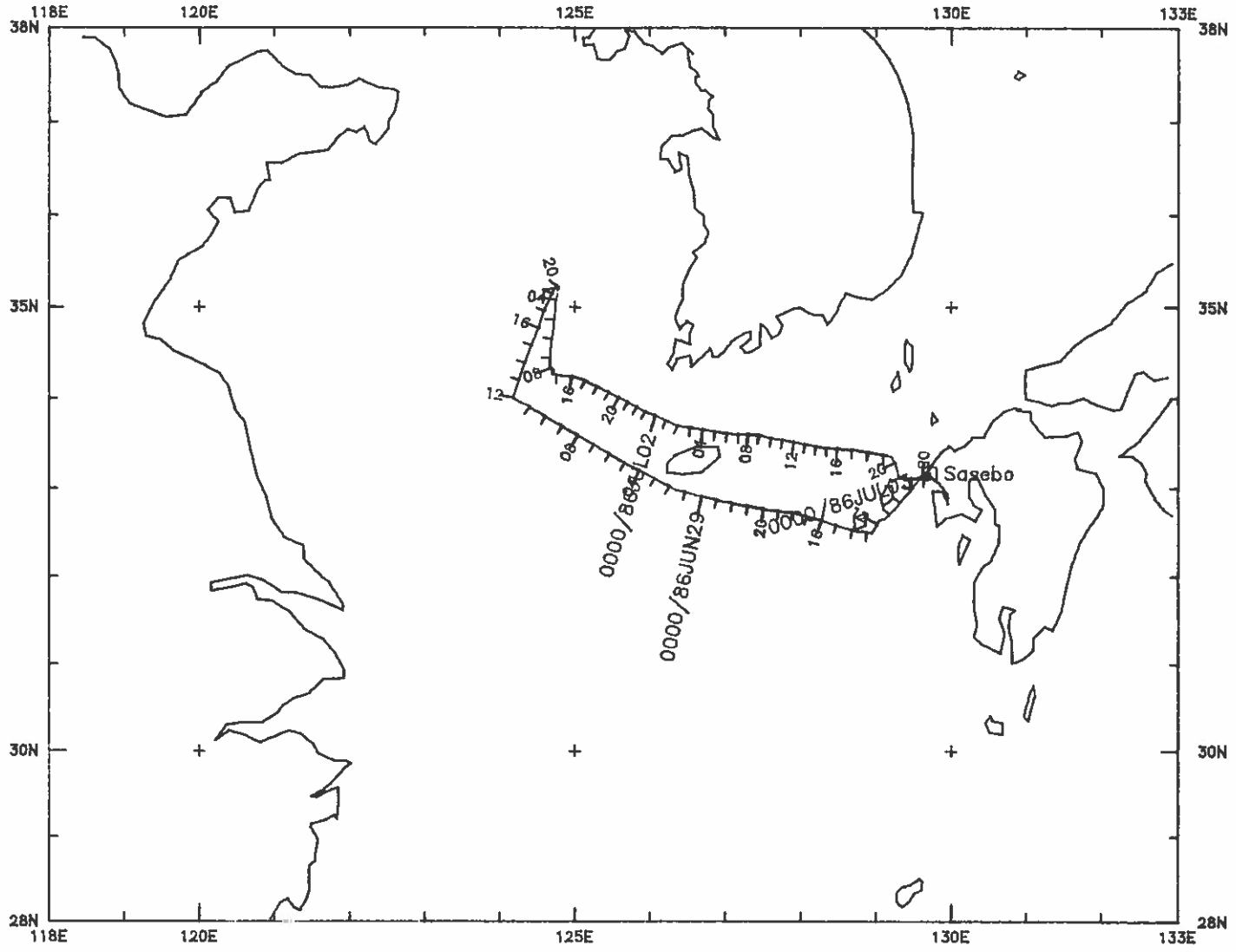
CO-CHIEF SCIENTISTS:
Dr. J. Milliman (Woods Hole)
Dr. Y. Hsueh (Florida State University)
Dr. R. Limeburner (Woods Hole)
PORTS: Sasebo - Sasebo, JapanCalifornia
DATES: 15 June - 17 July 1986
SHIP: R/V T. Washington

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED
1) Cruise - 5591 miles
2) Bathymetry - 3326 miles
3) Magnetics - none collected
4) Seismic Reflection - none collected
5) Gravity - none collected

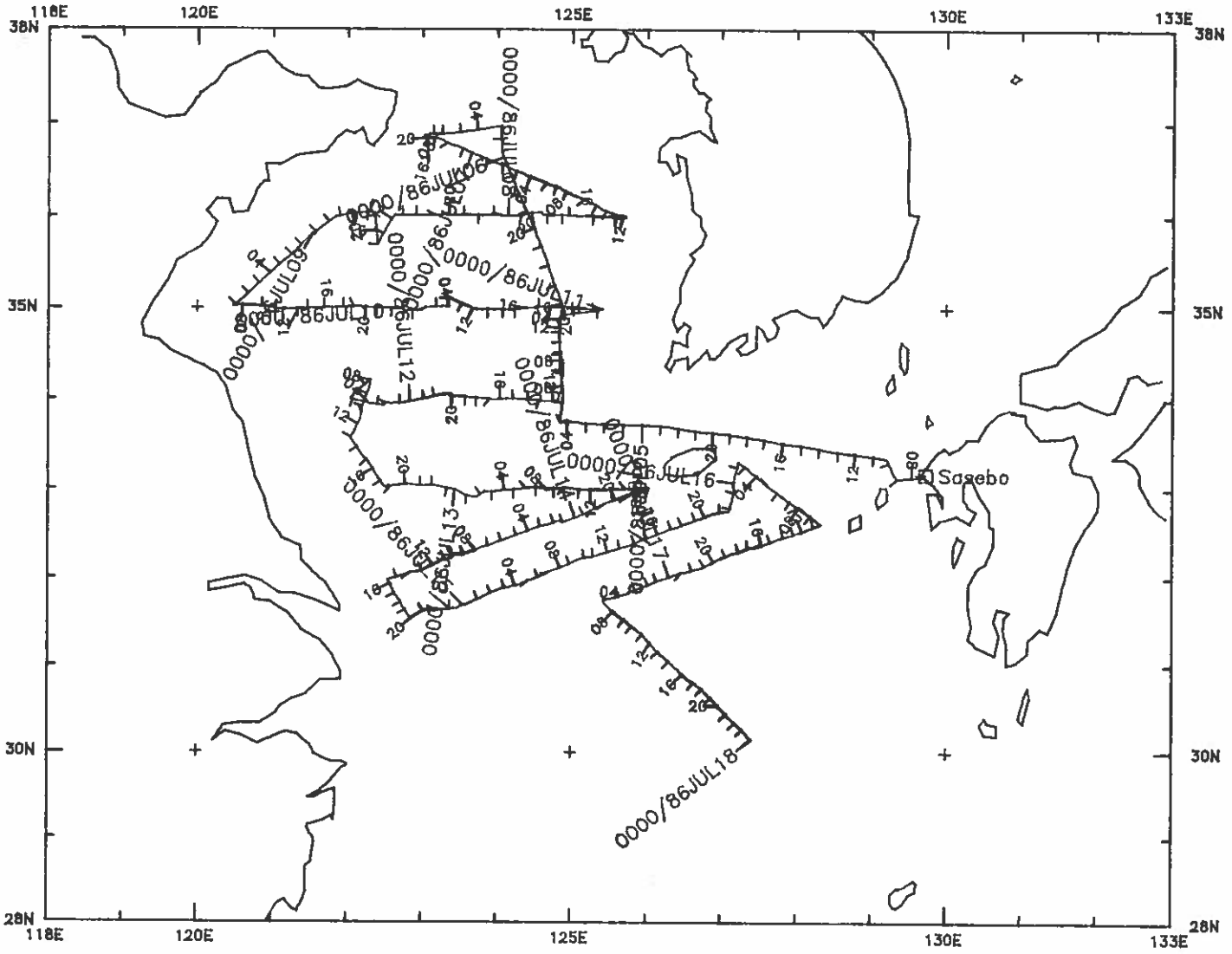


PAPATUA Expedition Leg 10 (PPTU10WT)
Part A of Leg 10

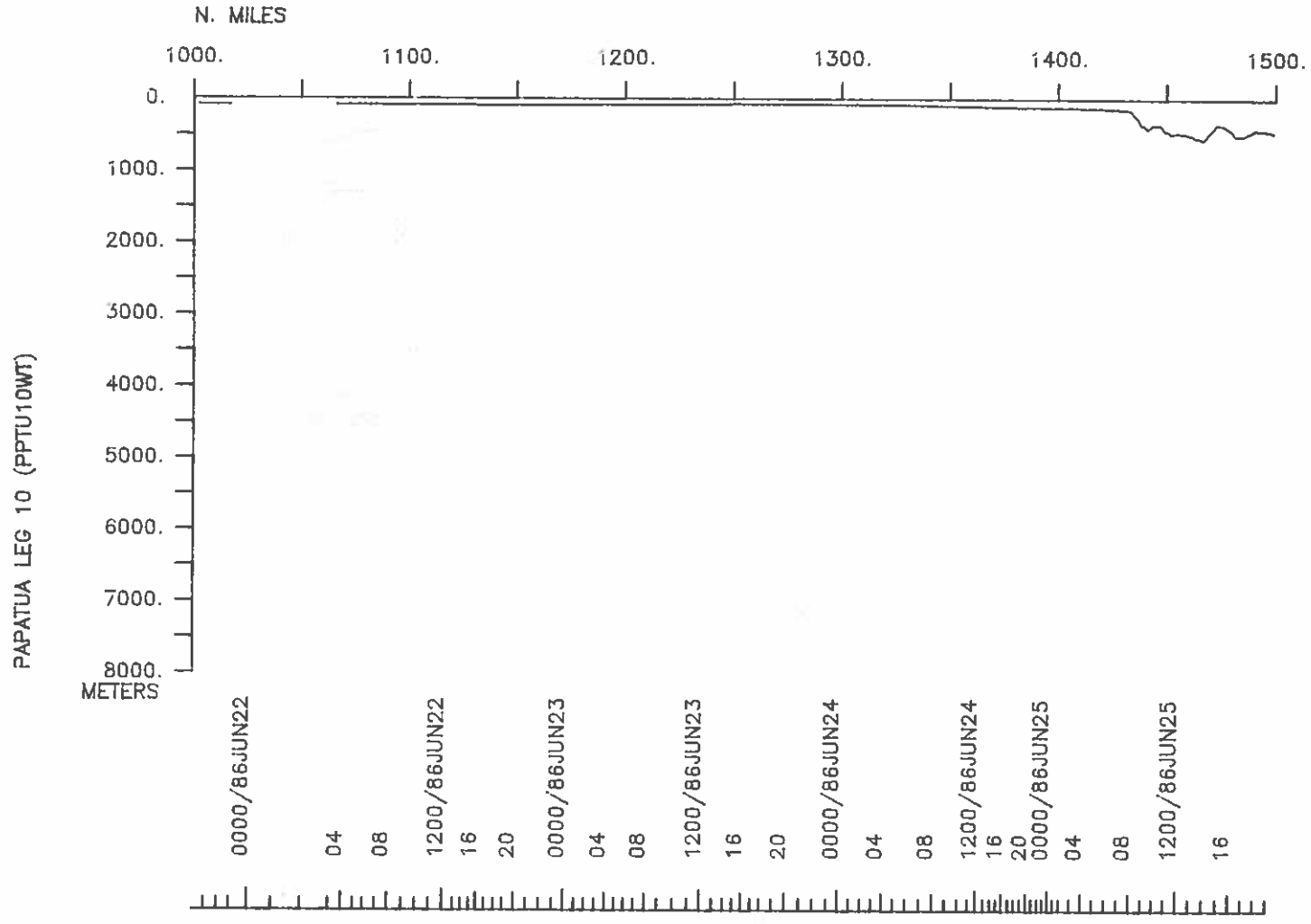
*



PAPATUA Expedition Leg 10 (PPTU10WT)
Part B of Leg 10



PAPATUA Expedition Leg 10 (PPTU10WT)
Part C of Leg 10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1100.
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1300.
1400.
1500.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
0000/86JUN22
04
08
1200/86JUN22
16
20
0000/86JUN23
04
08
1200/86JUN23
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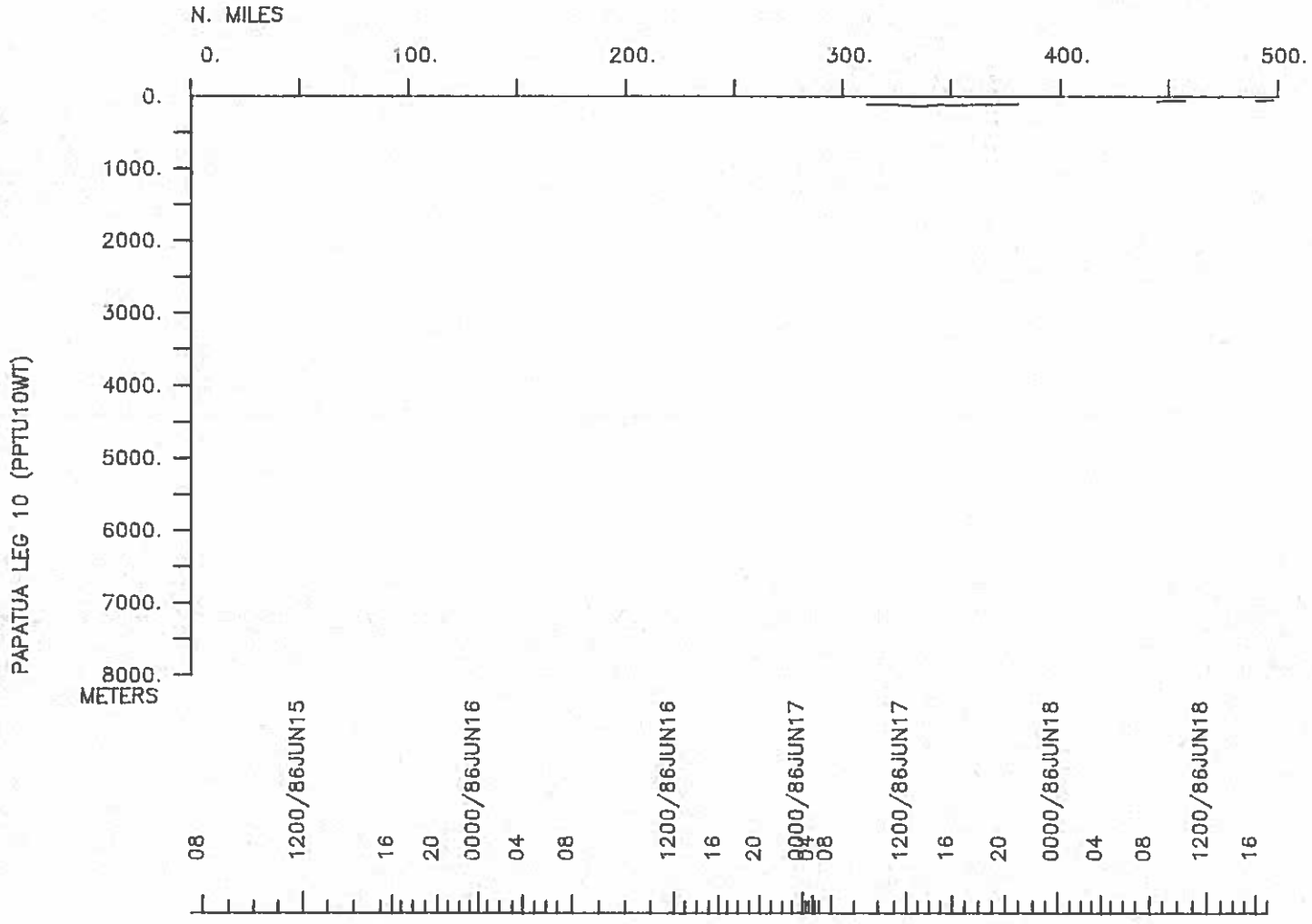
20
0000/86JUN25
04
08
1200/86JUN25
16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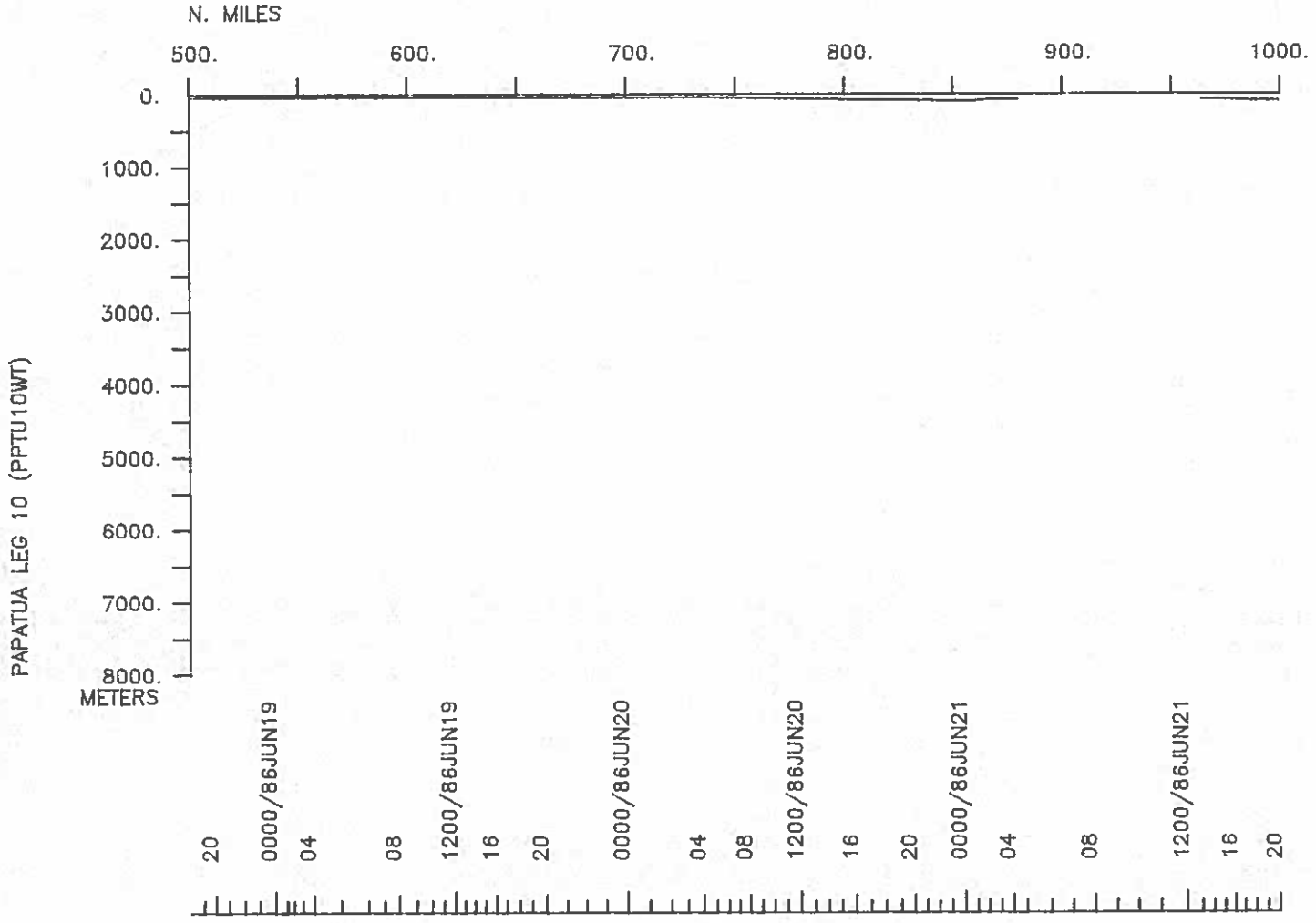
200.
300.
400.
500.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
08
1200/86JUN15
16
20
0000/86JUN16
04
08
1200/86JUN16
16
20
0000/86JUN17
04
08
1200/86JUN17
16
20
0000/86JUN18
04
08
1200/86JUN18
16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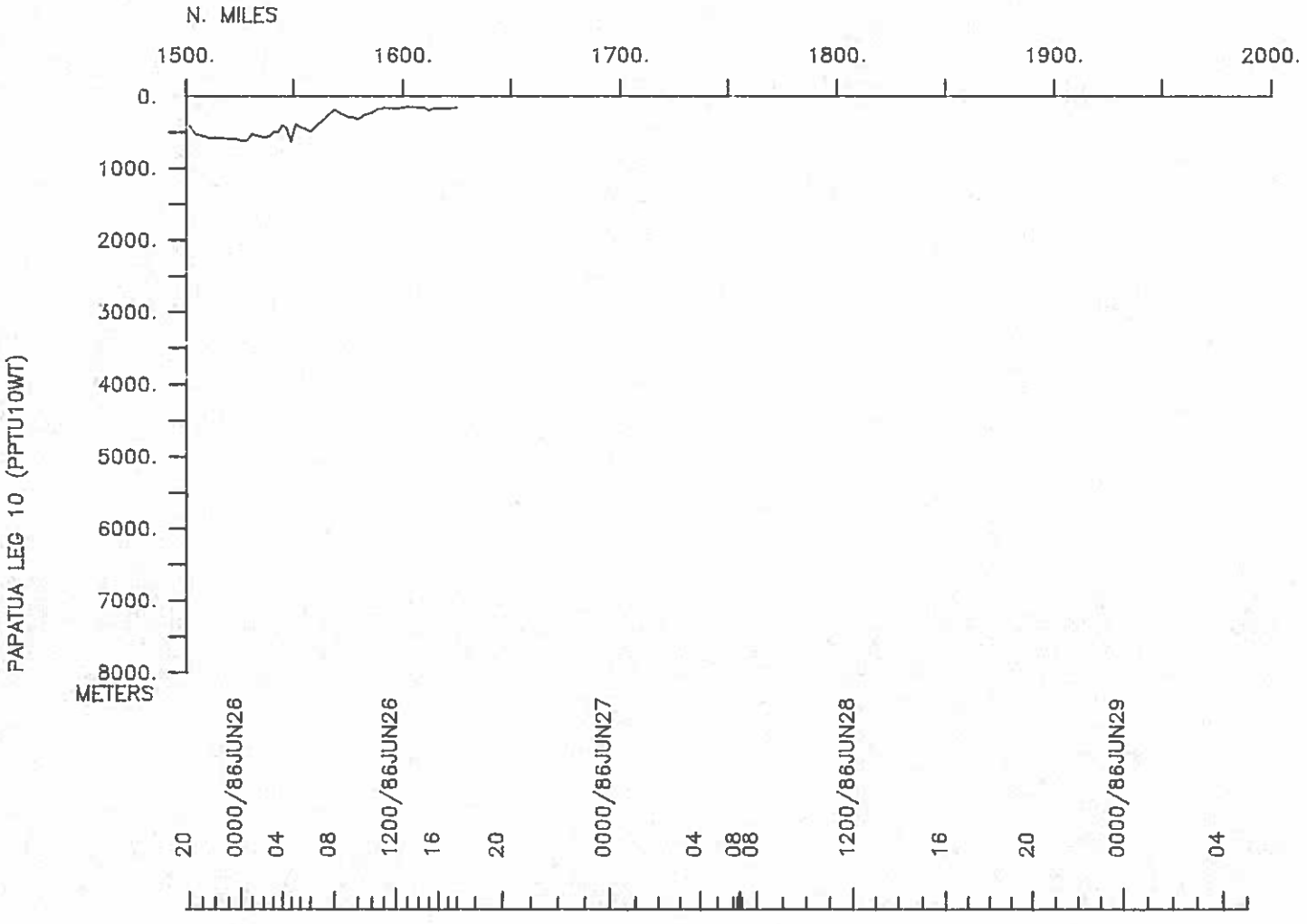
600.
700.
800.
900.
1000.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
20
0000/86JUN19
04
08
1200/86JUN19
16
20
0000/86JUN20
04
08
1200/86JUN20
16
20
0000/86JUN21
04
08
1200/86JUN21
16
20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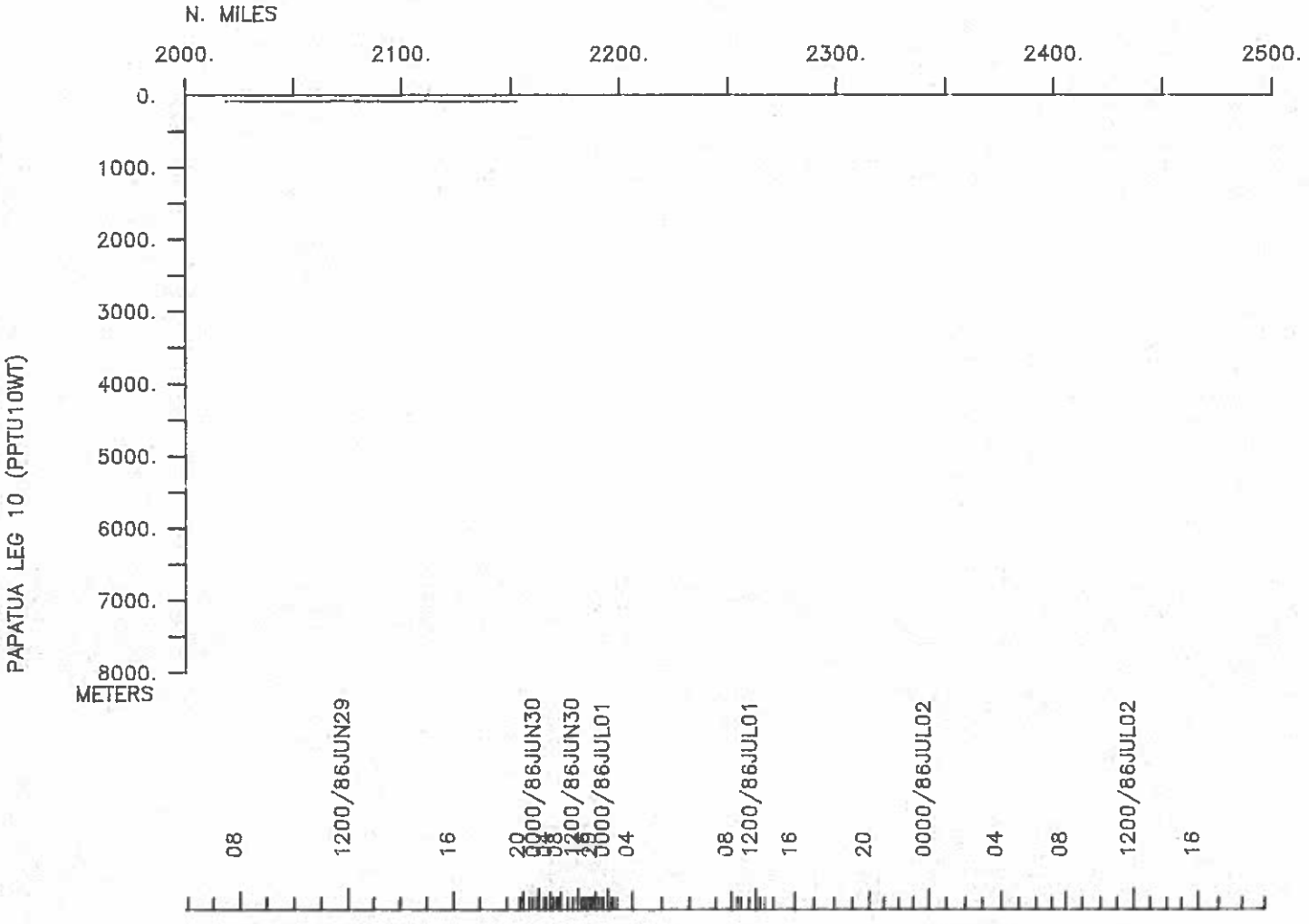
1600.
1700.
1800.
1900.
2000.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
20
0000/86JUN26
04
08
1200/86JUN26
16
20
0000/86JUN27
04
08
08
1200/86JUN28
16
20
0000/86JUN29
04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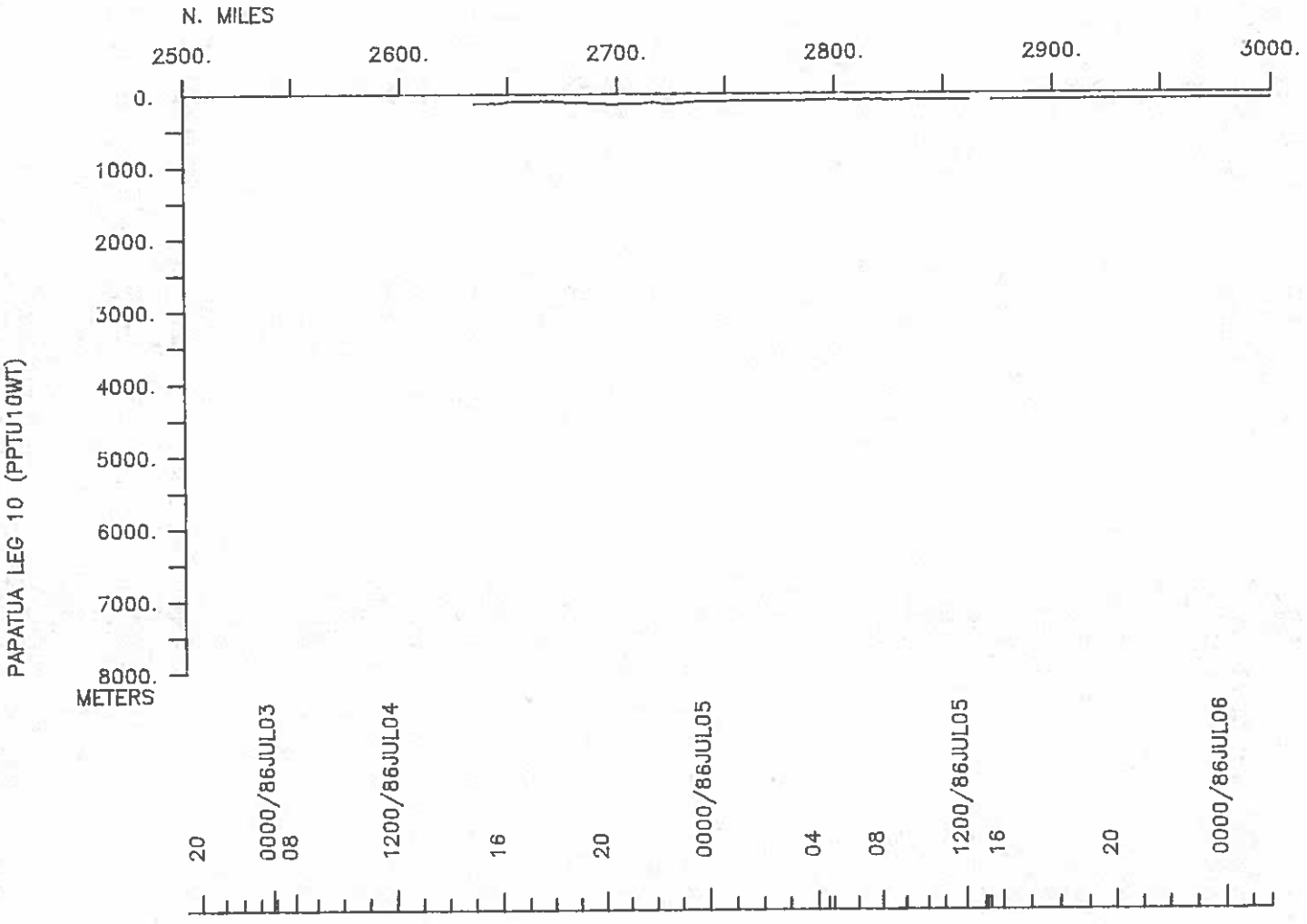
2000.
2100.
2200.
2300.
2400.
2500.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
08
1200/86JUN29
16
20
0000/86JUN30
04
08
1200/86JUL01
16
20
0000/86JUL02
04
08
1200/86JUL02
16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2700.
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0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
20
0000/86JUL03
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1200/86JUL04
16
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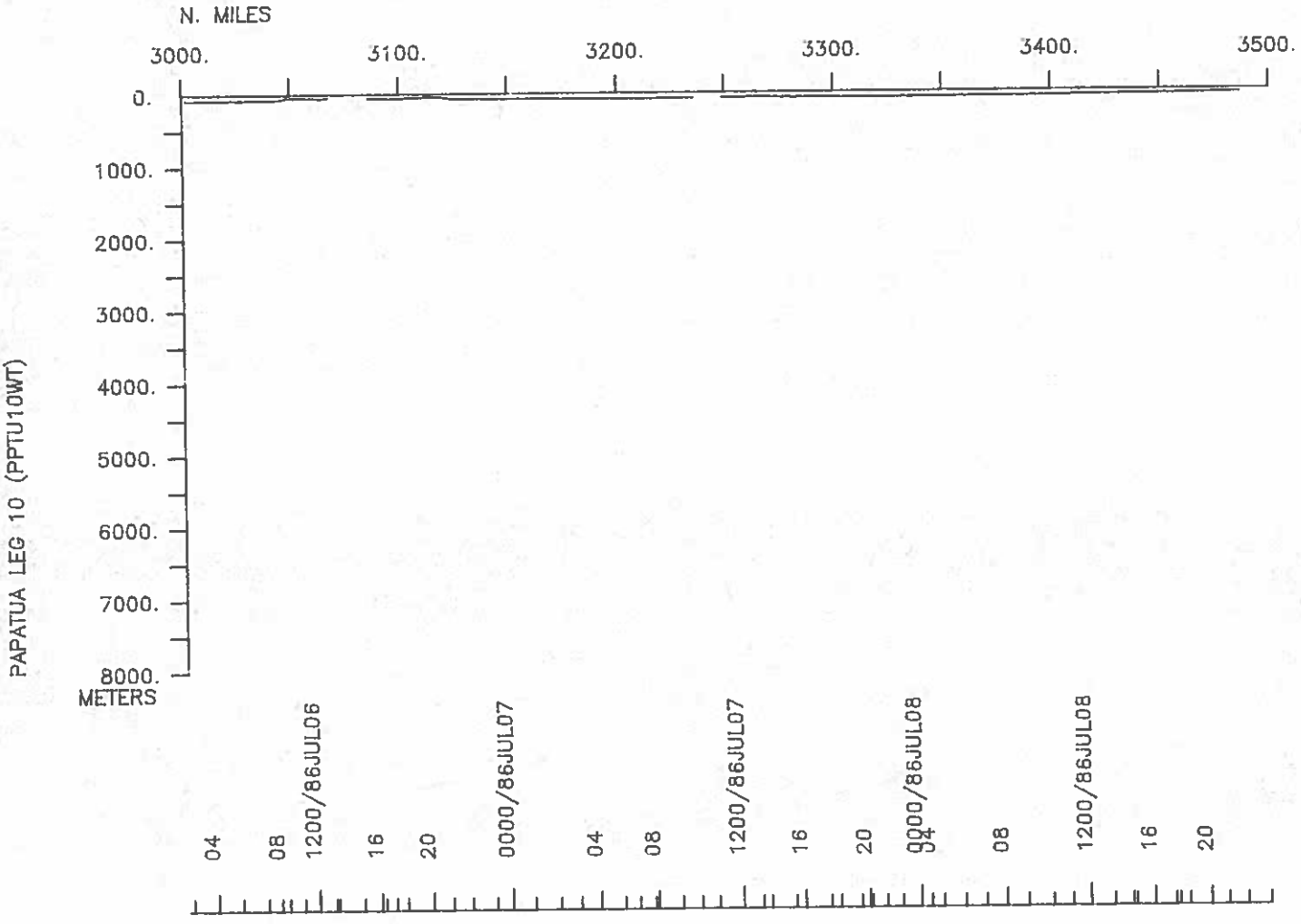
0000/86JUL05
04
08
1200/86JUL05
16
20
0000/86JUL06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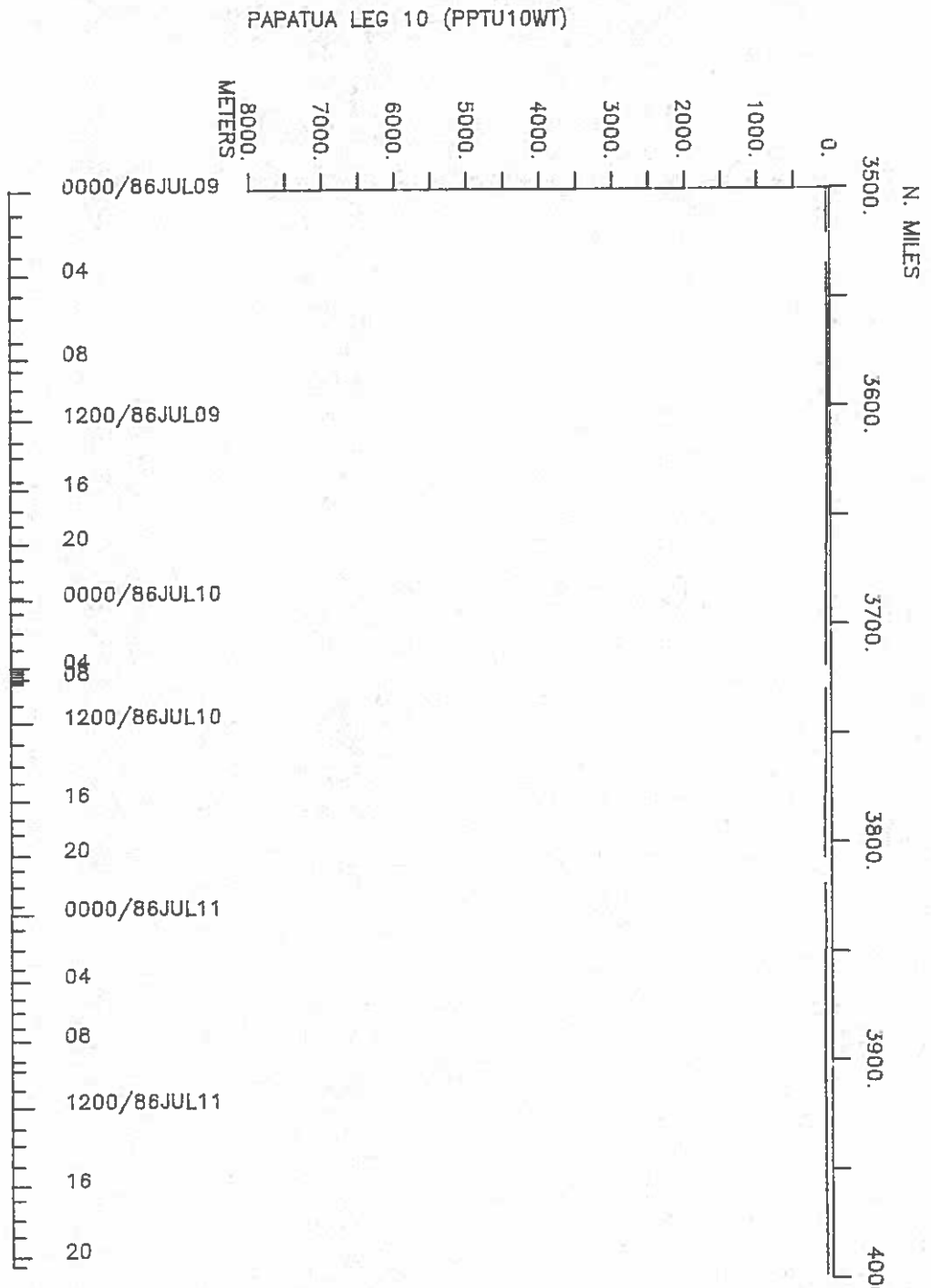
3100.
3200.
3300.
3400.
3500.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
04
08
1200/86JUL06
16
20
0000/86JUL07
04
08
1200/86JUL07
16
20
0000/86JUL08
08
1200/86JUL08
16
20


PAPATUA LEG 10 (PPTU10WT)
METERS
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7000.
6000.
5000.
4000.
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2000.
1000.
0.
N. MILES
3500.
3600.
3700.
3800.
3900.
4000.
0000/86JUL09
04
08
1200/86JUL09
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0000/86JUL10
04
08
1200/86JUL10
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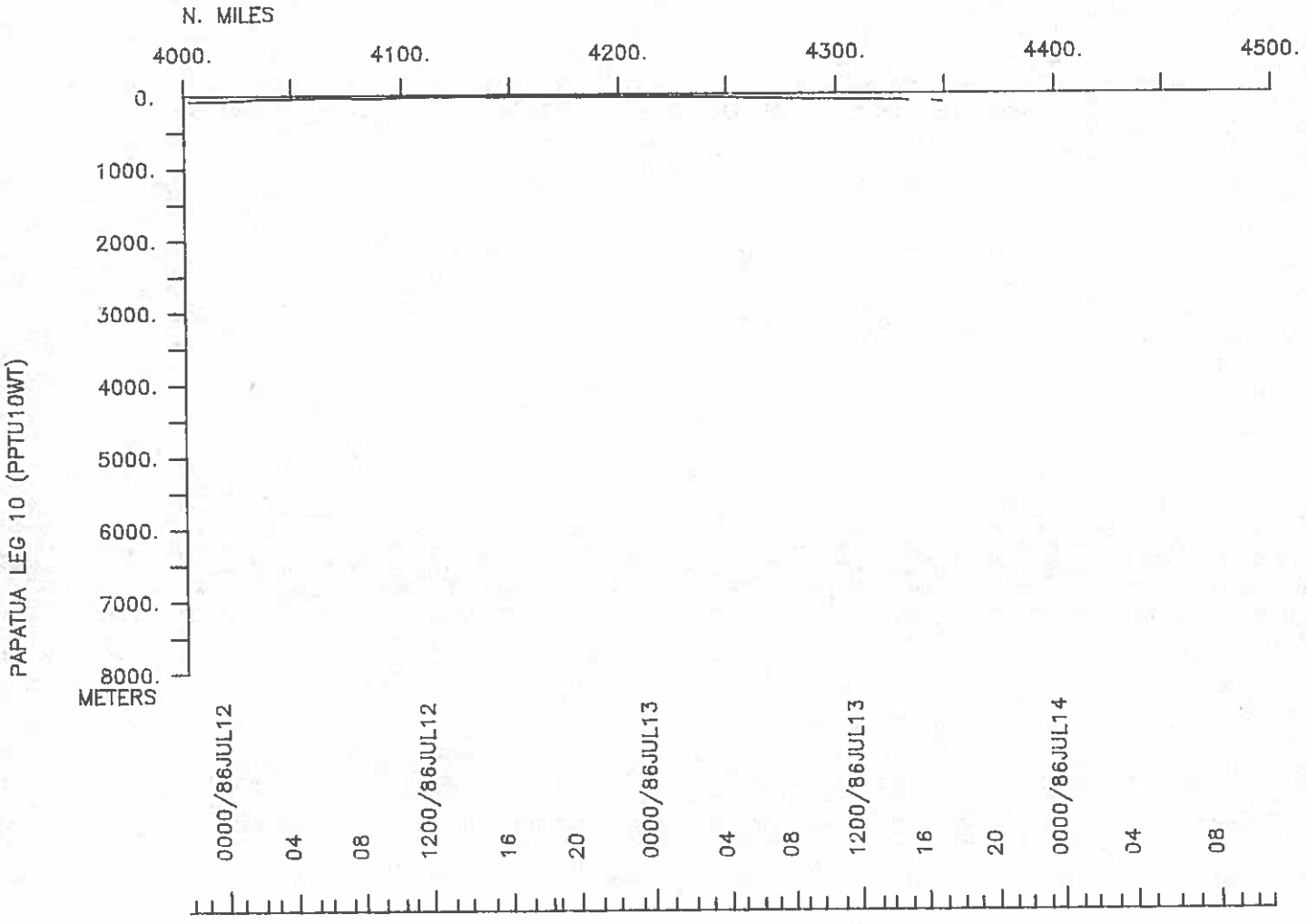
20
0000/86JUL11
04
08
1200/86JUL11
16
20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4400.
4500.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
0000/86JUL12
04
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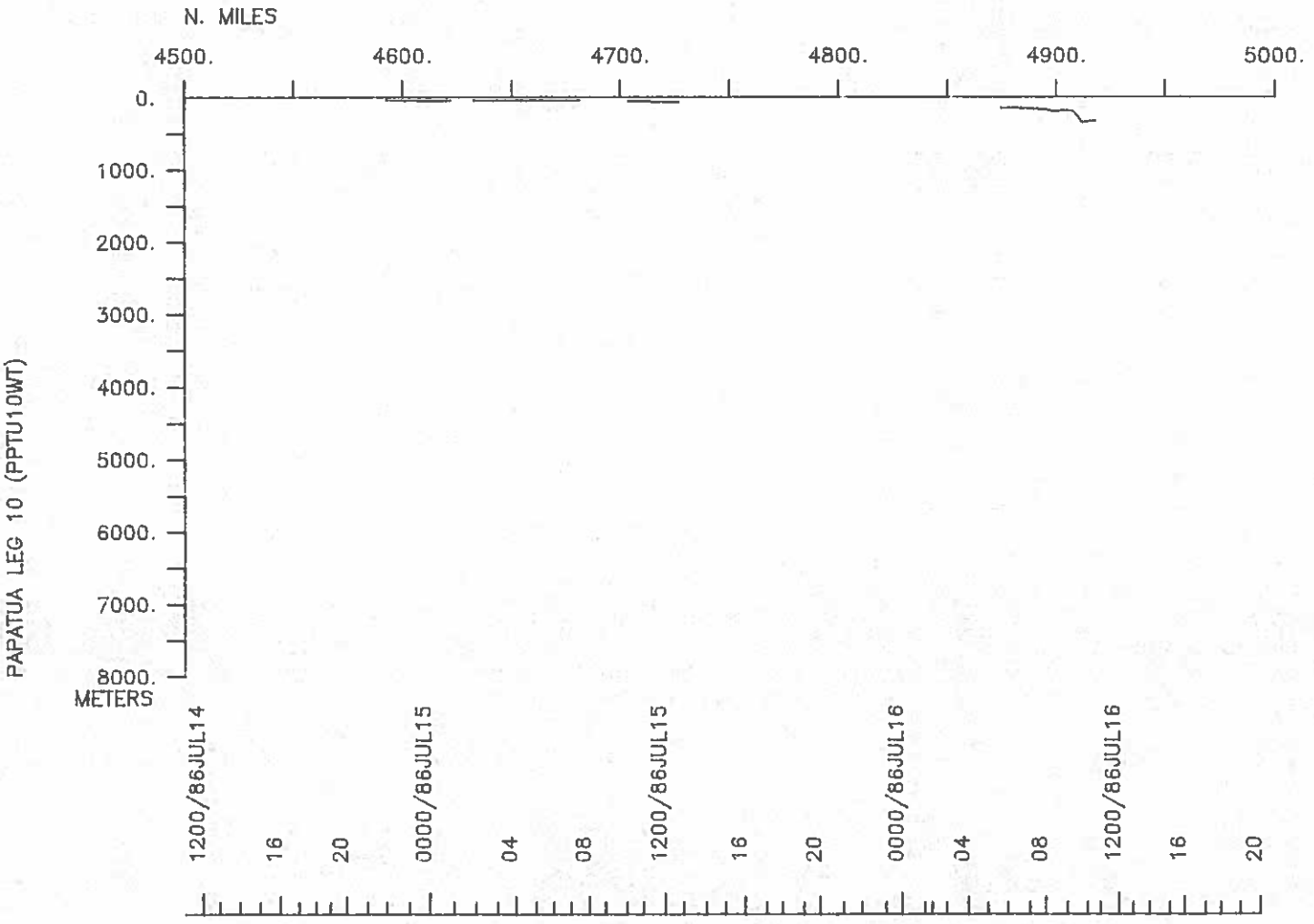
1200/86JUL12
16
20
0000/86JUL13
04
08
1200/86JUL13
16
20
0000/86JUL14
04
08


PAPATUA LEG 10 (PPTU10WT)
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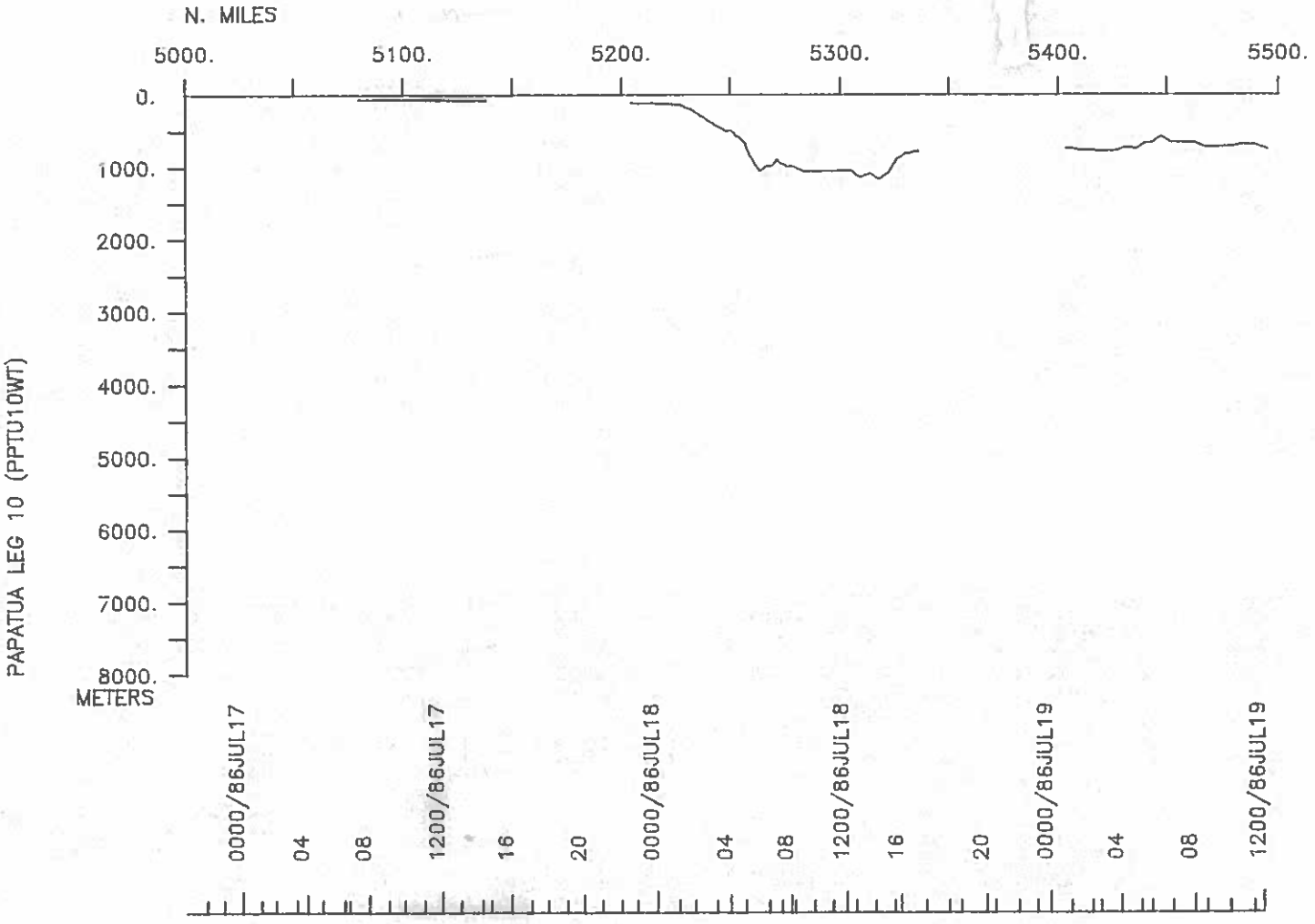
4700.
4800.
4900.
5000.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
1200/86JUL14
16
20
0000/86JUL15
04
08
1200/86JUL15
16
20
0000/86JUL16
04
08
1200/86JUL16
16
20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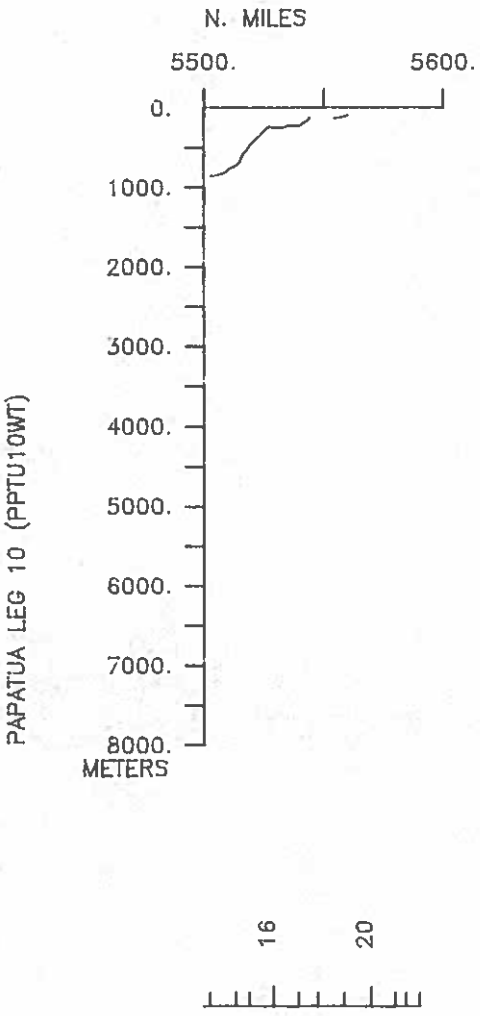
5200.
5300.
5400.
5500.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
0000/86JUL17
04
08
1200/86JUL17
16
20
0000/86JUL18
04
08
1200/86JUL18
16
20
0000/86JUL19
04
08
1200/86JUL19


N. MILES
5500.
5600.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
16
20

INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

PAPATUA EXPEDITION

LEG 10

R/V Thomas Washington

(Issued February 1991)

Sasebo, Japan (15 June 1986)
to
Sasebo, Japan (1 July 1986)

Co-Chief Scientists:

Dr. J. Milliman (Woods Hole) (Part A)

Dr. Y. Hsueh (Florida State University) (Part B)

Dr. R. Limeburner (Woods Hole) (Part C)

Post-Cruise Processing and Report Preparation by the
Geological Data Center, Scripps Institution of Oceanography
La Jolla, California 92093

Data Collection and Processing Funded by NSF
Grant Number OCE 87-02835

GDC Cruise I.D.# 220

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.

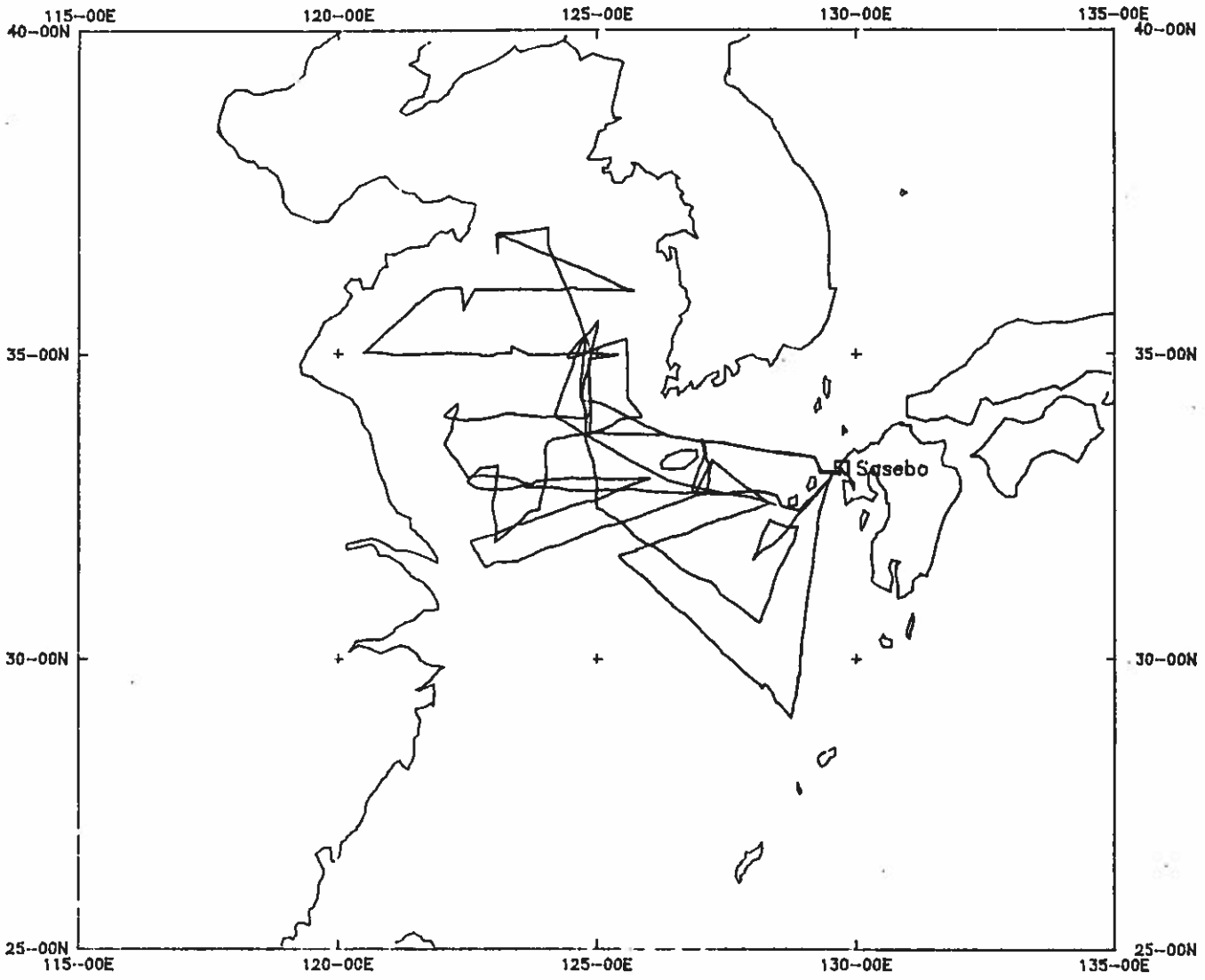
Profiles - depth, magnetic anomaly and gravity free air anomaly vs. distance. Sections of track having subbottom profile (airgun or watergun) records have a wide black line along the bottom of the profile. Sections having Sea Beam are indicated by a narrow black line.

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.-0223. Phone (619)534-2752. Fax (619)534-5306.

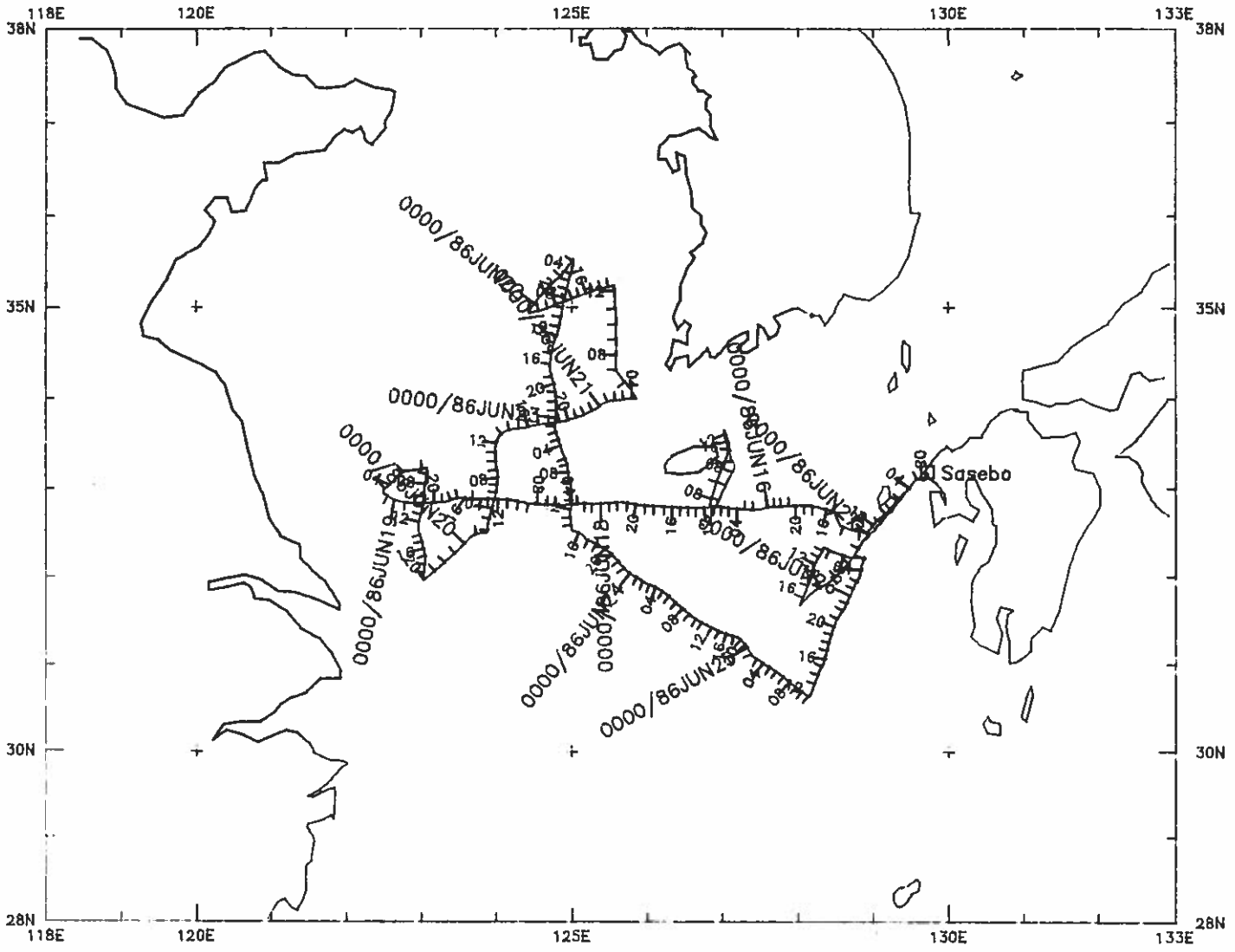
1. Navigation listing with times and positions of course and speed changes, fixes and drift velocity.
2. Depth compilation plots - compilation plots at the traditional scale of 4in/degree longitude (1:1,000,000) are no longer produced for Sea Beam cruises. Custom plots may be requested of vertical beam (2&2/3 degree beam width) depths retrieved at one minute intervals of ship time.
3. Plots of 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



PAPATUA EXPEDITION LEG 10

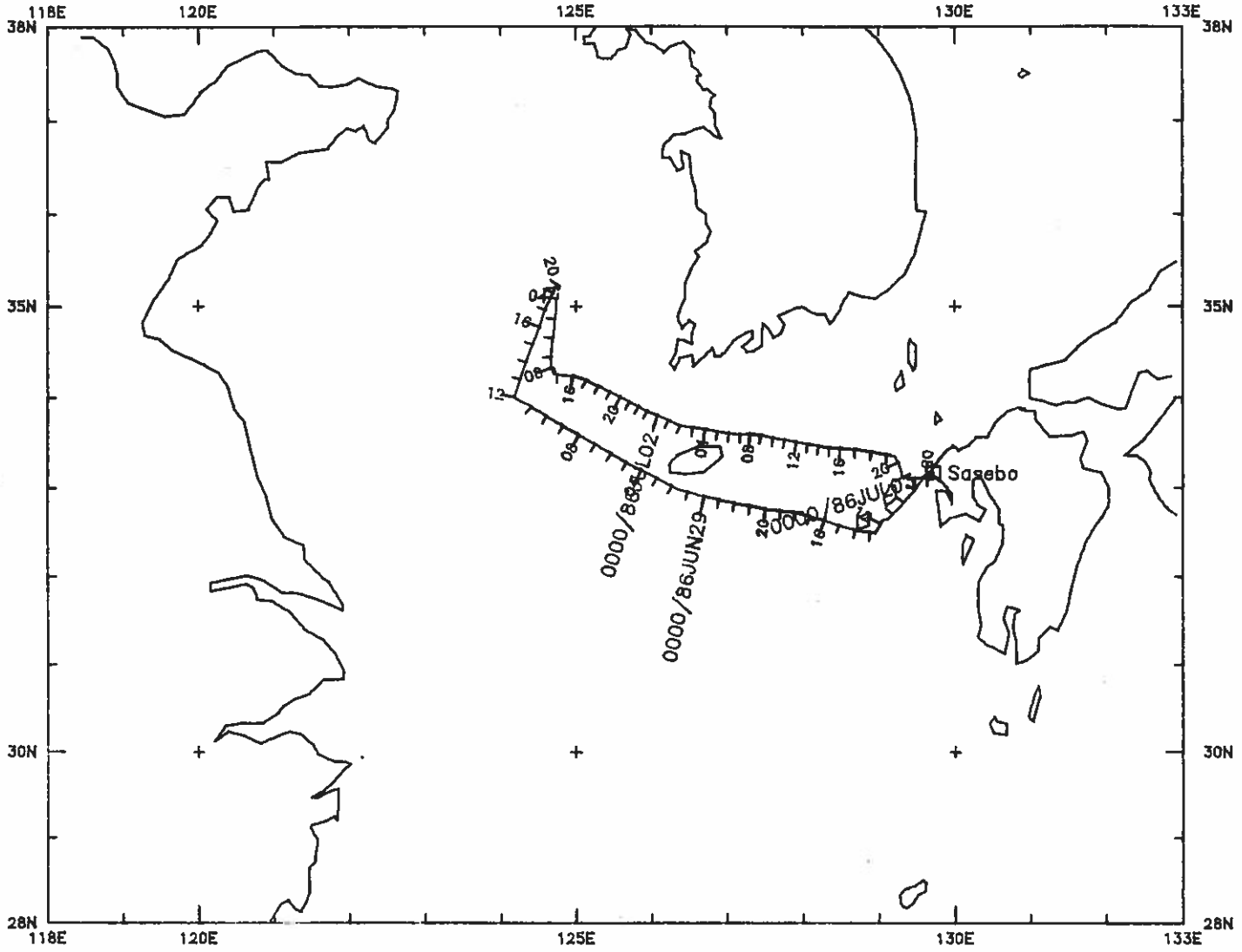
CO-CHIEF SCIENTISTS:
Dr. J. Milliman (Woods Hole)
Dr. Y. Hsueh (Florida State University)
Dr. R. Limeburner (Woods Hole)
PORTS: Sasebo - Sasebo, JapanCalifornia
DATES: 15 June - 17 July 1986
SHIP: R/V T. Washington

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED
1) Cruise - 5591 miles
2) Bathymetry - 3326 miles
3) Magnetics - none collected
4) Seismic Reflection - none collected
5) Gravity - none collected



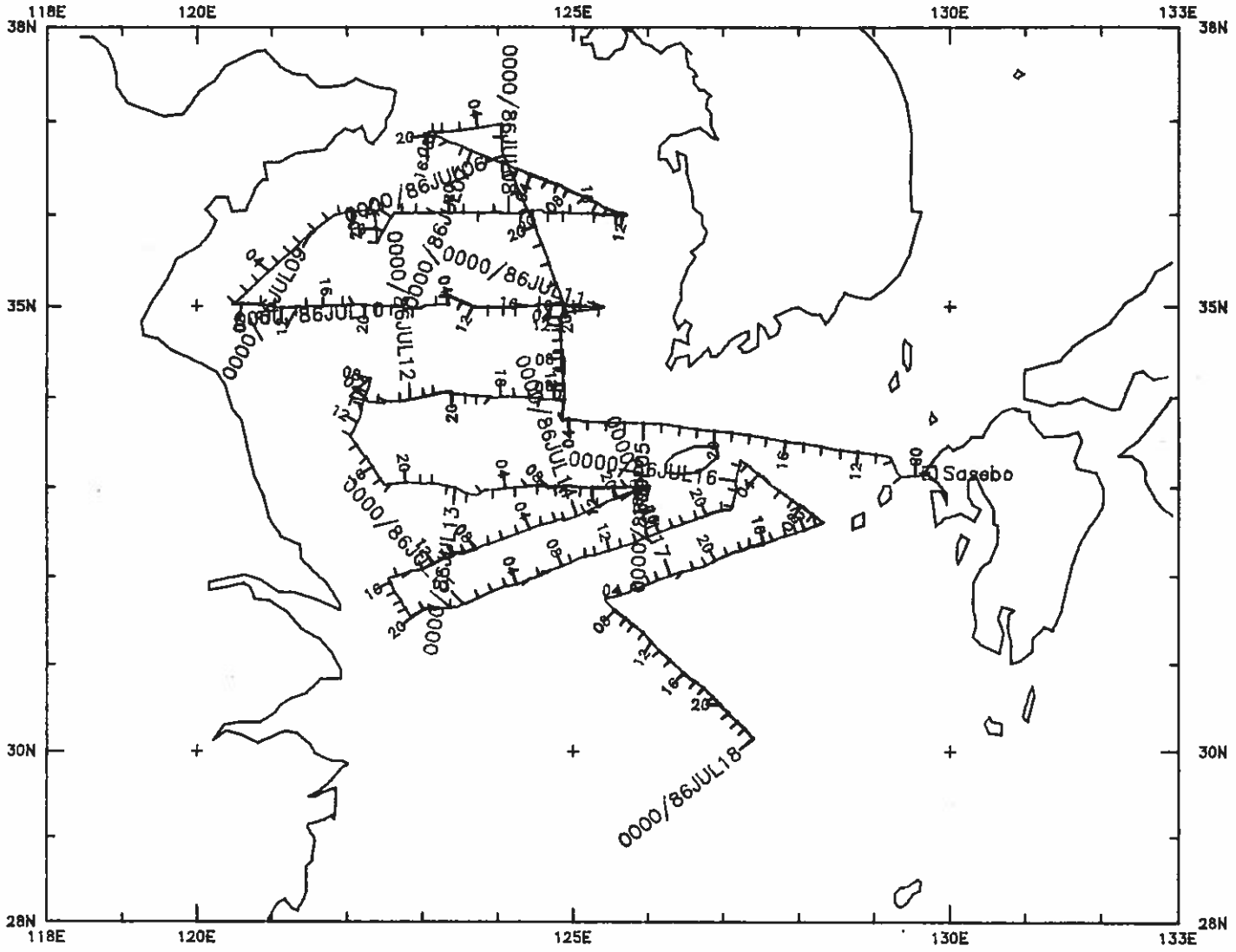
PAPATUA Expedition Leg 10 (PPTU10WT)
Part A of Leg 10

*

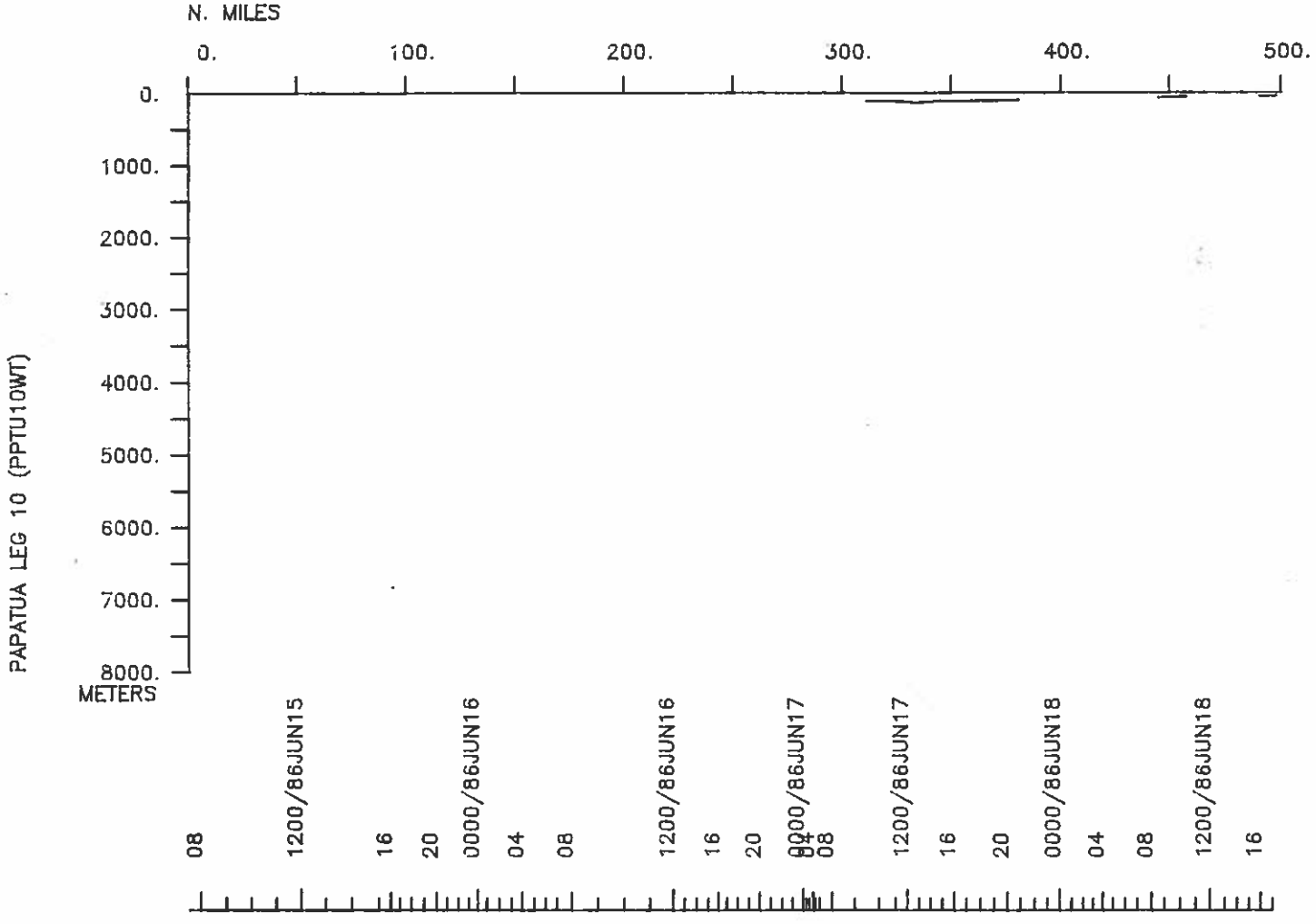


PAPATUA Expedition Leg 10 (PPTU10WT)
Part B of Leg 10

*



PAPATUA Expedition Leg 10 (PPTU10WT)
Part C of Leg 10


PAPATUA LEG 10 (PPTU10WT)
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100.
200.
300.
400.
500.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
08
1200/86JUN15
16
20
0000/86JUN16
04
08
1200/86JUN16
16
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0000/86JUN17
04
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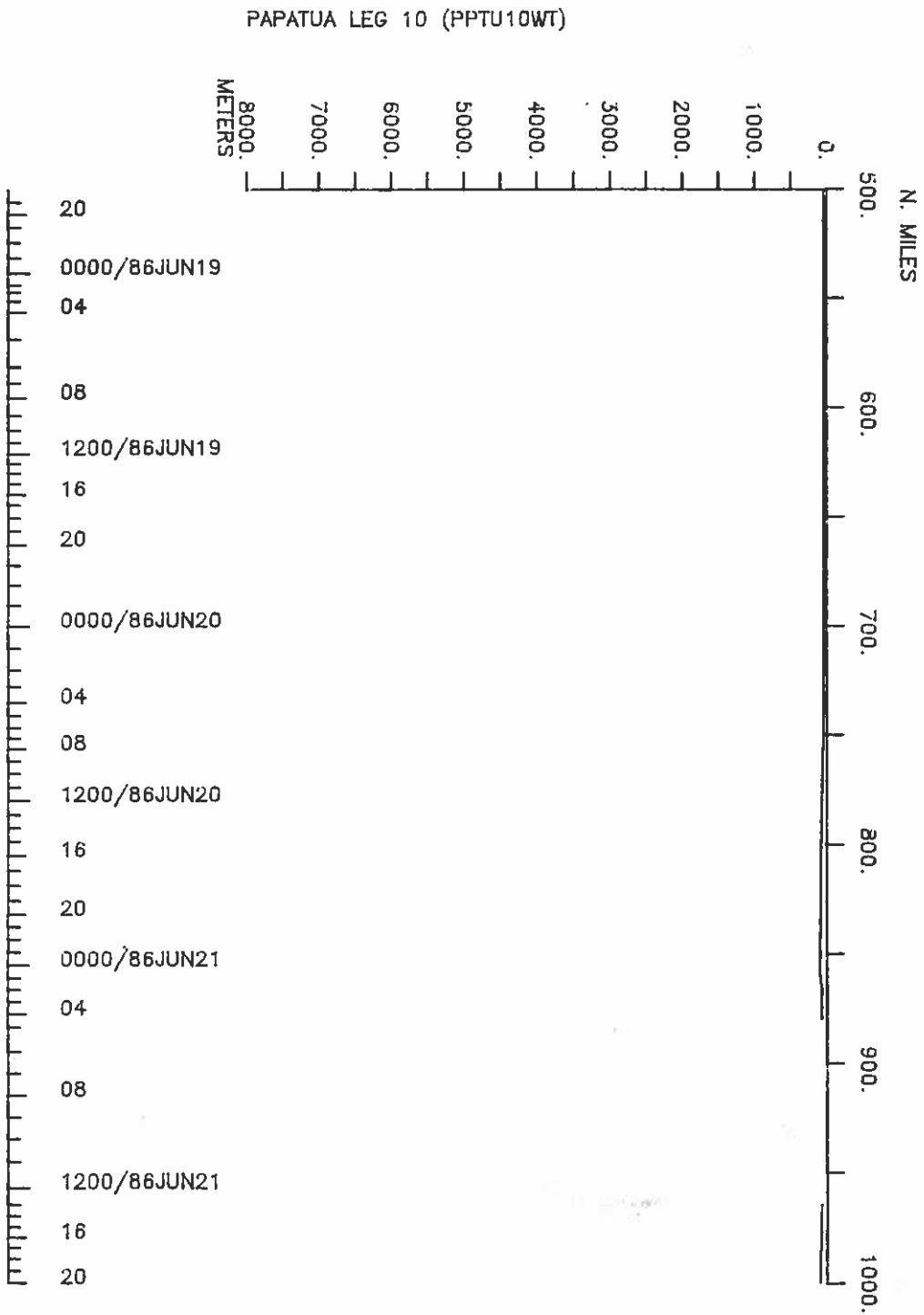
1200/86JUN17
16
20
0000/86JUN18
04
08
1200/86JUN18
16


PAPATUA LEG 10 (PPTU10WT)
8000. METERS
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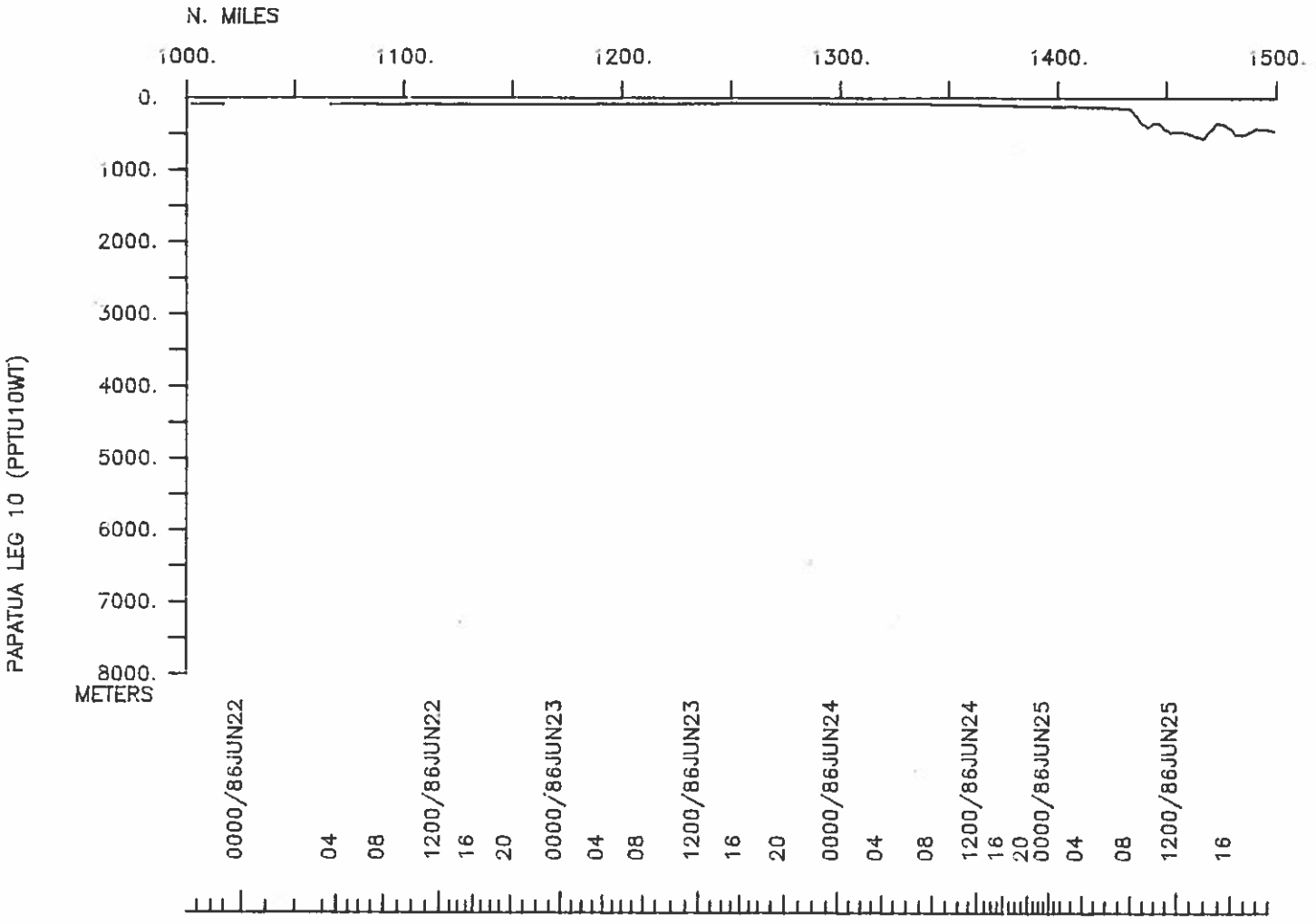
6000.
5000.
4000.
3000.
2000.
1000.
0.
500.
600.
700.
800.
900.
1000.
N. MILES
20
0000/86JUN19
04
08
1200/86JUN19
16
20
0000/86JUN20
04
08
1200/86JUN20
16
20
0000/86JUN21
04
08
1200/86JUN21
16
20


N. MILES
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1100.
1200.
1300.
1400.
1500.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
0000/86JUN22
04
08
1200/86JUN22
16
20
0000/86JUN23
04
08
1200/86JUN23
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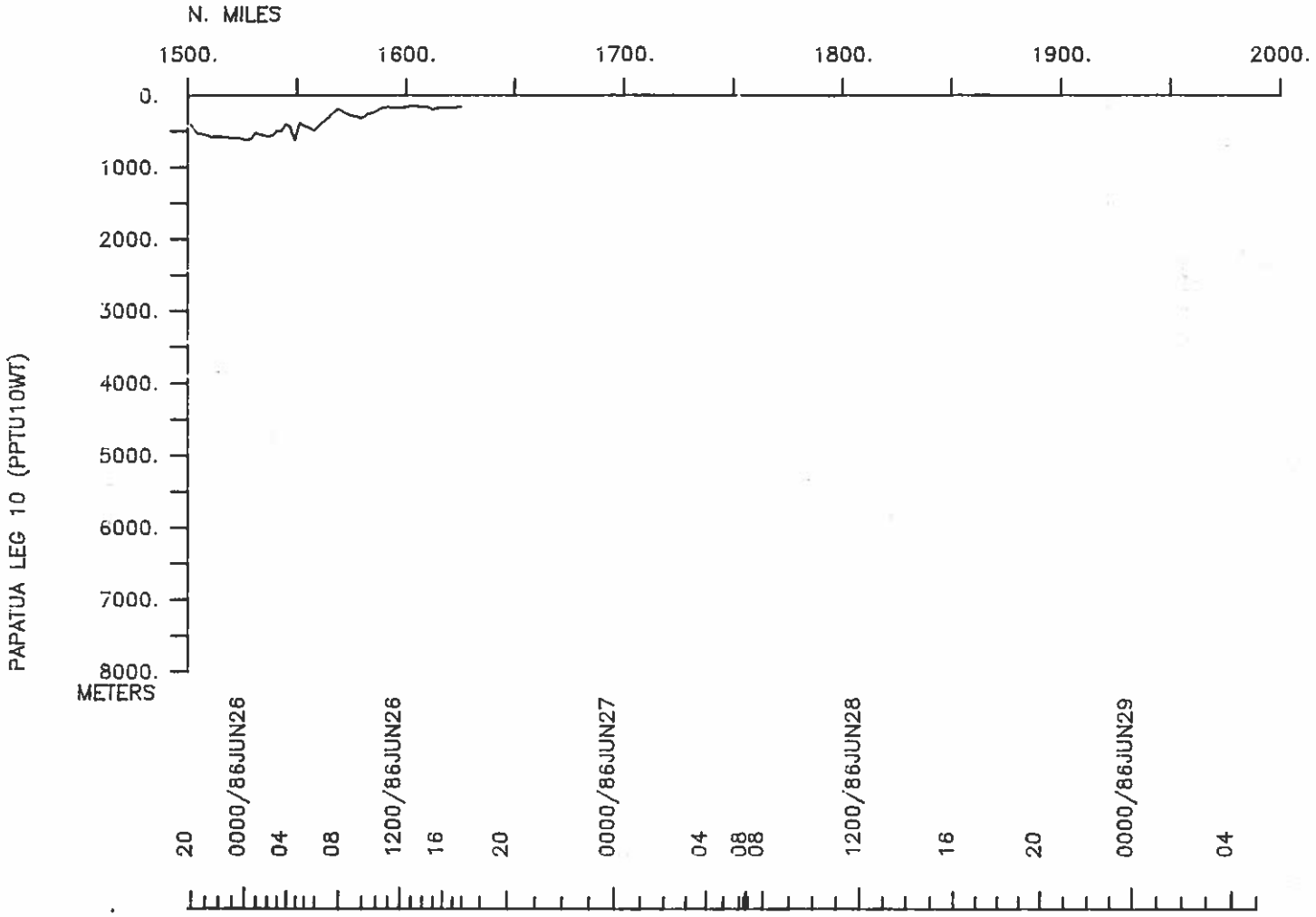
1200/86JUN25
16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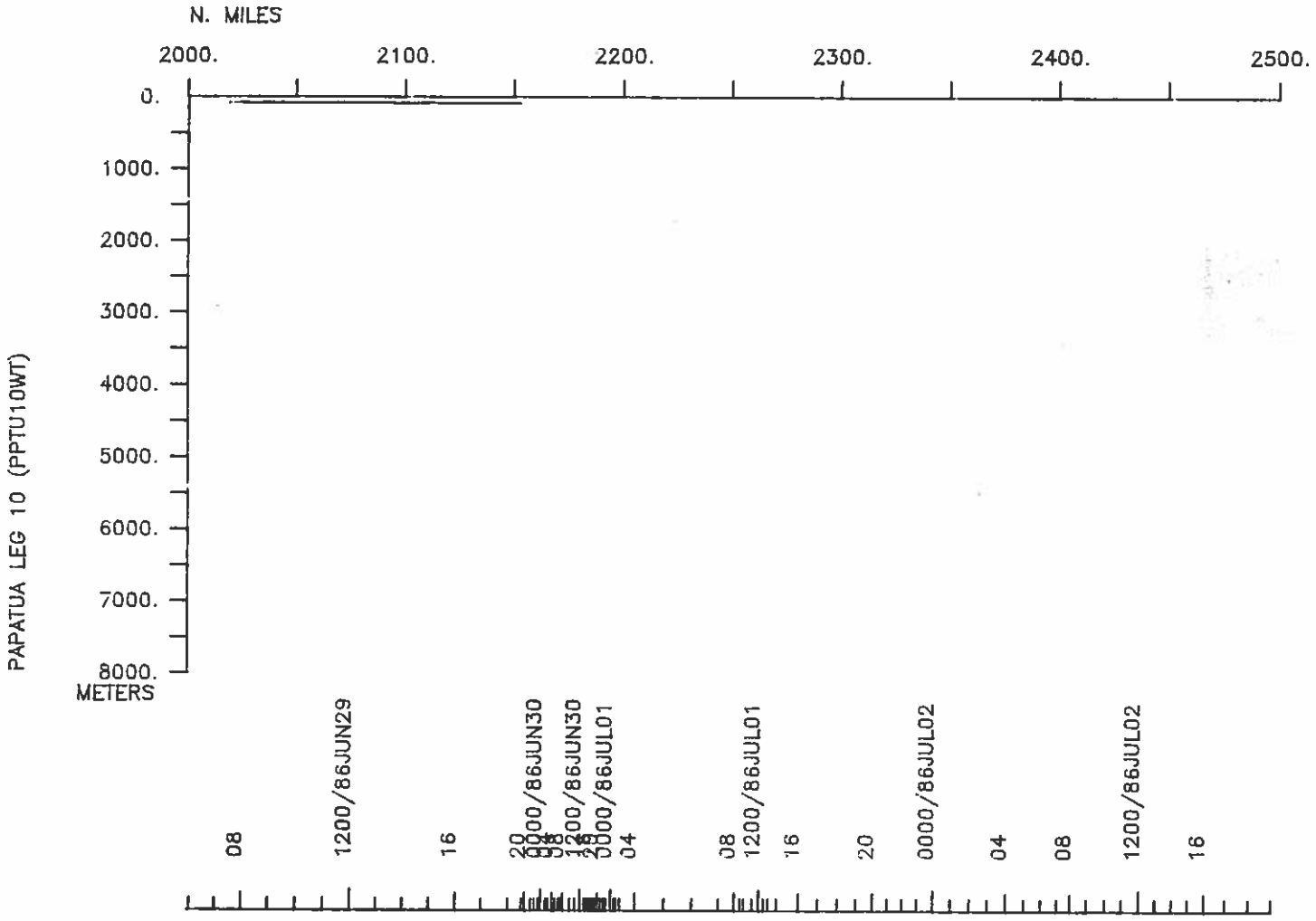
1700.
1800.
1900.
2000.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
20
0000/86JUN26
04
08
1200/86JUN26
16
20
0000/86JUN27
04
08
08
1200/86JUN28
16
20
0000/86JUN29
04


N. MILES
2000.
2100.
2200.
2300.
2400.
2500.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
08
1200/86JUN29
16
20
0000/86JUN30
04
08
1200/86JUL01
16
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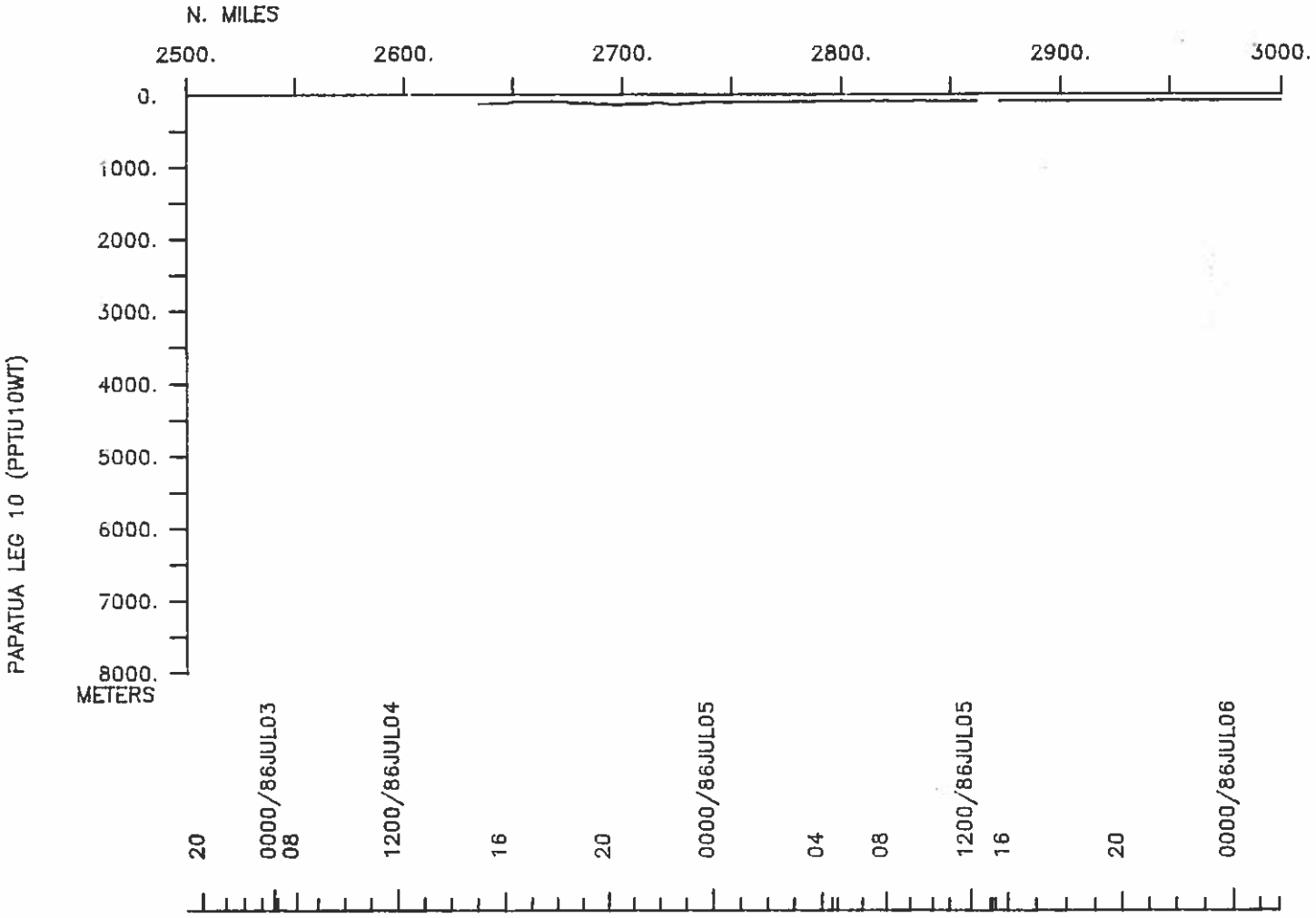
0000/86JUL02
04
08
1200/86JUL02
16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2600.
2700.
2800.
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3000.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
20
0000/86JUL03
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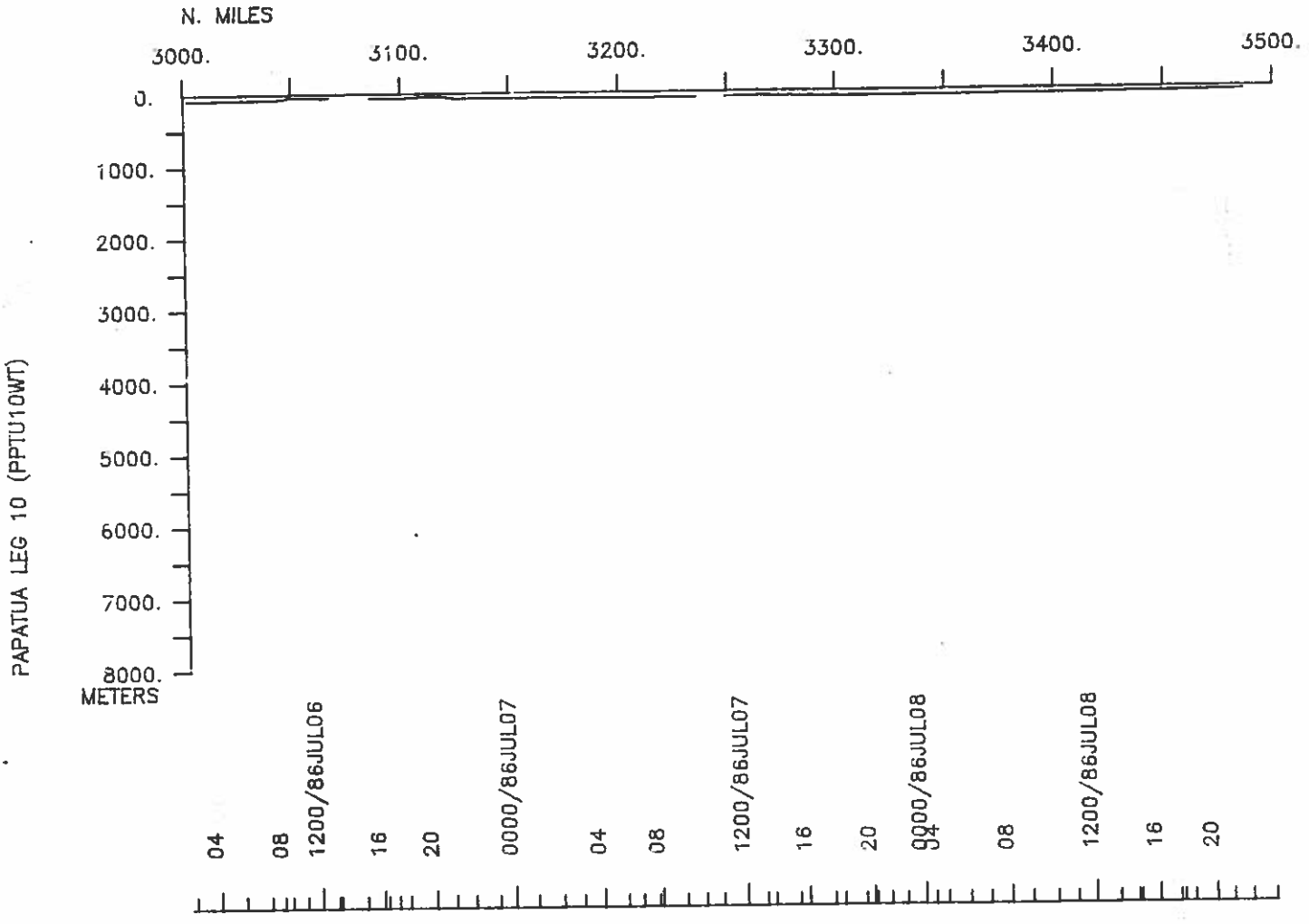
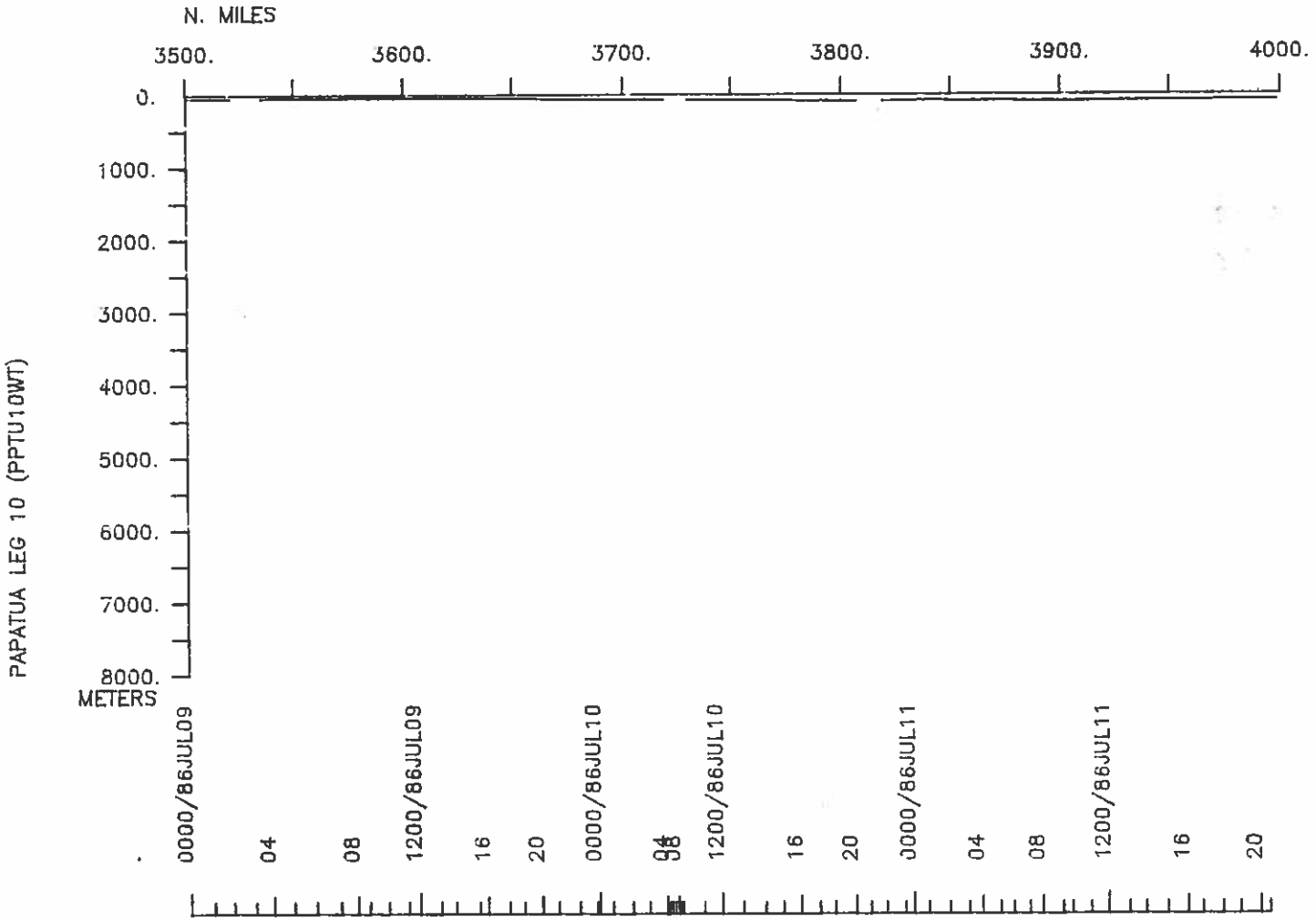
1200/86JUL04
16
20
0000/86JUL05
04
08
1200/86JUL05
16
20
0000/86JUL06


N. MILES
3000.
3100.
3200.
3300.
3400.
3500.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
04
08
1200/86JUL06
16
20
0000/86JUL07
04
08
1200/86JUL07
16
20
0000/86JUL08
04
08
1200/86JUL08
16
20


N. MILES
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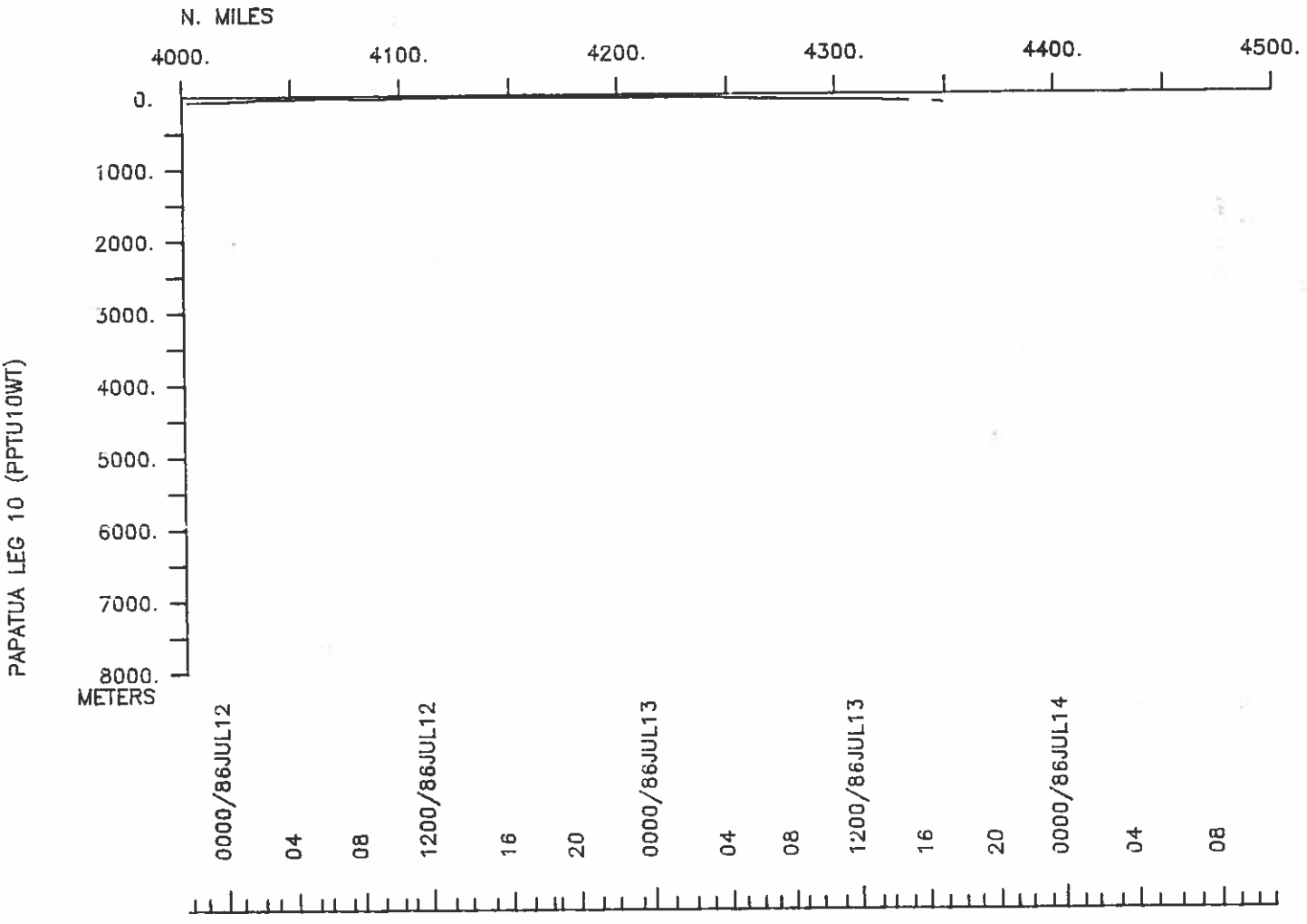
3600.
3700.
3800.
3900.
4000.
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
0000/86JUL09
04
08
1200/86JUL09
16
20
0000/86JUL10
04
08
1200/86JUL10
16
20
0000/86JUL11
04
08
1200/86JUL11
16
20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7000.
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PAPATUA LEG 10 (PPTU10WT)
0000/86JUL12
04
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16
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0000/86JUL13
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08
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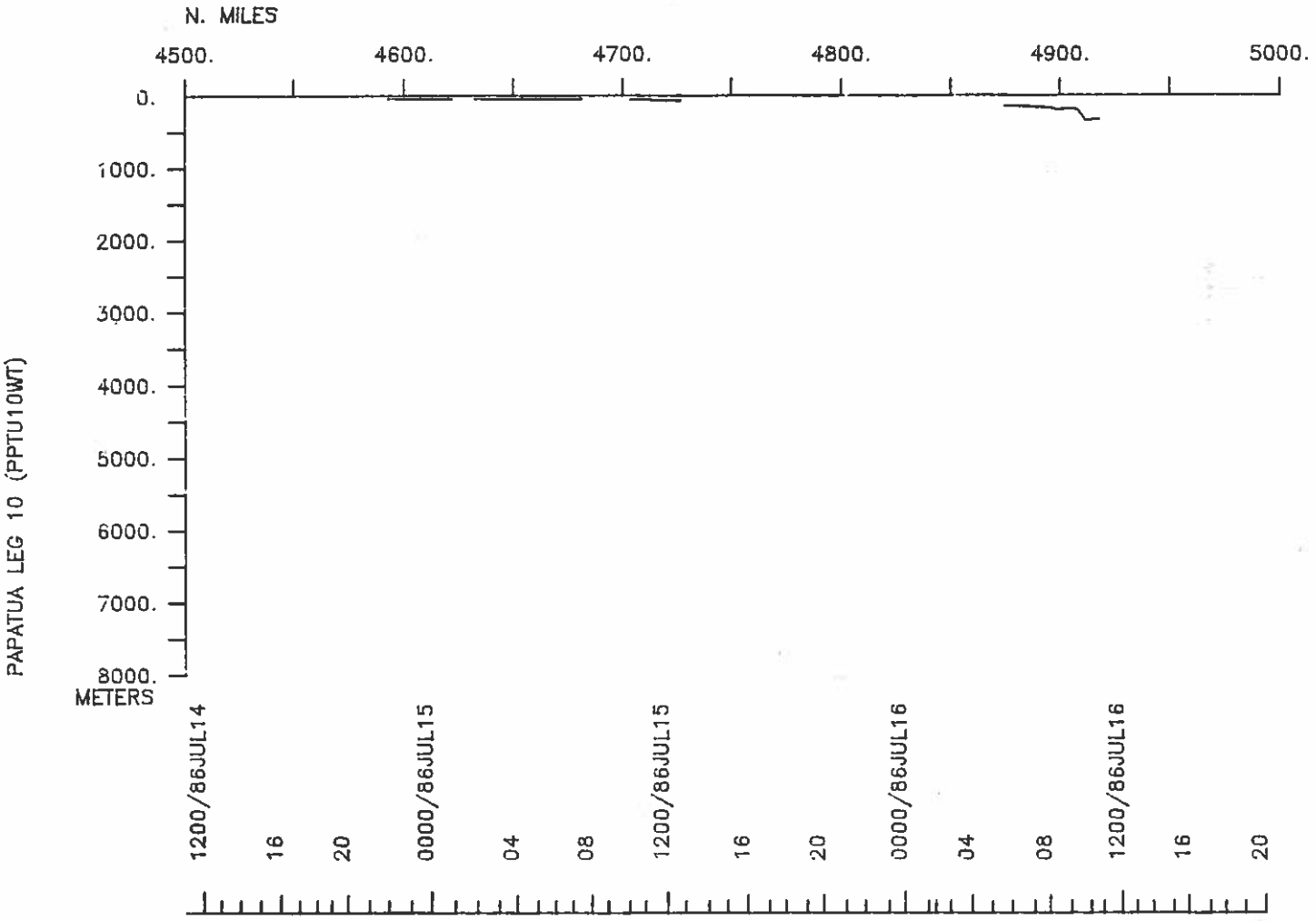
0000/86JUL14
04
08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METERS
PAPATUA LEG 10 (PPTU10WT)
1200/86JUL14
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20
0000/86JUL15
04
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1200/86JUL15
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20
0000/86JUL16
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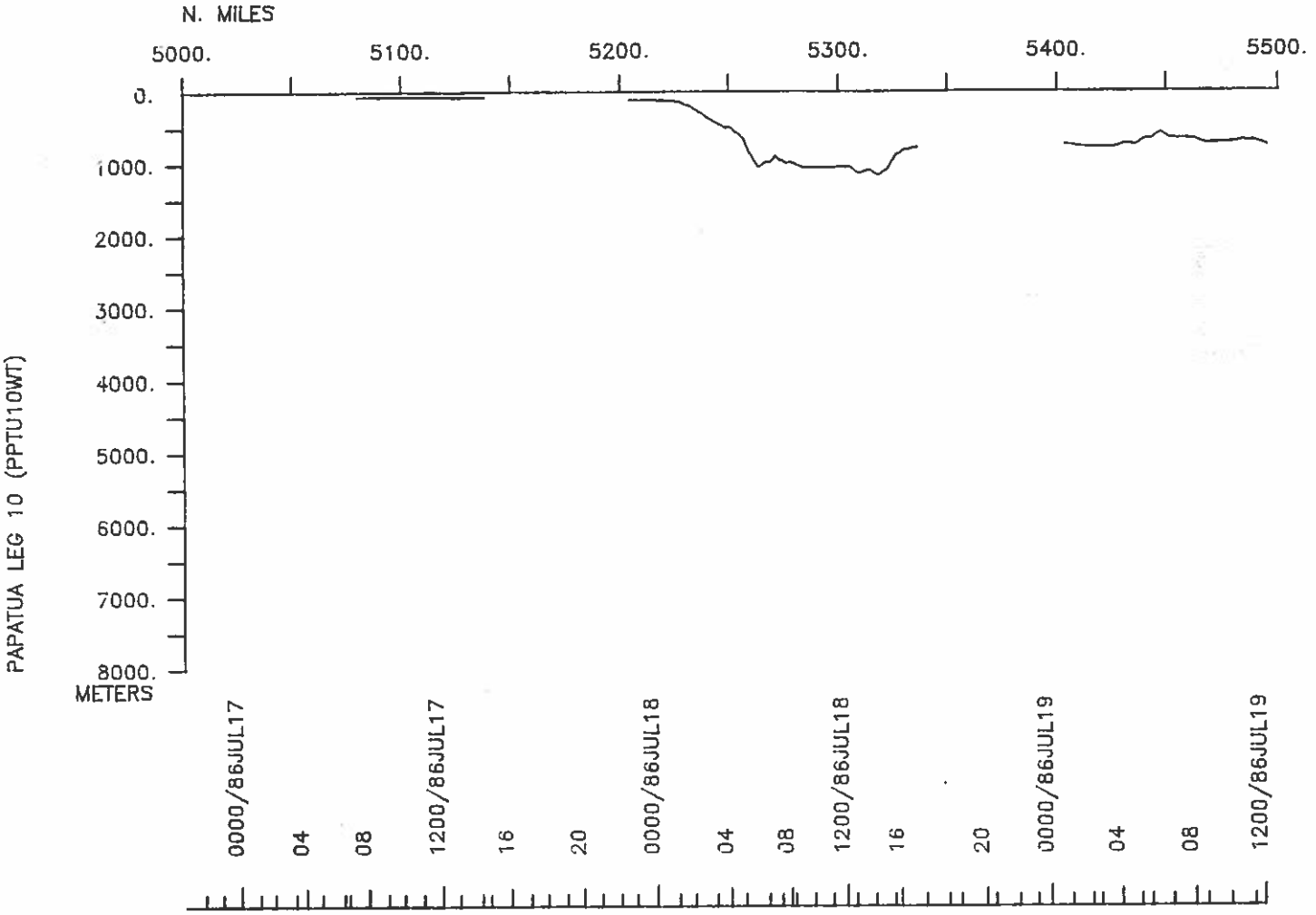
08
1200/86JUL16
16
20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0.
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2000.
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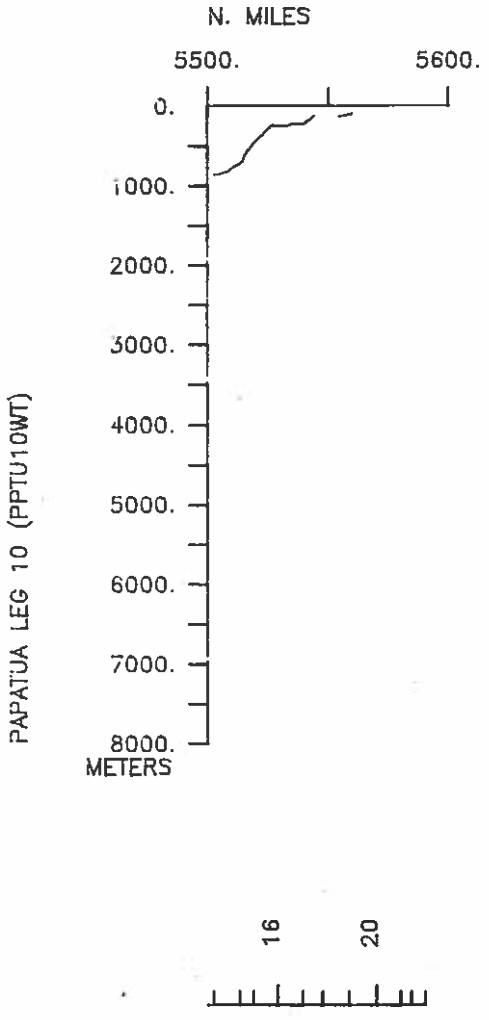
4000.
5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)
0000/86JUL17
04
08
1200/86JUL17
16
20
0000/86JUL18
04
08
1200/86JUL18
16
20
0000/86JUL19
04
08
1200/86JUL19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5000.
6000.
7000.
8000.
METERS
PAPATUA LEG 10 (PPTU10WT)

16
20

S.I.O. SAMPLE INDEX

(Issued February 1991)

PAPATUA EXPEDITION

Leg 10

R/V T. Washington

Sasebo, Japan (15 June 1986)
to
Sasebo, Japan (1 July 1986)

Co-Chief Scientists:

J. Milliman (Woods Hole)

Y.Hsueh (Florida State University)

R. Limeburner (Woods Hole)

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.# 220

#***PORTS***

0713 150686	LGPT B SASEBO,JAPAN	33-10 N 129-43 E fPPTU10WT
0500 270686	LGPT E SASABO,JAPAN	33-10 N 129-43 E fPPTU10WT

#***PERSONNEL***

	NAME	***TITLE***	***AFFILIATION***	**CRID**
PECS WHO	MILLIMAN,DR.J.	CHIEF SCIENTIST	WOODS HOLE	PPTU10WT
PERT STS	COMER,R.L.	RESIDENT TECH.	SCRIPPS INSTITUTION	PPTU10WT
PECT STS	MOORE,M.	COMPUTER TECH.	SCRIPPS INSTITUTION	PPTU10WT
PEAT STS	CRAMPTON,P.	SEISMIC TECH.	SCRIPPS INSTITUTION	PPTU10WT
PEXN CAN	COOPER,T.	HUNTEC REP.	CANADA	PPTU10WT
PEXN CAN	UYESUGI,M.	HUNTEC ENG.	CANADA	PPTU10WT
PEXN CAN	DRYSDALE,D.	HUNTEC TECH.	CANADA	PPTU10WT
PEXN JPN	SAITO,Y.	GEOL. RESEARCHER	JAPAN	PPTU10WT
PEXN JPN	OKUDA,DR.Y.	MARINE GEOLOGIST	JAPAN	PPTU10WT
PEXN KOR	PARK,DR.Y.A.	PROFESSOR	KOREA	PPTU10WT
PEXN KOR	LEE,DR.W.Y.	PROFESSOR	KOREA	PPTU10WT

#***NOTES***
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#OF MINUTES.

#GMT TIME	DDMMYY DATE	LOC T TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
#***UNDERWAY DATA CURATOR - S. M. SMITH EXT. 42752								
#*** BATHYTHERMOGRAPH RECORDS ***								
0725	150686		TGRC B	THERMOGRAPHS 1-13	GDC	33-086N	129-426E	sPPTU10WT
0500	270686		TGRC E	THERMOGRAPHS 1-13	GDC	33-058N	129-347E	sPPTU10WT
#*** SEISMIC REFLECTION RECORDS ***								
1648	150686		SPRF B	WATER GUN (4SEC)R-01	WHO	32-465N	128-182E	sPPTU10WT
1800	260686		SPRF E	WATER GUN (4SEC)R-02	WHO	31-419N	128-013E	sPPTU10WT
1647	150686		SPRF B	WATER GUN (1SEC)R-01	WHO	32-465N	128-183E	sPPTU10WT
1800	260686		SPRF E	WATER GUN (1SEC)R-02	WHO	31-419N	128-013E	sPPTU10WT
#*** ECHO SOUNDER RECORDS ***								
1630	150686		DPR3 B	3.5KHZ PDR R-01	GDC	32-461N	128-196E	sPPTU10WT
1830	170686		DPR3 E	3.5KHZ PDR R-01	GDC	32-476N	126-013E	sPPTU10WT
0819	180686		DPR3 B	3.5KHZ PDR R-02	WHO	32-489N	124-296E	sPPTU10WT
1800	260686		DPR3 E	3.5KHZ PDR R-06	WHO	31-419N	128-013E	sPPTU10WT

#GMT DDMMYY LOC T #TIME DATE TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
#*** DEEP TOWED INSTRUMENT RECORDS ***						
1900 150686	DTWS	B SIDE SCAN & DT L 86-1	WHO	32-481N	128-044E	sPPTU10WT
0240 190686	DTWS	E SIDE SCAN & DT L 86-1	WHO	32-561N	122-291E	sPPTU10WT
0650 190686	DTWS	B SEA OTTER LINE 86-2	WHO	33-098N	123-041E	sPPTU10WT
1945 190686	DTWS	E SEA OTTER LINE 86-2	WHO	31-577N	123-006E	sPPTU10WT
0155 200686	DTWS	B SEA OTTER LINE 86-3	WHO	32-307N	123-535E	sPPTU10WT
1253 200686	DTWS	E SEA OTTER LINE 86-3	WHO	33-352N	124-030E	sPPTU10WT
1254 200686	DTWS	B SEA OTTER LINE 86-4	WHO	33-352N	124-031E	sPPTU10WT
0130 210686	DTWS	E SEA OTTER LINE 86-4	WHO	33-581N	125-305E	sPPTU10WT
1220 210686	DTWS	B SEA OTTER LINE 86-5	WHO	35-140N	125-325E	sPPTU10WT
2230 210686	DTWS	E SEA OTTER LINE 86-5	WHO	34-566N	124-299E	sPPTU10WT
0315 220686	DTWS	B SIDE SCAN & DT L 86-6	WHO	35-308N	125-012E	sPPTU10WT
1458 230686	DTWS	E SIDE SCAN & DT L 86-6	WHO	32-307N	125-002E	sPPTU10WT
1500 230686	DTWS	B SIDE SCAN & DT L 86-7	WHO	32-307N	125-003E	sPPTU10WT
1130 240686	DTWS	E SIDE SCAN & DT L 86-7	WHO	31-274N	126-452E	sPPTU10WT
1447 240686	DTWS	B SIDE SCAN & DT L 86-8	WHO	31-227N	126-562E	sPPTU10WT
0600 260686	DTWS	E SIDE SCAN & DT L 86-8	WHO	32-122N	128-528E	sPPTU10WT
1000 260686	DTWS	B SEA OTTER LINE 86-9	WHO	32-179N	128-189E	sPPTU10WT
1800 260686	DTWS	E SEA OTTER LINE 86-9	WHO	31-419N	128-013E	sPPTU10WT
#***	END SAMPLE INDEX					

#*** PORTS ***

0703 280686 LGPT B SASEBO, JAPAN 33-10 N 129-43 E fPPTU10WT
2300 020786 LGPT E SASEBO, JAPAN 33-10 N 129-43 E fPPTU10WT

#***PERSONNEL***

	NAME	***TITLE***	***AFFILIATION***	**CRID**
PECS SIX	HSUEH,DR.Y.	CHIEF SCIENTIST	FLORIDA STATE UNIV.	PPTU10WT
PERT STS	COMER,R.L.	RESIDENT TECH.	SCRIPPS INSTITUTION	PPTU10WT
PECT STS	MOORE,M.	COMPUTER TECH.	SCRIPPS INSTITUTION	PPTU10WT
PESP SIX	HUNLEY.D.	ENGINEER	FLORIDA STATE UNIV.	PPTU10WT
PESP SIX	RITCH,J.	TECHNICIAN	FLORIDA STATE UNIV.	PPTU10WT
PEVL SIX	HSUEH,G.	VOLUNTEER	NON-SCRIPPS EMPLOYEE	PPTU10WT

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```
#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***

0730 290686         LBUW B UNDERWAY WATCH LOG    GDC 33-321N 125-084E sPPTU10WT
1830 300686         LBUW E UNDERWAY WATCH LOG    GDC 35-132N 124-452E sPPTU10WT


#*** ECHO SOUNDER RECORDS ***

0325 290686         DPRT B 12KHZ PDR R-01        GDC 33-086N 125-586E sPPTU10WT
0615 290686         DPRT E 12KHZ PDR R-01        GDC 33-245N 125-242E sPPTU10WT

0640 290686         DPRT B 12KHZ PDR R-02        GDC 33-270N 125-189E sPPTU10WT
0715 020786         DPRT E 12KHZ PDR R-02        GDC 33-357N 127-116E sPPTU10WT


#*** BATHYTHERMOGRAPH RECORDS ***

0710 280686         TGRC B THERMOGRAPHS 1-5      GDC 33-086N 129-424E sPPTU10WT
2300 020786         TGRC E THERMOGRAPHS 1-5      GDC 33-067N 129-376E sPPTU10WT


#*** CURRENT METER ***

0400 010786         CMAB   RECOVER MOORING       SIX 35-048N 124-446E sPPTU10WT

#***                END SAMPLE INDEX
```

#***PORTS***

```
0700 040786          LGPT B SASEBO, JAPAN              33-10 N 129-43 E fPPTU10WT
2320 190786          LGPT E SASEBO, JAPAN              33-10 N 129-43 E fPPTU10WT
```

#***PERSONNEL***

	NAME	***TITLE***	***AFFILIATION***	**CRID**
PECS WHO	LIMEBURNER,Dr.R.	CHIEF SCIENTIST	WOODS HOLE	
PESP NCS	NITTROUER,Dr.C.	PROFESSOR	NO.CAROLINA STATE UNIV	PPTU10WT
PESP NCS	DEMASTER,Dr.,D.	ASSOC. PROFESSOR	NO.CAROLINA STATE UNIV	PPTU10WT
PERT STS	COMER,R.L.	RESIDENT TECH.	SCRIPPS INSTITUTION	PPTU10WT
PECT STS	MOORE,M.	COMPUTER TECH.	SCRIPPS INSTITUTION	PPTU10WT
PEXN KOR	PARK,Dr.Y.A.	PROFESSOR	KOREA	PPTU10WT
PEXN KOR	PARK,Dr.S.C.	ASSIST PROFESSOR	KOREA	PPTU10WT
PEST WHO	WELSH,E.B.	STUDENT	WOODS HOLE	PPTU10WT
PEST WHO	WOOD,T.M.	STUDENT	WOODS HOLE	PPTU10WT
PEST NCS	ALEXANDER,C,	STUDENT	NO.CAROLINA STATE UNIV	PPTU10WT
PEST MIT	CESSI,P.	STUDENT	MASS.INS.OF TECHNOLOGY	PPTU10WT
PEXN PRC	GUAN,Dr.C.Z.	RES. GEOLOGIST	PEOPLES REP. OF CHINA	PPTU10WT
PEXN PRC	LE,Dr.K.	RESEARCHER	PEOPLES REP. OF CHINA	PPTU10WT
PEXN PRC	SHEN,Dr.S.	RESEARCHER	PEOPLES REP. OF CHINA	PPTU10WT
PEXN PRC	LI,W.	ENGINEER	PEOPLES REP. OF CHINA	PPTU10WT
PEXN PRC	LI,Y.X.	GRAD. STUDENT	PEOPLES REP. OF CHINA	PPTU10WT

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#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***						
1505 040786	LBUW B	UNDERWAY WATCH LOG	GDC	33-295N	128-027E	sPPTU10WT
2016 190786	LBUW E	UNDERWAY WATCH LOG	GDC	33-006N	129-308E	sPPTU10WT
#*** ECHO SOUNDER RECORDS ***						
1505 040786	DPR3 B	3.5KHZ ROLL-01	NCS	33-295N	128-027E	sPPTU10WT
2145 040786	DPR3 E	3.5KHZ ROLL-01	NCS	33-402N	126-285E	sPPTU10WT
2205 040786	DPR3 B	3.5KHZ ROLL-02	NCS	33-408N	126-239E	sPPTU10WT
2223 050786	DPR3 E	3.5KHZ ROLL-02	NCS	36-191N	124-141E	sPPTU10WT
2235 050786	DPR3 B	3.5KHZ ROLL-03	NCS	36-214N	124-129E	sPPTU10WT
0000 060786	DPR3 E	3.5KHZ ROLL-03	NCS	36-380N	124-041E	sPPTU10WT
060786	DPR3 B	3.5KHZ ROLL-04	NCS			sPPTU10WT
0119 070786	DPR3 E	3.5KHZ ROLL-04	NCS	36-357N	123-543E	sPPTU10WT
0130 070786	DPR3 B	3.5KHZ ROLL-05	NCS	36-348N	123-570E	sPPTU10WT
2255 100786	DPR3 E	3.5KHZ ROLL-05	NCS	34-593N	125-190E	sPPTU10WT
2315 100786	DPR3 B	3.5KHZ ROLL-06	NCS	34-598N	125-224E	sPPTU10WT
2003 110786	DPR3 E	3.5KHZ ROLL-06	NCS	34-021N	123-225E	sPPTU10WT
2013 110786	DPR3 B	3.5KHZ ROLL-07	NCS	34-023N	123-221E	sPPTU10WT
1005 120786	DPR3 E	3.5KHZ ROLL-07	NCS	33-544N	122-114E	sPPTU10WT
1009 120786	DPR3 B	3.5KHZ ROLL-08	NCS	33-538N	122-112E	sPPTU10WT
2127 120786	DPR3 E	3.5KHZ ROLL-08	NCS	33-019N	123-026E	sPPTU10WT
2139 120786	DPR3 B	3.5KHZ ROLL-09	NCS	33-024N	123-032E	sPPTU10WT
0955 130786	DPR3 E	3.5KHZ ROLL-09	NCS	33-007N	124-539E	sPPTU10WT
1002 130786	DPR3 B	3.5KHZ ROLL-10	NCS	33-007N	124-542E	sPPTU10WT
1659 130786	DPR3 E	3.5KHZ ROLL-10	NCS	33-005N	126-008E	sPPTU10WT
2203 140786	DPR3 B	3.5KHZ ROLL-11	NCS	31-376N	123-104E	sPPTU10WT
0213 150786	DPR3 E	3.5KHZ ROLL-11	NCS	31-505N	123-572E	sPPTU10WT

#GMT TIME	DDMMYY DATE	LOC T TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
2203	140786		DPR3 B	3.5KHZ ROLL-11	SIX	31-376N	123-105E	sPPTU10WT
0213	150786		DPR3 E	3.5KHZ ROLL-11	SIX	31-505N	123-572E	sPPTU10WT
0221	150786		DPR3 B	3.5KHZ ROLL-12	SIX	31-511N	123-586E	sPPTU10WT
1400	150786		DPR3 E	3.5KHZ ROLL-12	SIX	32-236N	125-498E	sPPTU10WT
1407	150786		DPR3 B	3 5KHZ ROLL-13	SIX	32-241N	125-512E	sPPTU10WT
2356	170786		DPR3.E	3.5KHZ ROLL-13	SIX	30-092N	127-233E	sPPTU10WT
0008	180786		DPR3 B	3.5KHZ ROLL-14	SIX	30-077N	127-246E	sPPTU10WT
2016	190786		DPR3 E	3.5KHZ ROLL-14	SIX	33-007N	129-308E	sPPTU10WT
1318	050786		DPRT B	12KHZ ROLL-01	GDC	34-559N	124-520E	sPPTU10WT
0737	080786		DPRT E	12KHZ ROLL-01	GDC	36-010N	123-268E	sPPTU10WT
0815	080786		DPRT B	12KHZ ROLL-02	GDC	36-009N	123-171E	sPPTU10WT
2230	080786		DPRT E	12KHZ ROLL-02	GDC	35-529N	121-391E	sPPTU10WT
2240	080786		DPRT B	12KHZ ROLL-03	GDC	35-519N	121-374E	sPPTU10WT
1128	090786		DPRT E	12KHZ ROLL-03	GDC	34-593N	121-026E	sPPTU10WT
1136	090786		DPRT B	12KHZ ROLL-04	GDC	34-592N	121-035E	sPPTU10WT
0420	100786		DPRT E	12KHZ ROLL-04	GDC	35-015N	123-203E	sPPTU10WT
0607	100786		DPRT B	12KHZ ROLL-05	GDC	35-035N	123-197E	sPPTU10WT
0332	170786		DPRT E	12KHZ ROLL-05	GDC	31-503N	125-455E	sPPTU10WT
0415	170786		DPRT B	12KHZ ROLL-06	GDC	31-496N	125-453E	sPPTU10WT
1714	190786		DPRT E	12KHZ ROLL-06	GDC	32-303N	129-187E	sPPTU10WT
#*** BATHYTHERMOGRAPH RECORDS ***								
0800	040786		TGRC B	THERMOGRAPHS 1-14	GDC	33-080N	129-322E	sPPTU10WT
0100	200786		TGRC E	THERMOGRAPHS 1-14	GDC	33-098N	129-427E	sPPTU10WT

#GMT DDMMYY LOC T #TIME DATE TIME Z	SAMP CODE		SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
#* PISTON CORES ***							
1446 050786	COPS		STA-02-01 PISTON 90M	NCS	34-572N	124-521E	sPPTU10WT
0756 060786	COPS		STA-03-02 PISTON 64M	NCS	36-528N	123-113E	sPPTU10WT
1041 060786	COPS		STA-04-03 PISTON 48M	NCS	36-533N	123-076E	sPPTU10WT
1325 060786	COPS		STA-05-04 PISTON 31M	NCS	36-501N	123-038E	sPPTU10WT
1609 060786	COPS		STA-06-05 PISTON 48M	NCS	36-399N	123-037E	sPPTU10WT
1801 060786	COPS		STA-07-06 PISTON 64M	NCS	36-334N	123-036E	sPPTU10WT
1438 080786	COPS		STA-30-07 PISTON 51M	NCS	35-422N	122-235E	sPPTU10WT
#* GRAVITY CORES ***							
0440 050786	COGV		STA-01-01 83M	NCS	33-447N	124-508E	sPPTU10WT
1256 050786	COGV		STA-02-02 90M	NCS	34-556N	124-520E	sPPTU10WT
0440 060786	COGV		STA-03-03 64M	NCS	36-546N	123-342E	sPPTU10WT
1338 070786	COGV	X	STA-19-04 61M	NCS	36-000N	125-315E	sPPTU10WT
1541 070786	COGV	X	STA-20-05 69M	NCS	36-007N	125-144E	sPPTU10WT
1723 070786	COGV		STA-21-06 77M	NCS	36-008N	124-555E	sPPTU10WT
2045 070786	COGV		STA-22-07 79M	KOR	36-024N	124-349E	sPPTU10WT
1418 080786	COGV		STA-30-08 58M	NCS	35-418N	122-233E	sPPTU10WT
0846 090786	COGV		STA-40-09 28M	NCS	35-014N	120-400E	sPPTU10WT
1113 090786	COGV		STA-41-10 36M	NCS	34-593N	121-019E	sPPTU10WT
1547 090786	COGV	X	STA-43-11 44M	NCS	34-599N	121-437E	sPPTU10WT
0219 120786	COGV		STA-68-12 30M	NCS	33-563N	122-296E	sPPTU10WT
0402 120786	COGV		STA-69-13 30M	NCS	33-586N	122-147E	sPPTU10WT
0523 120786	COGV		STA-70-14 13M	NCS	34-003N	122-018E	sPPTU10WT
0741 120786	COGV		STA-71-15 45M	NCS	34-126N	122-182E	sPPTU10WT
1808 120786	COGV		STA-75-16 28M	NCS	33-015N	122-334E	sPPTU10WT
2130 120786	COGV		STA-76-17 32M	NCS	33-020N	123-027E	sPPTU10WT
2315 120786	COGV		STA-77-18 38M	NCS	33-001N	123-204E	sPPTU10WT
#* BOX CORES ***							
0509 050786	COBX		STA-01-01 KASTEN 83M	NCS	33-446N	124-508E	sPPTU10WT
2057 070786	COBX		STA-22-02 KASTEN 79M	NCS	36-026N	124-348E	sPPTU10WT
0252 080786	COBX		STA-24-03 KASTEN 73M	NCS	36-009N	124-021E	sPPTU10WT
1805 080786	COBX		STA-31-04 KASTEN 49M	NCS	36-022N	122-206E	sPPTU10WT
1547 090786	COBX		STA-43-05 KASTEN 44M	NCS	34-599N	121-437E	sPPTU10WT
1851 090786	COBX		STA-44-06 KASTEN 46M	NCS	35-012N	122-051E	sPPTU10WT

#GMT TIME	DDMMYY DATE	LOC T TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
2359	090786		COBX	STA-46-07 KASTEN 67M	NCS	34-587N	122-443E	sPPTU10WT
0431	100786		COBX	STA-48-08 KASTEN 71M	NCS	35-017N	123-202E	sPPTU10WT
1649	100786		COBX	STA-51-09 KASTEN 89M	NCS	34-597N	124-231E	sPPTU10WT
0004	110786		COBX	STA-55-10 KASTEN 71M	NCS	34-596N	125-238E	sPPTU10WT
0948	110786		COBX	STA-59-11 KASTEN 93M	NCS	34-128N	124-513E	sPPTU10WT
1654	110786		COBX	STA-63-12 KASTEN 73M	NCS	33-599N	123-539E	sPPTU10WT
2035	110786		COBX	STA-65-13 KASTEN 68M	NCS	34-029N	123-221E	sPPTU10WT
1838	120786		COBX	STA-75-14 KASTEN 28M	NCS	33-020N	122-324E	sPPTU10WT
2315	120786		COBX	STA-77-15 KASTEN 38M	NCS	33-001N	123-204E	sPPTU10WT
0815	130786		COBX	STA-82-16 KASTEN 70M	NCS	32-598N	124-393E	sPPTU10WT
1316	130786		COBX	STA-85-17 KASTEN 88M	NCS	32-597N	125-249E	sPPTU10WT
#*** REMOTE TRACKED DRIFTER CURRENT METERS ***								
1000	100786		CMRT	DRIFTER BUOYS 5843	WHO	35-074N	123-202E	sPPTU10WT
2210	100786		CMRT	DRIFTER BUOYS 6984	WHO	34-595N	125-108E	sPPTU10WT
2016	120786		CMRT	DRIFTER BUOYS 6987	WHO	33-030N	122-491E	sPPTU10WT
1251	130786		CMRT	DRIFTER BUOYS 6988	WHO	32-599N	125-246E	sPPTU10WT
1905	140786		CMRT	DRIFTER BUOYS 6986	WHO	31-376N	122-468E	sPPTU10WT
0730	160786		CMRT	DRIFTER BUOYS 6983	WHO	32-498N	127-579E	sPPTU10WT
0916	180786		CMRT	DRIFTER BUOYS 6974	WHO	29-338N	128-168E	sPPTU10WT
#*** CONDUCTIVITY, TEMPERATURE, DEPTH WITH OXYGEN SENSOR STATIONS ***								
1330	050786		TDOT	CTD STA-001 93M	WHO	34-559N	124-519E	sPPTU10WT
0140	060786		TDOT	CTD STA-002 76M	WHO	36-571N	124-026E	sPPTU10WT
0721	060786		TDOT	CTD STA-003 67M	WHO	36-526N	123-117E	sPPTU10WT
1100	060786		TDOT	CTD STA-004 49M	WHO	36-532N	123-077E	sPPTU10WT
	060786		TDOT X	CTD STA-005 M	WHO			sPPTU10WT
	060786		TDOT X	CTD STA-006 M	WHO			sPPTU10WT
1831	060786		TDOT	CTD STA-007 64M	WHO	36-343N	123-034E	sPPTU10WT
2020	060786		TDOT	CTD STA-008 30M	WHO	36-526N	123-013E	sPPTU10WT
2155	060786		TDOT	CTD STA-009 71M	WHO	36-470N	123-191E	sPPTU10WT
2328	060786		TDOT	CTD STA-010 74M	WHO	36-426N	123-341E	sPPTU10WT
0057	070786		TDOT	CTD STA-011 76M	WHO	36-367N	123-509E	sPPTU10WT
0218	070786		TDOT	CTD STA-012 78M	WHO	36-317N	124-072E	sPPTU10WT
0330	070786		TDOT	CTD STA-013 78M	WHO	36-268N	124-219E	sPPTU10WT
0503	070786		TDOT	CTD STA-014 87M	WHO	36-215N	124-387E	sPPTU10WT
0639	070786		TDOT	CTD STA-015 81M	WHO	36-161N	124-541E	sPPTU10WT
0906	070786		TDOT	CTD STA-016 74M	WHO	36-107N	125-098E	sPPTU10WT
1044	070786		TDOT	CTD STA-017 72M	WHO	36-039N	125-262E	sPPTU10WT
1220	070786		TDOT	CTD STA-018 61M	WHO	35-595N	125-422E	sPPTU10WT

#GMT TIME	DDMMYY DATE	LOC T TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1320	070786		TDOT	CTD STA-019	67M	WHO 36-001N	125-313E	sPPTU10WT
1528	070786		TDOT	CTD STA-020	67M	WHO 36-006N	125-146E	sPPTU10WT
1711	070786		TDOT	CTD STA-021	78M	WHO 36-007N	124-556E	sPPTU10WT
1922	070786		TDOT	CTD STA-022	86M	WHO 36-008N	124-360E	sPPTU10WT
2245	070786		TDOT	CTD STA-023	80M	WHO 36-004N	124-188E	sPPTU10WT
0033	080786		TDOT	CTD STA-024	86M	WHO 36-004N	124-023E	sPPTU10WT
0553	080786		TDOT	CTD STA-025	75M	WHO 36-008N	123-444E	sPPTU10WT
0721	080786		TDOT	CTD STA-026	73M	WHO 36-009N	123-281E	sPPTU10WT
0852	080786		TDOT	CTD STA-027	72M	WHO 36-008N	123-089E	sPPTU10WT
1015	080786		TDOT	CTD STA-028	68M	WHO 36-007N	122-521E	sPPTU10WT
1130	080786		TDOT	CTD STA-029	61M	WHO 36-008N	122-371E	sPPTU10WT
1354	080786		TDOT	CTD STA-030	58M	WHO 35-412N	122-234E	sPPTU10WT
1710	080786		TDOT	CTD STA-031	52M	WHO 36-012N	122-209E	sPPTU10WT
2011	080786		TDOT	CTD STA-032	47M	WHO 36-016N	122-017E	sPPTU10WT
2126	080786		TDOT	CTD STA-033	38M	WHO 35-587N	121-488E	sPPTU10WT
2320	080786		TDOT	CTD STA-034	40M	WHO 35-485N	121-315E	sPPTU10WT
0103	090786		TDOT	CTD STA-035	40M	WHO 35-408N	121-219E	sPPTU10WT
0227	090786		TDOT	CTD STA-036	37M	WHO 35-314N	121-094E	sPPTU10WT
0352	090786		TDOT	CTD STA-037	32M	WHO 35-228N	120-574E	sPPTU10WT
0511	090786		TDOT	CTD STA-038	30M	WHO 35-146N	120-468E	sPPTU10WT
0705	090786		TDOT	CTD STA-039	34M	WHO 35-011N	120-288E	sPPTU10WT
0833	090786		TDOT	CTD STA-040	31M	WHO 35-015N	120-403E	sPPTU10WT
1105	090786		TDOT	CTD STA-041	39M	WHO 34-595N	121-019E	sPPTU10WT
1326	090786		TDOT	CTD STA-042	30M	WHO 34-596N	121-242E	sPPTU10WT
1520	090786		TDOT	CTD STA-043	47M	WHO 35-001N	121-436E	sPPTU10WT
1744	090786		TDOT	CTD STA-044	51M	WHO 35-007N	122-045E	sPPTU10WT
2041	090786		TDOT	CTD STA-045	61M	WHO 35-001N	122-212E	sPPTU10WT
0009	100786		TDOT	CTD STA-046	69M	WHO 34-586N	122-443E	sPPTU10WT
0204	100786		TDOT	CTD STA-047	72M	WHO 35-002N	123-017E	sPPTU10WT
0355	100786		TDOT	CTD STA-048	74M	WHO 35-012N	123-205E	sPPTU10WT
1150	100786		TDOT	CTD STA-049	76M	WHO 34-595N	123-396E	sPPTU10WT
1406	100786		TDOT	CTD STA-050	78M	WHO 34-593N	124-049E	sPPTU10WT
1556	100786		TDOT	CTD STA-051	93M	WHO 35-001N	124-231E	sPPTU10WT
1844	100786		TDOT	CTD STA-052	97M	WHO 35-002N	124-404E	sPPTU10WT
2020	100786		TDOT	CTD STA-053	94M	WHO 35-009N	124-555E	sPPTU10WT
2150	100786		TDOT	CTD STA-054	81M	WHO 35-001N	125-097E	sPPTU10WT
2325	100786		TDOT	CTD STA-055	77M	WHO 35-001N	125-239E	sPPTU10WT
0329	110786		TDOT	CTD STA-056	86M	WHO 34-545N	124-498E	sPPTU10WT
0555	110786		TDOT	CTD STA-057	93M	WHO 34-385N	124-497E	sPPTU10WT
0746	110786		TDOT	CTD STA-058	96M	WHO 34-266N	124-520E	sPPTU10WT
0930	110786		TDOT	CTD STA-059	98M	WHO 34-130N	124-511E	sPPTU10WT

#GMT TIME	DDMMYY DATE	LOC T TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1128	110786		TDOT	CTD STA-060	93M	WHO 33-596N	124-482E	sPPTU10WT
1314	110786		TDOT	CTD STA-061	82M	WHO 33-597N	124-304E	sPPTU10WT
1456	110786		TDOT	CTD STA-062	80M	WHO 34-004N	124-128E	sPPTU10WT
1634	110786		TDOT	CTD STA-063	78M	WHO 33-596N	123-544E	sPPTU10WT
1816	110786		TDOT	CTD STA-064	71M	WHO 34-008N	123-394E	sPPTU10WT
2010	110786		TDOT	CTD STA-065	66M	WHO 34-022N	123-221E	sPPTU10WT
2236	110786		TDOT	CTD STA-066	69M	WHO 34-006N	123-038E	sPPTU10WT
0003	120786		TDOT	CTD STA-067	59M	WHO 33-584N	122-499E	sPPTU10WT
0157	120786		TDOT	CTD STA-068	33M	WHO 33-573N	122-299E	sPPTU10WT
0350	120786		TDOT	CTD STA-069	35M	WHO 33-587N	122-151E	sPPTU10WT
0515	120786		TDOT	CTD STA-070	14M	WHO 34-003N	122-019E	sPPTU10WT
0730	120786		TDOT	CTD STA-071	48M	WHO 34-124N	122-180E	sPPTU10WT
1037	120786		TDOT	CTD STA-072	14M	WHO 33-506N	122-104E	sPPTU10WT
1302	120786		TDOT	CTD STA-073	22M	WHO 33-344N	122-021E	sPPTU10WT
1523	120786		TDOT	CTD STA-074	26M	WHO 33-177N	122-172E	sPPTU10WT
1755	120786		TDOT	CTD STA-075	30M	WHO 33-011N	122-339E	sPPTU10WT
2126	120786		TDOT	CTD STA-076	40M	WHO 33-019N	123-025E	sPPTU10WT
2305	120786		TDOT	CTD STA-077	42M	WHO 33-001N	123-201E	sPPTU10WT
0041	130786		TDOT	CTD STA-078	40M	WHO 32-561N	123-338E	sPPTU10WT
0226	130786		TDOT	CTD STA-079	45M	WHO 32-582N	123-501E	sPPTU10WT
0411	130786		TDOT	CTD STA-080	52M	WHO 32-595N	124-062E	sPPTU10WT
0601	130786		TDOT	CTD STA-081	66M	WHO 33-006N	124-227E	sPPTU10WT
0800	130786		TDOT	CTD STA-082	72M	WHO 32-598N	124-394E	sPPTU10WT
0950	130786		TDOT	CTD STA-083	81M	WHO 33-007N	124-539E	sPPTU10WT
1106	130786		TDOT	CTD STA-084	83M	WHO 32-596N	125-065E	sPPTU10WT
1256	130786		TDOT	CTD STA-085	92M	WHO 32-598N	125-250E	sPPTU10WT
1453	130786		TDOT	CTD STA-086	104M	WHO 33-003N	125-418E	sPPTU10WT
1659	130786		TDOT	CTD STA-087	114M	WHO 33-005N	126-008E	sPPTU10WT
1853	130786		TDOT	CTD STA-088	102M	WHO 32-556N	125-438E	sPPTU10WT
2058	130786		TDOT	CTD STA-089	85M	WHO 32-500N	125-254E	sPPTU10WT
2306	130786		TDOT	CTD STA-090	86M	WHO 32-431N	125-086E	sPPTU10WT
0120	140786		TDOT	CTD STA-091	63M	WHO 32-388N	124-504E	sPPTU10WT
0304	140786		TDOT	CTD STA-092	49M	WHO 32-347N	124-338E	sPPTU10WT
0433	140786		TDOT	CTD STA-093	46M	WHO 32-301N	124-191E	sPPTU10WT
0613	140786		TDOT	CTD STA-094	40M	WHO 32-243N	124-006E	sPPTU10WT
0800	140786		TDOT	CTD STA-095	40M	WHO 32-185N	123-424E	sPPTU10WT
1019	140786		TDOT	CTD STA-096	34M	WHO 32-132N	123-224E	sPPTU10WT
1213	140786		TDOT	CTD STA-097	37M	WHO 32-076N	123-059E	sPPTU10WT
1355	140786		TDOT	CTD STA-098	35M	WHO 32-031N	122-495E	sPPTU10WT
1536	140786		TDOT	CTD STA-099	27M	WHO 31-586N	122-323E	sPPTU10WT
1630	140786		TDOT	CTD STA-100	30M	WHO 31-520N	122-366E	sPPTU10WT
1736	140786		TDOT	CTD STA-101	36M	WHO 31-447N	122-421E	sPPTU10WT
1842	140786		TDOT	CTD STA-102	35M	WHO 31-382N	122-463E	sPPTU10WT
2006	140786		TDOT	CTD STA-103	34M	WHO 31-322N	122-514E	sPPTU10WT
2156	140786		TDOT	CTD STA-104	37M	WHO 31-375N	123-101E	sPPTU10WT
2355	140786		TDOT	CTD STA-105	44M	WHO 31-412N	123-322E	sPPTU10WT

#GMT TIME	DDMMYY DATE	LOC T TIME Z	SAMP CODE	SAMPLE IDENTIFIER		DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0126	150786		TDOT	CTD STA-106	38M	WHO	31-474N	123-493E	sPPTU10WT
0313	150786		TDOT	CTD STA-107	40M	WHO	31-530N	124-066E	sPPTU10WT
0506	150786		TDOT	CTD STA-108	40M	WHO	31-577N	124-245E	sPPTU10WT
0654	150786		TDOT	CTD STA-109	44M	WHO	32-037N	124-412E	sPPTU10WT
0847	150786		TDOT	CTD STA-110	49M	WHO	32-094N	124-583E	sPPTU10WT
1045	150786		TDOT	CTD STA-111	63M	WHO	32-147N	125-172E	sPPTU10WT
1240	150786		TDOT	CTD STA-112	73M	WHO	32-197N	125-359E	sPPTU10WT
1455	150786		TDOT	CTD STA-113	97M	WHO	32-268N	125-589E	sPPTU10WT
1717	150786		TDOT	CTD STA-114	106M	WHO	32-338N	126-217E	sPPTU10WT
1931	150786		TDOT	CTD STA-115	121M	WHO	32-402N	126-432E	sPPTU10WT
2140	150786		TDOT	CTD STA-116	115M	WHO	32-455N	127-060E	sPPTU10WT
2332	150786		TDOT	CTD STA-117	114M	WHO	33-015N	127-091E	sPPTU10WT
0120	160786		TDOT	CTD STA-118	121M	WHO	33-163N	127-132E	sPPTU10WT
0502	160786		TDOT	CTD STA-119	137M	WHO	33-034N	127-358E	sPPTU10WT
0725	160786		TDOT	CTD STA-120	167M	WHO	32-498N	127-578E	sPPTU10WT
1000	160786		TDOT	CTD STA-121	340M	WHO	32-367N	128-193E	sPPTU10WT
1247	160786		TDOT	CTD STA-122	161M	WHO	32-295N	127-571E	sPPTU10WT
1524	160786		TDOT	CTD STA-123	138M	WHO	32-235N	127-355E	sPPTU10WT
1749	160786		TDOT	CTD STA-124	125M	WHO	32-177N	127-133E	sPPTU10WT
2020	160786		TDOT	CTD STA-125	112M	WHO	32-096N	126-502E	sPPTU10WT
2248	160786		TDOT	CTD STA-126	101M	WHO	32-033N	126-271E	sPPTU10WT
0106	170786		TDOT	CTD STA-127	86M	WHO	31-574N	126-067E	sPPTU10WT
0328	170786		TDOT	CTD STA-128	66M	WHO	31-504N	125-454E	sPPTU10WT
0600	170786		TDOT	CTD STA-129	57M	WHO	31-449N	125-258E	sPPTU10WT
0908	170786		TDOT	CTD STA-130	64M	WHO	31-312N	125-420E	sPPTU10WT
1153	170786		TDOT	CTD STA-131	69M	WHO	31-157N	126-023E	sPPTU10WT
1422	170786		TDOT	CTD STA-132	81M	WHO	31-007N	126-205E	sPPTU10WT
1721	170786		TDOT	CTD STA-133	88M	WHO	30-469N	126-394E	sPPTU10WT
1959	170786		TDOT	CTD STA-134	97M	WHO	30-323N	126-571E	sPPTU10WT
2245	170786		TDOT	CTD STA-135	115M	WHO	30-161N	127-164E	sPPTU10WT
0117	180786		TDOT	CTD STA-136	149M	WHO	30-014N	127-336E	sPPTU10WT
0400	180786		TDOT	CTD STA-137	487M	WHO	29-460N	127-525E	sPPTU10WT
0643	180786		TDOT	CTD STA-138	947M	WHO	29-308N	128-120E	sPPTU10WT
1146	180786		TDOT	CTD STA-139	1064M	WHO	29-160N	128-284E	sPPTU10WT
1513	180786		TDOT	CTD STA-140	949M	WHO	29-011N	128-457E	sPPTU10WT
1800	180786		TDOT	CTD STA-141	782M	WHO	29-246N	128-505E	sPPTU10WT
2026	180786		TDOT	CTD STA-142	813M	WHO	29-437N	128-543E	sPPTU10WT
2249	180786		TDOT	CTD STA-143	918M	WHO	30-033N	128-553E	sPPTU10WT
0204	190786		TDOT	CTD STA-144	753M	WHO	30-281N	128-593E	sPPTU10WT
0528	190786		TDOT	CTD STA-145	688M	WHO	30-539N	129-031E	sPPTU10WT
0842	190786		TDOT	CTD STA-146	M	WHO	31-184N	129-073E	sPPTU10WT
1128	190786		TDOT	CTD STA-147	M	WHO	31-419N	129-110E	sPPTU10WT
1424	190786		TDOT	CTD STA-148	M	WHO	32-062N	129-152E	sPPTU10WT
1714	190786		TDOT	CTD STA-149	M	WHO	32-302N	129-187E	sPPTU10WT

#*** END SAMPLE INDEX