INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH, MAGNETICS AND SUBBOTTOM PROFILER DATA

(Issued August 10, 1977)

INDOPAC EXPEDITION

LEG 14

Padang, Sumatra (27 April 1977)
to
Honolulu, Hawaii (28 May 1977)

R/V Thomas Washington

Chief Scientist - G. Shor

Resident Marine Tech - R. Comer

Post-Cruise Processing and Report Preparation
by S.I.O. Geological Data Center - S. M. Smith,
U. Albright, G. Psaropulos, G. Papadopoulos

Data Collection Funded by NSF
Grant Number OCE76-24101
Data Processing Funded by SIA, ONR and NSF

Informal Report and Index of Navigation, Depth, Magnetic and Subbottom Profiler Data

Contents:

Index Chart - gives track of cruise leg and boundaries of depth compilation plots (see below).

Track Charts - annotated with dates (day/month) and hour ticks. The scale (.3"/deg. long) is the same as the index charts of previous SIO cruises published as Report IMR TR-25.

Profiles - Depth and magnetic anomaly vs. distance. Dates (day/month) and positions of major course changes (greater than 30 degrees) are annotated. Sections of track having subbottom profiler (airgun) records have a solid black line along the bottom of the profile.

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: (714) 452-2752.

1. Navigation listing of times and positions of course and speed changes, fixes and drift velocity.

2. Depth compilation plots - in fathoms (assumed sound velocity of 800 fm./sec.) at approximately 1 mile spacing, plotted at 4" degree with standard U.S. Navy Oceanographic Office BC series boundaries (see index chart).

3. Plots of magnetic anomaly profiles along track-map scale = 1.2"/ degree; anomaly scale between 15°N and 15°S latitude = 500 gamma/inch; anomaly scale north of 15°N and south of 15°S = 1000 gamma/inch) from values retrieved at approximately 1 mile spacing and regional field removed using the 1965 IGRF.

4. Card Decks of navigation, depth and magnetics (for specific formats, contact S. M. Smith, Geological Data Center). Phone: (714) 452-2752

5. S.I.O. Sample Index - list of beginning and end times and positions of all underway records as well as all other samples (geology, biology, physical oceanography, etc.) collected on the cruise leg.

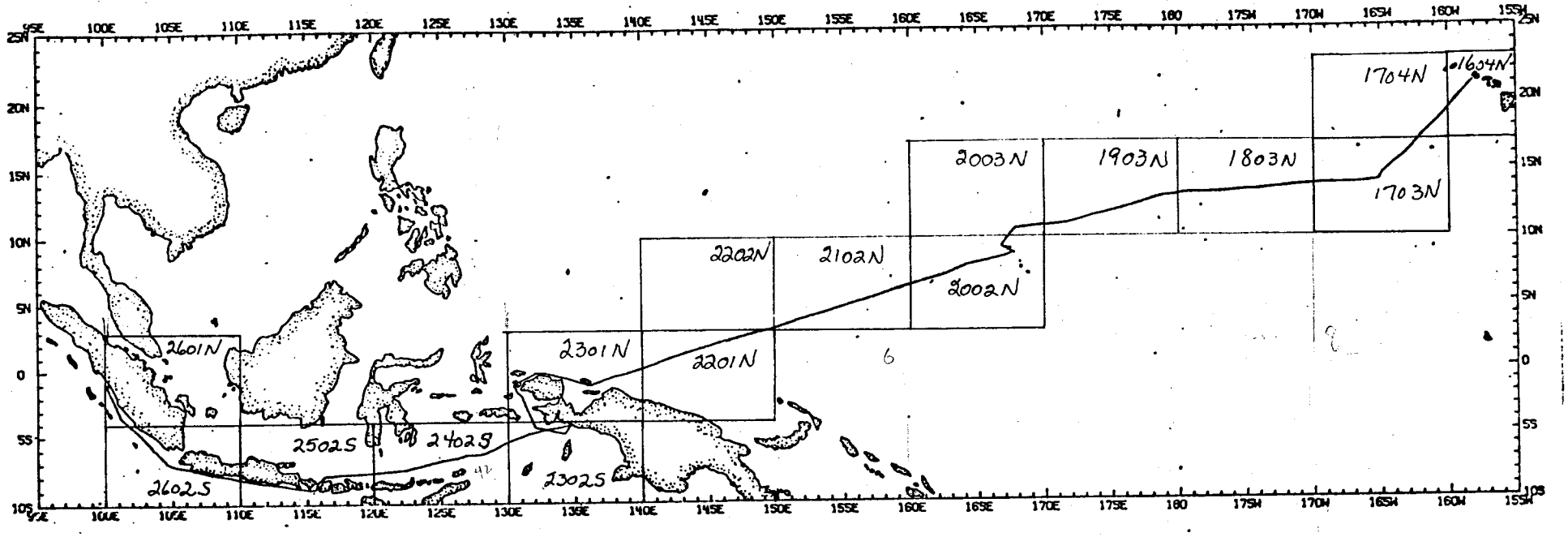
6. Microfilm or Xerox copies of:

   a. Echosounder records - 12 and 3.5 kHz frequency

   b. Subbottom profiler records (airgun)

   c. Magnetometer records

   d. Underway Data Log



INDOPAC EXPEDITION
LEG 14
R/V THOMAS WASHINGTON

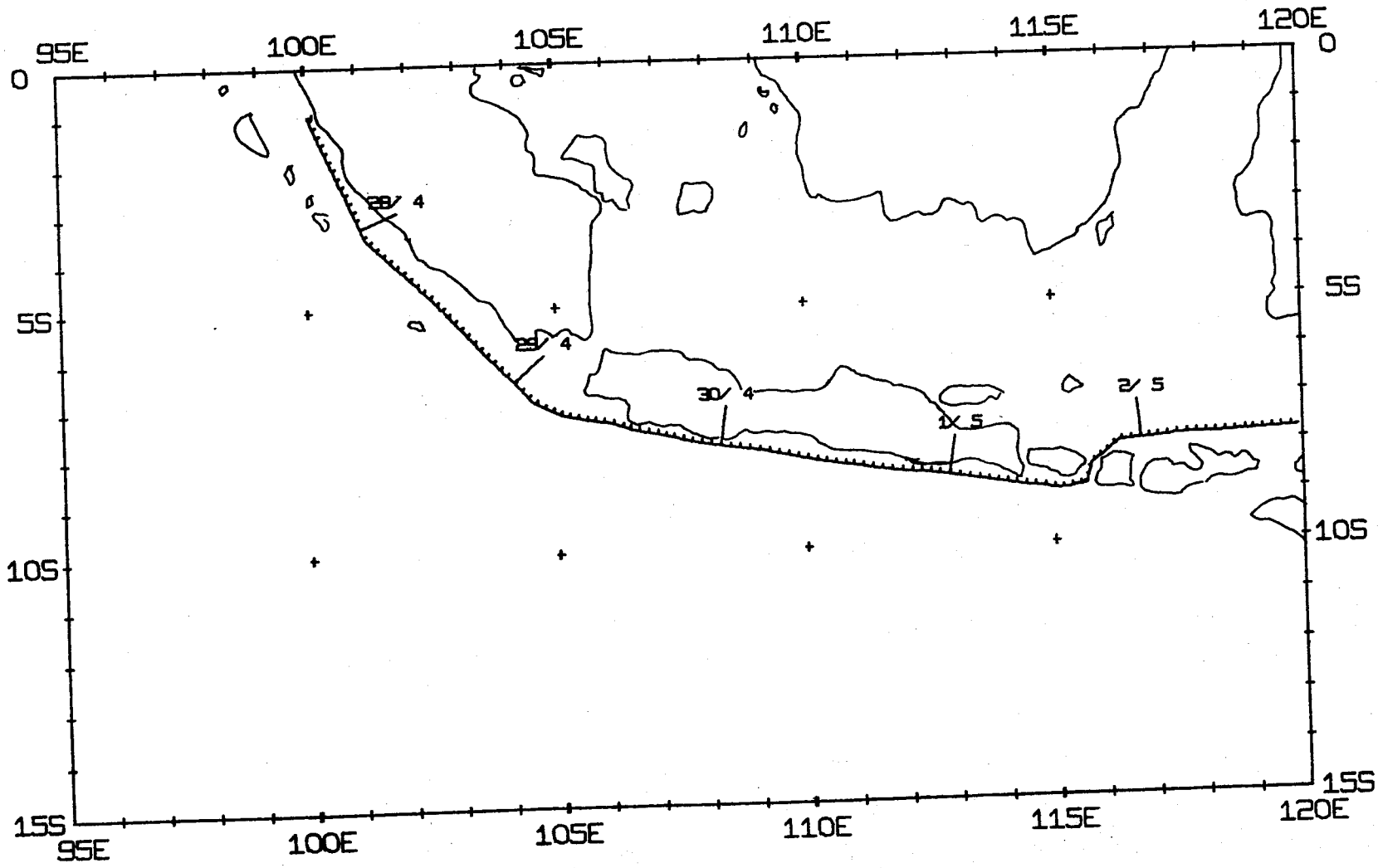
Chief Scientist - G. Shor (Scripps)
Ports - Padang, Sumatra - Honolulu, Hawaii
Dates - 27 April to 28 May 1977

TOTAL MILEAGE

1) Cruise - 7482 miles
2) Bathymetry - 7307 miles
3) Magnetics - 7186 miles
4) Seismic Reflection - 1650 miles

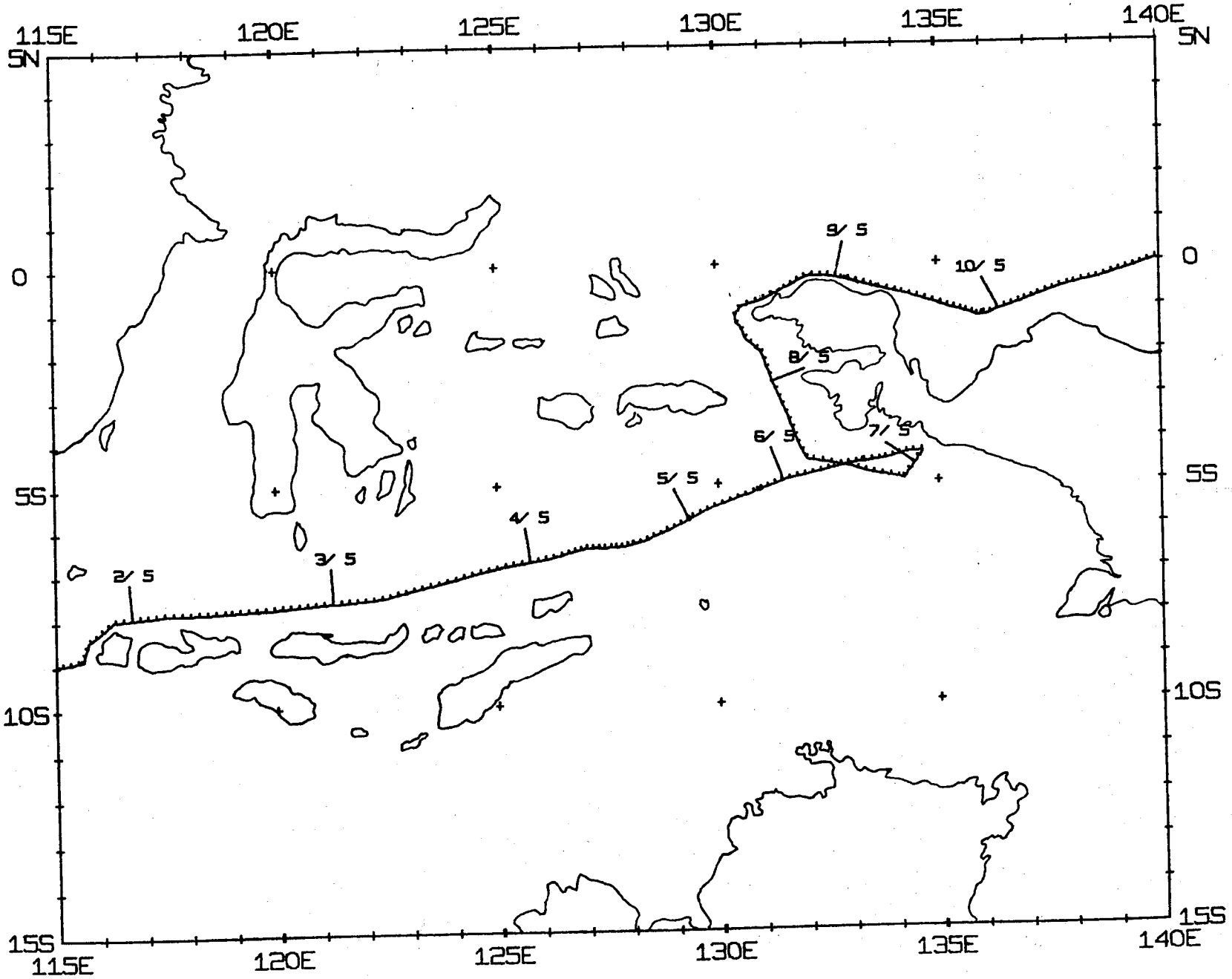
INOP14WT TRACK PLOT (1 OF 5)

MERCATOR PROJECTION, SCALE= 0.312 IN/DEG LONGITUDE



INDP14WT TRACK PLOT (OF 5)

MERCATOR PROJECTION, SCALE= 0.312 IN/DEG LONGITUDE



INDP14WT TRACK PLOT 3 OF 5)

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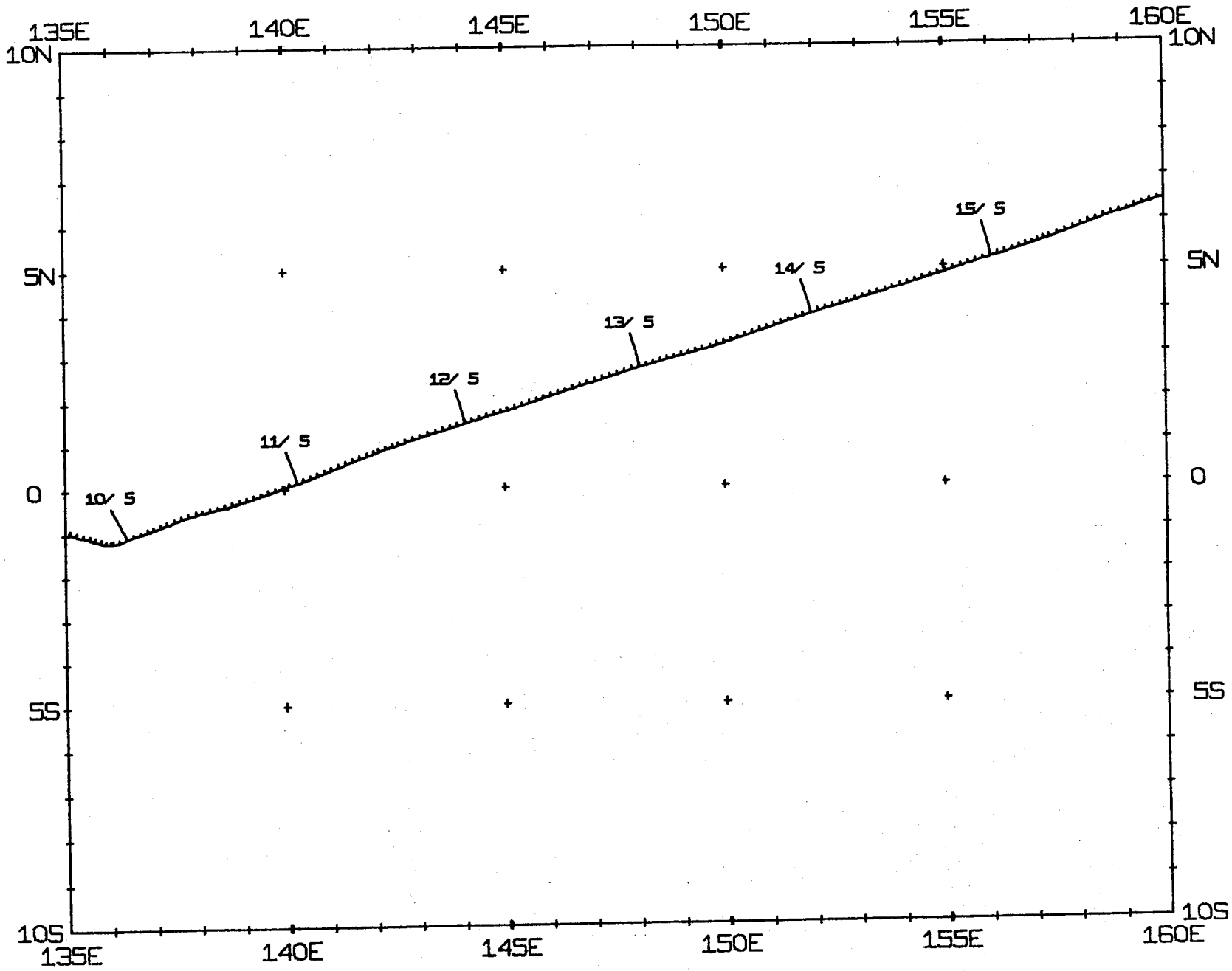

INOP14WT TRACK PLOT .4 OF 5)

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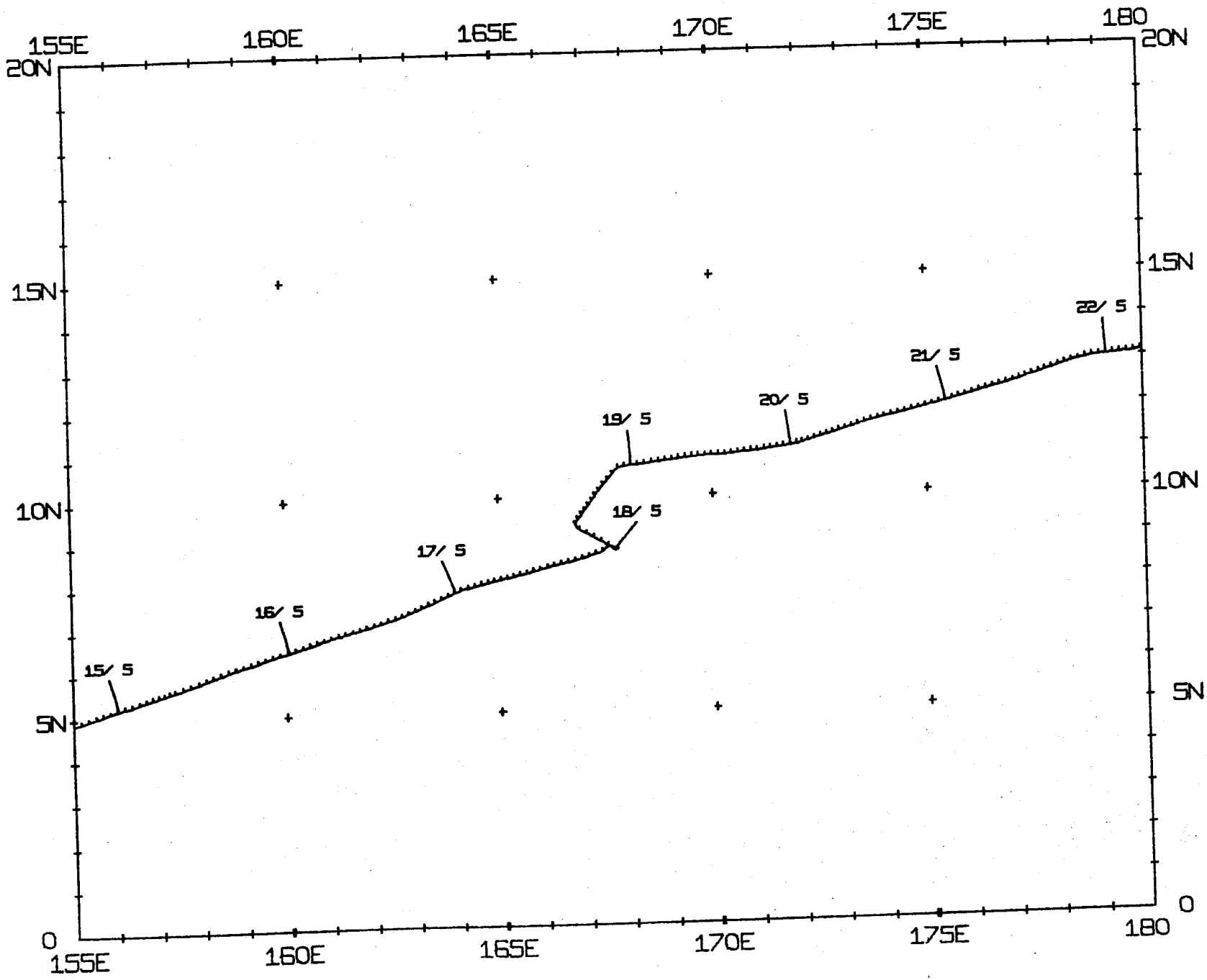

INOP14WT TRACK PLOT (5 OF 5)

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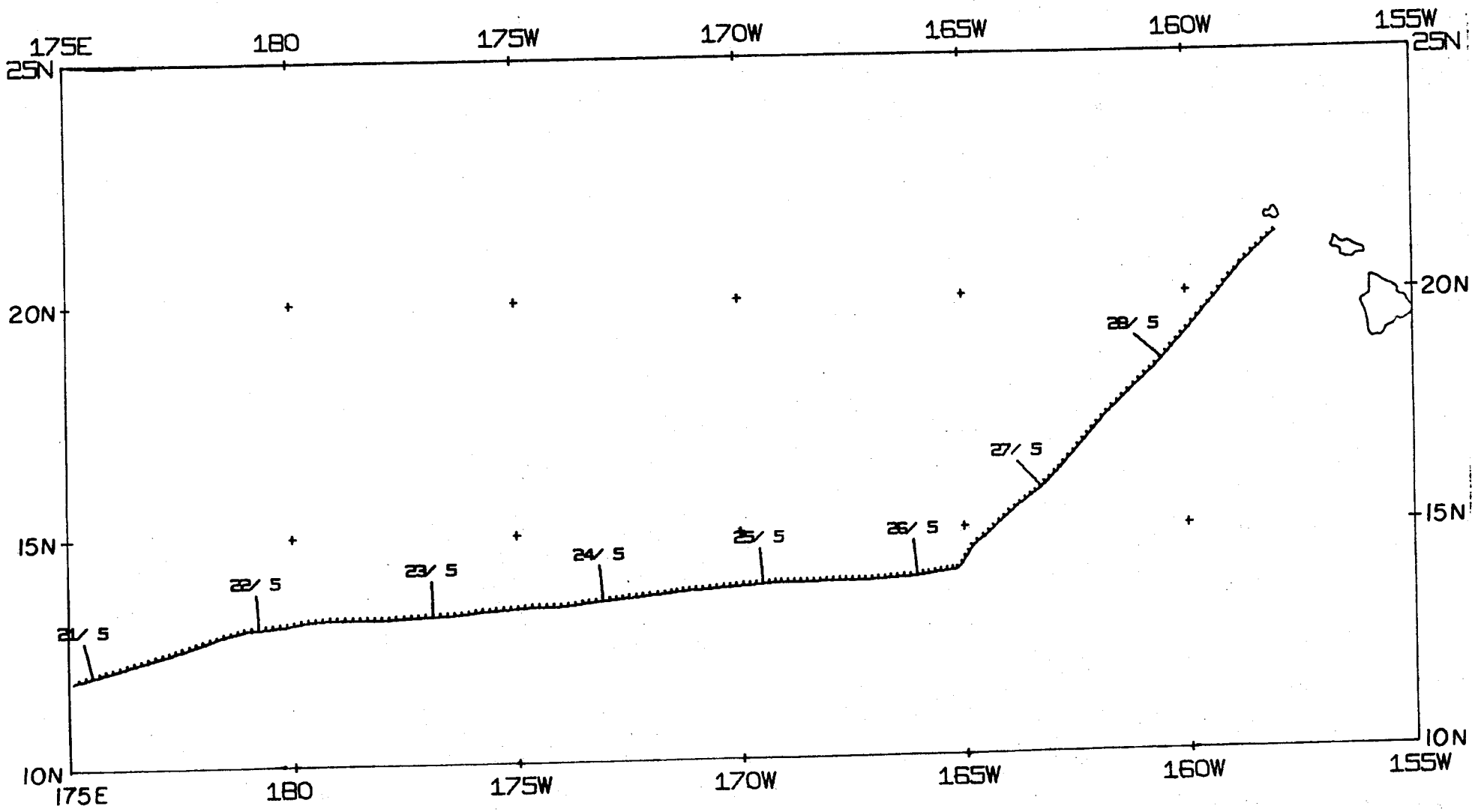

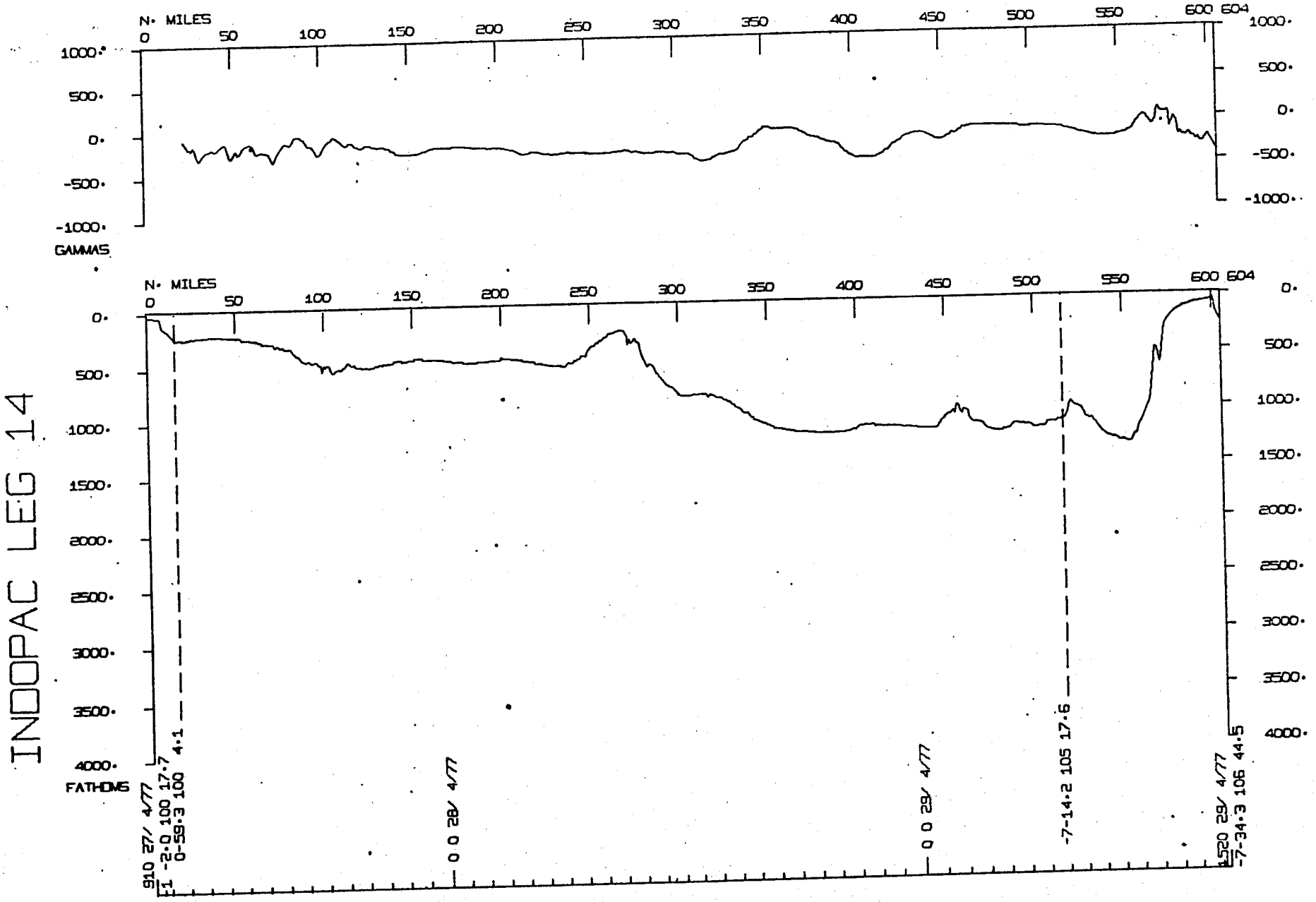
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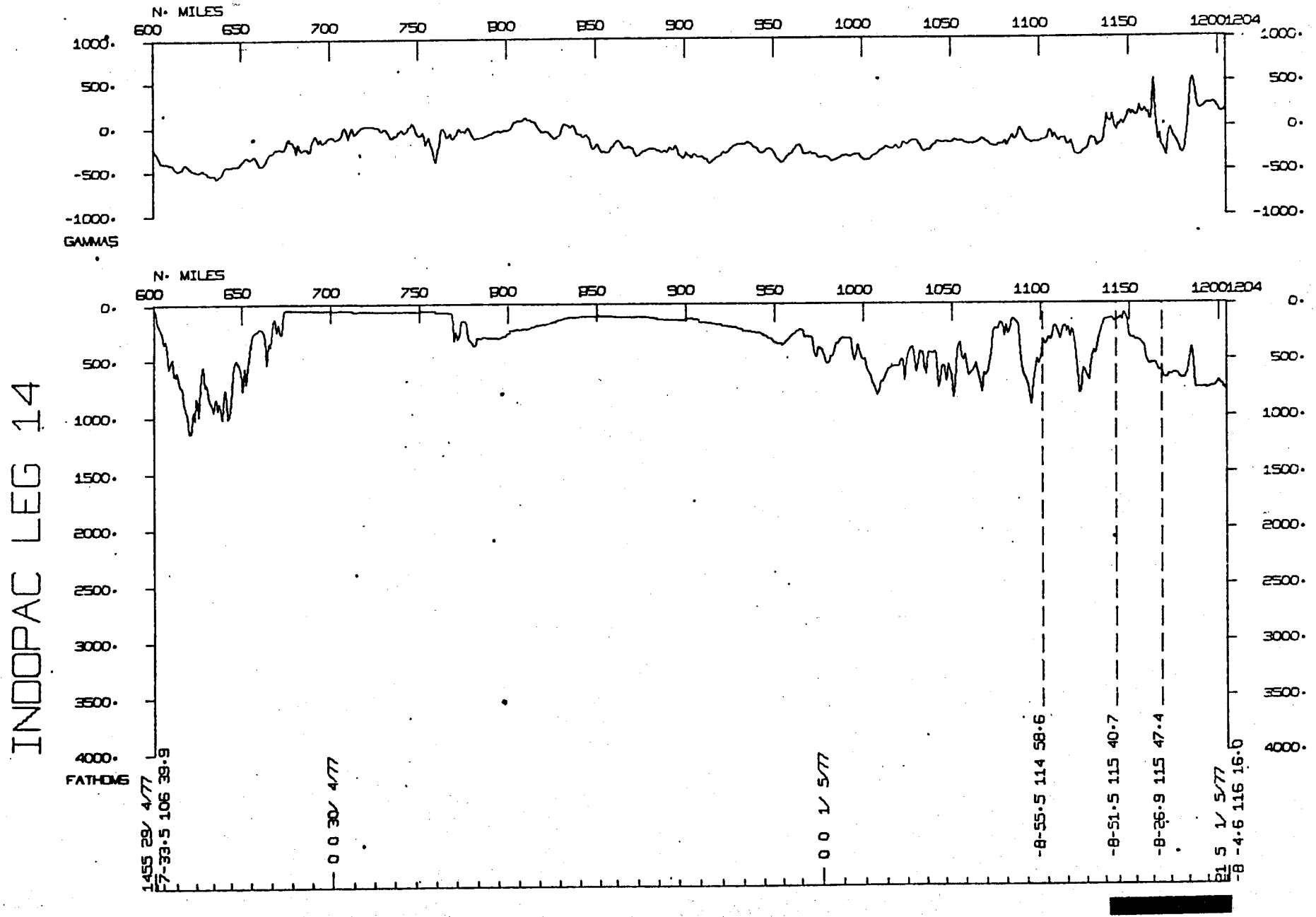
1000. 500. 0. -500. -1000.
GAMMAS
N. MILES
0 50 100 150 200 250 300 350 400 450 500 550 600 604
0. 500. 1000. 1500. 2000. 2500. 3000. 3500. 4000.
FATHOMS
910 27/ 4/77
1 -2·0 100 17·7
0-59·3 100 4·1
0 0 28/ 4/77
0 0 29/ 4/77
-7-14·2 105 17·6
520 29/ 4/77
-7-34·3 106 44·5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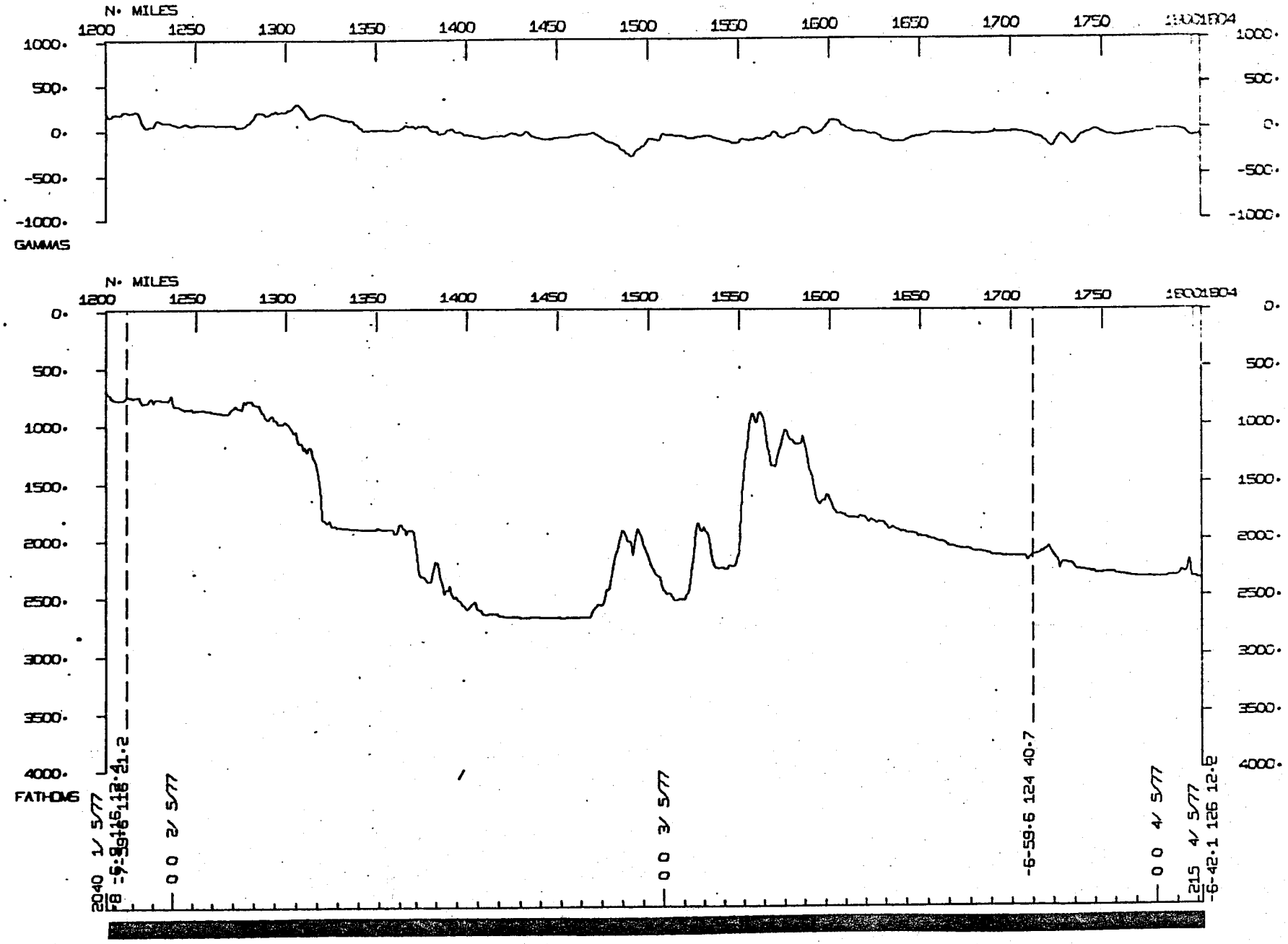
GAMMAS
N. MILES
600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200 1204
0. 500. 1000. 1500. 2000. 2500. 3000. 3500. 4000.
FATHOMS
1455 29/ 4/77
7-33.5 106 39.9
0 0 30/ 4/77
0 0 1/ 5/77
-8-55.5 114 58.6
-8-51.5 115 40.7
-8-26.9 115 47.4
1 5 1/ 5/77
-8 -4.6 116 16.0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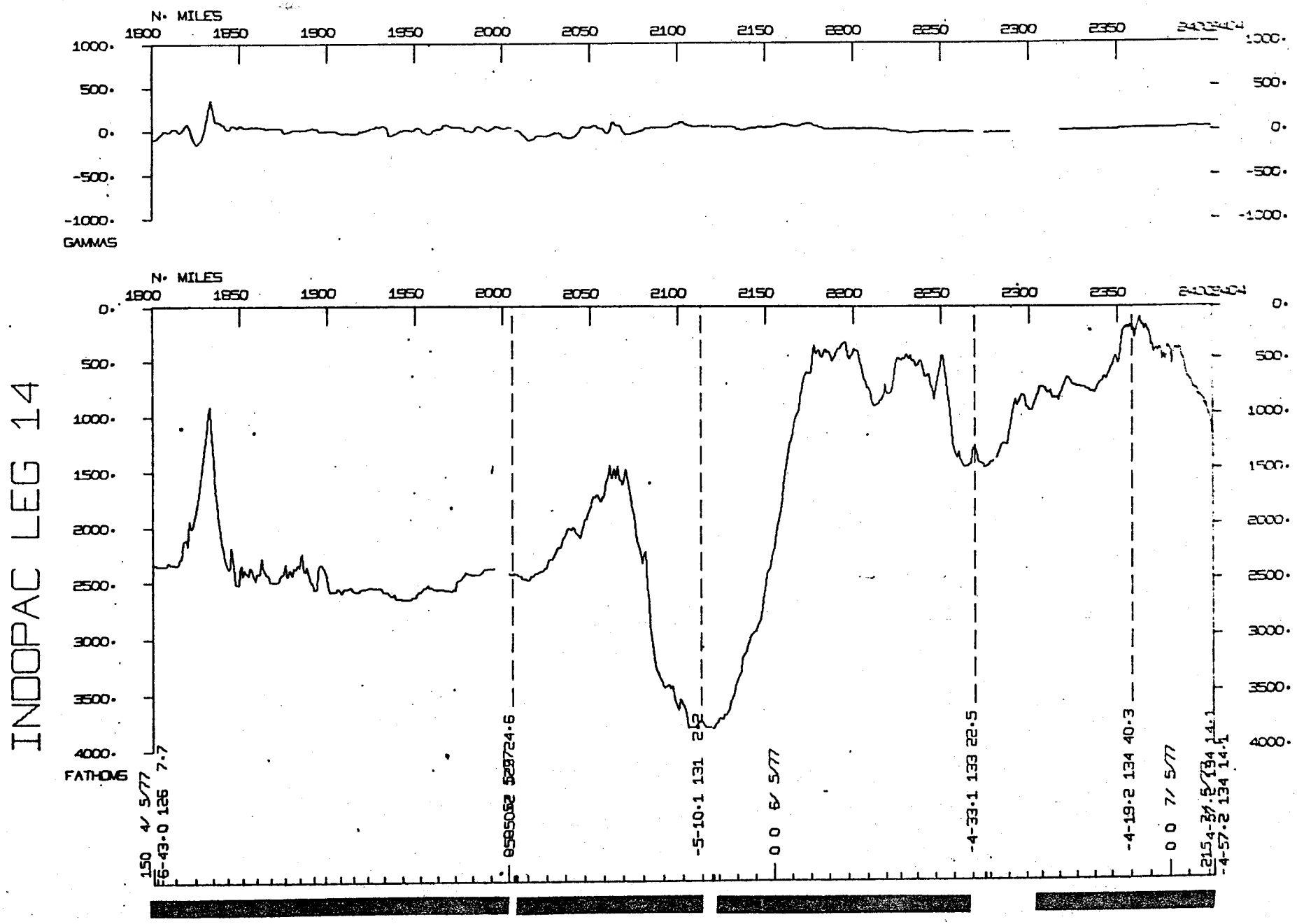
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800 1804
1000.
500.
0.
-500.
-1000.
GAMMAS
N. MILES
1200
1250
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800 1804
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
FATHOMS
2040 1/ 5/77
FB -6-39.6 115 21.2
0 0 2/ 5/77
0 0 3/ 5/77
-6-59.6 124 40.7
0 0 4/ 5/77
215 4/ 5/77
-6-42.1 126 12.2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1850
1900
1950
2000
2050
2100
2150
2200
2250
2300
2350
1000.
500.
0.
-500.
-1000.
GAMMAS
N. MILES
FATHOMS
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-4-33.1 133 22.5
-4-19.2 134 40.3
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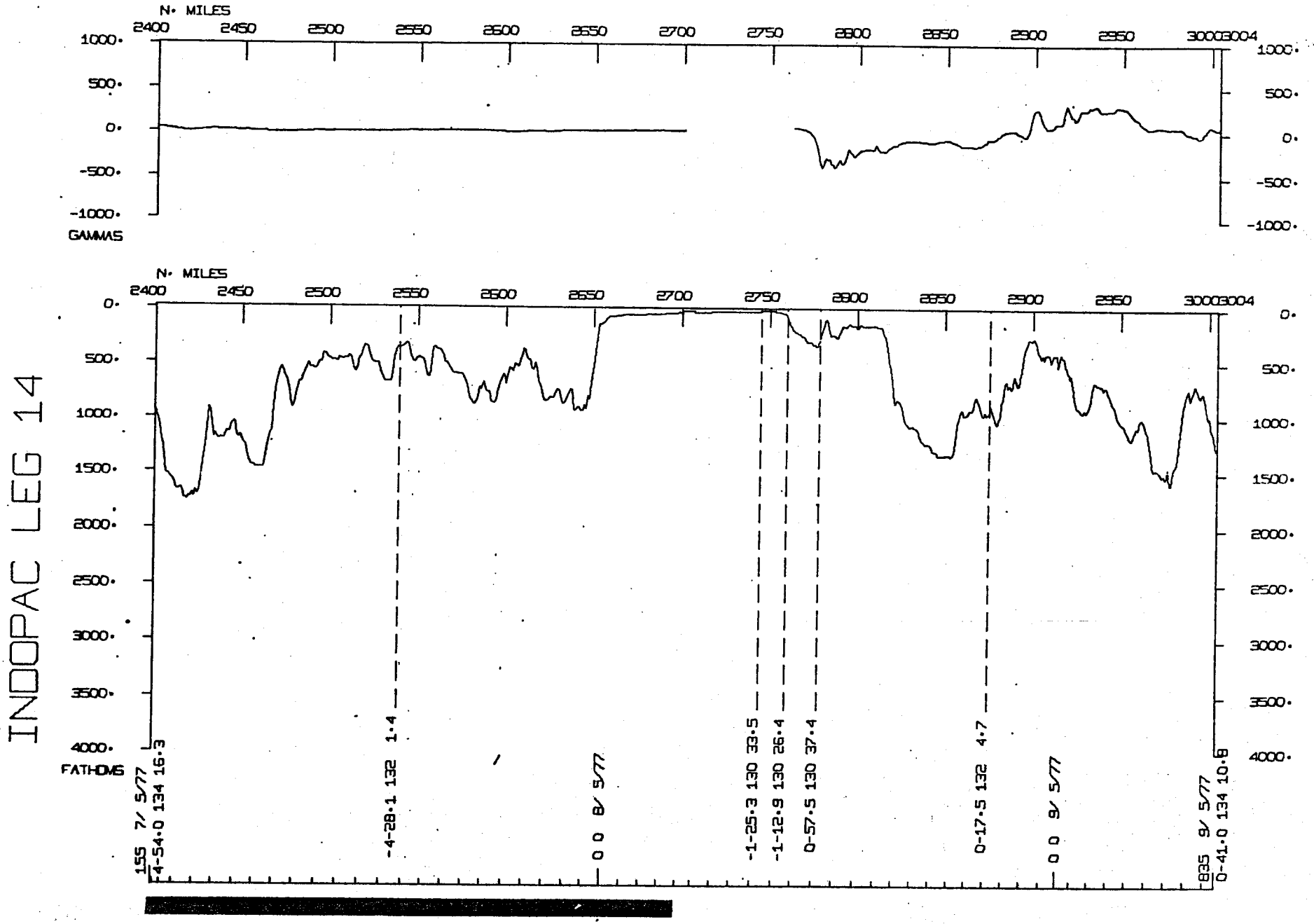
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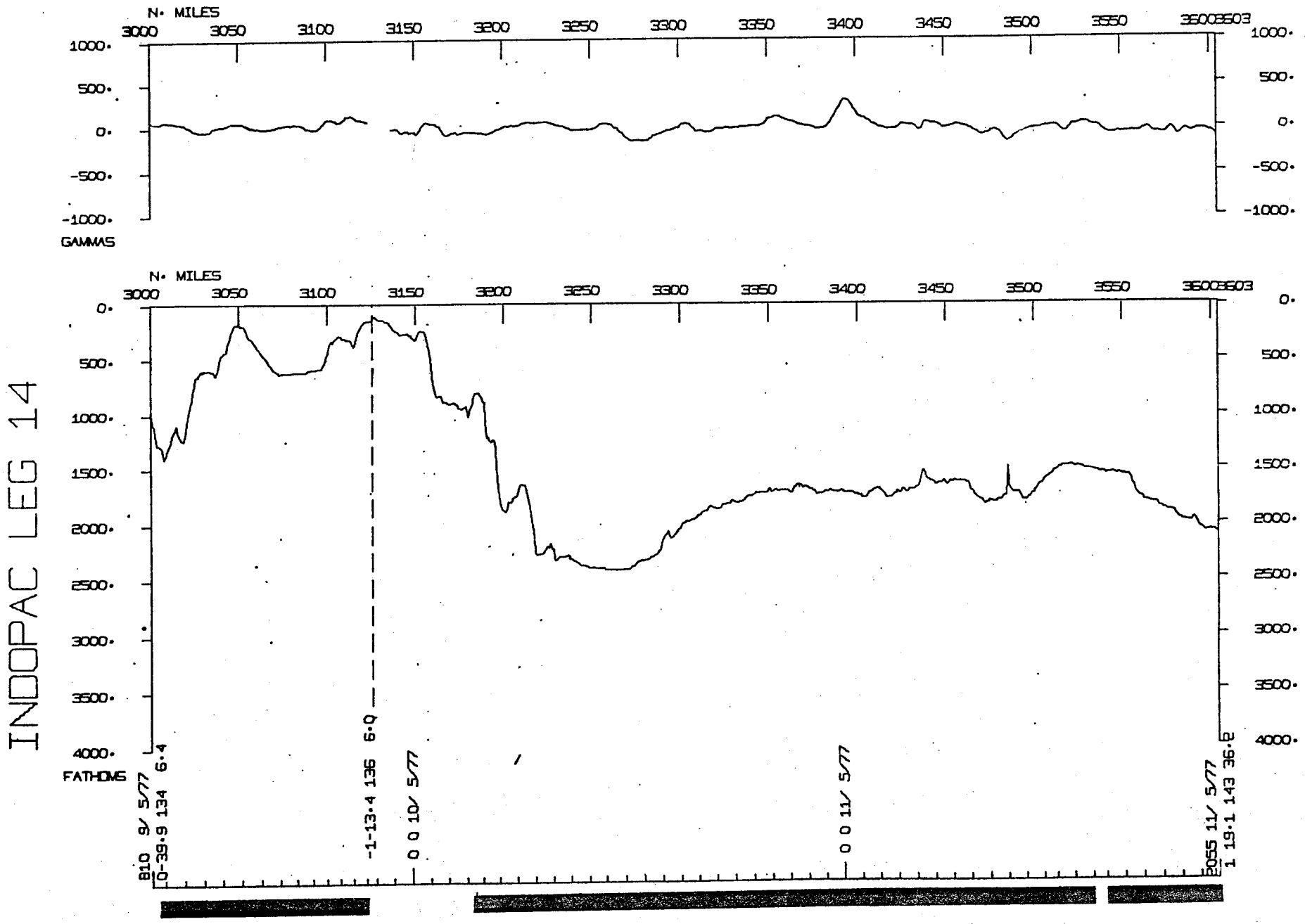
GAMMAS
N. MILES
2400 2450 2500 2550 2600 2650 2700 2750 2800 2850 2900 2950 3000 3004
0. 500. 1000. 1500. 2000. 2500. 3000. 3500. 4000.
FATHOMS
155 7/ 5/77
4-54.0 134 16.3
-4-28.1 132 1.4
0 0 8/ 5/77
-1-25.3 130 33.5
-1-12.9 130 26.4
0-57.5 130 37.4
0-17.5 132 4.7
0 0 9/ 5/77
835 9/ 5/77
0-41.0 134 10.8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3050
3100
3150
3200
3250
3300
3350
3400
3450
3500
3550
3600
3603
1000.
500.
0.
-500.
-1000.
GAMMAS
N. MILES
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
FATHOMS
810 9/ 5/77
0-39.9 134 6.4
-1-13.4 136 6.0
0 0 10/ 5/77
0 0 11/ 5/77
2055 11/ 5/77
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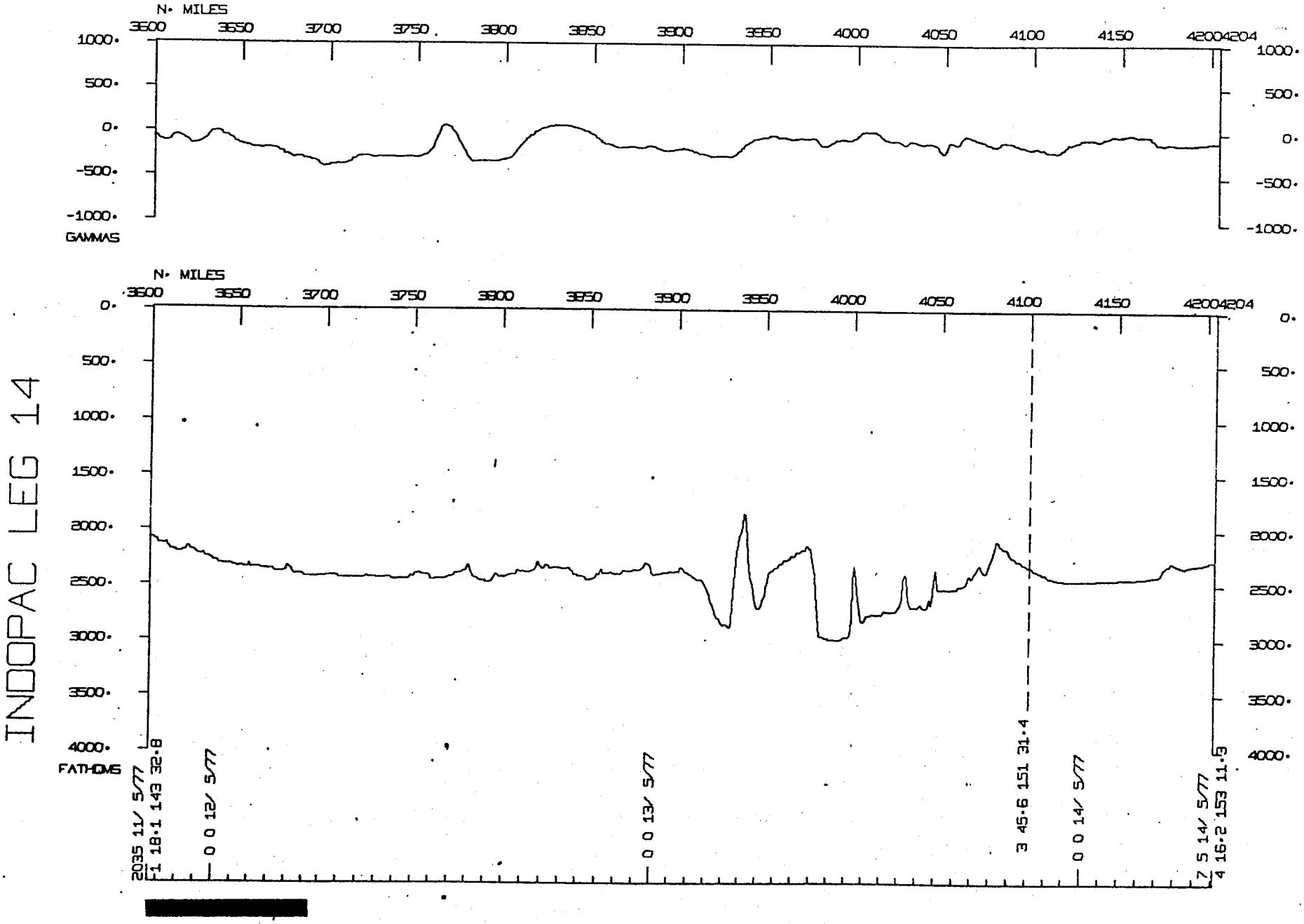
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500.
0.
-500.
-1000.
GAMMAS
N. MILES
3600 3650 3700 3750 3800 3850 3900 3950 4000 4050 4100 4150 42004204
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
FATHOMS
2035 11/ 5/77
1 18.1 143 32.8
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0 0 13/ 5/77
3 45.6 151 31.4
0 0 14/ 5/77
7 5 14/ 5/77
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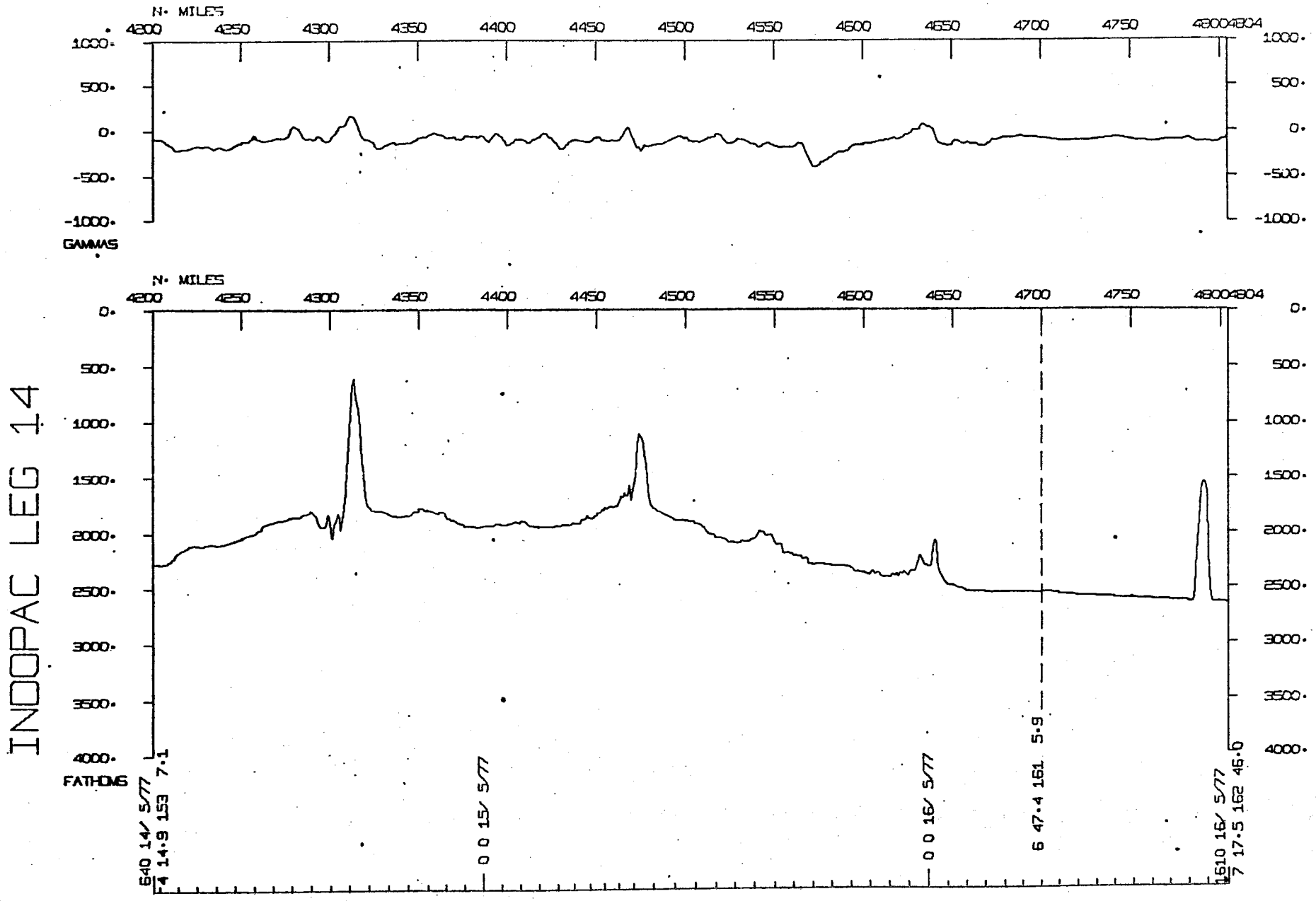
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N. MILES
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1000. 500. 0. -500. -1000.
GAMMAS
N. MILES
4200 4250 4300 4350 4400 4450 4500 4550 4600 4650 4700 4750 48004804
0. 500. 1000. 1500. 2000. 2500. 3000. 3500. 4000.
FATHOMS
640 14/ 5/77
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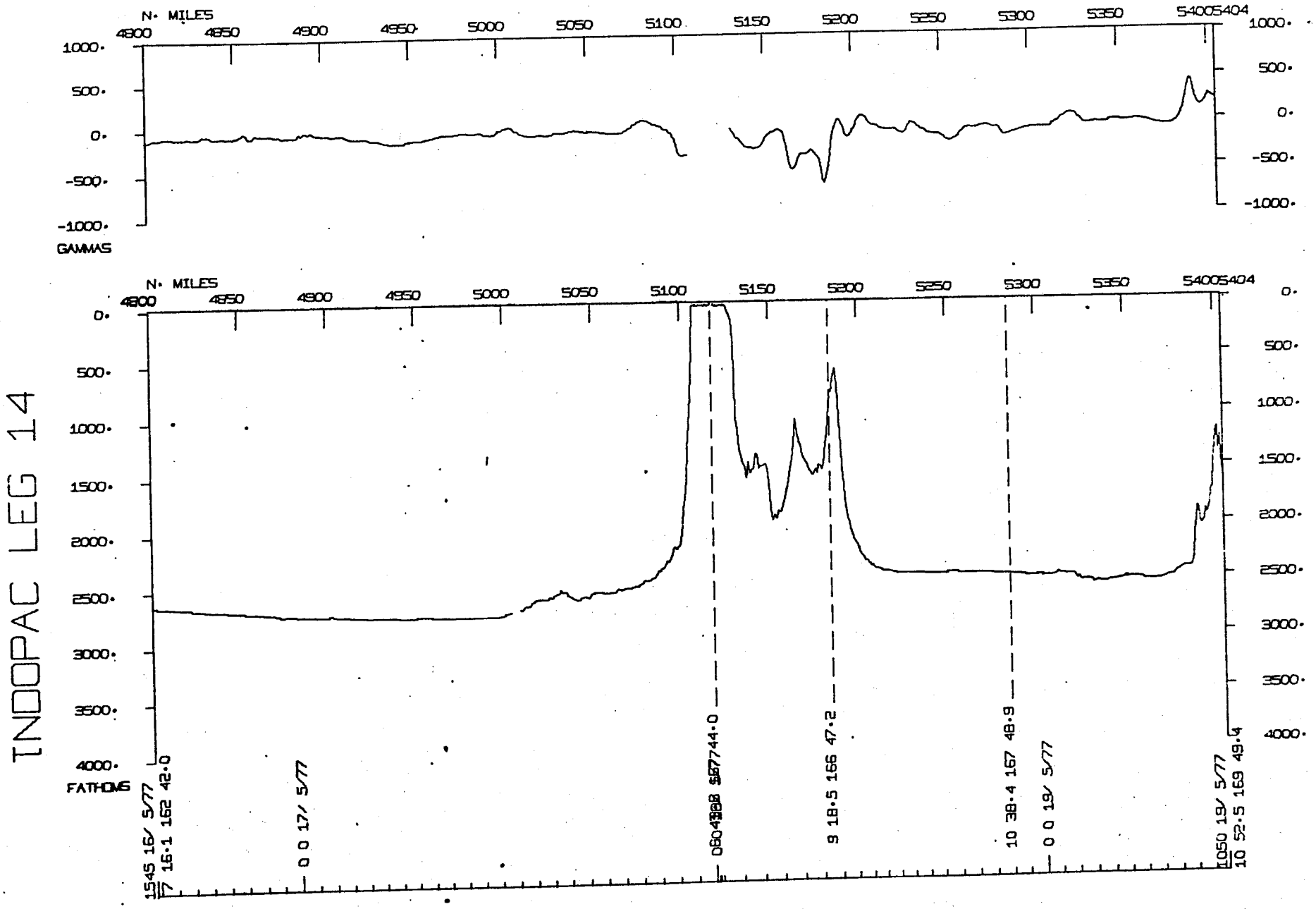
0 0 15/ 5/77
0 0 16/ 5/77
6 47.4 161 5.9
1610 16/ 5/77
7 17.5 162 46.0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N. MILES
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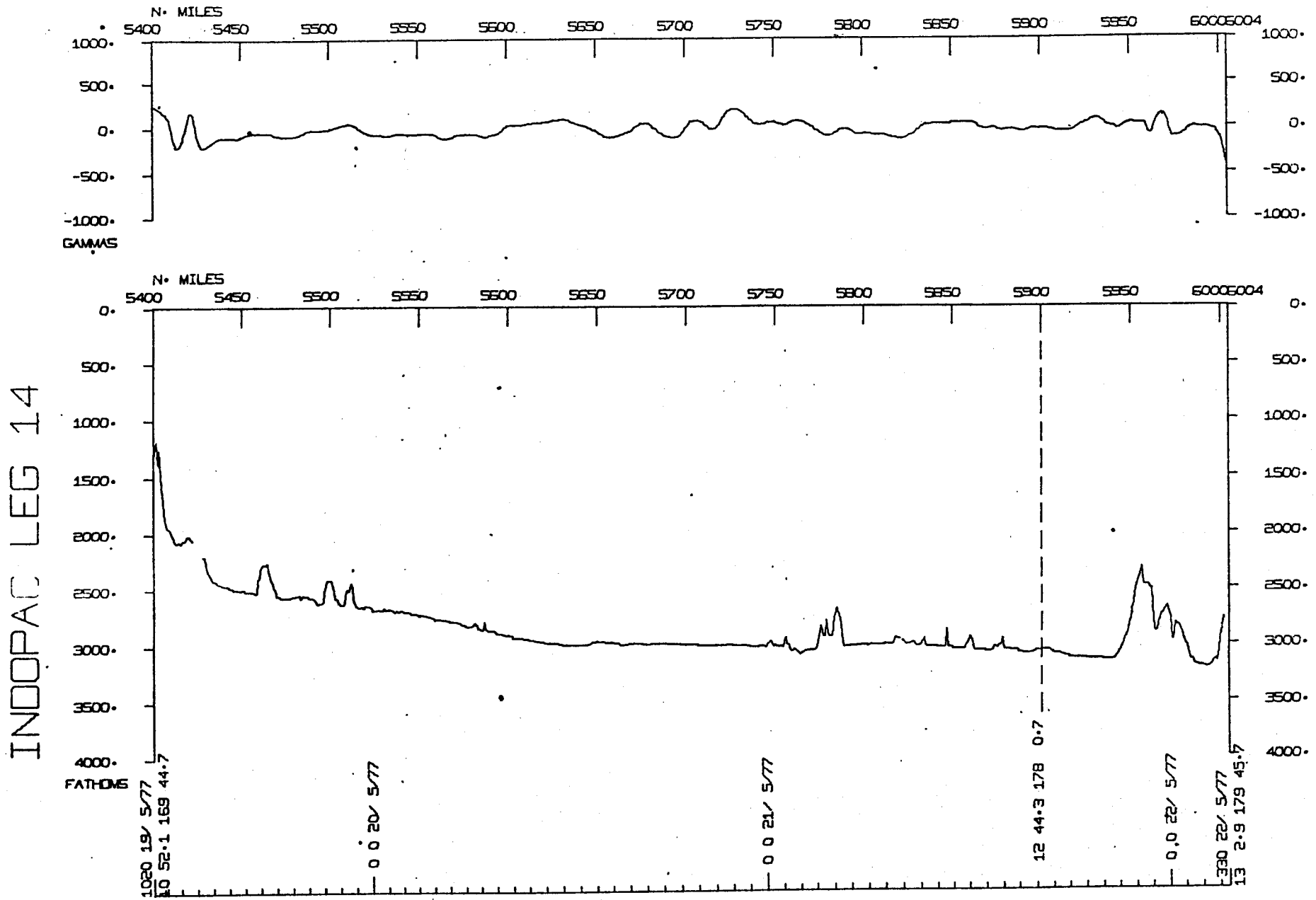
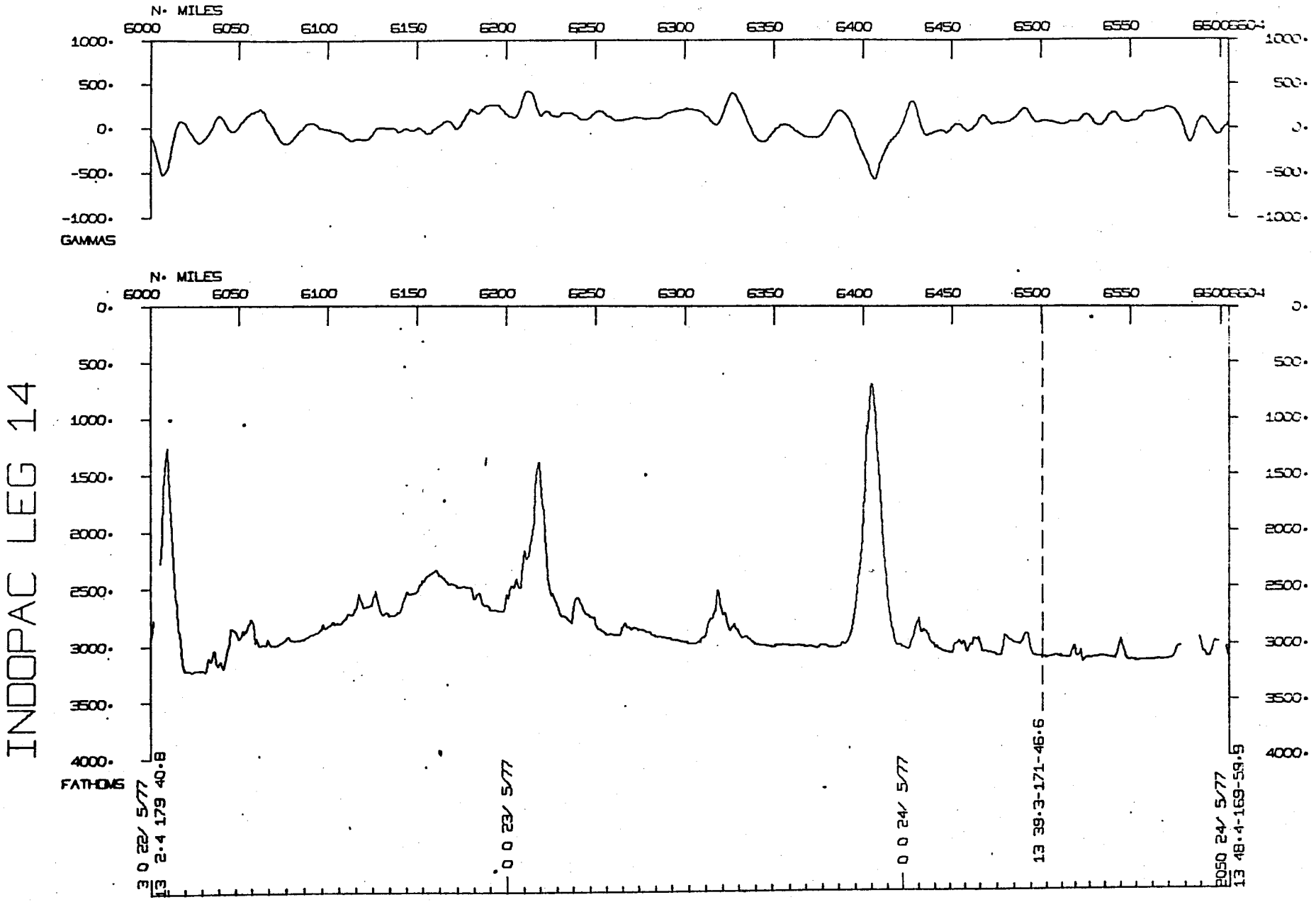
1000. 500. 0. -500. -1000.
GAMMAS
N. MILES
4800 4850 4900 4950 5000 5050 5100 5150 5200 5250 5300 5350 54005404
0. 500. 1000. 1500. 2000. 2500. 3000. 3500. 4000.
FATHOMS
1545 16/ 5/77
7 16·1 162 42·0
0 0 17/ 5/77
9 18·5 166 47·2
10 38·4 167 48·9
0 0 19/ 5/77
10 52·5 169 49·4



INDOPAC LEG 14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GAMMAS
N. MILES
6000 6050 6100 6150 6200 6250 6300 6350 6400 6450 6500 6550 6600
0. 500. 1000. 1500. 2000. 2500. 3000. 3500. 4000.
FATHOMS
13 2.4 179 40.8 3 0 22/ 5/77
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2050 24/ 5/77
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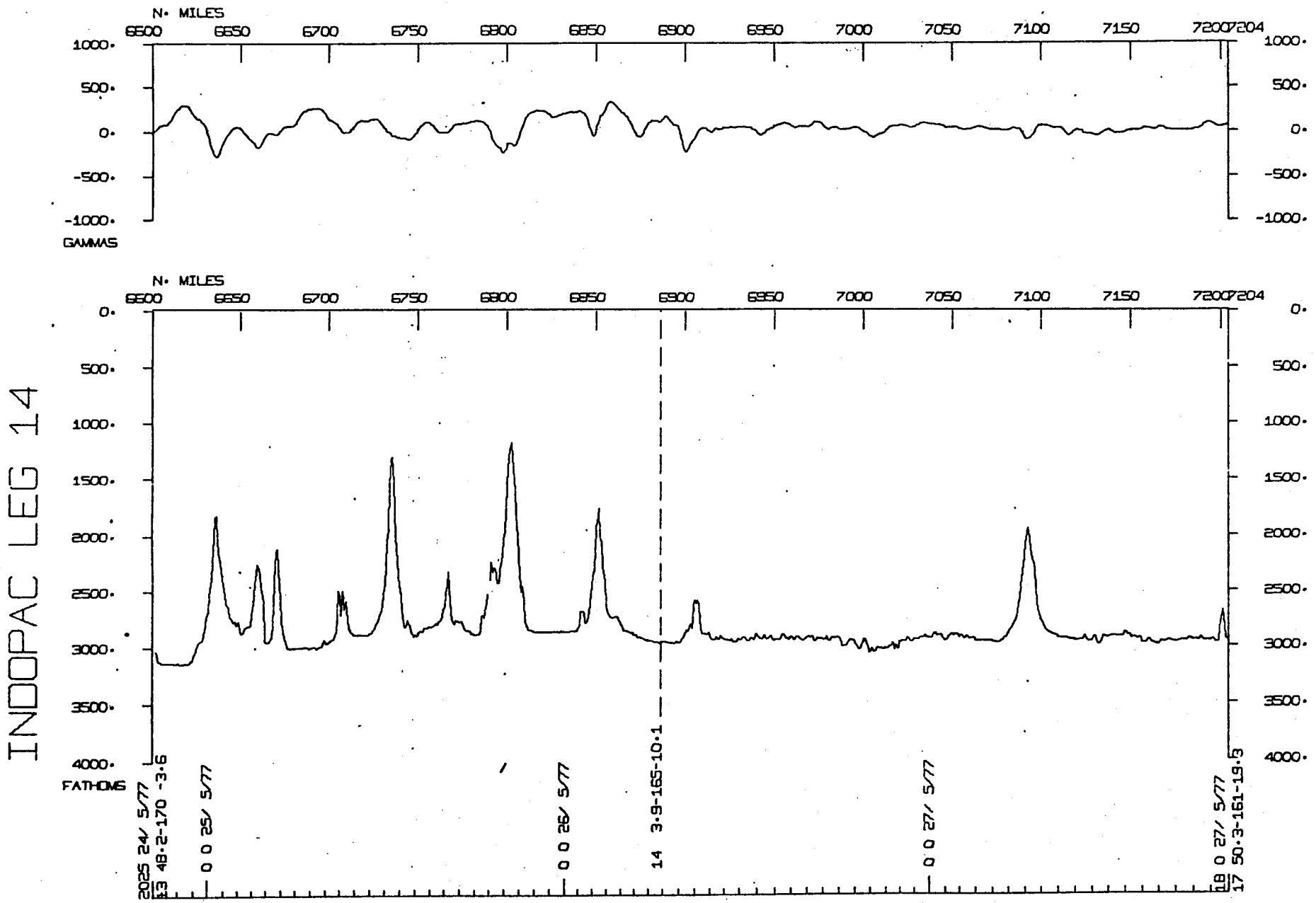
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GAMMAS
N. MILES
6500 6650 6700 6750 6800 6850 6900 6950 7000 7050 7100 7150 7200 7204
0. 500. 1000. 1500. 2000. 2500. 3000. 3500. 4000.
FATHOMS
2025 24/ 5/77
13 48·2-170 -3·6
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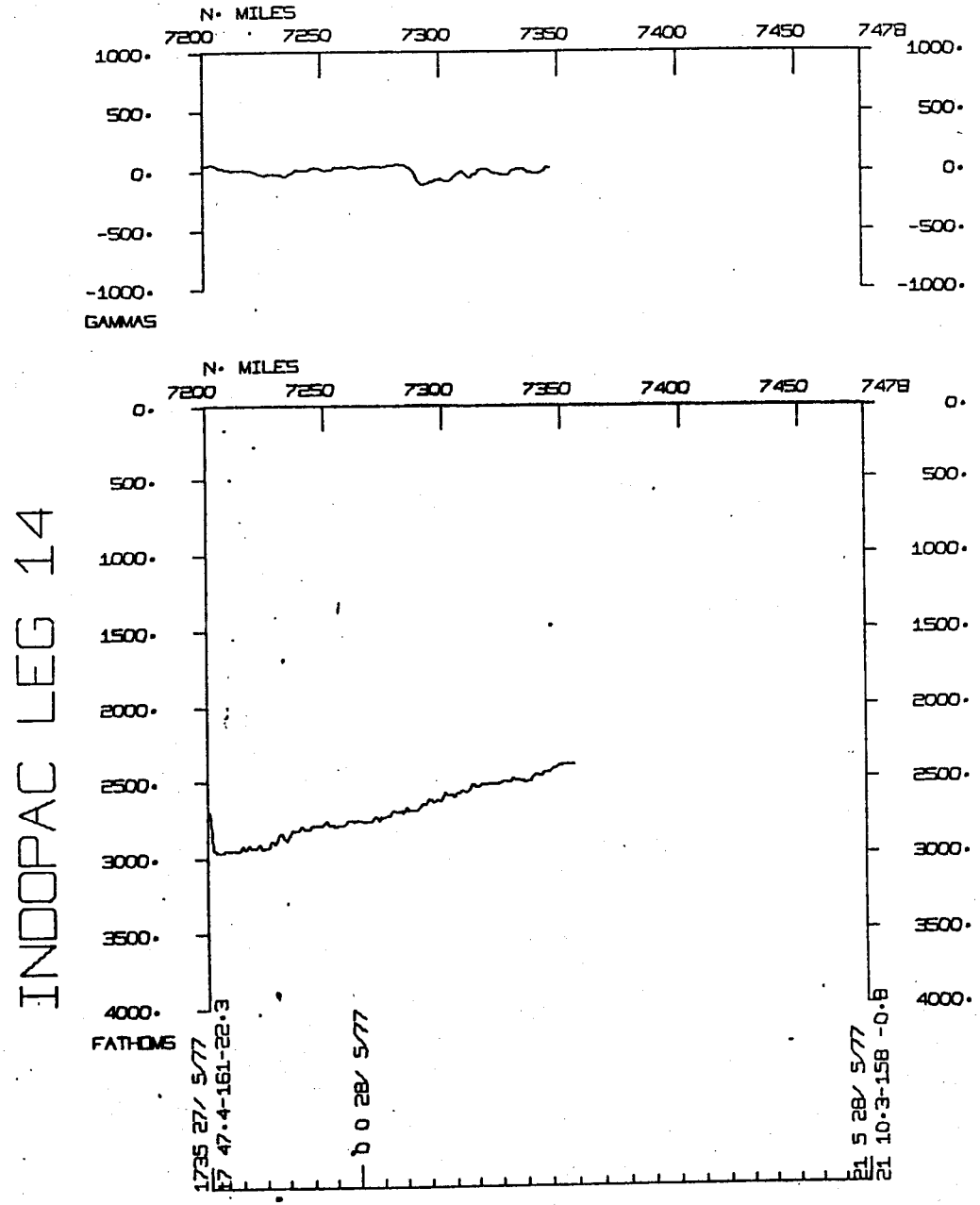
18 0 27/ 5/77
17 50·3-161-19·3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N. MILES
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500.
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-1000.
GAMMAS
N. MILES
7200
7250
7300
7350
7400
7450
7478
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
FATHOMS
1735 27/ 5/77
17 47.4-161-22.3
0 0 28/ 5/77
21 5 28/ 5/77
21 10.3-158 -0.8

S.I.O. SAMPLE INDEX

(Issued August 10, 1977)

INDOPAC EXPEDITION

LEG 14

Padang, Sumatra (27 April 1977)
to
Honolulu, Hawaii (28 May 1977)

R/V Thomas Washington

Chief Scientist - G. Shor (Scripps)

Resident Marine Tech - R. Comer

Post-Cruise Processing and Report Preparation
by S.I.O. Geological Data Center
S. Smith, U. Albright, G. Psaropulos and
G. Papadopoulos

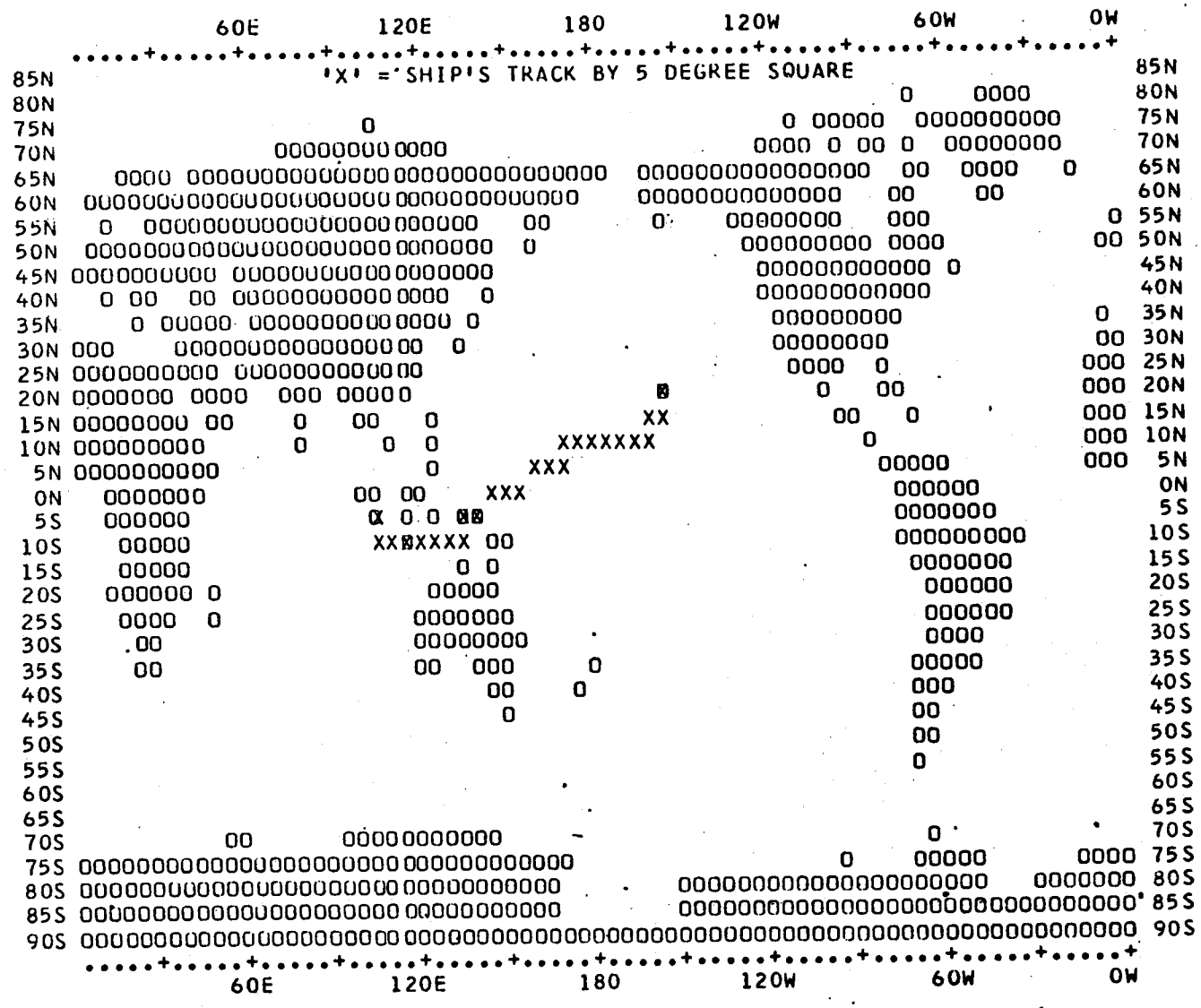
Index Encoding Funded by NSF
Grant Number OCE76-80618
Index Processing and Report Preparation
Funded in Part by SIA

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 Technician and processed onshore 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 cards. 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.)

S.I.O. SAMPLE INDEX GENERATED 10AUG77

*** INDOPAC EXPEDITION LEG 14 (INDP14WT) ***



27APR77 - PADANG, SUMATRA

TO

28MAY77 - HONOLULU, HAWAII

CHIEF SCIENTIST - SHOR, G. MPL

SHIP - R/V THOMAS WASHINGTON (SIO)

PRODUCED BY GEOLOGICAL DATA CENTER, SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CALIFORNIA 92093

NUMBER OF SAMPLES OF CLASS 'TYPE' GOING TO DESTINATION 'DISP'

DISP	TYPE											TOTAL
	BT	CO	DP	GV	LB	MG	NV	PE	SN	SP	SR	
GCR		3										3
GDC			22		3	4	13			2		44
IDO								2				2
LMD				8								8
MIC									12			12
MPL								1			1	2
MTG								1				1
NPX	10											10
SCG								1				1
SGG								1				1
SIO								3				3
TOTAL	10	3	22	8	3	4	13	9	12	2	1	87

SAMPLE 'TYPE' CODES USED ABOVE

BT = BATHYTHERMOGRAM
CO = CORE (SEE ALSO TYPE DH**)
DP = DEPTH
GV = GRAVITY
LB = LOG BOOKS
MG = MAGNETICS (TOWED VEHICLE, SURFACE, TOTAL FIELD)
NV = NAVIGATION
PE = PERSONNEL IN SCIENTIFIC PARTY
SN = SURFACE NET
SP = SEISMIC REFLECTION PROFILE AIRGUN
SR = SEISMIC REFRACTION

SAMPLE 'DISP' CODES USED ABOVE

GCR = GEOLOGICAL CURATING FACILITY -- W. RIEDEL, (EXT. 4386)
GDC = GEOLOGICAL DATA CENTER -- S. SMITH (EXT. 2752)
IDO = INDONESIAN
LMD = LEROY M. DORMAN (EXT. 2406)
MIC = MARINE INVERTEBRATE CURATOR - A.FLEMINGER, (EXT. 2071)
MPL = MARINE PHYSICAL LAB. (EXT 2305)
MTG = MARINE TECHNOLOGY GROUP (EXT 4194)
NPX = NORTH PACIFIC EXPERIMENT (EXT. 3226)
SCG = SHIPBOARD COMPUTER GROUP (EXT. 4195)
SGG = SHIPBOARD GEOPHYSICAL GROUP--P. CRAMPTON (EXT.2079)
SIO = SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CAL. 92093

*** PORTS ***

820 27 477	LGPT B	PADANG, SUMATRA	1 00 S 100 22 E F INDP14WT
2300 28 577	LGPT E	HONOLULU, HAWAII	21 190N 157 525W F INDP14WT
2137 9 577	LGSS B	BIAK, INDONESIA	1 00 S 136 00 E F INDP14WT
2201 9 577	LGSS E	BIAK, INDONESIA	1 00 S 136 00 E F INDP14WT
9 18 577	LGUS B	KWAJALEIN	8 439N 167 440E S INDP14WT
430 18 577	LGUS E	KWAJALEIN	8 439N 167 440E F INDP14WT

PERSONNEL

PECS	SHOR, G.	MPL	INDP14WT
PERT	COMER, R.	MTG	INDP14WT
PECT	CHARTERS, J.	SCG	INDP14WT
PEET	BONGARD, R.	SGG	INDP14WT
PES	CHAO,B.	SIO	INDP14WT
PEXN	DWIYANTO, B.	IDO	INDP14WT
PE	HOLMES, G.	SIO	INDP14WT
PE	SHOR, E.	SIO	INDP14WT
PEXN	SYAIFUDDIN	IDO	INDP14WT

*** NOTE *** TIME ZONES AND MINUTES OF LATITUDE AND LONGITUDE ARE LISTED IN TENTHS (E.G. 10.6 IS LISTED AS 106)

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
					UNDERWAY DATA CURATOR - STUART SMITH (EXT.2752)				
*** LOG BOOKS ***									
820	27 477			LBUW B	UNDERWAY WATCH LOG 1	GDC 1	20S 100	177E S	INDP14WT
610	8 577			LBUW E	UNDERWAY WATCH LOG 1	GDC 1	469S 130	457E S	INDP14WT
610	8 577			LBUW B	UNDERWAY WATCH LOG 2	GDC 1	469S 130	457E S	INDP14WT
615	19 577			LBUW E	UNDERWAY WATCH LOG 2	GDC 10	482N 169	71E S	INDP14WT
620	19 577			LBUW B	UNDERWAY WATCH LOG 3	GDC 10	483N 169	79E S	INDP14WT
900	28 577			LBUW E	UNDERWAY WATCH LOG 3	GDC 19	418N 159	308W S	INDP14WT
*** NAVIGATION PLOTS ***									
1500	27 477			NVBP B	BRIDGE PLOT 1	GDC 1	447S 100	248E S	INDP14WT
1200	30 477			NVBP E	BRIDGE PLOT 1	GDC 8	186S 110	375E S	INDP14WT
1200	30 477			NVBP B	BRIDGE PLOT 2	GDC 8	186S 110	375E S	INDP14WT
755	1 577			NVBP E	BRIDGE PLOT 2	GDC 8	514S 114	259E S	INDP14WT
900	1 577			NVBP B	BRIDGE PLOT 3	GDC 8	526S 114	385E S	INDP14WT
544	2 577			NVBP E	BRIDGE PLOT 3	GDC 7	522S 117	517E S	INDP14WT
640	2 577			NVBP B	BRIDGE PLOT 4	GDC 7	522S 118	28E S	INDP14WT
1524	4 577			NVBP E	BRIDGE PLOT 4	GDC 6	244S 128	35E S	INDP14WT
1634	4 577			NVBP B	BRIDGE PLOT 5	GDC 6	219S 128	130E S	INDP14WT
100	8 577			NVBP E	BRIDGE PLOT 5	GDC 2	311S 131	124E S	INDP14WT
130	8 577			NVBP B	BRIDGE PLOT 6	GDC 2	260S 131	105E S	INDP14WT
519	11 577			NVBP E	BRIDGE PLOT 6	GDC 0	275N 141	86E S	INDP14WT
1012	11 577			NVBP B	BRIDGE PLOT 7	GDC 0	460N 141	556E S	INDP14WT
2000	13 577			NVBP E	BRIDGE PLOT 7	GDC 3	418N 151	198E S	INDP14WT
2238	13 577			NVBP B	BRIDGE PLOT 8	GDC 3	503N 151	459E S	INDP14WT
1200	16 577			NVBP E	BRIDGE PLOT 8	GDC 7	42N 162	51E S	INDP14WT
1200	16 577			NVBP B	BRIDGE PLOT 9	GDC 7	42N 162	51E S	INDP14WT
2238	18 577			NVBP E	BRIDGE PLOT 9	GDC 10	396N 167	547E S	INDP14WT
26	19 577			NVBP B	BRIDGE PLOT 10	GDC 10	416N 168	112E S	INDP14WT
1606	21 577			NVBP E	BRIDGE PLOT 10	GDC 12	436N 177	585E S	INDP14WT
1752	21 577			NVBP B	BRIDGE PLOT 11	GDC 12	489N 178	148E S	INDP14WT
1016	24 577			NVBP E	BRIDGE PLOT 11	GDC 13	410N 171	336W S	INDP14WT

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1016	24 577			NVBP B	BRIDGE PLOT 12	GDC	13 410N	171 336W	S	INDP14WT
454	27 577			NVBP E	BRIDGE PLOT 12	GDC	16 187N	162 467W	S	INDP14WT
1020	27 577			NVBP B	BRIDGE PLOT 13	GDC	16 572N	162 121W	S	INDP14WT
1215	28 577			NVBP E	BRIDGE PLOT 13	GDC	20 87N	159 69W	S	INDP14WT
*** FATHOGRAMS ***										
820	27 477			DPR3 B	3.5KHZ GDR ROLL-01	GDC	1 20S	100 177E	S	INDP14WT
1507	28 477			DPR3 E	3.5KHZ GDR ROLL-01	GDC	5 168S	103 1E	S	INDP14WT
1514	28 477			DPR3 B	3.5KHZ GDR ROLL-02	GDC	5 177S	103 10E	S	INDP14WT
2200	29 477			DPR3 E	3.5KHZ GDR ROLL-02	GDC	7 501S	107 561E	S	INDP14WT
2207	29 477			DPR3 B	3.5KHZ GDR ROLL-03	GDC	7 503S	107 574E	S	INDP14WT
531	2 577			DPR3 E	3.5KHZ GDR ROLL-03	GDC	7 522S	117 492E	S	INDP14WT
537	2 577			DPR3 B	3.5KHZ GDR ROLL-04	GDC	7 522S	117 503E	S	INDP14WT
20	4 577			DPR3 E	3.5KHZ GDR ROLL-04	GDC	6 459S	125 512E	S	INDP14WT
21	4 577			DPR3 B	3.5KHZ GDR ROLL-05	GDC	6 459S	125 514E	S	INDP14WT
1531	4 577			DPR3 E	3.5KHZ GDR ROLL-05	GDC	6 241S	128 44E	S	INDP14WT
1535	4 577			DPR3 B	3.5KHZ GDR ROLL-06	GDC	6 240S	128 49E	S	INDP14WT
2039	4 577			DPR3 E	3.5KHZ GDR ROLL-06	GDC	6 64S	128 517E	S	INDP14WT
2043	4 577			DPR3 B	3.5KHZ GDR ROLL-07	GDC	6 61S	128 523E	S	INDP14WT
1150	6 577			DPR3 E	3.5KHZ GDR ROLL-07	GDC	4 337S	133 183E	S	INDP14WT
1200	6 577			DPR3 B	3.5KHZ GDR ROLL-08	GDC	4 338S	133 180E	S	INDP14WT
2100	7 577			DPR3 E	3.5KHZ GDR ROLL-08	GDC	3 118S	131 293E	S	INDP14WT
2113	7 577			DPR3 B	3.5KHZ GDR ROLL-09	GDC	3 95S	131 283E	S	INDP14WT
1403	9 577			DPR3 E	3.5KHZ GDR ROLL-09	GDC	0 580S	135 63E	S	INDP14WT
1406	9 577			DPR3 B	3.5KHZ GDR ROLL-10	GDC	0 582S	135 68E	S	INDP14WT
2034	10 577			DPR3 E	3.5KHZ GDR ROLL-10	GDC	0 37S	139 446E	S	INDP14WT
2053	10 577			DPR3 B	3.5KHZ GDR ROLL-11	GDC	0 28S	139 471E	S	INDP14WT
2250	12 577			DPR3 E	3.5KHZ GDR ROLL-11	GDC	2 399N	147 537E	S	INDP14WT
2255	12 577			DPR3 B	3.5KHZ GDR ROLL-12	GDC	2 401N	147 546E	S	INDP14WT
755	16 577			DPR3 E	3.5KHZ GDR ROLL-12	GDC	6 525N	161 242E	S	INDP14WT
800	16 577			DPR3 B	3.5KHZ GDR ROLL-13	GDC	6 527N	161 250E	S	INDP14WT
9	18 577			DPR3 E	3.5KHZ GDR ROLL-13	GDC	8 439N	167 440E	S	INDP14WT
428	18 577			DPR3 B	3.5KHZ GDR ROLL-14	GDC	8 441N	167 428E	S	INDP14WT
1316	19 577			DPR3 E	3.5KHZ GDR ROLL-14	GDC	10 531N	170 120E	S	INDP14WT

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1322	19 577			DPR3 B	3.5KHZ GDR ROLL-15	GDC 10	531N	170 129E	S	INDP14WT
1530	22 577			DPR3 E	3.5KHZ GDR ROLL-15	GDC 13	112N	178 169W	S	INDP14WT
1537	22 577			DPR3 B	3.5KHZ GDR ROLL-16	GDC 13	112N	178 159W	S	INDP14WT
1611	24 577			DPR3 E	3.5KHZ GDR ROLL-16	GDC 13	454N	170 420W	S	INDP14WT
1612	24 577			DPR3 B	3.5KHZ GDR ROLL-17	GDC 13	454N	170 419W	S	INDP14WT
1437	26 577			DPR3 E	3.5KHZ GDR ROLL-17	GDC 14	552N	164 233W	S	INDP14WT
1443	26 577			DPR3 B	3.5KHZ GDR ROLL-18	GDC 14	558N	164 227W	S	INDP14WT
900	28 577			DPR3 E	3.5KHZ GDR ROLL-18	GDC 19	418N	159 308W	S	INDP14WT
145	22 577			DPRT B	GDR 12KHZ ROLL-01	GDC 13	12N	179 286E	S	INDP14WT
722	22 577			DPRT E	GDR 12KHZ ROLL-01	GDC 13	92N	179 371W	S	INDP14WT
644	24 577			DPRT B	GDR 12KHZ ROLL-02	GDC 13	374N	172 61W	S	INDP14WT
1922	25 577			DPRT E	GDR 12KHZ ROLL-02	GDC 13	540N	166 459W	S	INDP14WT
1930	25 577			DPRT B	GDR 12KHZ ROLL-03	GDC 13	540N	166 447W	S	INDP14WT
400	27 577			DPRT E	GDR 12KHZ ROLL-03	GDC 16	126N	162 521W	S	INDP14WT
406	27 577			DPRT B	GDR 12KHZ ROLL-04	GDC 16	133N	162 515W	S	INDP14WT
124	28 577			DPRT E	GDR 12KHZ ROLL-04	GDC 18	427N	160 253W	S	INDP14WT
*** MAGNETOMETER ***										
1045	27 477			MGR B	MAGNETICS ROLL- 1	GDC 1	9S	100 50E	S	INDP14WT
817	3 577			MGR E	MAGNETICS ROLL- 1	GDC 7	272S	122 516E	S	INDP14WT
824	3 577			MGR B	MAGNETICS ROLL- 2	GDC 7	269S	122 529E	S	INDP14WT
1230	15 577			MGR E	MAGNETICS ROLL- 2	GDC 5	491N	158 46E	S	INDP14WT
1239	15 577			MGR B	MAGNETICS ROLL- 3	GDC 5	496N	158 62E	S	INDP14WT
1041	27 577			MGR E	MAGNETICS ROLL- 3	GDC 16	597N	162 99W	S	INDP14WT
1047	27 577			MGR B	MAGNETICS ROLL- 4	GDC 17	4N	162 93W	S	INDP14WT
819	28 577			MGR E	MAGNETICS ROLL- 4	GDC 19	361N	159 361W	S	INDP14WT
GRAVIMETRIC RECORDS CURATOR L.M. DORMAN (EXT.2406)										
830	27 477			GVR B	GRAV ANALOGUE R-01	LMD 1	20S	100 177E	S	INDP14WT
910	7 577			GVR E	GRAV ANALOGUE R-01	LMD 4	387S	132 573E	S	INDP14WT
913	7 577			GVR B	GRAV ANALOGUE R-02	LMD 4	386S	132 568E	S	INDP14WT
2009	17 577			GVR E	GRAV ANALOGUE R-02	LMD 8	360N	167 91E	S	INDP14WT

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2020	17 577			GVR	B	GRAV ANALOGUE R-03		LMD	8 366N	167 109E S	INDP14WT
400	28 577			GVR	E	GRAV ANALOGUE R-03		LMD	19 23N	160 66W S	INDP14WT
402	28 577			GVR	B	GRAV ANALOGUE R-04		LMD	19 26N	160 63W S	INDP14WT
2300	28 577			GVR	E	GRAV ANALOGUE R-04		LMD	21 106N	158 4W S	INDP14WT
830	27 477			GVXR	B	GRAV XCOUPLE R-01		LMD	1 20S	100 177E S	INDP14WT
1030	30 477			GVXR	E	GRAV XCOUPLE R-01		LMD	8 157S	110 206E S	INDP14WT
1035	30 477			GVXR	B	GRAV XCOUPLE R-02		LMD	8 159S	110 215E S	INDP14WT
1147	13 577			GVXR	E	GRAV XCOUPLE R-02		LMD	3 148N	149 595E S	INDP14WT
1153	13 577			GVXR	B	GRAV XCOUPLE R-03		LMD	3 151N	150 4E S	INDP14WT
130	27 577			GVXR	E	GRAV XCOUPLE R-03		LMD	15 565N	163 82W S	INDP14WT
135	27 577			GVXR	B	GRAV XCOUPLE R-04		LMD	15 570N	163 77W S	INDP14WT
850	28 577			GVXR	E	GRAV XCOUPLE R-04		LMD	19 405N	159 321W S	INDP14WT
*** SEISMIC REFLECTION PROFILES ***											
1419	1 577			SPRF	B	AIRGUN 2 SEC R-01		GDC	8 527S	115 353E S	INDP14WT
539	12 577			SPRF	E	AIRGUN 2 SEC R-01		GDC	1 456N	145 32E S	INDP14WT
1419	1 577			SPRS	B	AIRGUN 5 SEC R-01		GDC	8 527S	115 353E S	INDP14WT
539	12 577			SPRS	E	AIRGUN 5 SEC R-01		GDC	1 456N	145 32E S	INDP14WT
*** SEISMIC REFRACTION STATION ***											
1212	11 577			SRST	B	REFRACTION STA 14-1		MPL	0 517N	142 105E S	INDP14WT
1420	11 577			SRST	E	REFRACTION STA 14-1		MPL	0 591N	142 328E S	INDP14WT
*** CORES ***											
337	5 577			COP		INDP49 14-1	4586M	GCR	5 499S	129 237E S	INDP14WT
337	5 577			COG		INDP49 14-1	4586M	GCR	5 499S	129 237E S	INDP14WT
1826	5 577			COG	X	INDP50 14-2	7270M	GCR	5 111S	130 576E S	INDP14WT
1249	6 577			COG		INDP51 14-3	2753M	GCR	4 336S	133 179E S	INDP14WT
*** SURFACE NET ***											
1226	28 477			SNNU	B	H 14-01 NEUSTON		MIC	4 565S	102 410E S	INDP14WT
1236	28 477			SNNU	E	H 14-01 NEUSTON		MIC	4 569S	102 415E S	INDP14WT

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1310	29 477			SNNU B	H 14-02 NEUSTON	MIC	7 282S	106 222E	S	INDP14WT
1320	29 477			SNNU E	H 14-02 NEUSTON	MIC	7 283S	106 228E	S	INDP14WT
1308	30 477			SNNU B	H 14-03 NEUSTON	MIC	8 206S	110 502E	S	INDP14WT
1318	30 477			SNNU E	H 14-03 NEUSTON	MIC	8 206S	110 508E	S	INDP14WT
1403	1 577			SNNU B	H 14-04 NEUSTON	MIC	8 528S	115 343E	S	INDP14WT
1413	1 577			SNNU E	H 14-04 NEUSTON	MIC	8 527S	115 349E	S	INDP14WT
1139	2 577			SNNU B	H 14-05 NEUSTON	MIC	7 496S	118 599E	S	INDP14WT
1150	2 577			SNNU E	H 14-05 NEUSTON	MIC	7 495S	119 7E	S	INDP14WT
1215	4 577			SNNU B	H 14-06 NEUSTON	MIC	6 272S	127 394E	S	INDP14WT
1225	4 577			SNNU E	H 14-06 NEUSTON	MIC	6 272S	127 400E	S	INDP14WT
1622	5 577			SNNU B	H 14-07 NEUSTON	MIC	5 111S	130 585E	S	INDP14WT
1634	5 577			SNNU E	H 14-07 NEUSTON	MIC	5 113S	130 577E	S	INDP14WT
1108	6 577			SNNU B	H 14-08 NEUSTON	MIC	4 326S	133 220E	S	INDP14WT
1118	6 577			SNNU E	H 14-08 NEUSTON	MIC	4 326S	133 225E	S	INDP14WT
414	8 577			SNNU B	H 14-09 NEUSTON	MIC	1 599S	131 5E	S	INDP14WT
424	8 577			SNNU E	H 14-09 NEUSTON	MIC	1 596S	131 2E	S	INDP14WT
840	9 577			SNNU B	H 14-10 NEUSTON	MIC	0 412S	134 114E	S	INDP14WT
850	9 577			SNNU E	H 14-10 NEUSTON	MIC	0 413S	134 121E	S	INDP14WT
1118	11 577			SNNU B	H 14-11 NEUSTON	MIC	0 497N	142 57E	S	INDP14WT
1128	11 577			SNNU E	H 14-11 NEUSTON	MIC	0 500N	142 61E	S	INDP14WT
1432	11 577			SNNU B	H 14-12 NEUSTON	MIC	0 596N	142 341E	S	INDP14WT
1442	11 577			SNNU E	H 14-12 NEUSTON	MIC	0 597N	142 344E	S	INDP14WT
*** BATHYTHERMOGRAPH ***										
0	11 577			BTX	NO. SAMPLES 01	NPX	0 78N	140 173E	S	INDP14WT
0	18 577			BTX	NO. SAMPLES 06	NPX	8 444N	167 433E	S	INDP14WT
0	19 577			BTX	NO. SAMPLES 29	NPX	10 413N	168 73E	S	INDP14WT
0	20 577			BTX	NO. SAMPLES 25	NPX	11 37N	171 501E	S	INDP14WT
0	21 577			BTX	NO. SAMPLES 24	NPX	12 9N	175 282E	S	INDP14WT
0	22 577			BTX	NO. SAMPLES 29	NPX	12 600N	179 118E	S	INDP14WT
0	23 577			BTX	NO. SAMPLES 28	NPX	13 141N	176 544W	S	INDP14WT
0	24 577			BTX	NO. SAMPLES 31	NPX	13 313N	173 73W	S	INDP14WT
0	25 577			BTX	NO. SAMPLES 40	NPX	13 502N	169 321W	S	INDP14WT
0	26 577			BTX	NO. SAMPLES 11	NPX	13 564N	166 56W	S	INDP14WT
9900				END	SAMPLE INDEX					INDP14WT