# INFORMAL REPORT AND INDEX OF

# NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

(Issued April 5, 1977)

## INDOPAC EXPEDITION

## LEG 10

Agana, Guam (25 January 1977)
to
Singapore (21 February 1977)

R/V Thomas Washington

Co-Chief Scientists - R. Raitt and E. Silver (UCSC)

Resident Marine Tech - R. Wilson

Post-Cruise Processing and Report Preparation
by SIO Geological Data Center
S. Smith, R. Lingley, G. Psaropulos

Data Collection Funded by NSF
Contract Number OCE76-02036
Data Processing Funded by SIA and ONR

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.

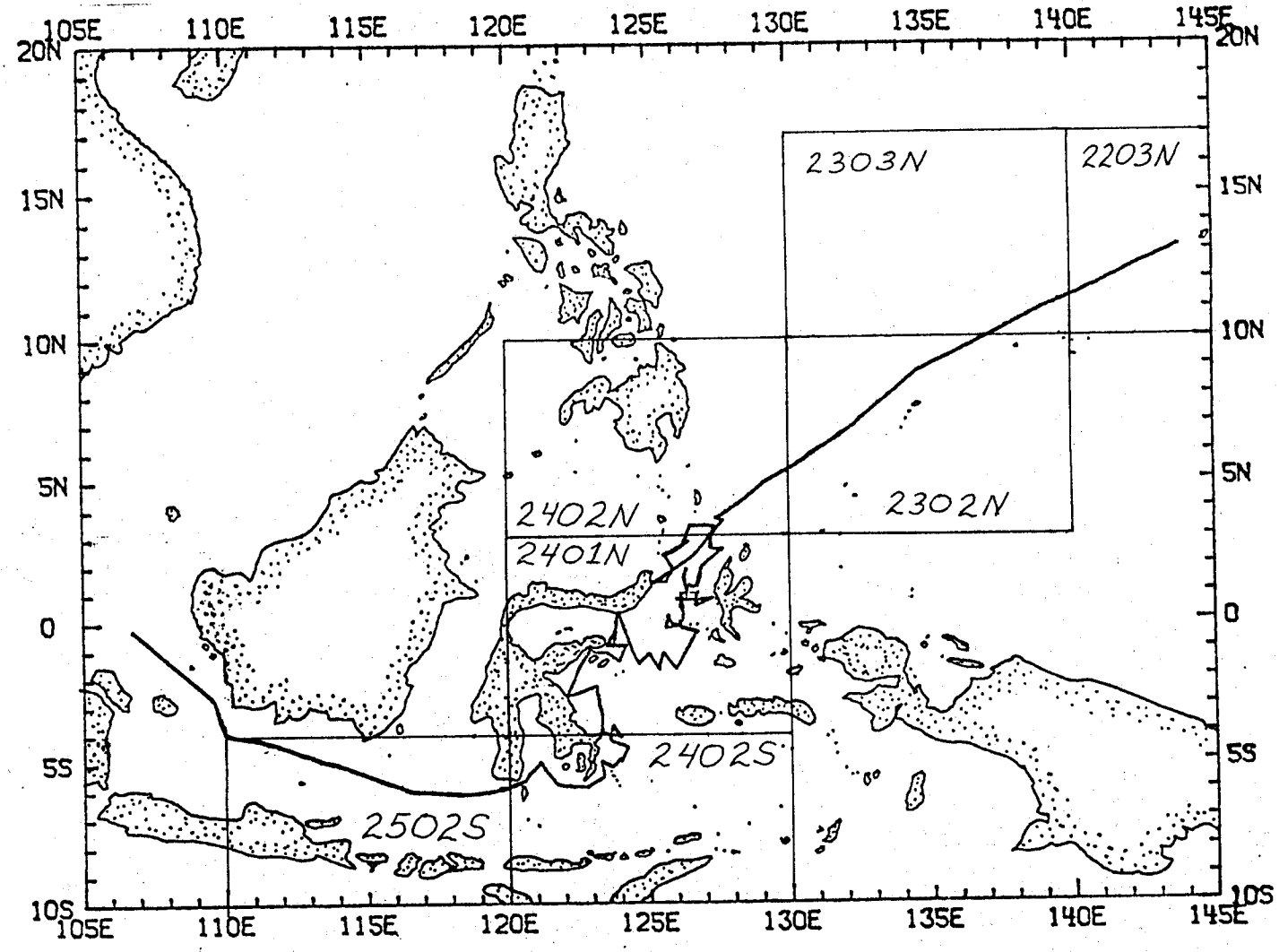
6. Microfilm or Xerox copies of:

   a. Echosounder records - 12 and 3.5 kHz frequency

   b. Subbottom profiler records (airgun)

   c. Magnetometer records

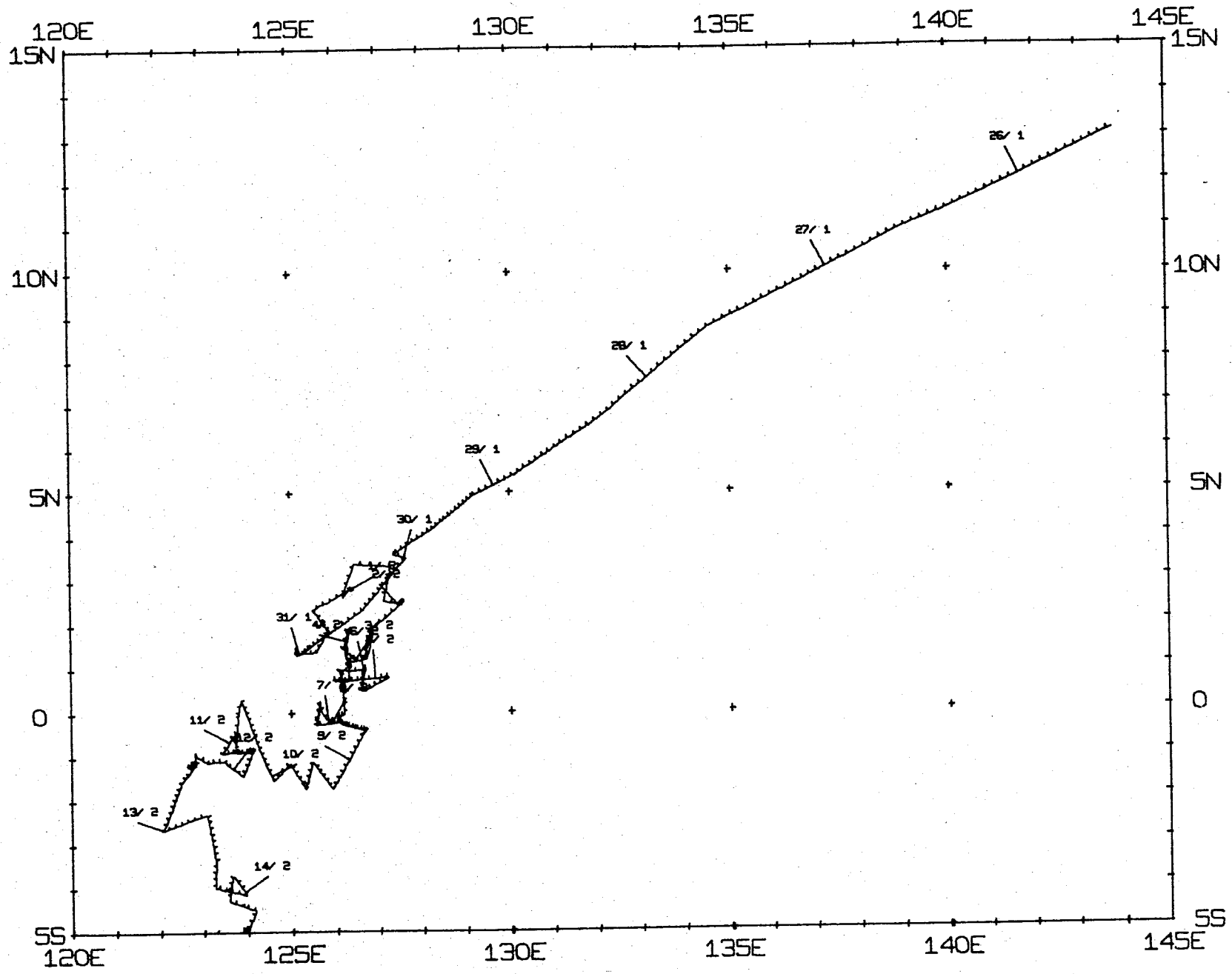
   d. Underway Data Log



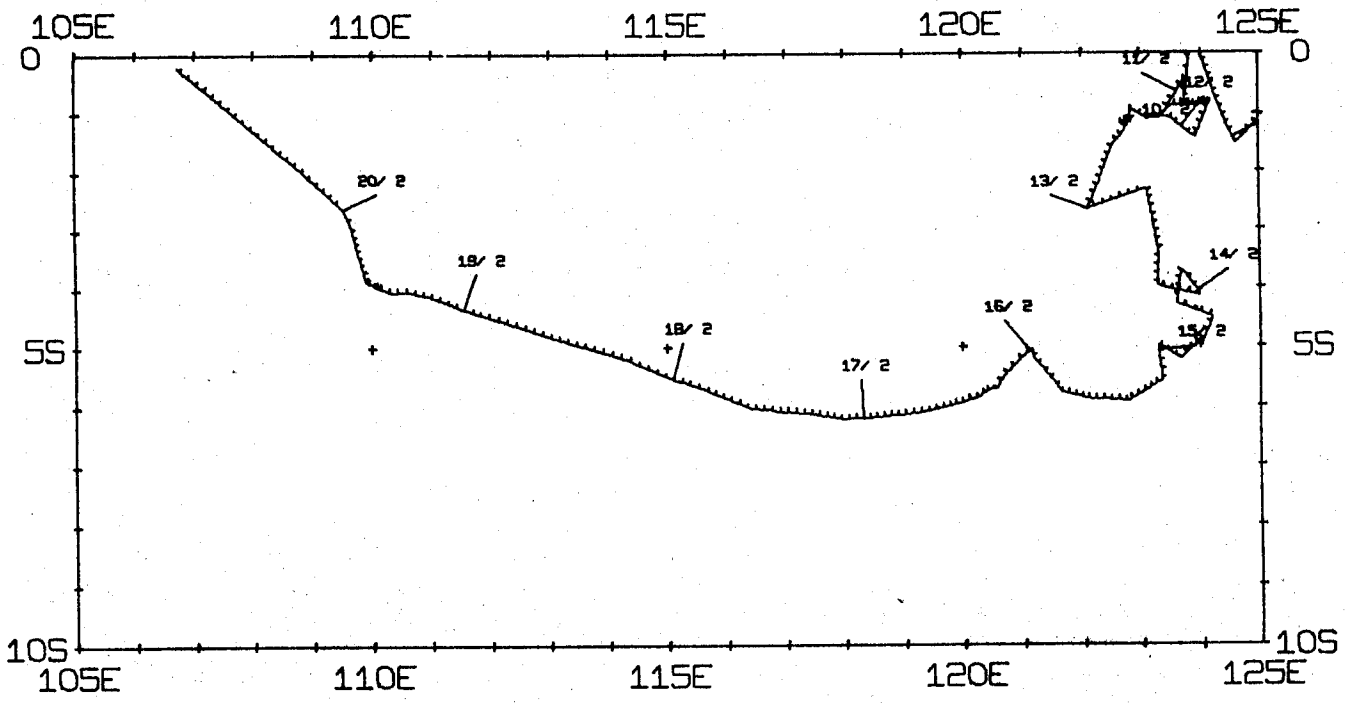

INDOPAC EXPEDITION
LEG 10
R/V Thomas Washington
Co-Chief Scientists: Russell Raitt (SIO)
Eli Silver (UCSC)
Ports: Agana, Guam - Singapore
Dates: 25 January - 21 February 1977

TOTAL MILEAGE

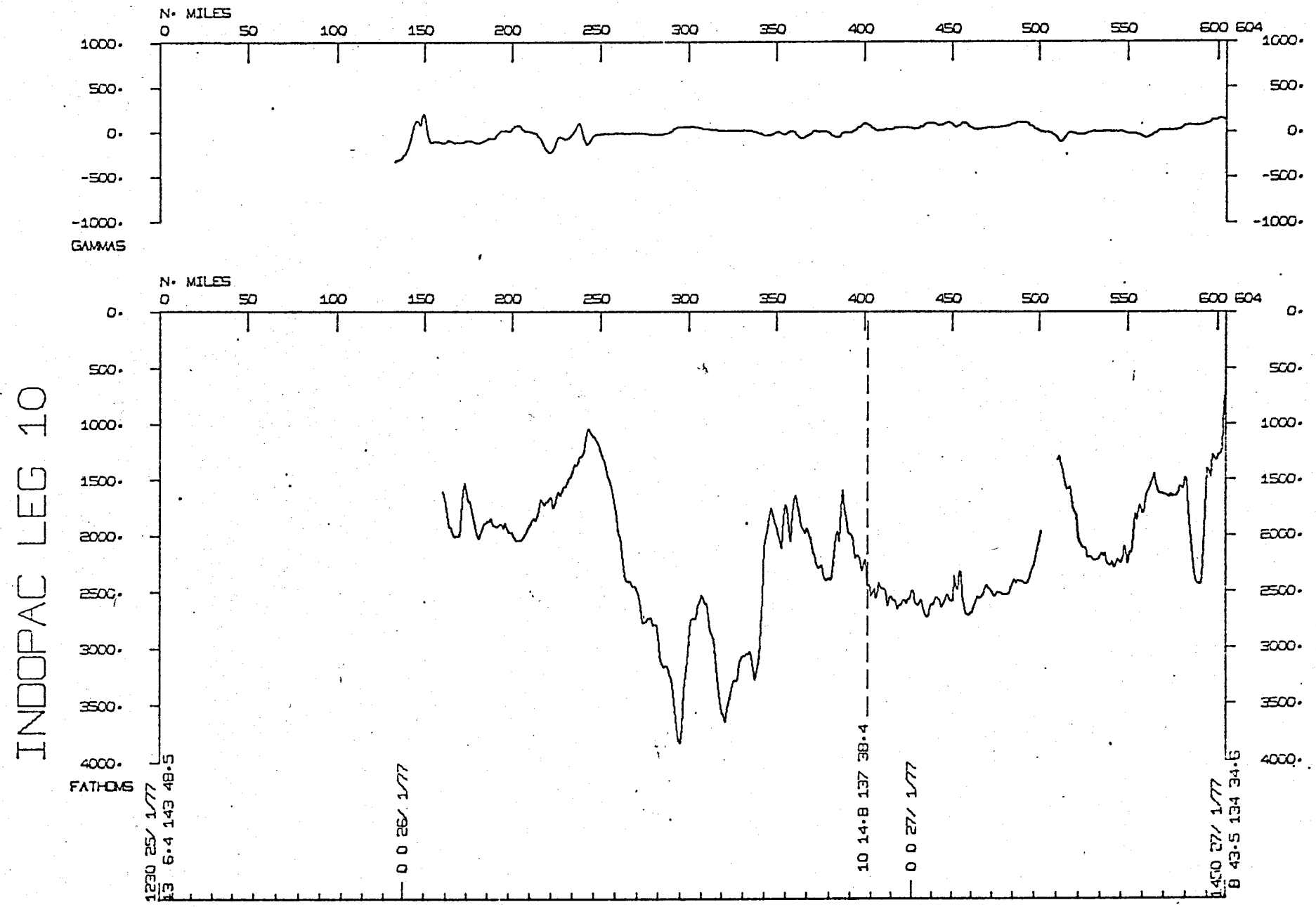
1) Cruise - 5374 miles
2) Bathymetry - 4176 miles
3) Magnetics - 2756 miles
4) Seismic Reflection - 1909 miles




INDOPAC LEG 10 TRACK PLOT (1 OF 2)




INDOPAC LEG 10 TRACK PLOT (2 OF 2)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-500.
-1000.
GAMMAS
N. MILES
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0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
FATHOMS
1230 25/ 1/77
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0 0 26/ 1/77
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0 0 27/ 1/77
1450 27/ 1/77
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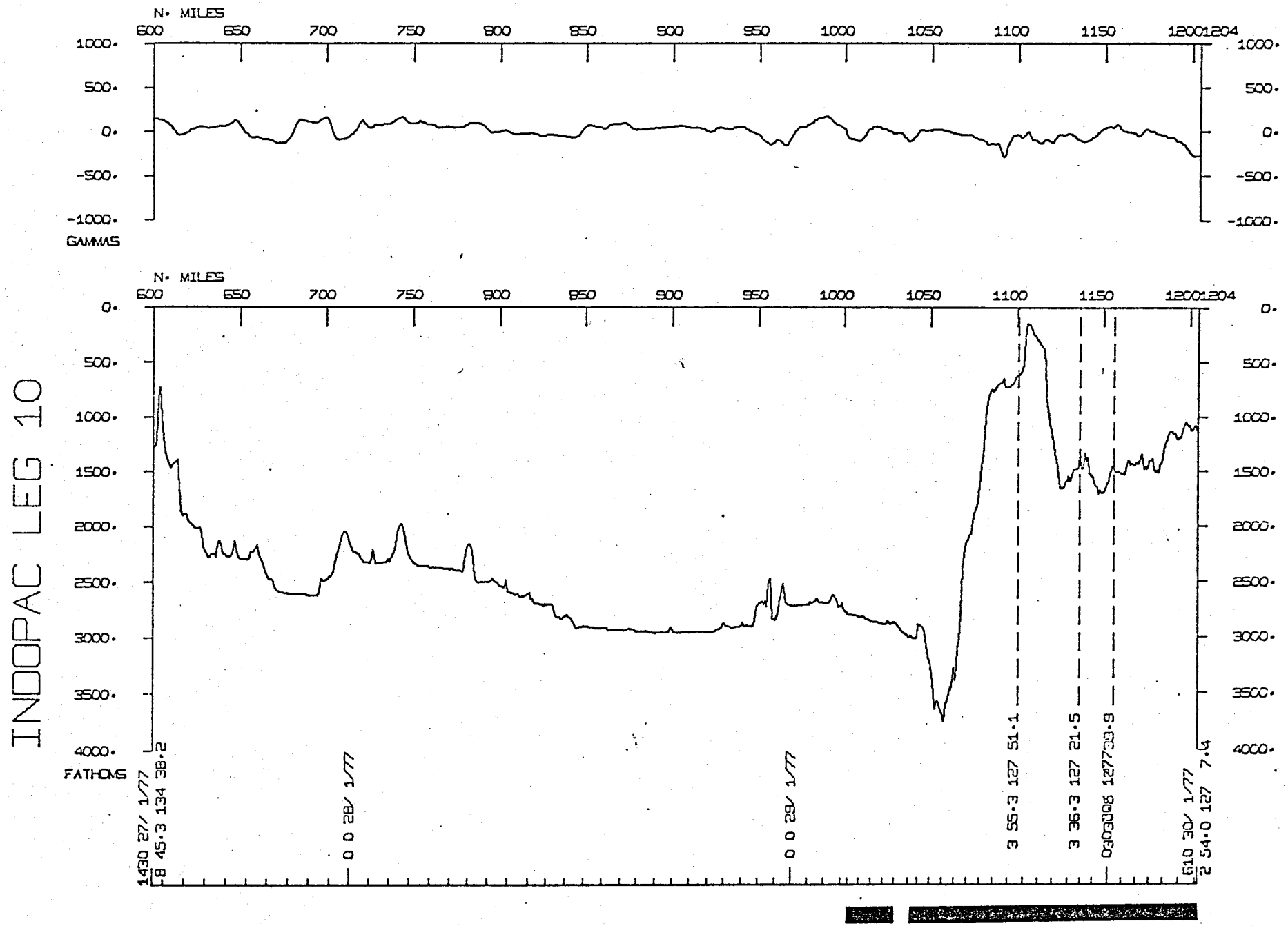
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GAMMAS
N. MILES
600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200 1204
0. 500. 1000. 1500. 2000. 2500. 3000. 3500. 4000.
FATHOMS
1430 27/ 1/77
8 45.3 134 38.2
0 0 28/ 1/77
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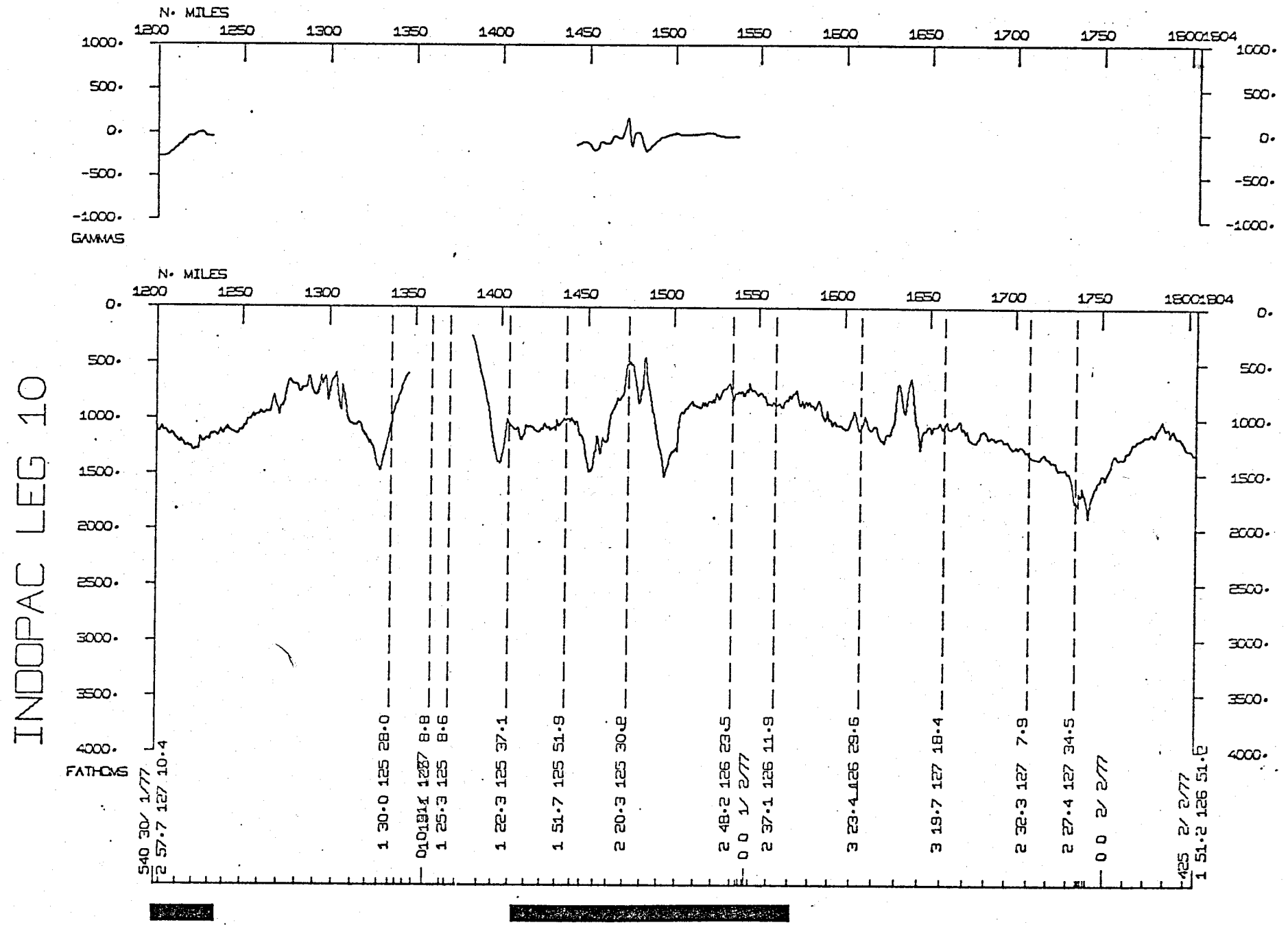
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N. MILES
1200 1250 1300 1350 1400 1450 1500 1550 1600 1650 1700 1750 1800 1804
0. 500. 1000. 1500. 2000. 2500. 3000. 3500. 4000.
FATHOMS
540 30/ 1/77
2 57.7 127 10.4
1 30.0 125 28.0
0 0 1/ 2/77
1 25.3 125 8.6
1 22.3 125 37.1
1 51.7 125 51.9
2 20.3 125 30.2
2 48.2 126 23.5
0 0 1/ 2/77
2 37.1 126 11.9
3 23.4 126 29.6
3 19.7 127 18.4
2 32.3 127 7.9
2 27.4 127 34.5
0 0 2/ 2/77
1 51.2 126 51.6

INDOPAC LEG 10
N. MILES
FATHOMS
GAMMAS
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1 12·9 126 42·4
1 51·9 126 51·4
1 13·2 126 44·0
1 11·2 126 32·9
1 17·0 126 23·5
1 10·7 126 33·4
1 9·4 126 21·1
1 2·3 126 23·2
1 53·0 126 19·0
1 27·9 126 12·9
1 48·1 126 19·4
1 27·4 126 14·0
0 46·0 126 20·6
0 44·4 125 58·0
0 47·7 127 15·8
0 31·4 126 42·5
1 1·5 126 44·0
0 30·7 126 37·2
0 47·1 126 40·6

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2450
2500
2550
2600
2650
2700
2750
2800
2850
2900
2950
3000
3003004
GAMMAS
1000.
500.
0.
-500.
-1000.
FATHOMS
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
1820 S/ 2/77
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1 0.1 126 43.8
0 0 6/ 2/77
0 57.9 126 11.0
0 58.8 126 6.9
0 -2.4 126 13.2
0 -4.3 126 4.7
0 0 7/ 2/77
0-16.0 125 36.9
0 11.7 125 42.0
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0 11.4 125 39.4
0 -8.1 125 48.8
0-11.8 126 1.2
0-13.4 125 59.7
0 0 8/ 2/77
0-13.0 126 9.2
0-24.9 126 42.5
0-14.4 126 7.8
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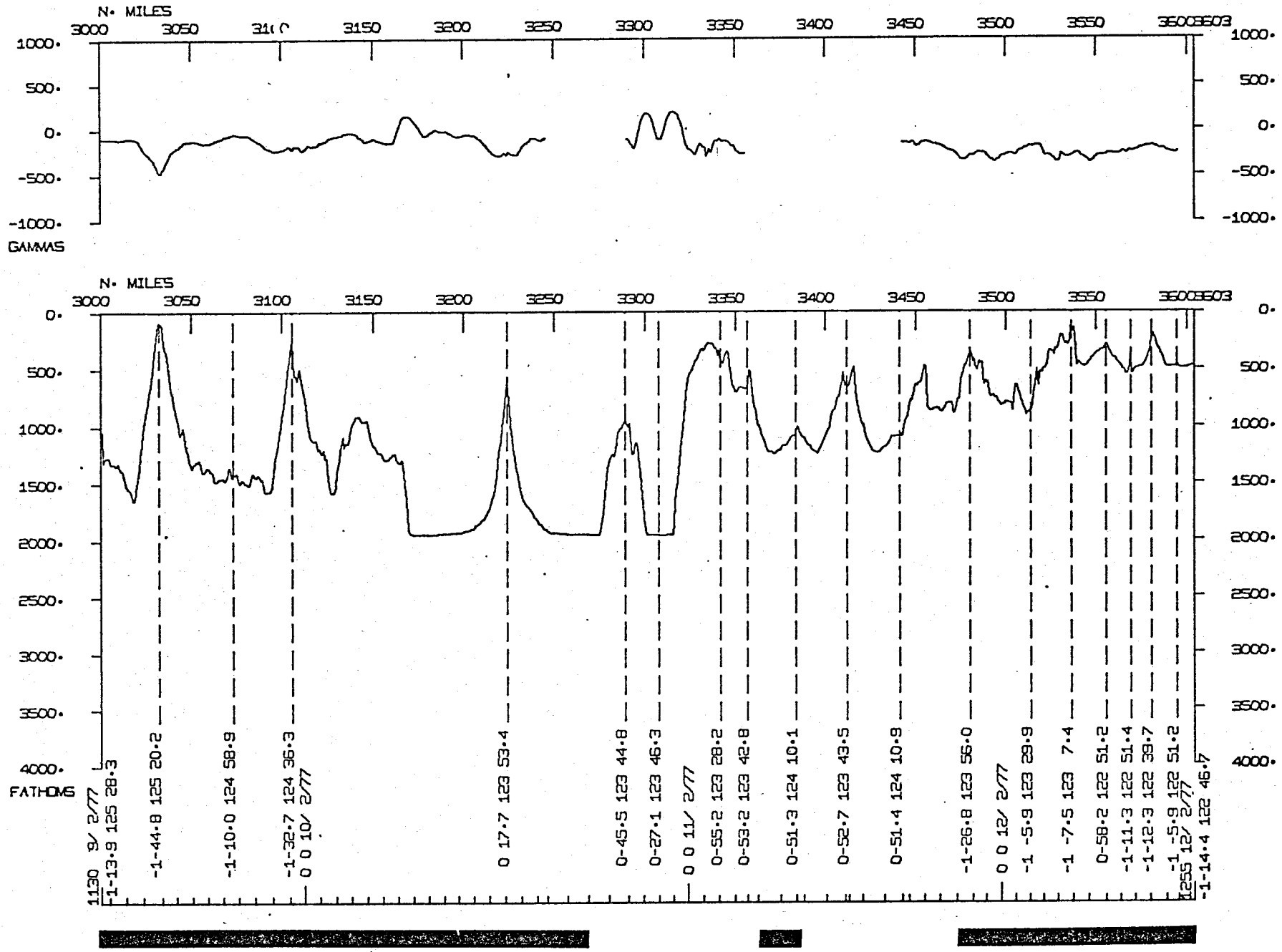
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GAMMAS
N. MILES
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0 0 11/ 2/77
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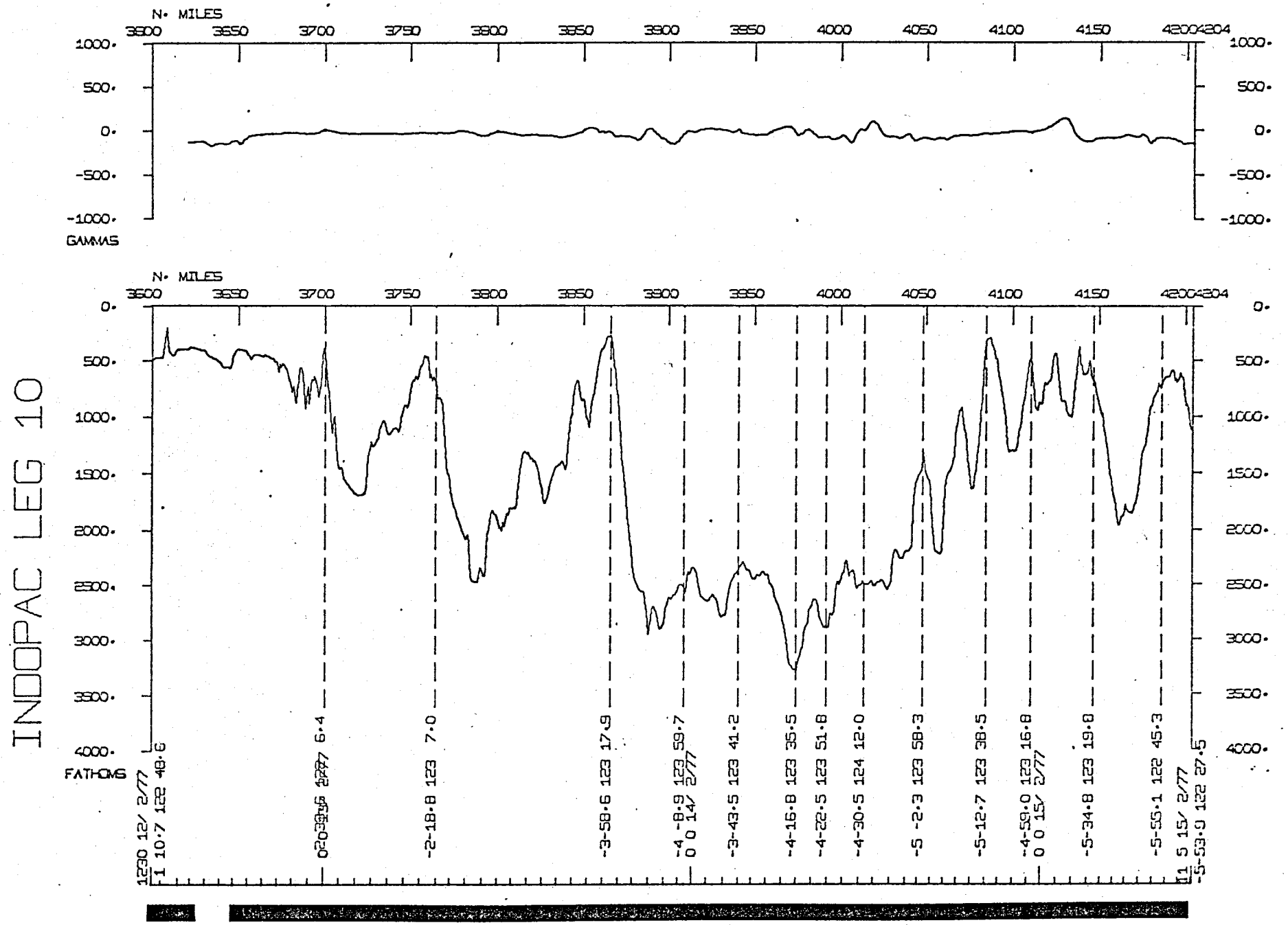
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500.
0.
-500.
-1000.
GAMMAS
FATHOMS
1500.
2000.
2500.
3000.
3500.
4000.
1230 12/ 2/77
1 10.7 122 48.6
-2-18.8 123 7.0
-3-58.6 123 17.9
-4 -8.9 123 59.7
0 0 14/ 2/77
-3-43.5 123 41.2
-4-16.8 123 35.5
-4-22.5 123 51.8
-4-30.5 124 12.0
-5 -2.3 123 58.3
-5-12.7 123 38.5
-4-59.0 123 16.8
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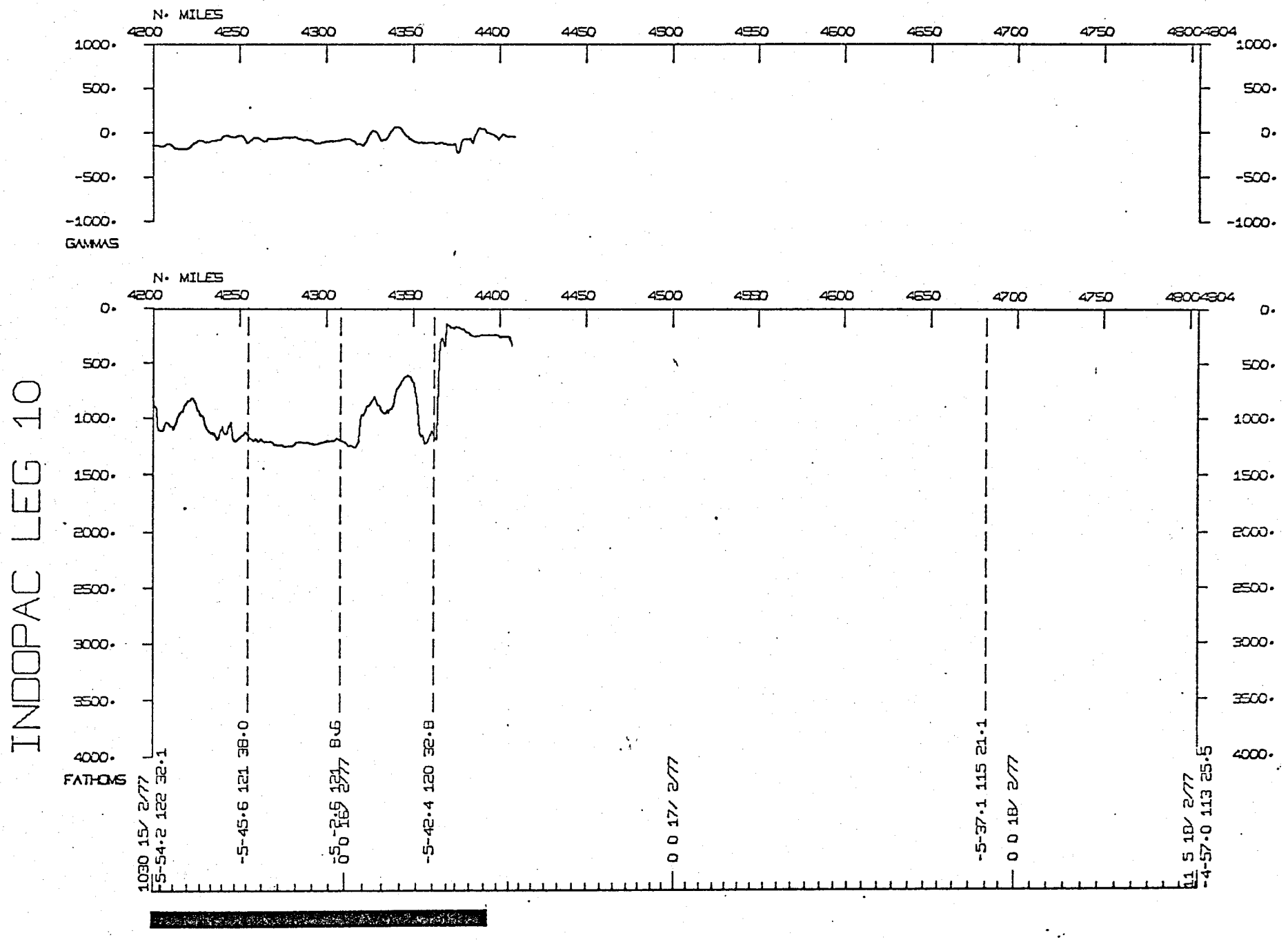
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4800
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500.
0.
-500.
-1000.
GAMMAS
N. MILES
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
FATHOMS
1030 15/ 2/77
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-5-45.6 121 38.0
0 0 16/ 2/77 8.6
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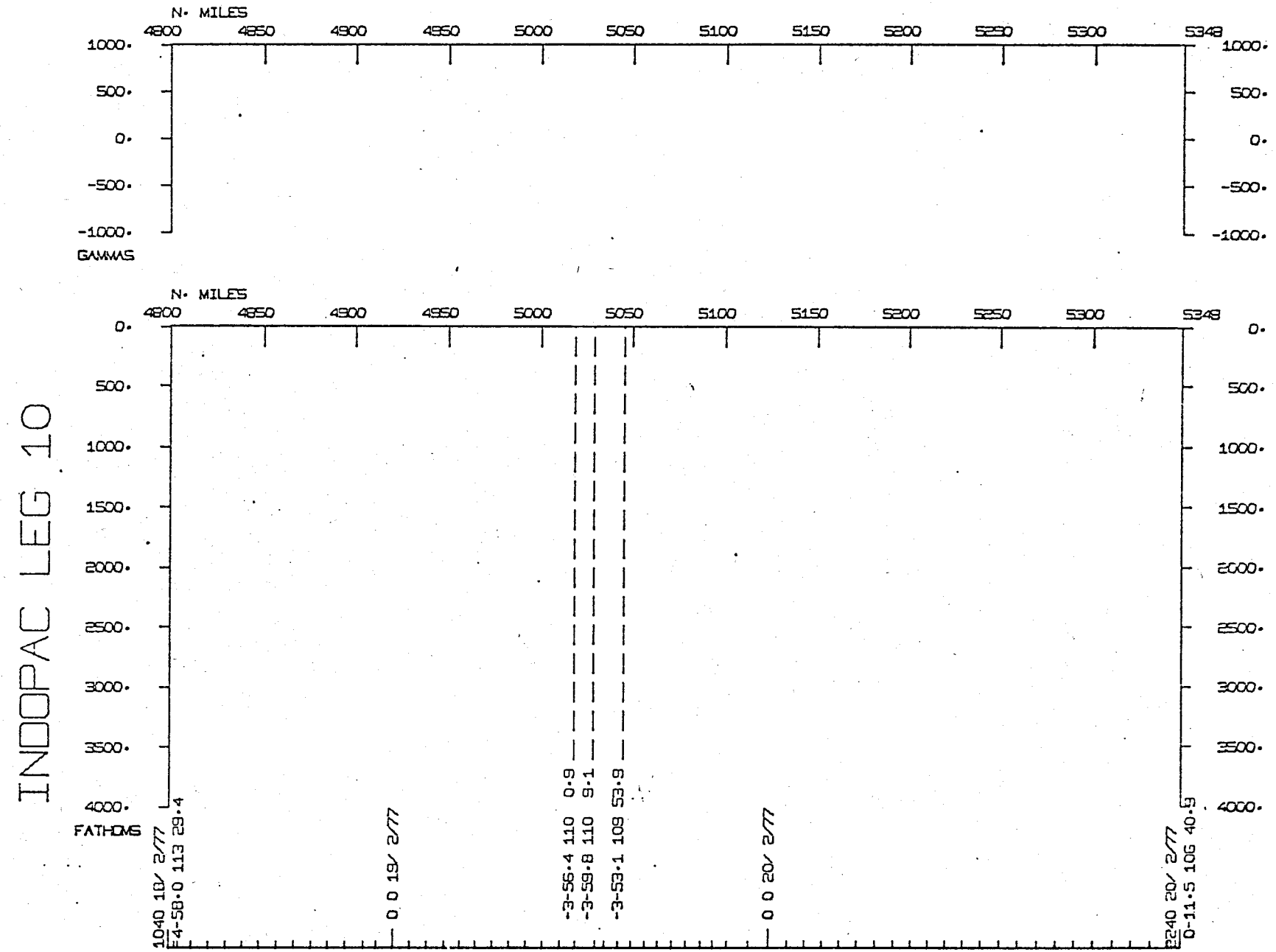
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500.
0.
-500.
-1000.
GAMMAS
N. MILES
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500.
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1500.
2000.
2500.
3000.
3500.
4000.
FATHOMS
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-3-59.8 110 9.1
-3-53.1 108 53.9
0 0 20/ 2/77
2240 20/ 2/77
0-11.5 106 40.9

S.I.O. SAMPLE INDEX

(Issued April 7, 1977)

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LEG 10

Agana, Guam (25 January 1977)
to
Singapore (21 February 1977)

R/V Thomas Washington

Co-Chief Scientists - R. Raitt and E. Silver (UCSC)

Resident Marine Tech - R. Wilson

Post-Cruise Processing and Report Preparation
by S.I.O. Geological Data Center
S. Smith, R. Lingley, G. Psaropulos

Index Encoding Funded by NSF
Contract 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.)

SIO SAMPLE INDEX
INDOPAC EXPEDITION LEG 10

*** PORTS ***

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| 800 25 177 | LGPT B AGANA, GUAM | 13 246N 144 343E F | INDP10WT |
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***PERSONNEL***

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| PECS | RAITT, R. | SIO | INDP10WT |
| PERT | WILSON, R. | MTG | INDP10WT |
| PEAT | HUBENKA, F. | SGG | INDP10WT |
| PECT | BURKHALTER, A. | SCG | INDP10WT |
| PE | HOLMES, G. | SIX | INDP10WT |
| PES | KIECKHEFER, R. | MPL | INDP10WT |
| PEXN | MANALU, P. | IDO | INDP10WT |
| PES | MCCAFFREY, R. | UCC | INDP10WT |
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*** NOTE *** TIME ZONES AND MINUTES OF LATITUDE AND LONGITUDE ARE LISTED IN TENTHS (E.G. 10.6 IS LISTED AS 106)

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| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
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| 52 | 14 277 | | | NVBP B | BRIDGE PLOT 19 | GDC | 3 592S | 123 532E S | INDP10WT |
| 500 | 14 277 | | | NVBP E | BRIDGE PLOT 19 | GDC | 3 593S | 123 384E S | INDP10WT |
| 500 | 14 277 | | | NVBP B | BRIDGE PLOT 20 | GDC | 3 593S | 123 384E S | INDP10WT |
| 1900 | 14 277 | | | NVBP E | BRIDGE PLOT 20 | GDC | 5 67S | 123 450E S | INDP10WT |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|---|---|---|---|---|---|---|---|---|---|
| 1630 | 14 277 | | | NVBP B | BRIDGE PLOT 21 | GDC | 4 543S | 123 585E | S INDP10WT |
| 400 | 15 277 | | | NVBP E | BRIDGE PLOT 21 | GDC | 5 369S | 123 161E | S INDP10WT |
| 400 | 15 277 | | | NVBP B | BRIDGE PLOT 22 | GDC | 5 369S | 123 161E | S INDP10WT |
| 1900 | 15 277 | | | NVBP E | BRIDGE PLOT 22 | GDC | 5 390S | 121 332E | S INDP10WT |
| 1800 | 15 277 | | | NVBP B | BRIDGE PLOT 23 | GDC | 5 460S | 121 385E | S INDP10WT |
| 332 | 16 277 | | | NVBP E | BRIDGE PLOT 23 | GDC | 5 301S | 120 404E | S INDP10WT |
| ***FATHOGRAMS *** | | | | | | | | | |
| 202 | 26 177 | | | DPRT B | GDR 12 KHZ R-01 | GDC | 11 555N | 141 191E | S INDP10WT |
| 2225 | 28 177 | | | DPRT E | GDR 12 KHZ R-01 | GDC | 5 156N | 129 529E | S INDP10WT |
| 2232 | 28 177 | | | DPRT B | GDR 12 KHZ R-02 | GDC | 5 150N | 129 518E | S INDP10WT |
| 2205 | 30 177 | | | DPRT E | GDR 12 KHZ R-02 | GDC | 1 250N | 125 216E | S INDP10WT |
| 325 | 31 177 | | | DPRT B | GDR 12 KHZ R-03 | GDC | 1 212N | 125 135E | S INDP10WT |
| 1130 | 2 277 | | | DPRT E | GDR 12 KHZ R-03 | GDC | 1 140N | 126 417E | S INDP10WT |
| 1141 | 2 277 | | | DPRT B | GDR 12 KHZ R-04 | GDC | 1 138N | 126 418E | S INDP10WT |
| 1801 | 4 277 | | | DPRT E | GDR 12 KHZ R-04 | GDC | 0 435N | 126 68E | S INDP10WT |
| 1810 | 4 277 | | | DPRT B | GDR 12 KHZ R-05 | GDC | 0 435N | 126 81E | S INDP10WT |
| 407 | 6 277 | | | DPRT E | GDR 12 KHZ R-05 | GDC | 0 580N | 126 79E | S INDP10WT |
| 410 | 7 277 | | | DPRT B | GDR 12 KHZ R-06 | GDC | 0 46S | 125 377E | S INDP10WT |
| 1312 | 9 277 | | | DPRT E | GDR 12 KHZ R-06 | GDC | 1 294S | 125 243E | S INDP10WT |
| 1319 | 9 277 | | | DPRT B | GDR 12 KHZ R-07 | GDC | 1 305S | 125 240E | S INDP10WT |
| 1700 | 11 277 | | | DPRT E | GDR 12 KHZ R-07 | GDC | 0 520S | 124 100E | S INDP10WT |
| 1709 | 11 277 | | | DPRT B | GDR 12 KHZ R-08 | GDC | 0 521S | 124 100E | S INDP10WT |
| 24 | 14 277 | | | DPRT E | GDR 12 KHZ R-08 | GDC | 4 24S | 123 554E | S INDP10WT |
| 32 | 14 277 | | | DPRT B | GDR 12 KHZ R-09 | GDC | 4 15S | 123 547E | S INDP10WT |
| 1057 | 16 277 | | | DPRT E | GDR 12 KHZ R-09 | GDC | 5 578S | 119 525E | S INDP10WT |
| 207 | 26 177 | | | DPR3 B | GDR 3.5KHZ R-01 | GDC | 11 550N | 141 182E | S INDP10WT |
| 2214 | 28 177 | | | DPR3 E | GDR 3.5KHZ R-01 | GDC | 5 165N | 129 545E | S INDP10WT |
| 2222 | 28 177 | | | DPR3 B | GDR 3.5KHZ R-02 | GDC | 5 158N | 129 533E | S INDP10WT |
| 548 | 1 277 | | | DPR3 E | GDR 3.5KHZ R-02 | GDC | 3 165N | 126 266E | S INDP10WT |
| 553 | 1 277 | | | DPR3 B | GDR 3.5KHZ R-03 | GDC | 3 175N | 126 269E | S INDP10WT |
| 1701 | 4 277 | | | DPR3 E | GDR 3.5KHZ R-03 | GDC | 0 437N | 126 13E | S INDP10WT |
| 1708 | 4 277 | | | DPR3 B | GDR 3.5KHZ R-04 | GDC | 0 436N | 126 14E | S INDP10WT |
| 1026 | 6 277 | | | DPR3 E | GDR 3.5KHZ R-04 | GDC | 0 348N | 126 109E | S INDP10WT |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|---|---|---|---|---|---|---|---|---|---|
| 1033 | 6 277 | | | DPR3 B | GDR 3.5KHZ R-05 | GDC | 0 333N | 126 111E | S INDP10WT |
| 1735 | 8 277 | | | DPR3 E | GDR 3.5KHZ R-05 | GDC | 0 257S | 126 428E | S INDP10WT |
| 1754 | 8 277 | | | DPR3 B | GDR 3.5KHZ R-06 | GDC | 0 258S | 126 426E | S INDP10WT |
| 1720 | 11 277 | | | DPR3 E | GDR 3.5KHZ R-06 | GDC | 0 522S | 124 100E | S INDP10WT |
| 1727 | 11 277 | | | DPR3 B | GDR 3.5KHZ R-07 | GDC | 0 524S | 124 99E | S INDP10WT |
| 1331 | 14 277 | | | DPR3 E | GDR 3.5KHZ R-07 | GDC | 4 488S | 124 41E | S INDP10WT |
| 1335 | 14 277 | | | DPR3 B | GDR 3.5KHZ R-08 | GDC | 4 494S | 124 39E | S INDP10WT |
| 1133 | 16 277 | | | DPR3 E | GDR 3.5KHZ R-08 | GDC | 5 588S | 119 487E | S INDP10WT |
| *** SEISMIC REFLECTION PROFILES *** | | | | | | | | | |
| 334 | 29 177 | | | SPRS B | AIRGUN R-01 PSR-1 | GDC | 4 554N | 129 117E | S INDP10WT |
| 2006 | 31 177 | | | SPRS E | AIRGUN R-01 PSR-1 | GDC | 2 467N | 126 238E | S INDP10WT |
| 2015 | 31 177 | | | SPRS B | AIRGUN R-02 PSR-1 | GDC | 2 471N | 126 241E | S INDP10WT |
| 1420 | 13 277 | | | SPRS E | AIRGUN R-02 PSR-1 | GDC | 3 223S | 123 182E | S INDP10WT |
| 1430 | 13 277 | | | SPRS B | AIRGUN R-03 PSR-1 | GDC | 3 238S | 123 184E | S INDP10WT |
| 606 | 16 277 | | | SPRS E | AIRGUN R-03 PSR-1 | GDC | 5 440S | 120 250E | S INDP10WT |
| 334 | 29 177 | | | SPRS B | AIRGUN R-01 PSR-2 | GDC | 4 554N | 129 117E | S INDP10WT |
| 2318 | 10 277 | | | SPRS E | AIRGUN R-01 PSR-2 | GDC | 0 348S | 123 401E | S INDP10WT |
| 2330 | 10 277 | | | SPRS B | AIRGUN R-02 PSR-2 | GDC | 0 360S | 123 392E | S INDP10WT |
| 2318 | 15 277 | | | SPRS E | AIRGUN R-02 PSR-2 | GDC | 5 59S | 121 97E | S INDP10WT |
| 2330 | 15 277 | | | SPRS B | AIRGUN R-03 PSR-2 | GDC | 5 42S | 121 94E | S INDP10WT |
| 606 | 16 277 | | | SPRS E | AIRGUN R-03 PSR-2 | GDC | 5 440S | 120 250E | S INDP10WT |
| *** MAGNETOMETER *** | | | | | | | | | |
| 2337 | 25 177 | | | MGR B | MAGNETICS R-01 | GDC | 12 79N | 141 459E | S INDP10WT |
| 1613 | 28 177 | | | MGR E | MAGNETICS R-01 | GDC | 5 481N | 130 455E | S INDP10WT |
| 1620 | 28 177 | | | MGR B | MAGNETICS R-02 | GDC | 5 474N | 130 445E | S INDP10WT |
| 2222 | 28 177 | | | MGR E | MAGNETICS R-02 | GDC | 5 158N | 129 533E | S INDP10WT |
| 1457 | 12 277 | | | MGR B | MAGNETICS R-03 | GDC | 1 284S | 122 366E | S INDP10WT |
| 1133 | 16 277 | | | MGR E | MAGNETICS R-03 | GDC | 5 588S | 119 487E | S INDP10WT |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | | SAMPLE IDENT. | | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ***GRAVIMETRIC RECORDS*** CURATOR L.M. DORMAN (EXT.2406) | | | | | | | | | | | |
| 800 | 25 | 177 | | GVR | B | GRAVITYMETER R-01 | | LMD 13 | 65N | 143 489E S | INDP10WT |
| 1810 | 2 | 277 | | GVR | E | GRAVITYMETER R-01 | | LMD 1 | 460N | 126 530E S | INDP10WT |
| 1815 | 2 | 277 | | GVR | B | GRAVITYMETER R-02 | | LMD 1 | 449N | 126 528E S | INDP10WT |
| 254 | 13 | 277 | | GVR | E | GRAVITYMETER R-02 | | LMD 2 | 310S | 122 314E S | INDP10WT |
| 301 | 14 | 277 | | GVR | B | GRAVITYMETER R-03 | | LMD 3 | 436S | 123 412E S | INDP10WT |
| 1810 | 19 | 277 | | GVR | E | GRAVITYMETER R-03 | | LMD 3 | 269S | 109 456E S | INDP10WT |
| 1600 | 4 | 277 | | GVXR | B | GRAV XCOUPLE R-01 | | LMD 0 | 436N | 126 12E S | INDP10WT |
| 1621 | 5 | 277 | | GVXR | E | GRAV XCOUPLE R-01 | | LMD 0 | 360N | 126 377E S | INDP10WT |
| 1700 | 5 | 277 | | GVXR | B | GRAV XCOUPLE R-02 | | LMD 0 | 307N | 126 372E S | INDP10WT |
| 1053 | 9 | 277 | | GVXR | E | GRAV XCOUPLE R-02 | | LMD 1 | 85S | 125 297E S | INDP10WT |
| 1100 | 9 | 277 | | GVXR | B | GRAV XCOUPLE R-03 | | LMD 1 | 94S | 125 295E S | INDP10WT |
| 700 | 18 | 277 | | GVXR | E | GRAV XCOUPLE R-03 | | LMD 5 | 74S | 114 27E S | INDP10WT |
| *** DREDGE *** | | | | | | | | | | | |
| 2105 | 31 | 177 | | DRR | B | DREDGE 11 | 1425 | GCR 2 | 487N | 126 255E S | INDP10WT |
| 110 | 1 | 277 | | DRR | E | DREDGE 11 | 1384 | GCR 2 | 475N | 126 209E S | INDP10WT |
| 1629 | 1 | 277 | | DRR | B | DREDGE 12 | 3298 | GCR 2 | 278N | 127 348E S | INDP10WT |
| 2231 | 1 | 277 | | DRR | E | DREDGE 12 | 3336 | GCR 2 | 321N | 127 369E S | INDP10WT |
| 520 | 3 | 277 | | DRR | B | DREDGE 13 | 2104 | GCR 1 | 92N | 126 221E S | INDP10WT |
| 1135 | 3 | 277 | | DRR | E | DREDGE 13 | 2206 | GCR 1 | 26N | 126 228E S | INDP10WT |
| 1145 | 4 | 277 | | DRR | B | DREDGE 14 | 1790 | GCR 0 | 441N | 125 596E S | INDP10WT |
| 1600 | 4 | 277 | | DRR | E | DREDGE 14 | 1065 | GCR 0 | 436N | 126 12E S | INDP10WT |
| 1534 | 6 | 277 | | DRR | B | DREDGE 15 | 3069 | GCR 0 | 47S | 126 39E S | INDP10WT |
| 2229 | 6 | 277 | | DRR | E | DREDGE 15 | 2633 | GCR 0 | 118S | 126 62E S | INDP10WT |
| 1954 | 7 | 277 | | DRR | B | DREDGE 16 | 2257 | GCR 0 | 132S | 125 570E S | INDP10WT |
| 50 | 8 | 277 | | DRR | E | DREDGE 16 | 2294 | GCR 0 | 140S | 125 571E S | INDP10WT |
| ***SEISMIC REFRACTION SITE*** | | | | | | | | | | | |
| 553 | 31 | 177 | | SRST | B | REFRACTION STA 10-1 | | DDM 1 | 226N | 125 373E S | INDP10WT |
| 930 | 31 | 177 | | SRST | E | REFRACTION STA 10-1 | | DDM 1 | 517N | 125 519E S | INDP10WT |
| 228 | 1 | 277 | | SRST | B | REFRACTION STA 10-2 | | DDM 2 | 395N | 126 128E S | INDP10WT |
| 622 | 1 | 277 | | SRST | E | REFRACTION STA 10-2 | | DDM 3 | 231N | 126 291E S | INDP10WT |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|---|---|---|---|---|---|---|---|---|---|
| 1005 | 1 277 | | | SRST B | REFRACTION STA 10-3 | DDM | 3 197N | 127 184E S | INDP10WT |
| 1403 | 1 277 | | | SRST E | REFRACTION STA 10-3 | DDM | 2 322N | 127 82E S | INDP10WT |
| 746 | 2 277 | | | SRST B | REFRACTION STA 10-4 | DDM | 1 498N | 126 507E S | INDP10WT |
| 1643 | 2 277 | | | SRST E | REFRACTION STA 10-4 | DDM | 1 464N | 126 496E S | INDP10WT |
| 1841 | 3 277 | | | SRST B | REFRACTION STA 10-5 | DDM | 1 528N | 126 202E S | INDP10WT |
| 200 | 4 277 | | | SRST E | REFRACTION STA 10-5 | DDM | 1 519N | 126 209E S | INDP10WT |
| 1209 | 5 277 | | | SRST B | REFRACTION STA 10-6 | DDM | 0 598N | 126 437E S | INDP10WT |
| 1628 | 5 277 | | | SRST E | REFRACTION STA 10-6 | DDM | 0 350N | 126 375E S | INDP10WT |
| 308 | 7 277 | | | SRST B | REFRACTION STA 10-7 | DDM | 0 158S | 125 356E S | INDP10WT |
| 910 | 7 277 | | | SRST E | REFRACTION STA 10-7 | DDM | 0 129S | 125 361E S | INDP10WT |
| 414 | 8 277 | | | SRST B | REFRACTION STA 10-8 | DDM | 0 146S | 126 85E S | INDP10WT |
| 1302 | 8 277 | | | SRST E | REFRACTION STA 10-8 | DDM | 0 142S | 126 79E S | INDP10WT |
| 1611 | 10 277 | | | SRST B | REFRACTION STA 10-9 | DDM | 0 57S | 123 503E S | INDP10WT |
| 1940 | 10 277 | | | SRST E | REFRACTION STA 10-9 | DDM | 0 456S | 123 453E S | INDP10WT |
| 512 | 11 277 | | | SRST B | REFRACTION STA 10-10 | DDM | 0 530S | 123 431E S | INDP10WT |
| 1123 | 11 277 | | | SRST E | REFRACTION STA 10-10 | DDM | 0 540S | 123 497E S | INDP10WT |
| 1218 | 12 277 | | | SRST B | REFRACTION STA 10-11 | DDM | 1 89S | 122 496E S | INDP10WT |
| 1425 | 12 277 | | | SRST E | REFRACTION STA 10-11 | DDM | 1 272S | 122 378E S | INDP10WT |

*** SEISMIC REFLECTION PROFILES ***

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 602 | 31 177 | | | SPWA | SONOBUOY 01 | DDM | 1 237N | 125 379E S | INDP10WT |
| 604 | 31 177 | | | SPWA | SONOBUOY 02 | DDM | 1 240N | 125 381E S | INDP10WT |
| 610 | 31 177 | | | SPWA | SONOBUOY 03 | DDM | 1 248N | 125 385E S | INDP10WT |
| 708 | 31 177 | | | SPWA | SONOBUOY 04 | DDM | 1 326N | 125 425E S | INDP10WT |
| 736 | 31 177 | | | SPWA | SONOBUOY 05 | DDM | 1 364N | 125 444E S | INDP10WT |
| 835 | 31 177 | | | SPWA | SONOBUOY 06 | DDM | 1 442N | 125 484E S | INDP10WT |
| 222 | 1 277 | | | SPWA | SONOBUOY 07 | DDM | 2 383N | 126 123E S | INDP10WT |
| 224 | 1 277 | | | SPWA | SONOBUOY 08 | DDM | 2 387N | 126 125E S | INDP10WT |
| 344 | 1 277 | | | SPWA | SONOBUOY 09 | DDM | 2 534N | 126 179E S | INDP10WT |
| 400 | 1 277 | | | SPWA | SONOBUOY 10 | DDM | 2 562N | 126 190E S | INDP10WT |
| 422 | 1 277 | | | SPWA | SONOBUOY 11 | DDM | 3 0N | 126 205E S | INDP10WT |
| 430 | 1 277 | | | SPWA | SONOBUOY 11 | DDM | 3 14N | 126 210E S | INDP10WT |
| 530 | 1 277 | | | SPWA | SONOBUOY 13 | DDM | 3 130N | 126 253E S | INDP10WT |
| 1015 | 1 277 | | | SPWA | SONOBUOY 14 | DDM | 3 174N | 127 181E S | INDP10WT |
| 1017 | 1 277 | | | SPWA | SONOBUOY 15 | DDM | 3 170N | 127 180E S | INDP10WT |
| 1118 | 1 277 | | | SPWA | SONOBUOY 16 | DDM | 3 44N | 127 152E S | INDP10WT |
| 1137 | 1 277 | | | SPWA | SONOBUOY 17 | DDM | 3 6N | 127 144E S | INDP10WT |
| 1155 | 1 277 | | | SPWA | SONOBUOY 18 | DDM | 2 569N | 127 137E S | INDP10WT |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|---|---|---|---|---|---|---|---|---|---|---|
| 1234 | 1 277 | | | SPWA | SONOBUOY | 19 | DDM | 2 492N | 127 122E S | INDP10WT |
| 1604 | 10 277 | | | SPWA | SONOBUOY | 20 | DDM | 0 44S | 123 505E S | INDP10WT |
| 1606 | 10 277 | | | SPWA | SONOBUOY | 21 | DDM | 0 48S | 123 504E S | INDP10WT |
| 1608 | 10 277 | | | SPWA | SONOBUOY | 22 | DDM | 0 52S | 123 504E S | INDP10WT |
| 1657 | 10 277 | | | SPWA | SONOBUOY | 23 | DDM | 0 146S | 123 493E S | INDP10WT |
| 1728 | 10 277 | | | SPWA | SONOBUOY | 24 | DDM | 0 204S | 123 487E S | INDP10WT |
| 1753 | 10 277 | | | SPWA | SONOBUOY | 25 | DDM | 0 252S | 123 482E S | INDP10WT |
| 1828 | 10 277 | | | SPWA | SONOBUOY | 26 | DDM | 0 318S | 123 475E S | INDP10WT |
| 1210 | 12 277 | | | SPWA | SONOBUOY | 27 | DDM | 1 77S | 122 502E S | INDP10WT |
| 1212 | 12 277 | | | SPWA | SONOBUOY | 28 | DDM | 1 80S | 122 500E S | INDP10WT |
| 1214 | 12 277 | | | SPWA | SONOBUOY | 29 | DDM | 1 83S | 122 499E S | INDP10WT |
| 1237 | 12 277 | | | SPWA | SONOBUOY | 30 | DDM | 1 117S | 122 481E S | INDP10WT |
| 1304 | 12 277 | | | SPWA | SONOBUOY | 31 | DDM | 1 158S | 122 460E S | INDP10WT |
| 1322 | 12 277 | | | SPWA | SONOBUOY | 32 | DDM | 1 184S | 122 445E S | INDP10WT |
| ***SEISMIC RECEIVING BUOY*** | | | | | | | | | | |
| 450 | 2 277 | | | BUSR B | BUOY A | 2504 | DDM | 1 491N | 126 505E S | INDP10WT |
| 1742 | 2 277 | | | BUSR E | BUOY A | 2504 | DDM | 1 511N | 126 541E S | INDP10WT |
| 1258 | 2 277 | | | BUSR B | BUOY B | 1917 | DDM | 1 133N | 126 422E S | INDP10WT |
| 2125 | 2 277 | | | BUSR E | BUOY B | 1917 | DDM | 1 136N | 126 426E S | INDP10WT |
| 1702 | 3 277 | | | BUSR B | BUOY A | 1632 | DDM | 1 530N | 126 190E S | INDP10WT |
| 155 | 4 277 | | | BUSR E | BUOY A | 1632 | DDM | 1 520N | 126 208E S | INDP10WT |
| 2237 | 3 277 | | | BUSR B | BUOY B | 1492 | DDM | 1 271N | 126 141E S | INDP10WT |
| 541 | 4 277 | | | BUSR E | BUOY B | 1492 | DDM | 1 270N | 126 142E S | INDP10WT |
| 714 | 5 277 | | | BUSR B | BUOY A | 2201 | DDM | 0 322N | 126 423E S | INDP10WT |
| 1732 | 5 277 | | | BUSR E | BUOY A | 2201 | DDM | 0 306N | 126 370E S | INDP10WT |
| 1250 | 5 277 | | | BUSR B | BUOY B | 1619 | DDM | 1 13N | 126 439E S | INDP10WT |
| 2333 | 5 277 | | | BUSR E | BUOY B | 1619 | DDM | 0 594N | 126 437E S | INDP10WT |
| 125 | 7 277 | | | BUSR B | BUOY A | 2219 | DDM | 0 157S | 125 370E S | INDP10WT |
| 957 | 7 277 | | | BUSR E | BUOY A | 2219 | DDM | 0 174S | 125 359E S | INDP10WT |
| 604 | 7 277 | | | BUSR B | BUOY B | 2064 | DDM | 0 115N | 125 418E S | INDP10WT |
| 1311 | 7 277 | | | BUSR E | BUOY B | 2064 | DDM | 0 107N | 125 393E S | INDP10WT |
| 225 | 8 277 | | | BUSR B | BUOY A | 2393 | DDM | 0 134S | 126 90E S | INDP10WT |
| 1321 | 8 277 | | | BUSR E | BUOY A | 2393 | DDM | 0 147S | 126 72E S | INDP10WT |
| 730 | 8 277 | | | BUSR B | BUOY B | 3332 | DDM | 0 251S | 126 425E S | INDP10WT |
| 1900 | 8 277 | | | BUSR E | BUOY B | 3332 | DDM | 0 261S | 126 421E S | INDP10WT |
| 454 | 11 277 | | | BUSR B | BUOY A | 1218 | DDM | 0 531S | 123 429E S | INDP10WT |
| 1228 | 11 277 | | | BUSR E | BUOY A | 1218 | DDM | 0 530S | 123 436E S | INDP10WT |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|---|---|---|---|---|---|---|---|---|---|
| 751 | 11 277 | | | BUSR B | BUOY B 1921 | DDM | 0 513S | 124 101E S | INDP10WT |
| 1717 | 11 277 | | | BUSR E | BUOY B 1921 | DDM | 0 522S | 124 100E S | INDP10WT |
| *** SURFACE NET *** | | | | | | | | | |
| 1150 | 3 277 | | | SNNU B | H | MIC | 1 23N | 126 232E S | INDP10WT |
| 1200 | 3 277 | | | SNNU E | H | MIC | 1 24N | 126 232E S | INDP10WT |
| 656 | 5 277 | | | SNNU B | H | MIC | 0 318N | 126 426E S | INDP10WT |
| 706 | 5 277 | | | SNNU E | H | MIC | 0 321N | 126 425E S | INDP10WT |
| 2229 | 6 277 | | | SNNU B | H | MIC | 0 118S | 126 62E S | INDP10WT |
| 2239 | 6 277 | | | SNNU E | H | MIC | 0 121S | 126 62E S | INDP10WT |
| 1626 | 11 277 | | | SNNU B | H | MIC | 0 520S | 124 103E S | INDP10WT |
| 1644 | 11 277 | | | SNNU E | H | MIC | 0 520S | 124 101E S | INDP10WT |
| ***BATHYTHERMOGRAPH*** CURATOR CAROL CONWAY (EXT.3368) | | | | | | | | | |
| 0 | 5 277 | | | BTX | NO. SAMPLES = 1 | DCP | 0 466N | 126 564E S | INDP10WT |
| 0 | 7 277 | | | BTX | NO. SAMPLES = 1 | DCP | 0 146S | 125 514E S | INDP10WT |
| 0 | 8 277 | | | BTX | NO. SAMPLES = 1 | DCP | 0 134S | 125 573E S | INDP10WT |
| 0 | 10 277 | | | BTX | NO. SAMPLES = 1 | DCP | 1 265S | 124 333E S | INDP10WT |
| 0 | 11 277 | | | BTX | NO. SAMPLES = 1 | DCP | 0 396S | 123 370E S | INDP10WT |
| 0 | 12 277 | | | BTX | NO. SAMPLES = 1 | DCP | 1 165S | 123 424E S | INDP10WT |
| 0 | 3 277 | | | BTX | NO. SAMPLES = 1 | DCP | 1 128N | 126 306E S | INDP10WT |
| 0 | 28 177 | | | BTX | NO. SAMPLES = 1 | DCP | 7 340N | 133 92E S | INDP10WT |
| 0 | 31 177 | | | BTX | NO. SAMPLES = 1 | DCP | 1 198N | 125 123E S | INDP10WT |
| 0 | 1 277 | | | BTX | NO. SAMPLES = 3 | DCP | 2 488N | 126 230E S | INDP10WT |
| 0 | 2 277 | | | BTX | NO. SAMPLES = 1 | DCP | 2 261N | 127 296E S | INDP10WT |
| 9900 | | | | | END SAMPLE INDEX | | | | INDP10WT |