

EURYDICE EXPEDITION

LEG 11

R/V THOMAS WASHINGTON

INFORMAL REPORT AND INDEX OF  
NAVIGATION, DEPTH AND MAGNETIC DATA

Majuro, Marshall Is. (20 June 1975)

to

San Diego, Calif. (18 July 1975)

Chief Scientist - E. Winterer

Resident Marine Tech - M. Hausman

Post-Cruise Processing by - S. Smith, U. Albright,

G. Psaropulos, R. Lingley

PREPARED BY

Underway Data Processing Group

S.I.O. Geological Data Center

Scripps Institution of Oceanography

La Jolla, California

September 3, 1975

## Preliminary Report and Index of Navigation, Depth, Magnetic and Subbottom Profiler Data

### Contents:

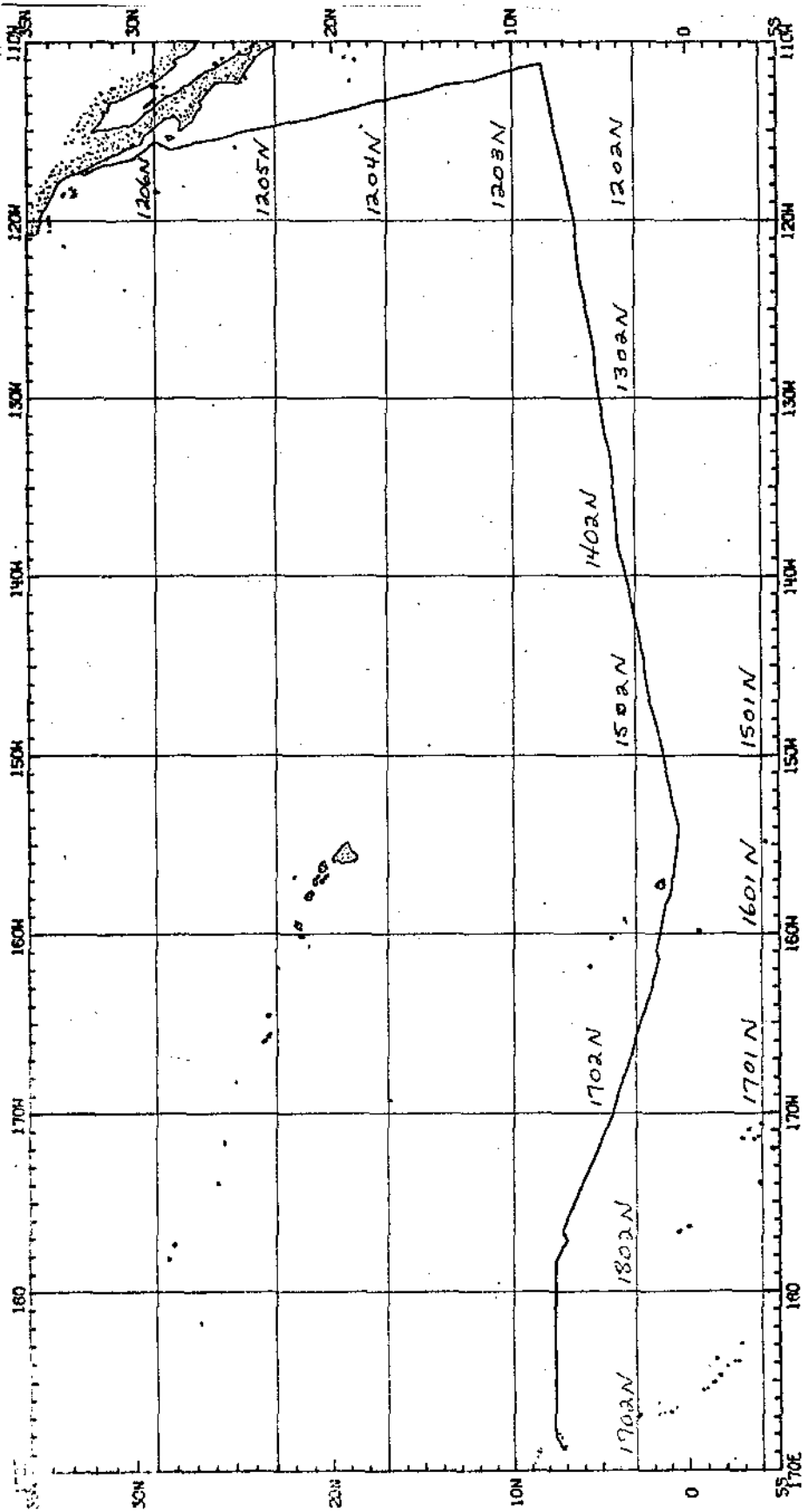
Index Chart - gives track of cruise leg and boundaries of depth compilation plots (see below).

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 T. E. Chase, Curator, Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093 Phone: (714) 452-2182

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
-

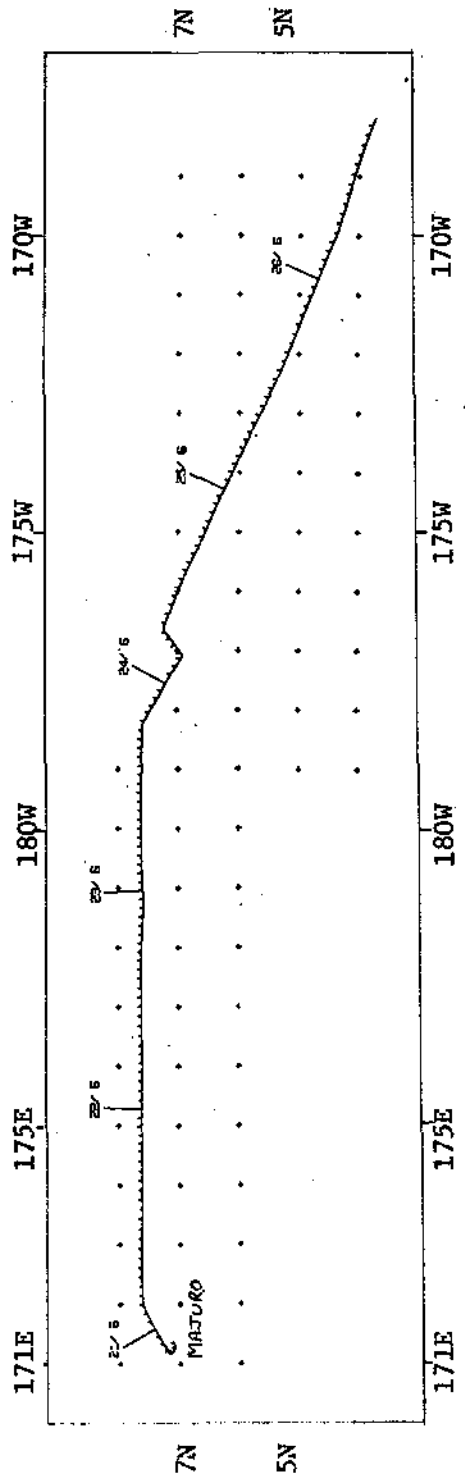


EURYDICE EXPEDITION  
LEG 11

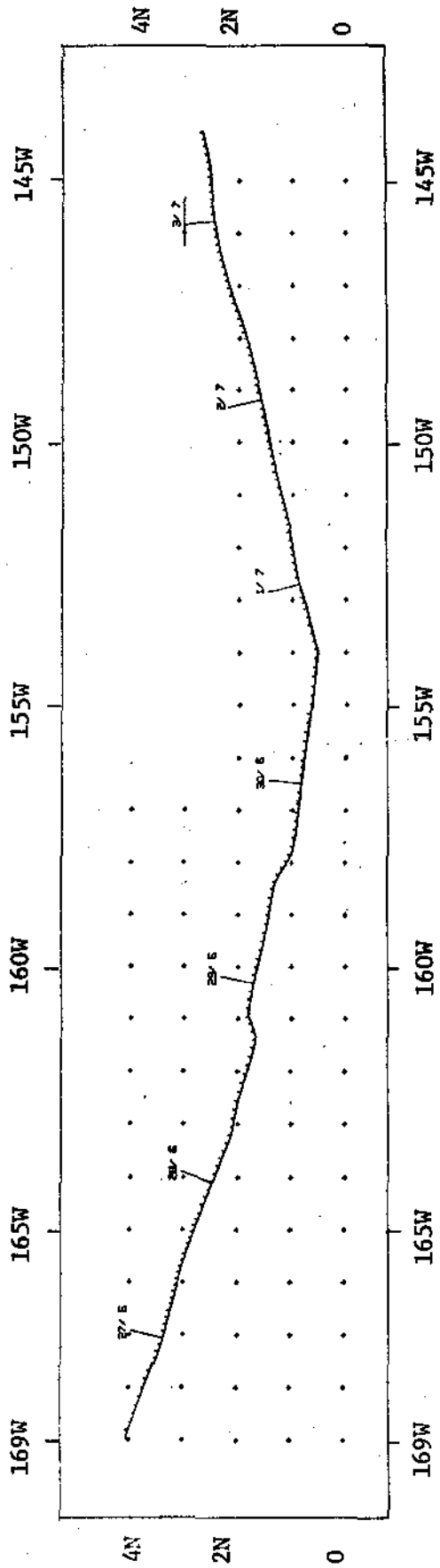
Chief Scientist - E. Winterer  
Majuro, Marshall Is. - San Diego, Calif. (20 June - 18 July 1975)

TOTAL MILEAGE

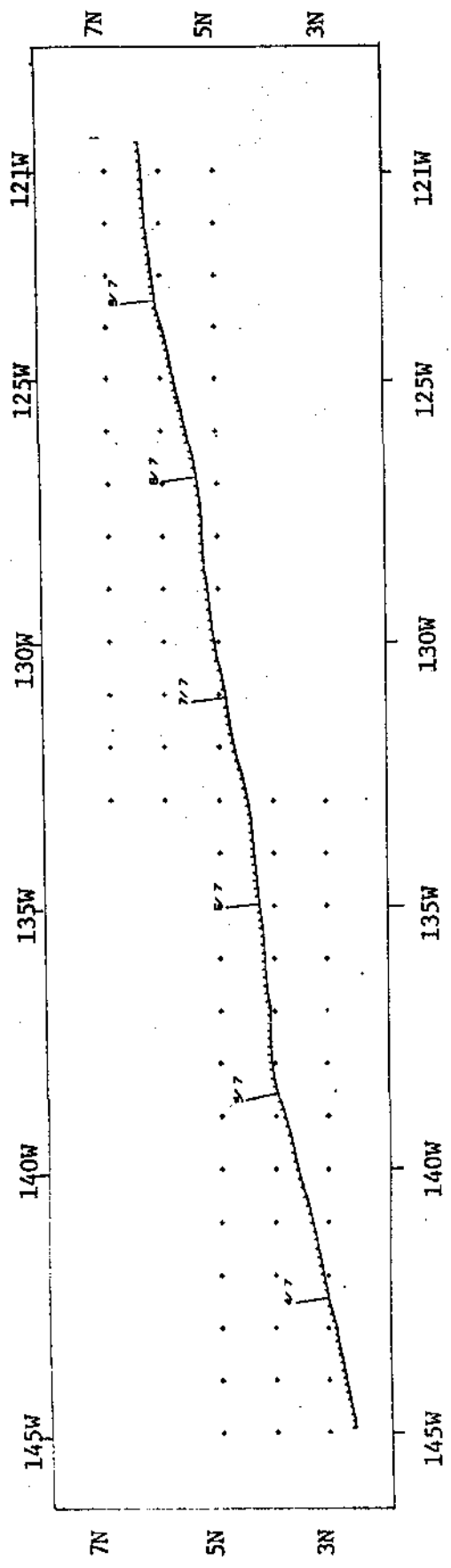
- 1) Cruise - 6320 miles
- 2) Bathymetry - 6307 miles
- 3) Magnetics - 6242 miles
- 4) Seismic Reflection - 6159 miles



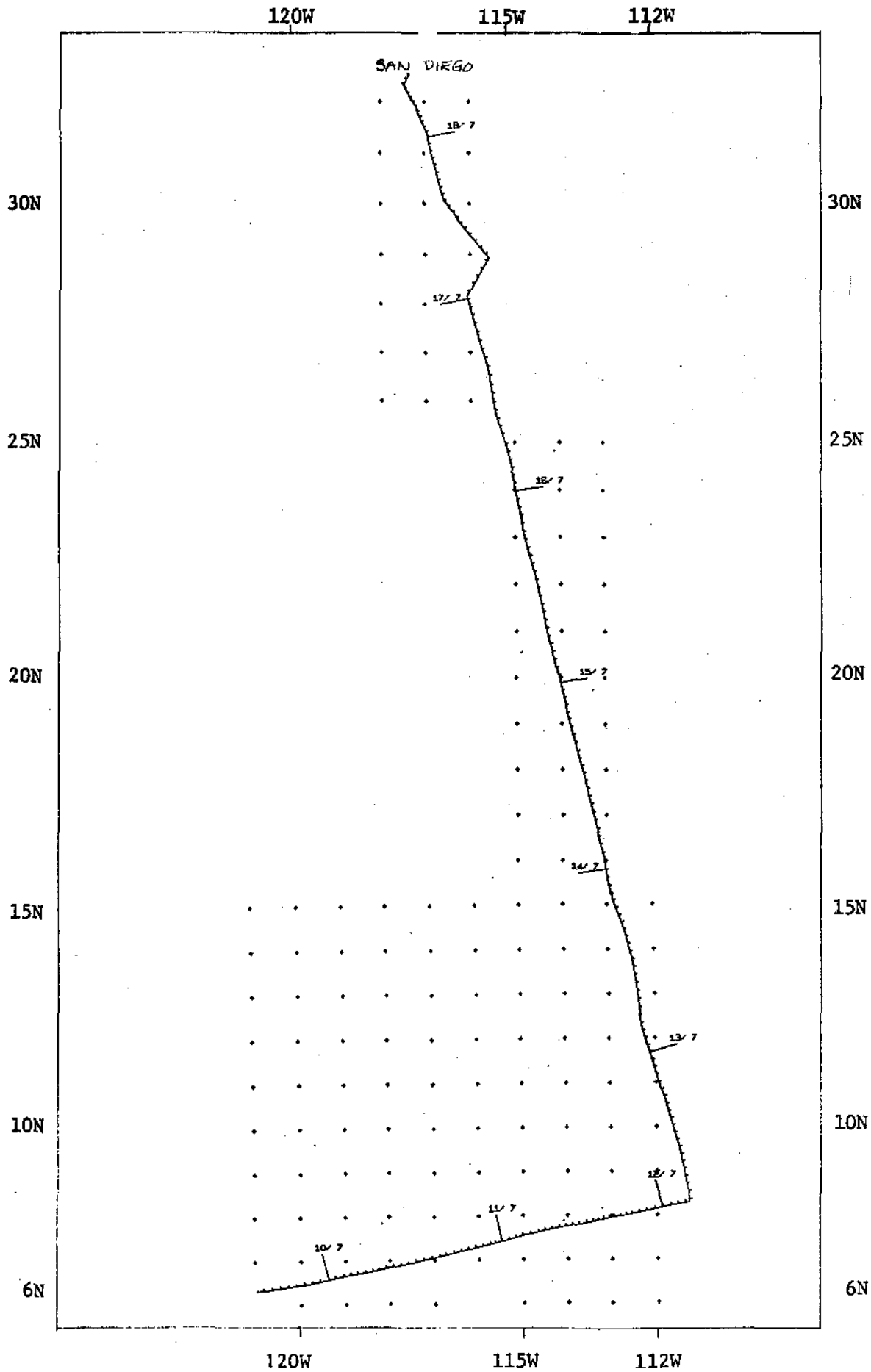
EURYDICE EXPEDITION Leg 11 Track Plot (1 of 4)



EURYDICE EXPEDITION Leg 11 Track Plot (2 of 4)

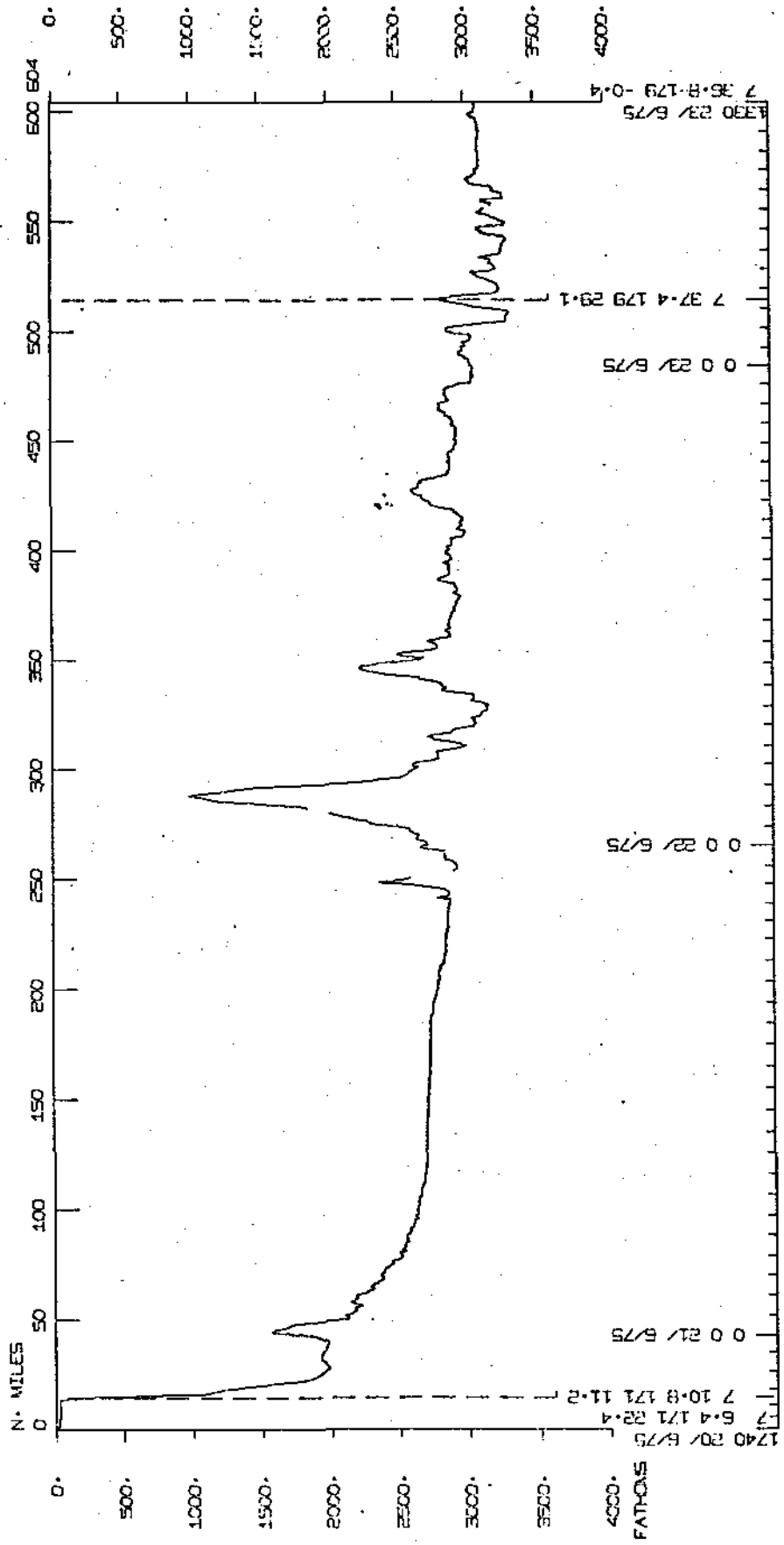
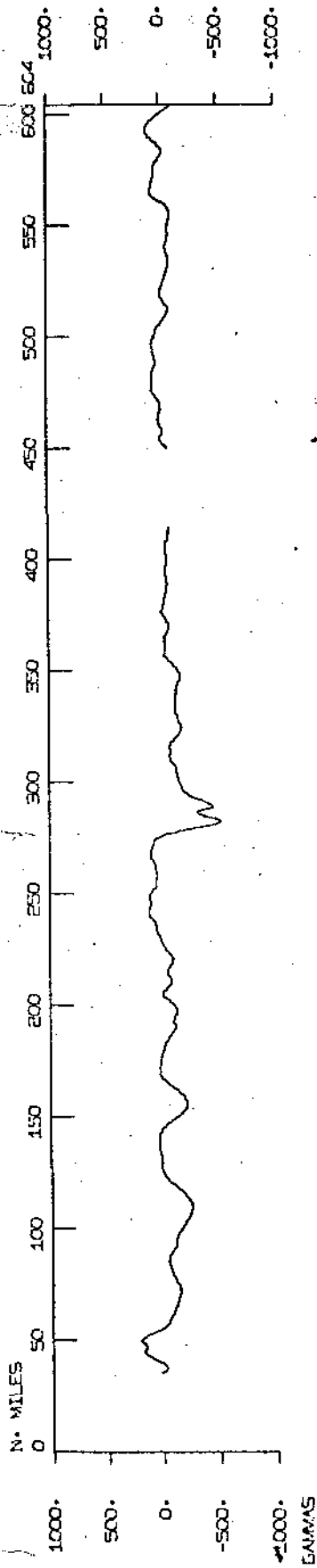


EURYDICE EXPEDITION Leg 11 Track Plot (3 of 4)



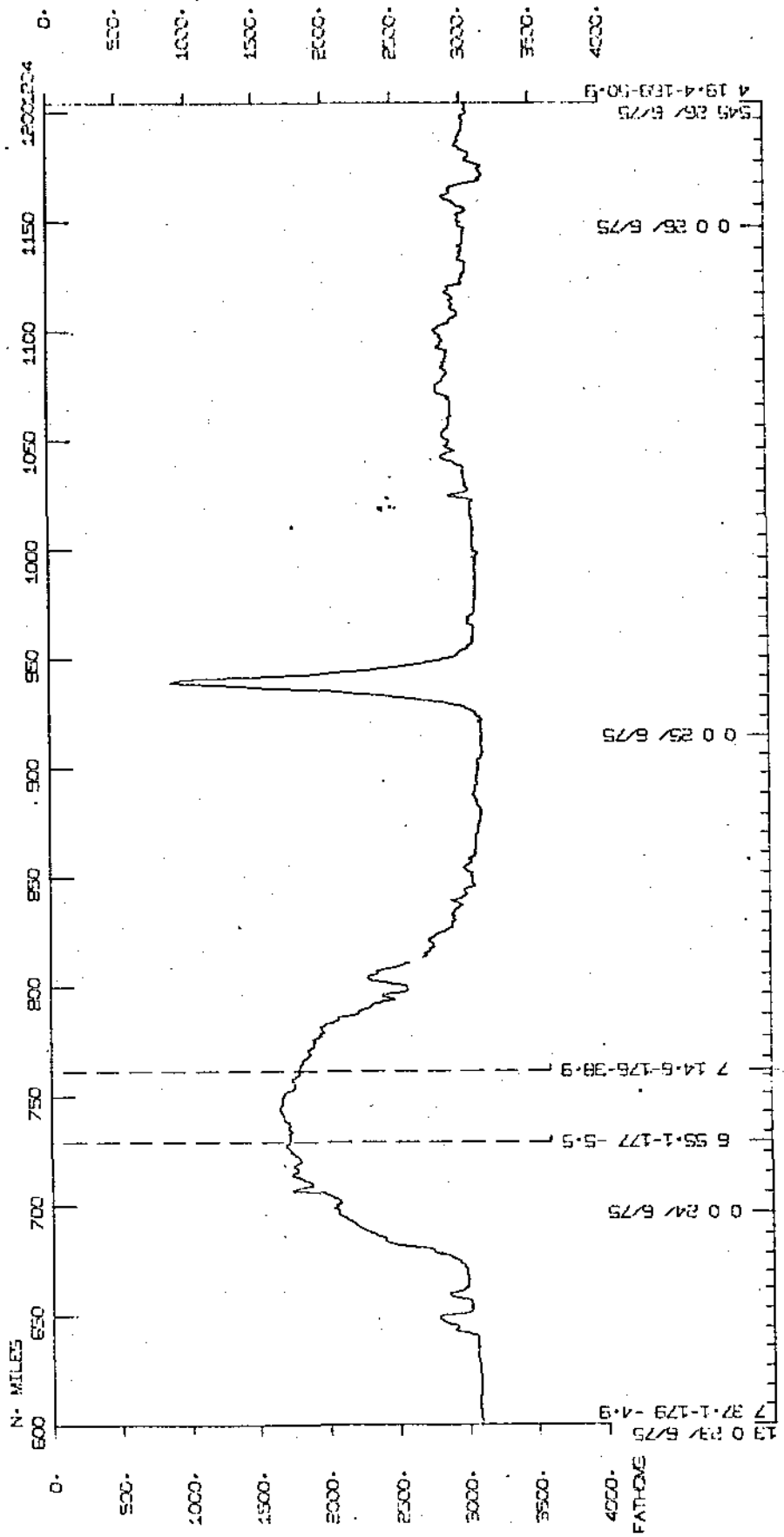
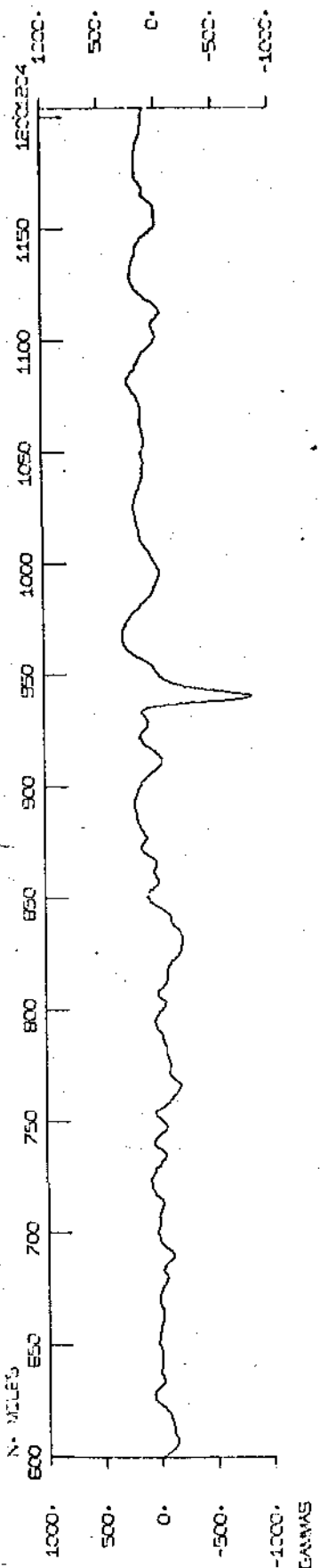
EURYDICE EXPEDITION Leg 11 Track Plot (4 of 4)

EURDYICE LEG 1A

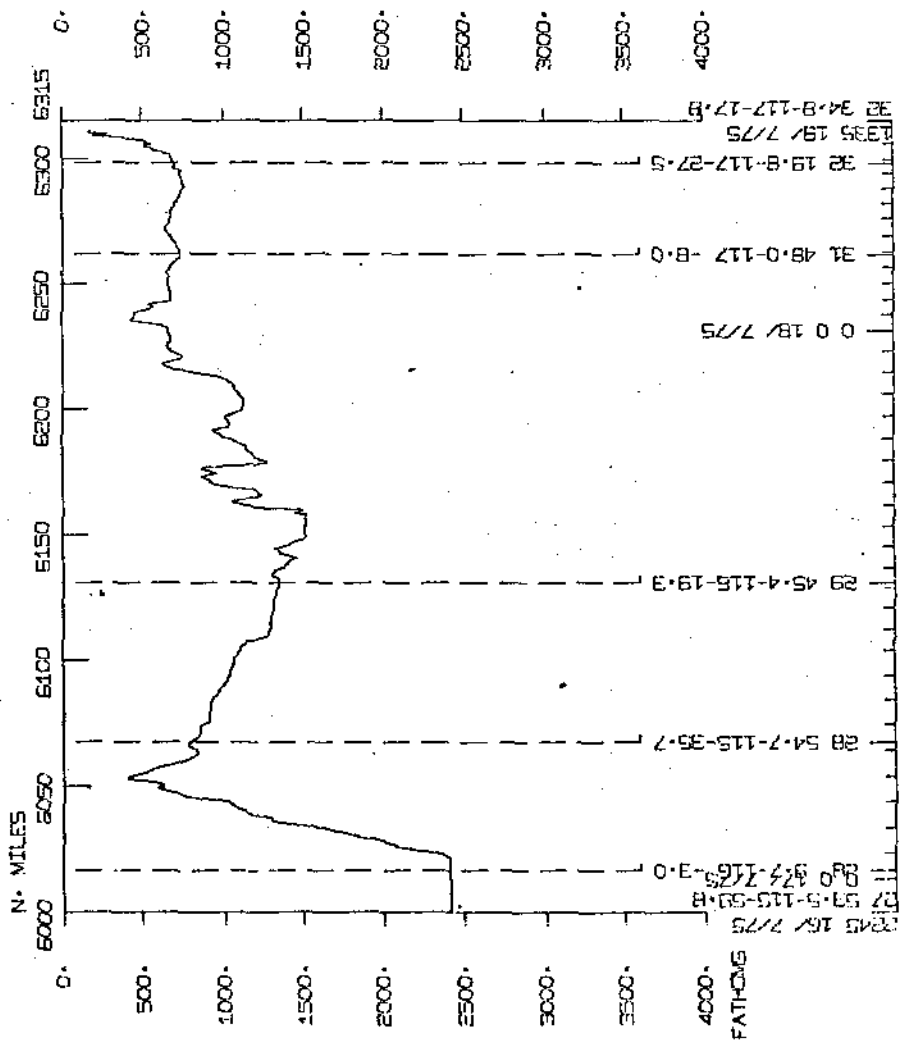
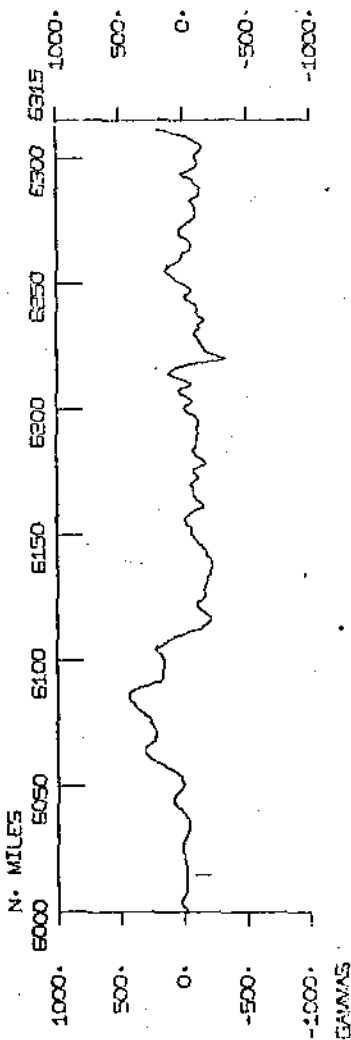




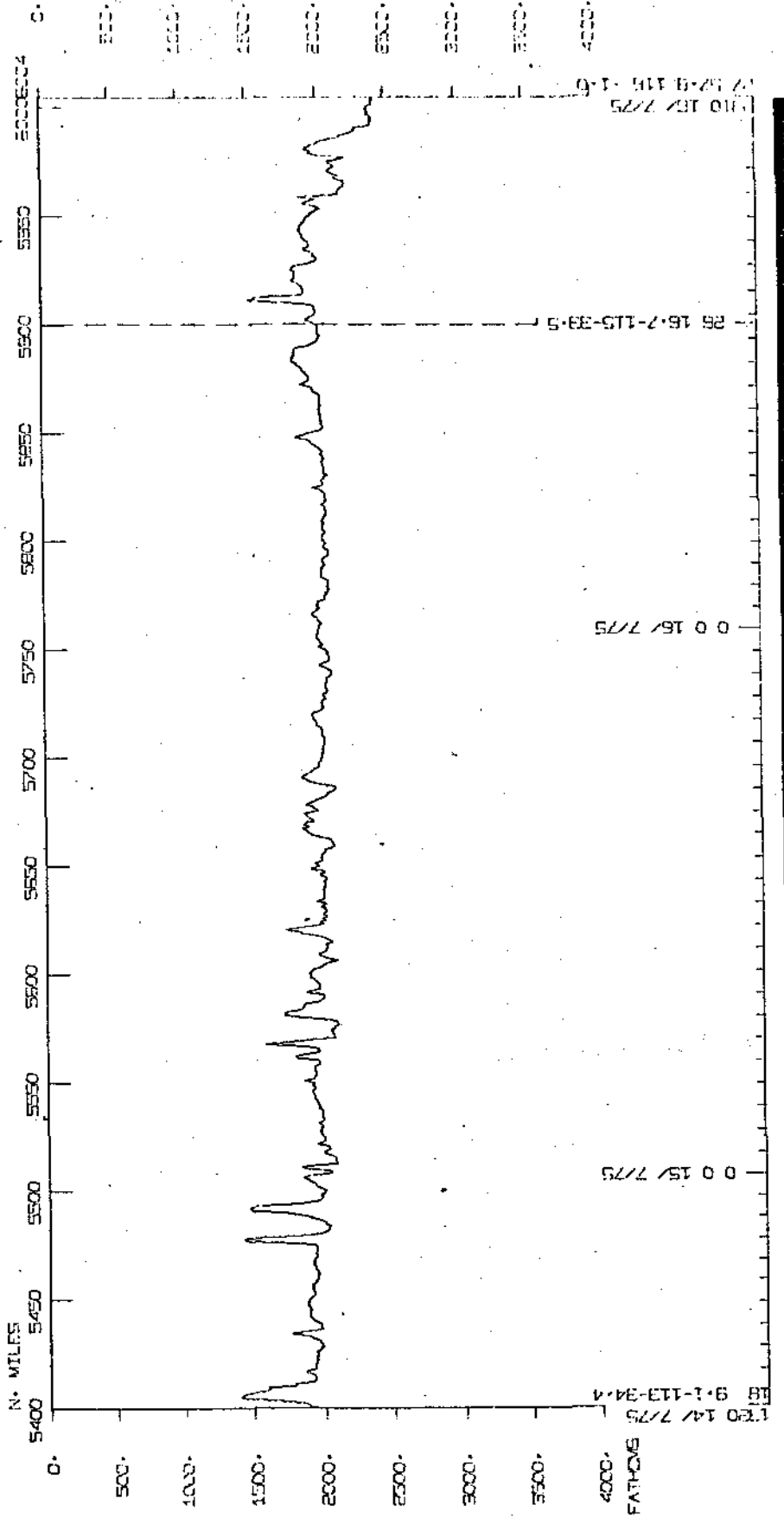
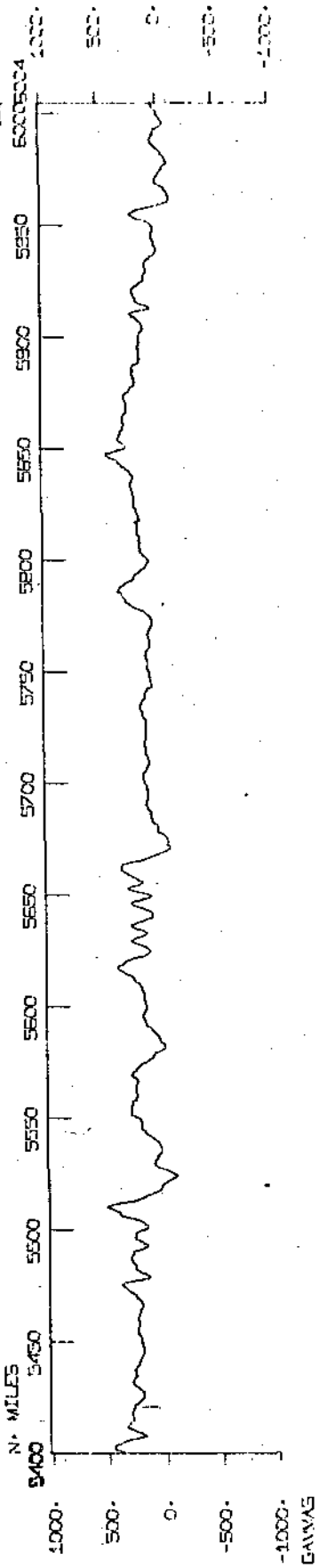
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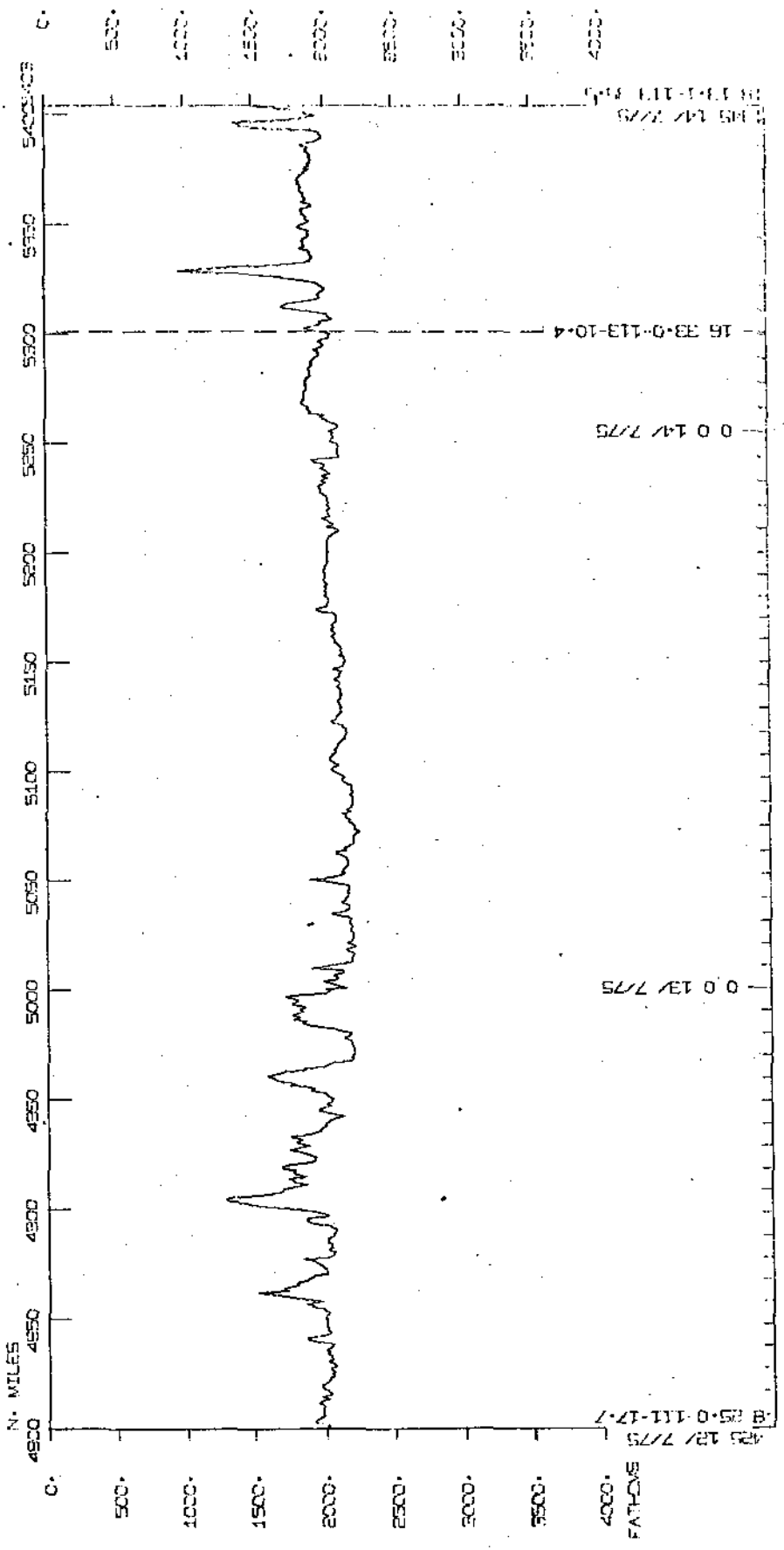
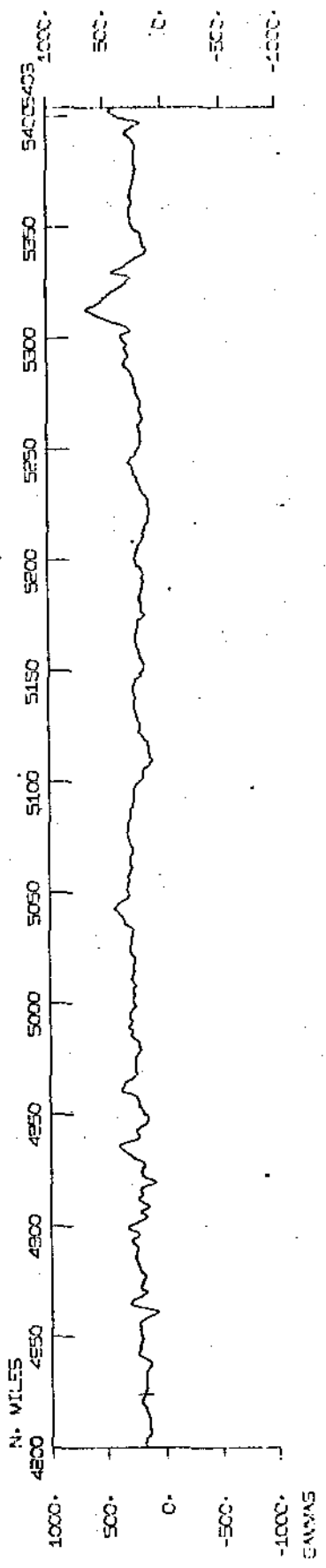
# EURYDICE LEG 11



# EURYDICE LEG 11



# EURDYCE LEG 11

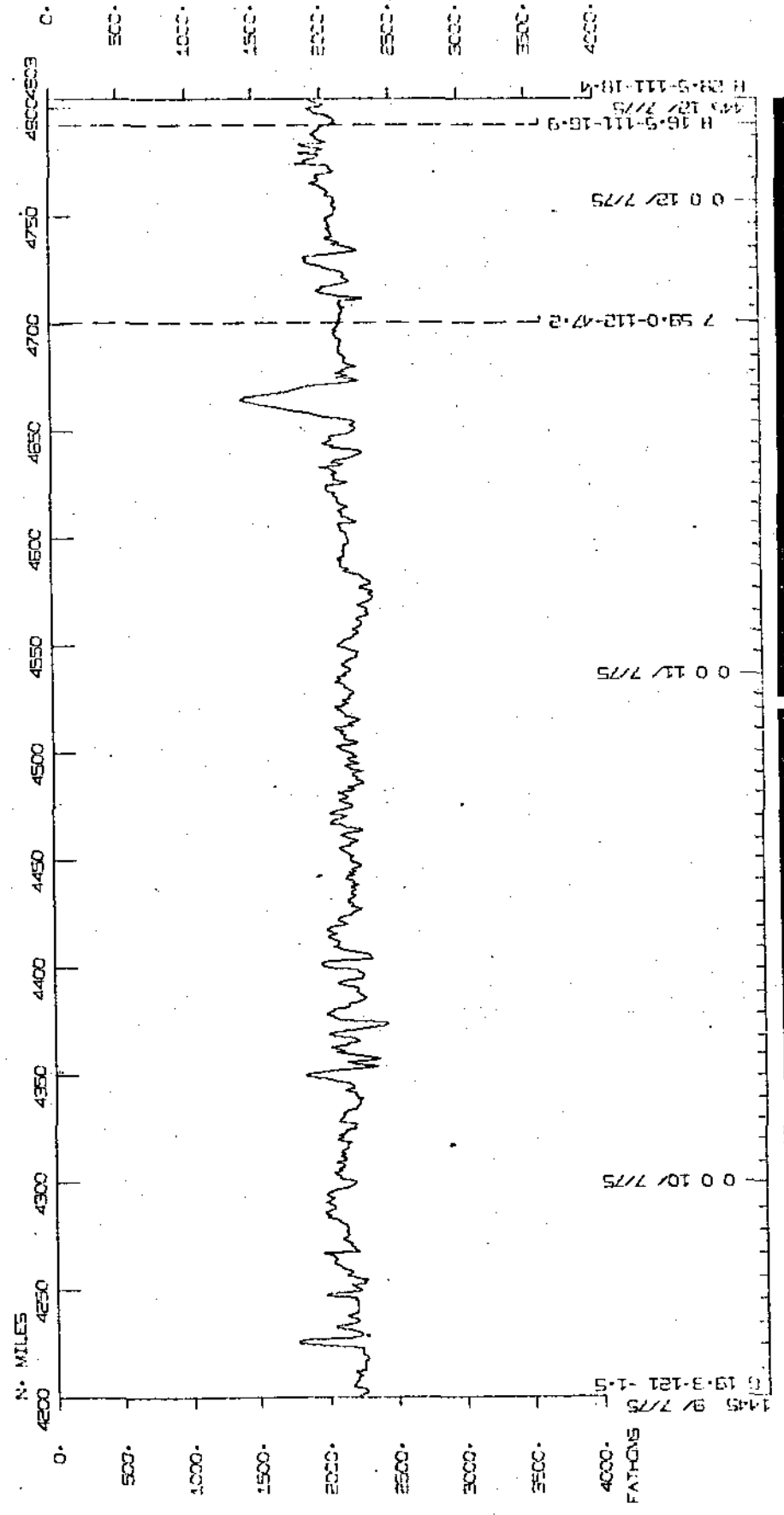
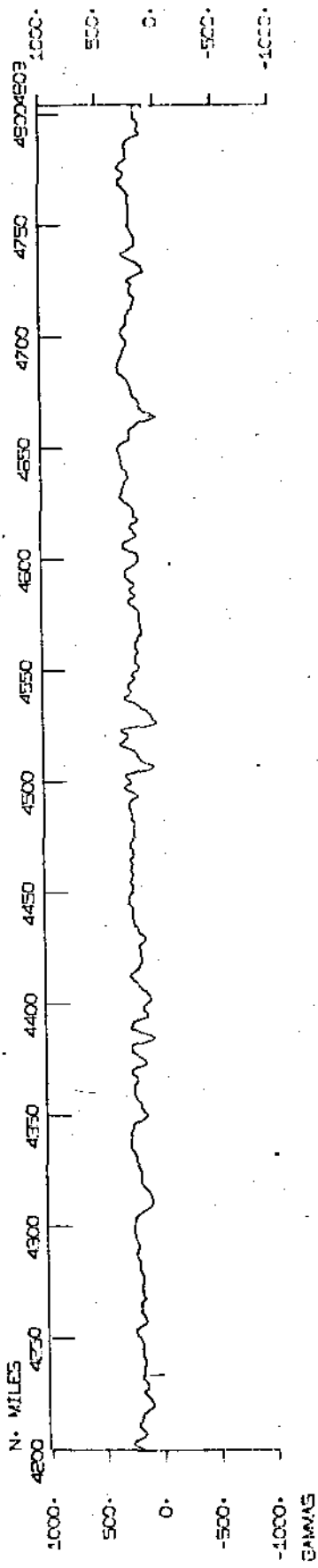


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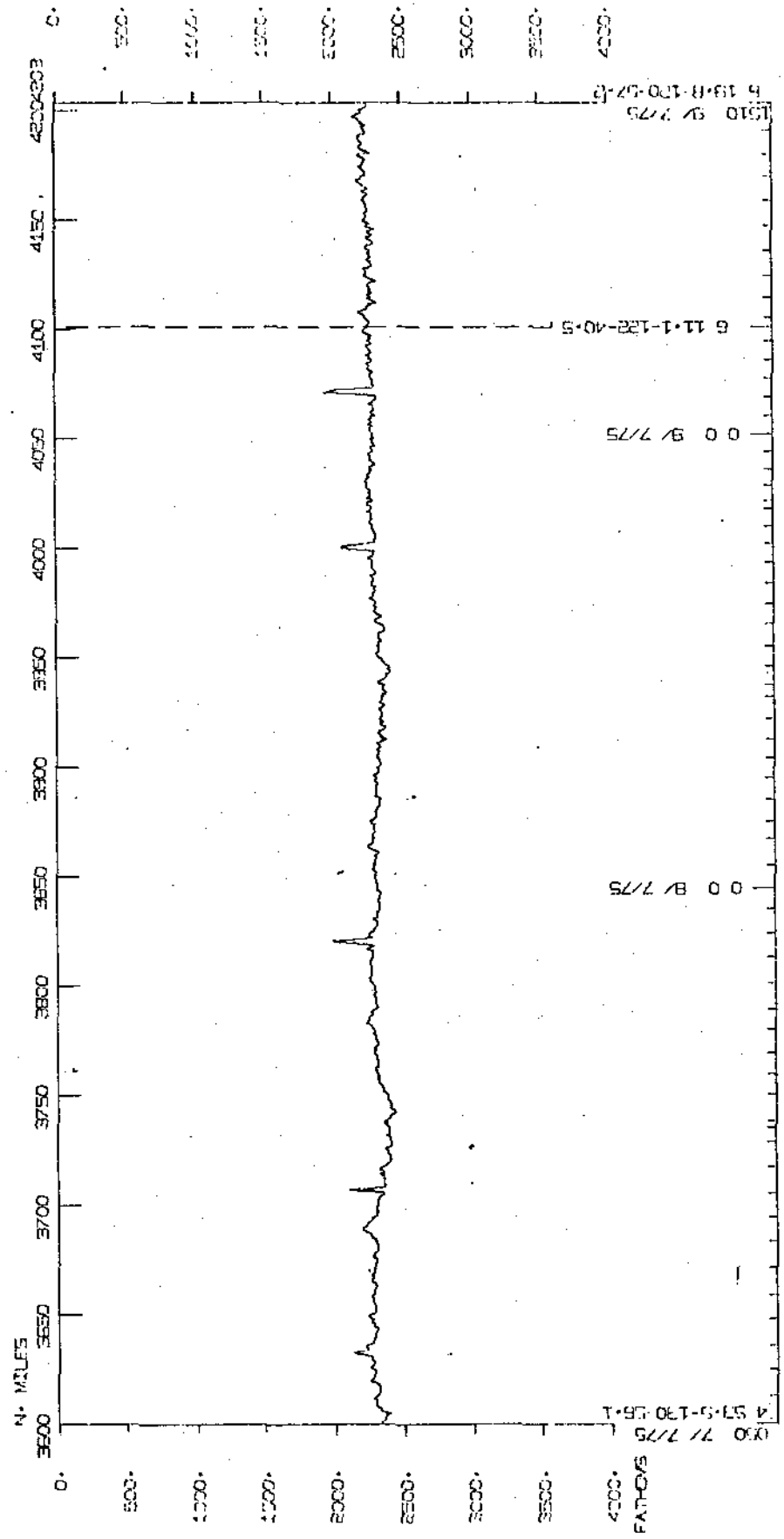
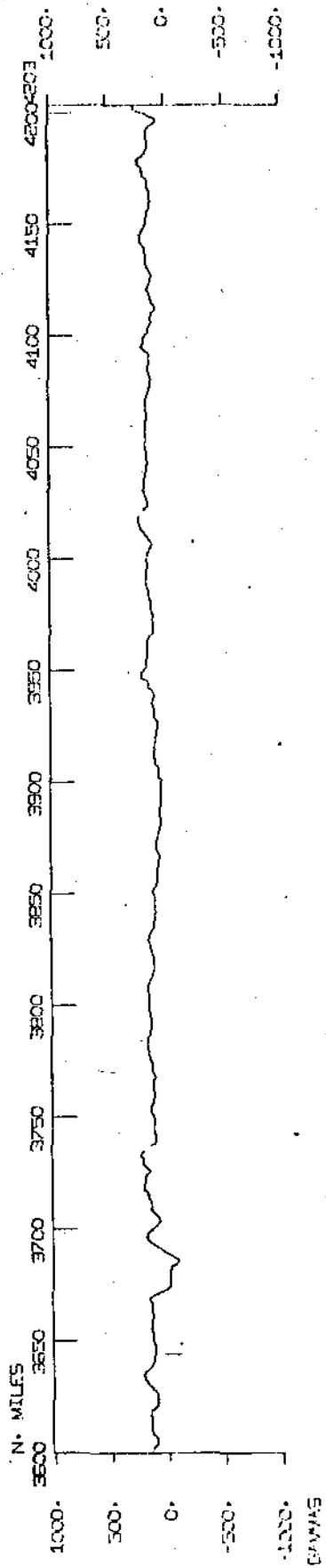
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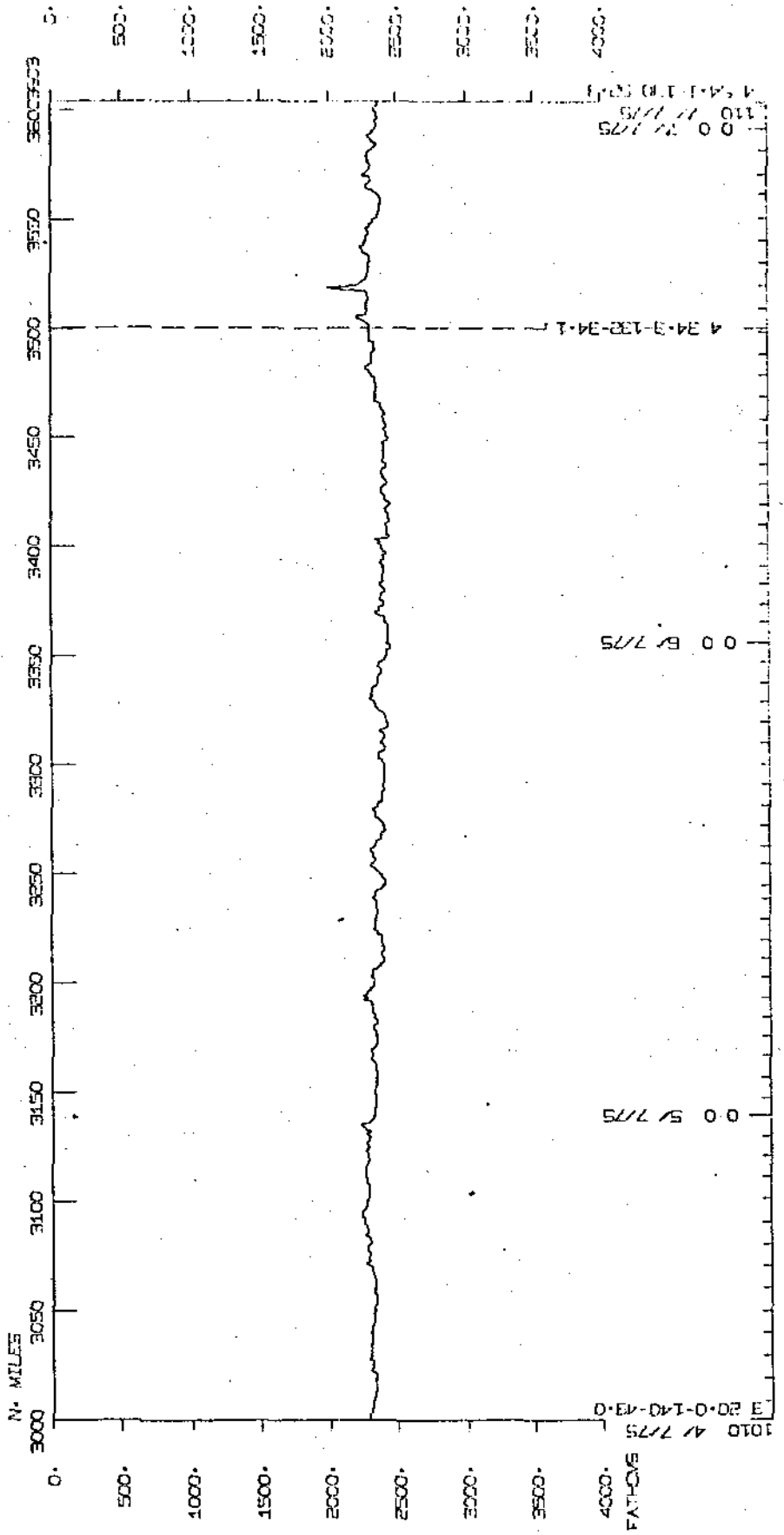
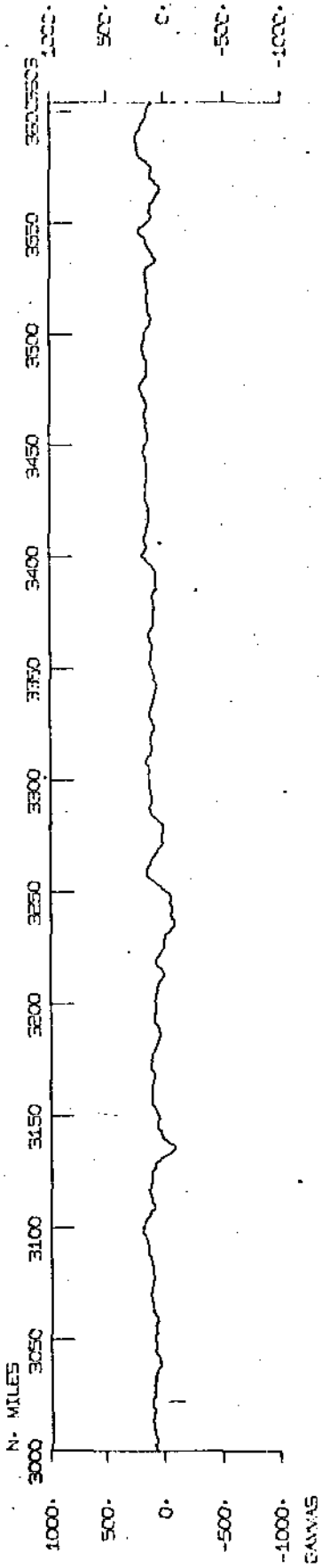
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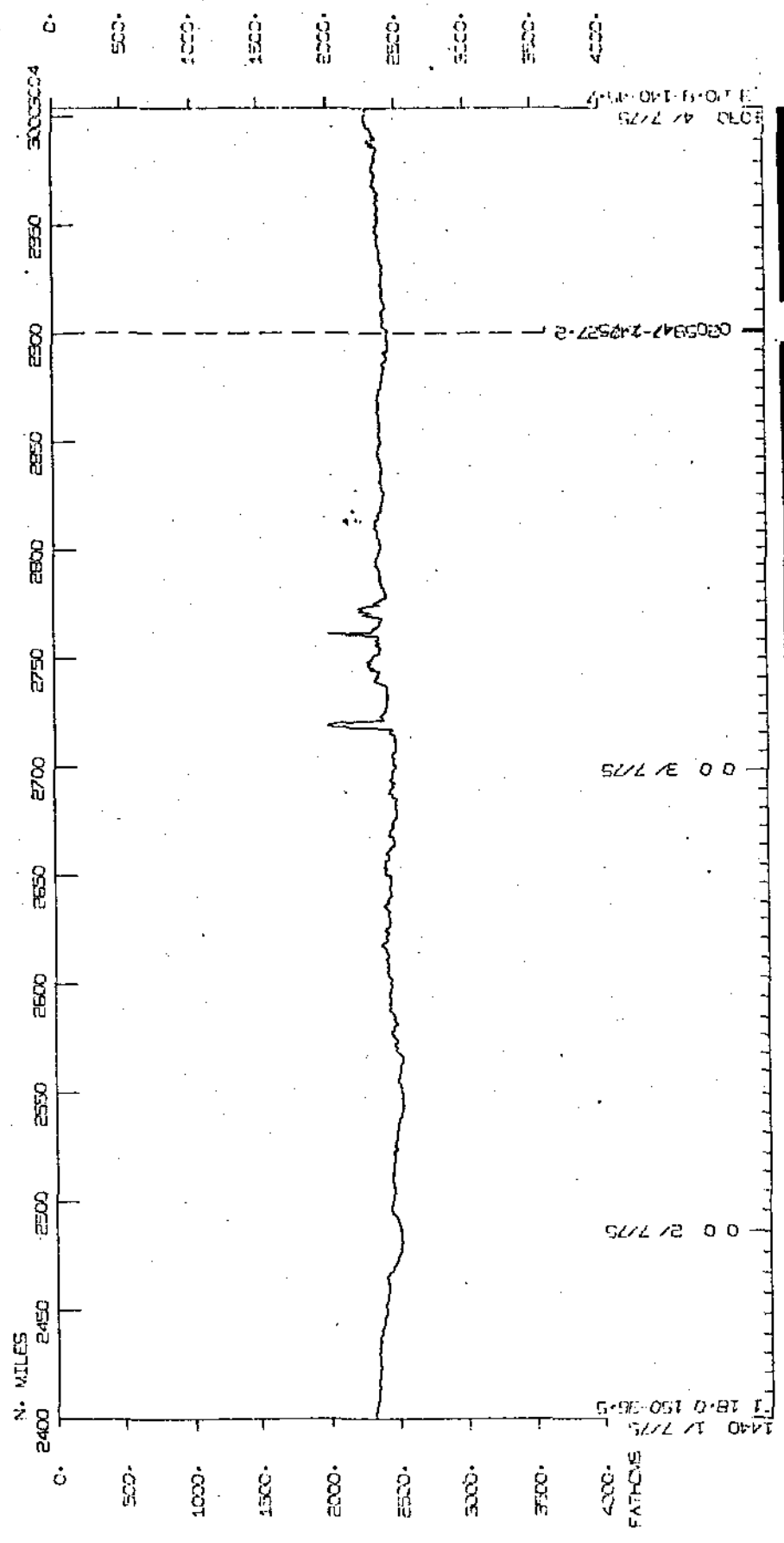
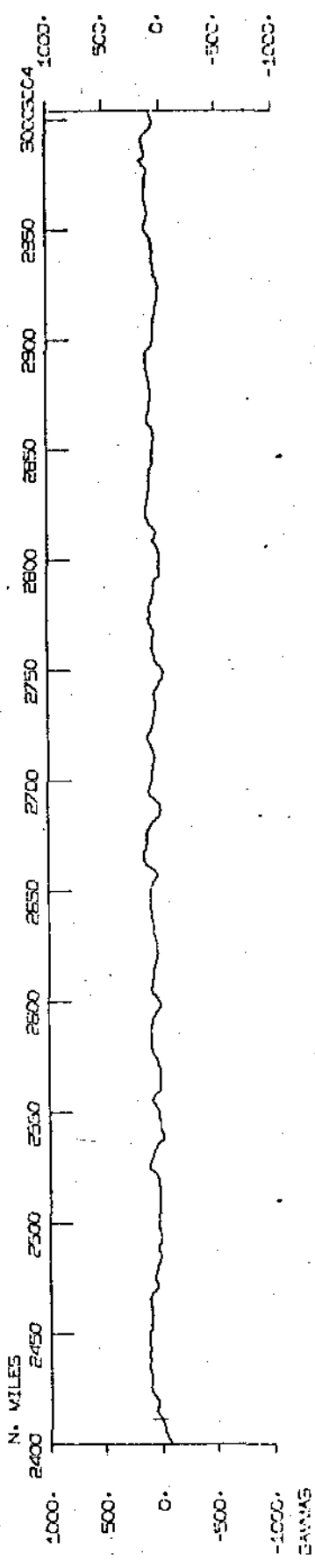
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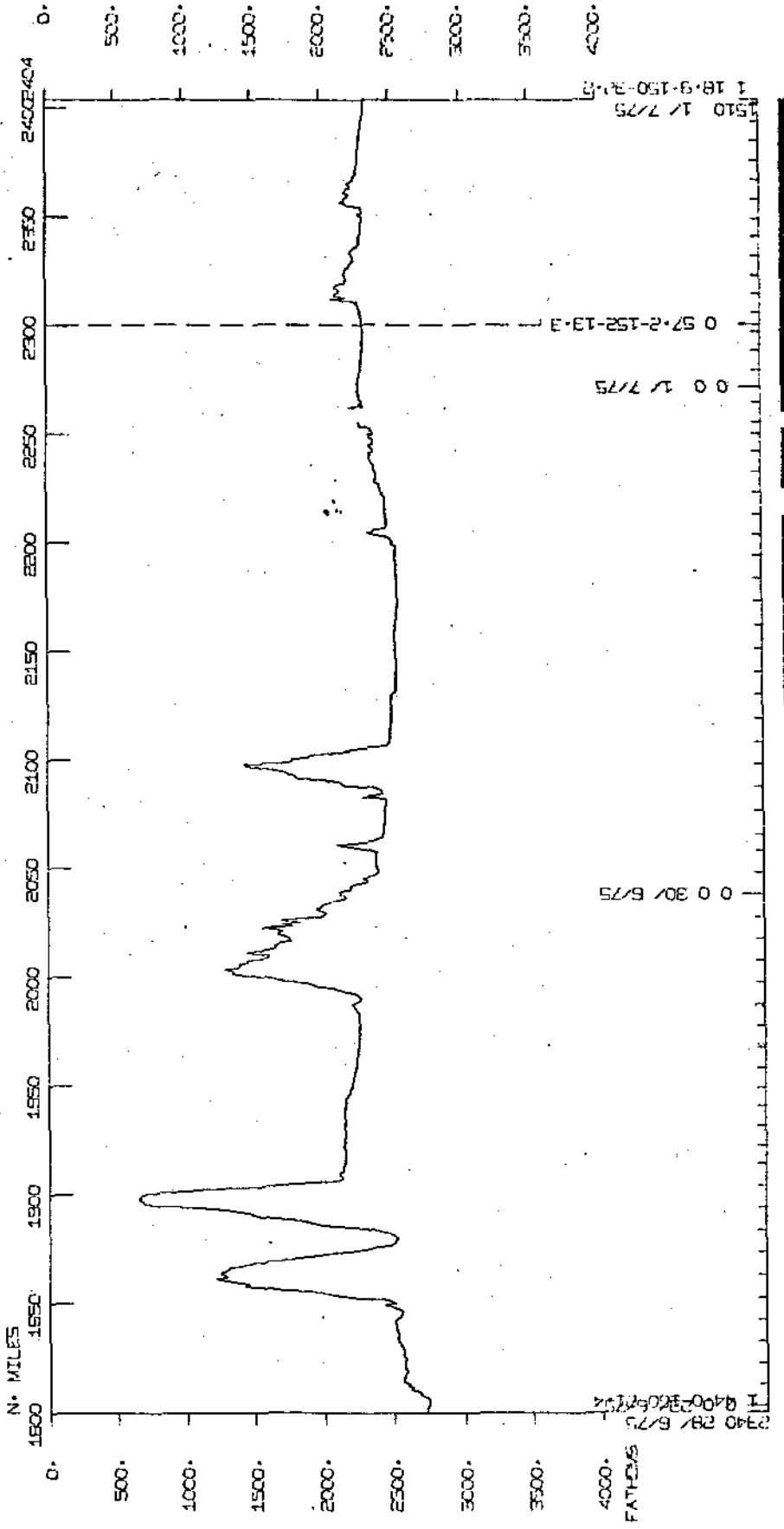
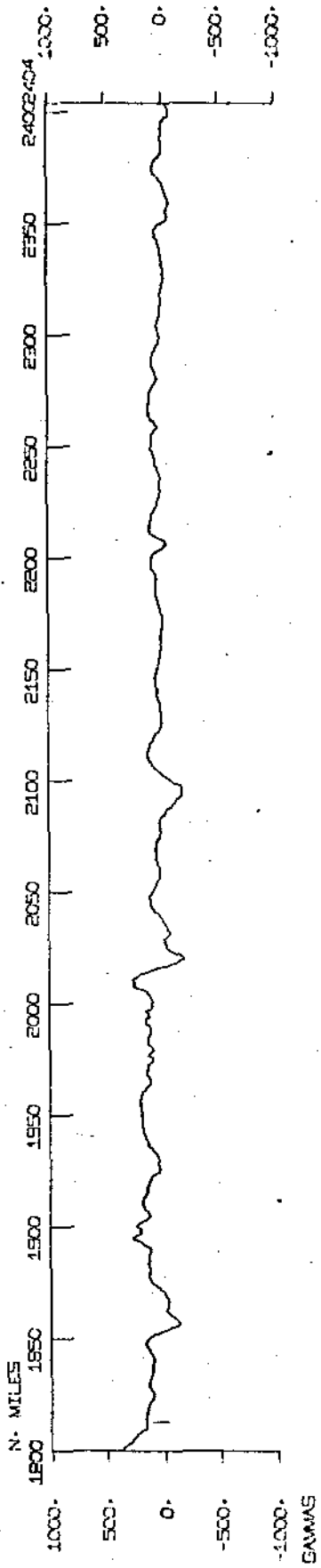
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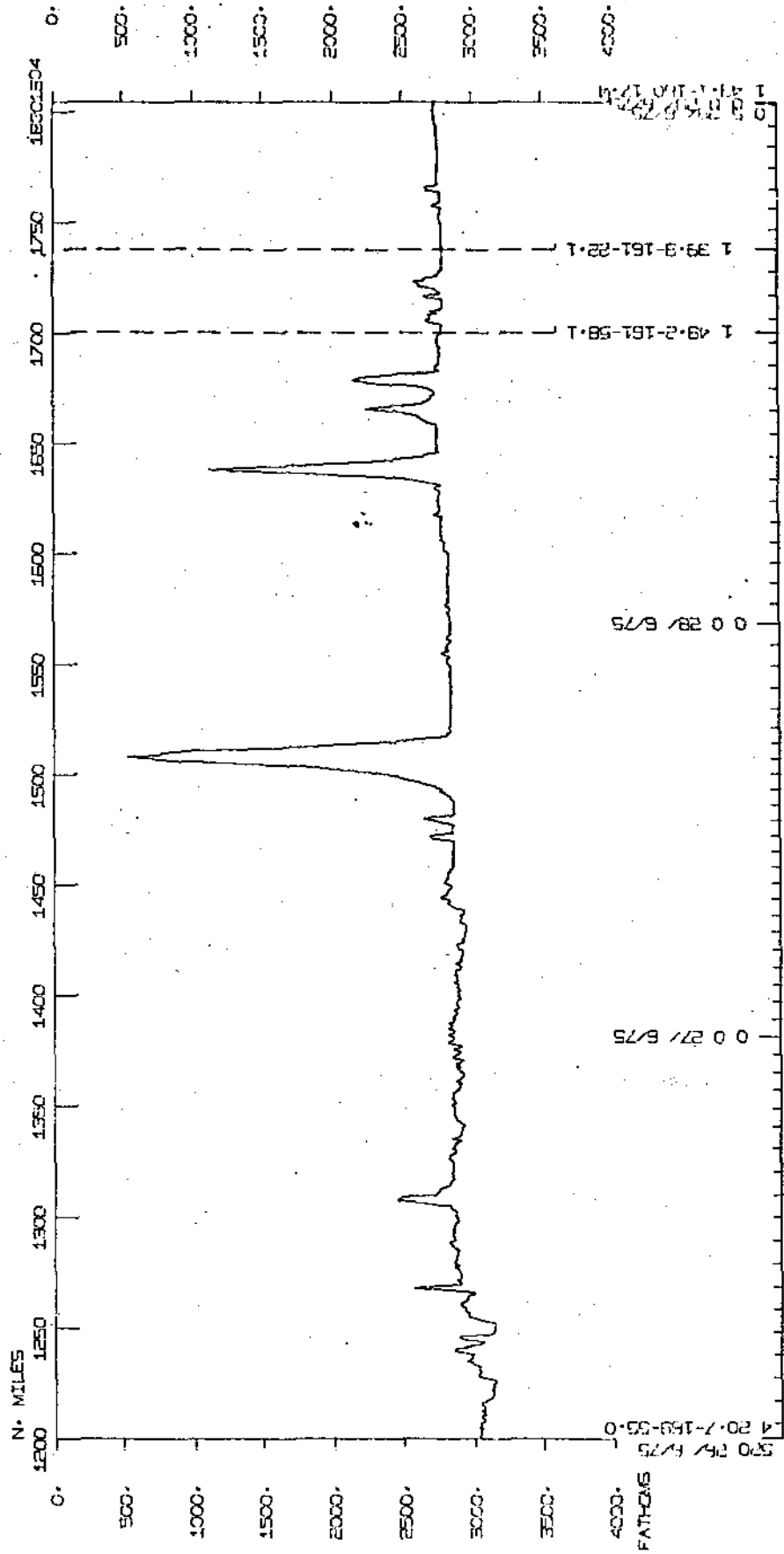
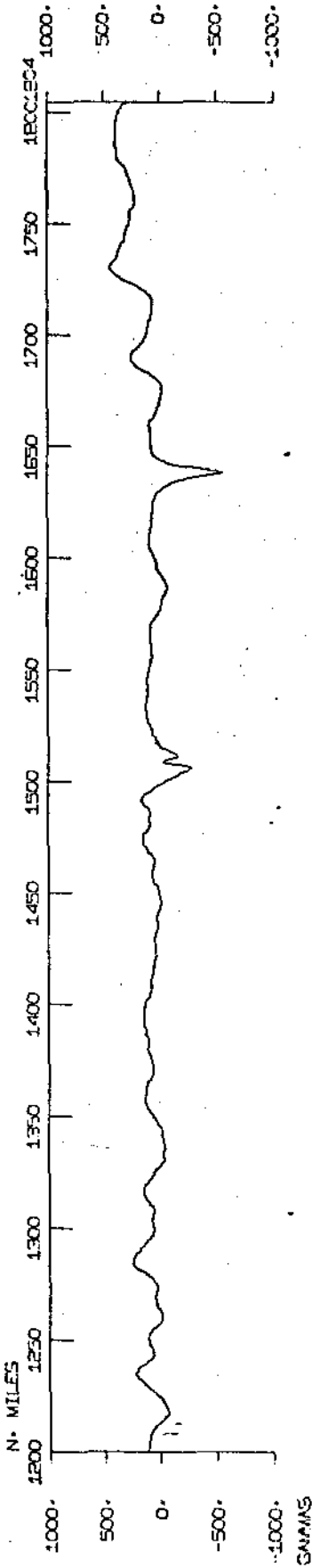




EURYDICE LEG 11



EURYDICE LEG 11



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1 39-3-161-22-1

0 0 28 / 6/75

0 0 27 / 6/75

1 20-7-159-35-0  
570 74 / 6/75

EURYDICE EXPEDITION · LEG 11 · SAMPLE DATA INDEX

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|             |                            |                    |          |
|-------------|----------------------------|--------------------|----------|
| 1800 20 675 | LG11 B MAJURO MARSHALL IS. | 7 63N 171 220E S   | FRDC11WT |
| 1500 18 775 | LG11 E SAN DIEGO CALIF.    | 32 350N 117 177W S | ERDC11WT |

\*\*\*PERSONNEL\*\*\*

|      |             |     |          |
|------|-------------|-----|----------|
| PECS | WINTERER E. | GRD | ERDC11WT |
| PERT | HAUSMAN M.  | MTG | ERDC11WT |
| PECT | ELSTON M.   | MTG | ERDC11WT |
| PEAT | BONGARD R.  | MTG | ERDC11WT |
| PEAT | MCKEE J.    | MTG | ERDC11WT |
| PE   | BIRRE D.    | SIO | ERDC11WT |
| PE   | DIXON T.    | SIO | ERDC11WT |
| PE   | EDGAR T.    | DSD | ERDC11WT |
| PE   | KARAS M.    | SIO | FRDC11WT |
| PE   | MATTHEWS J. | GRD | ERDC11WT |
| PE   | NELSON C.   | SIO | ERDC11WT |
| PE   | NEWHOUSE D. | MTG | ERDC11WT |
| PE   | OGG J.      | SIO | FRDC11WT |
| PE   | SALTMAN J.  | SIO | FRDC11WT |
| PE   | SMITH S.    | MTG | FRDC11WT |
| PE   | STERN R.    | SIO | ERDC11WT |

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

| TIME<br>GMT | DATE<br>D.M.Y. | TIME<br>LUC | TZ<br>LUC | SAMP<br>CODE | SAMPLE IDENT. | DISP<br>CODE | LAT. | LONG. | CRUISE<br>LFG-SHIP |
|-------------|----------------|-------------|-----------|--------------|---------------|--------------|------|-------|--------------------|
|-------------|----------------|-------------|-----------|--------------|---------------|--------------|------|-------|--------------------|

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 UNDERWAY DATA - CURATOR T.E. CHASE (EXT.2182)
 

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## \*\*\* NAVIGATION PLUTS \*\*\*

|      |    |     |  |        |                     |     |         |          |            |
|------|----|-----|--|--------|---------------------|-----|---------|----------|------------|
| 2015 | 20 | 675 |  | NVBP B | BRIDGE PLOT 11-01   | GDC | 7 103N  | 171 108E | S ERDC11WT |
| 600  | 26 | 675 |  | NVBP E | BRIDGE PLOT 11-01   | GDC | 4 187N  | 169 485W | S ERDC11WT |
| 600  | 26 | 675 |  | NVBP B | BRIDGE PLOT 11-02   | GDC | 4 187N  | 169 485W | S ERDC11WT |
| 200  | 1  | 775 |  | NVBP E | BRIDGE PLOT 11-02   | GDC | 0 549N  | 152 255W | S ERDC11WT |
| 200  | 1  | 775 |  | NVBP B | BRIDGE PLOT 11-03   | GDC | 0 549N  | 152 255W | S ERDC11WT |
| 1500 | 4  | 775 |  | NVBP E | BRIDGE PLOT 11-03   | GDC | 3 337N  | 140 5W   | S ERDC11WT |
| 1500 | 4  | 775 |  | NVBP B | BRIDGE PLOT 11-04   | GDC | 3 337N  | 140 5W   | S ERDC11WT |
| 1828 | 12 | 775 |  | NVBP E | BRIDGE PLOT 11-04   | GDC | 10 448N | 111 511W | S ERDC11WT |
| 1828 | 12 | 775 |  | NVBP B | BRIDGE PLOT 11-05   | GDC | 10 448N | 111 511W | S ERDC11WT |
| 820  | 14 | 775 |  | NVBP E | BRIDGE PLOT 11-05   | GDC | 17 186N | 113 220W | S ERDC11WT |
| 820  | 14 | 775 |  | NVBP B | BRIDGE PLOT 11-06   | GDC | 17 186N | 113 220W | S ERDC11WT |
| 2150 | 15 | 775 |  | NVBP E | BRIDGE PLOT 11-06   | GDC | 23 368N | 114 545W | S ERDC11WT |
| 2150 | 15 | 775 |  | NVBP B | BRIDGE PLOT 11-07   | GDC | 23 368N | 114 545W | S ERDC11WT |
| 648  | 17 | 775 |  | NVBP E | BRIDGE PLOT 11-07   | GDC | 29 66N  | 115 458W | S ERDC11WT |
| 648  | 17 | 775 |  | NVBP B | BRIDGE PLOT 11-08   | GDC | 29 66N  | 115 458W | S ERDC11WT |
| 0    | 18 | 775 |  | NVBP E | BRIDGE PLOT 11-08   | GDC | 31 193N | 116 552W | S ERDC11WT |
| 1700 | 20 | 675 |  | NVCP B | COMPUTER PLOT 11-01 | GDC | 7 64N   | 171 224E | S ERDC11WT |
| 600  | 23 | 675 |  | NVCP E | COMPUTER PLOT 11-01 | GDC | 7 373N  | 179 518E | S ERDC11WT |
| 630  | 23 | 675 |  | NVCP B | COMPUTER PLOT 11-02 | GDC | 7 374N  | 179 565E | S ERDC11WT |
| 428  | 26 | 675 |  | NVCP E | COMPUTER PLOT 11-02 | GDC | 4 239N  | 170 33W  | S ERDC11WT |
| 500  | 26 | 675 |  | NVCP B | COMPUTER PLOT 11-03 | GDC | 4 217N  | 169 582W | S ERDC11WT |
| 130  | 29 | 675 |  | NVCP E | COMPUTER PLOT 11-03 | GDC | 1 402N  | 160 40W  | S ERDC11WT |
| 154  | 29 | 675 |  | NVCP B | COMPUTER PLOT 11-04 | GDC | 1 393N  | 160 3W   | S ERDC11WT |
| 1800 | 1  | 775 |  | NVCP E | COMPUTER PLOT 11-04 | GDC | 1 239N  | 150 72W  | S ERDC11WT |
| 1830 | 1  | 775 |  | NVCP B | COMPUTER PLOT 11-05 | GDC | 1 246N  | 150 34W  | S ERDC11WT |
| 1500 | 4  | 775 |  | NVCP E | COMPUTER PLOT 11-05 | GDC | 3 337N  | 140 5W   | S ERDC11WT |
| 1530 | 4  | 775 |  | NVCP B | COMPUTER PLOT 11-06 | GDC | 3 349N  | 139 556W | S ERDC11WT |
| 700  | 7  | 775 |  | NVCP E | COMPUTER PLOT 11-06 | GDC | 5 65N   | 129 463W | S ERDC11WT |
| 730  | 7  | 775 |  | NVCP B | COMPUTER PLOT 11-07 | GDC | 5 72N   | 129 400W | S ERDC11WT |
| 2000 | 9  | 775 |  | NVCP E | COMPUTER PLOT 11-07 | GDC | 6 259N  | 120 62W  | S ERDC11WT |

| TIME<br>GMT | DATE<br>D.M.Y. | TIME<br>LHC | TZ<br>LUC | SAMP<br>CODE | SAMPLE IDENT.       | DISP<br>CODE | LAT.    | LONG.    | CRUISE<br>LFG-SHIP |
|-------------|----------------|-------------|-----------|--------------|---------------------|--------------|---------|----------|--------------------|
| 2000        | 9              | 775         |           | NVCP B       | COMPUTER PLOT 11-08 | GDC          | 6 259N  | 120 62W  | S FRDC11WT         |
| 1400        | 12             | 775         |           | NVCP E       | COMPUTER PLOT 11-08 | GDC          | 10 12N  | 111 390W | S FRDC11WT         |
| 1430        | 12             | 775         |           | NVCP B       | COMPUTER PLOT 11-09 | GDC          | 10 63N  | 111 402W | S FRDC11WT         |
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| 626         | 14             | 775         |           | NVCP B       | COMPUTER PLOT 11-10 | GDC          | 16 590N | 113 168W | S FRDC11WT         |
| 2300        | 15             | 775         |           | NVCP E       | COMPUTER PLOT 11-10 | GDC          | 23 487N | 114 571W | S FRDC11WT         |
| 2330        | 15             | 775         |           | NVCP B       | COMPUTER PLOT 11-11 | GDC          | 23 539N | 114 580W | S FRDC11WT         |
| 100         | 15             | 775         |           | NVCP E       | COMPUTER PLOT 11-11 | GDC          | 20 29N  | 114 37W  | S ERDC11WT         |
| 200         | 15             | 775         |           | NVCP B       | COMPUTER PLOT 11-12 | GDC          | 20 130N | 114 68W  | S FRDC11WT         |
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## \*\*\*FATHIGRAMS \*\*\*

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| 430  | 23 | 675 |  | DPRT B | 12KHZ UGR ROLL 01  | GDC | 7 373N  | 179 382E | S FRDC11WT |
| 645  | 27 | 675 |  | DPRT E | 12KHZ UGR ROLL 01  | GDC | 3 87N   | 166 117W | S FRDC11WT |
| 710  | 27 | 675 |  | DPRT B | 12KHZ UGR ROLL 02  | GDC | 3 79N   | 166 86W  | S FRDC11WT |
| 48   | 30 | 675 |  | DPRT E | 12KHZ UGR ROLL 02  | GDC | 0 492N  | 156 231W | S FRDC11WT |
| 119  | 30 | 675 |  | DPRT B | 12KHZ UGR ROLL 03  | GDC | 0 486N  | 156 179W | S FRDC11WT |
| 1505 | 2  | 775 |  | DPRT E | 12KHZ UGR ROLL 03  | GDC | 2 97N   | 147 13W  | S FRDC11WT |
| 1525 | 2  | 775 |  | DPRT B | 12KHZ UGR ROLL 04  | GDC | 2 105N  | 146 585W | S FRDC11WT |
| 912  | 5  | 775 |  | DPRT E | 12KHZ UGR ROLL 04  | GDC | 4 44N   | 137 128W | S FRDC11WT |
| 923  | 5  | 775 |  | DPRT B | 12KHZ UGR ROLL 05  | GDC | 4 43N   | 137 110W | S FRDC11WT |
| 2325 | 7  | 775 |  | DPRT E | 12KHZ UGR ROLL 05  | GDC | 5 219N  | 126 592W | S ERDC11WT |
| 2337 | 7  | 775 |  | DPRT B | 12KHZ UGR ROLL 06  | GDC | 5 221N  | 126 572W | S FRDC11WT |
| 1049 | 11 | 775 |  | DPRT E | 12KHZ UGR ROLL 06  | GDC | 7 478N  | 113 451W | S FRDC11WT |
| 1059 | 11 | 775 |  | DPRT B | 12KHZ UGR ROLL 07  | GDC | 7 480N  | 113 436W | S FRDC11WT |
| 230  | 16 | 775 |  | DPRT E | 12KHZ UGR ROLL 07  | GDC | 24 237N | 115 36W  | S ERDC11WT |
| 240  | 16 | 775 |  | DPRT B | 12KHZ UGR ROLL 08  | GDC | 24 254N | 115 40W  | S FRDC11WT |
| 1330 | 18 | 775 |  | DPRT E | 12KHZ UGR ROLL 08  | GDC | 32 346N | 117 180W | S FRDC11WT |
| 1815 | 20 | 675 |  | DPR3 B | 3.5KHZ GDR ROLL 01 | GDC | 7 59N   | 171 217E | S ERDC11WT |
| 335  | 22 | 675 |  | DPR3 E | 3.5KHZ GDR ROLL 01 | GDC | 7 368N  | 175 511E | S FRDC11WT |
| 341  | 22 | 675 |  | DPR3 B | 3.5KHZ GDR ROLL 02 | GDC | 7 368N  | 175 521E | S FRDC11WT |
| 1125 | 24 | 675 |  | DPR3 E | 3.5KHZ GDR ROLL 02 | GDC | 7 6N    | 176 24W  | S ERDC11WT |

| TIME<br>GMT | DATE<br>D.M.Y. | TINE<br>LOC | TZ<br>LOC | SAMP<br>CODE | SAMPLE<br>IDENT.   | DISP<br>CODE | LAT.    | LONG.    | CRUISE<br>LEG-SHIP |
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| 1132        | 24             | 675         |           | DPR3 B       | 3.5KHZ GDR ROLL 03 | GDC          | 7 3N    | 176 14W  | S FRDC11WT         |
| 1945        | 26             | 675         |           | DPR3 E       | 3.5KHZ GDR ROLL 03 | GDC          | 3 334N  | 167 356W | S FRDC11WT         |
| 2003        | 26             | 675         |           | DPR3 B       | 3.5KHZ GDR ROLL 04 | GDC          | 3 325N  | 167 334W | S FRDC11WT         |
| 55          | 30             | 675         |           | DPR3 E       | 3.5KHZ GDR ROLL 04 | GDC          | 0 490N  | 156 220W | S FRDC11WT         |
| 100         | 30             | 675         |           | DPR3 B       | 3.5KHZ GDR ROLL 05 | GDC          | 0 489N  | 156 211W | S FRDC11WT         |
| 245         | 2              | 775         |           | DPR3 E       | 3.5KHZ GDR ROLL 05 | GDC          | 1 403N  | 148 483W | S FRDC11WT         |
| 251         | 2              | 775         |           | DPR3 B       | 3.5KHZ GDR ROLL 06 | GDC          | 1 406N  | 148 473W | S FRDC11WT         |
| 925         | 4              | 775         |           | DPR3 E       | 3.5KHZ GDR ROLL 06 | GDC          | 3 182N  | 140 563W | S ERDC11WT         |
| 929         | 4              | 775         |           | DPR3 B       | 3.5KHZ GDR ROLL 07 | GDC          | 3 184N  | 140 557W | S ERDC11WT         |
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| 433         | 7              | 775         |           | DPR3 B       | 3.5KHZ GDR ROLL 08 | GDC          | 5 20N   | 130 147W | S FRDC11WT         |
| 1222        | 9              | 775         |           | DPR3 E       | 3.5KHZ GDR ROLL 08 | GDC          | 6 182N  | 121 272W | S ERDC11WT         |
| 1242        | 9              | 775         |           | DPR3 B       | 3.5KHZ GDR ROLL 09 | GDC          | 6 184N  | 121 232W | S FRDC11WT         |
| 1530        | 11             | 775         |           | DPR3 E       | 3.5KHZ GDR ROLL 09 | GDC          | 7 555N  | 113 66W  | S FRDC11WT         |
| 1536        | 11             | 775         |           | DPR3 B       | 3.5KHZ GDR ROLL 10 | GDC          | 7 556N  | 113 59W  | S FRDC11WT         |
| 609         | 14             | 775         |           | DPR3 E       | 3.5KHZ GDR ROLL 10 | GDC          | 16 558N | 113 160W | S FRDC11WT         |
| 616         | 14             | 775         |           | DPR3 B       | 3.5KHZ GDR ROLL 11 | GDC          | 16 571N | 113 163W | S FRDC11WT         |
| 1640        | 16             | 775         |           | DPR3 E       | 3.5KHZ GDR ROLL 11 | GDC          | 26 501N | 115 402W | S FRDC11WT         |
| 1646        | 16             | 775         |           | DPR3 B       | 3.5KHZ GDR ROLL 12 | GDC          | 26 512N | 115 406W | S FRDC11WT         |
| 1236        | 18             | 775         |           | DPR3 E       | 3.5KHZ GDR ROLL 12 | GDC          | 32 310N | 117 204W | S FRDC11WT         |

\*\*\*GRAVIMETRIC RECORDS\*\*\* CURATOR E.R. DORMAN (EXT.2406)

|      |    |     |  |       |                    |     |         |          |            |
|------|----|-----|--|-------|--------------------|-----|---------|----------|------------|
| 1900 | 17 | 675 |  | GVR B | GRAVITY ROLL 11-01 | LMD | 7 64N   | 171 224E | S FRDC11WT |
| 2220 | 22 | 675 |  | GVR E | GRAVITY ROLL 11-01 | LMD | 7 356N  | 178 440E | S FRDC11WT |
| 2225 | 22 | 675 |  | GVR B | GRAVITY ROLL 11-02 | LMD | 7 356N  | 178 447E | S FRDC11WT |
| 430  | 28 | 675 |  | GVR E | GRAVITY ROLL 11-02 | LMD | 2 121N  | 163 258W | S FRDC11WT |
| 445  | 28 | 675 |  | GVR B | GRAVITY ROLL 11-03 | LMD | 2 112N  | 163 236W | S ERDC11WT |
| 730  | 3  | 775 |  | GVR E | GRAVITY ROLL 11-03 | LMD | 2 319N  | 144 425W | S ERDC11WT |
| 800  | 3  | 775 |  | GVR B | GRAVITY ROLL 11-04 | LMD | 2 327N  | 144 383W | S ERDC11WT |
| 902  | 8  | 775 |  | GVR E | GRAVITY ROLL 11-04 | LMD | 5 397N  | 125 270W | S FRDC11WT |
| 920  | 8  | 775 |  | GVR B | GRAVITY ROLL 11-05 | LMD | 5 401N  | 125 259W | S FRDC11WT |
| 1450 | 13 | 775 |  | GVR E | GRAVITY ROLL 11-05 | LMD | 14 153N | 112 358W | S FRDC11WT |
| 1515 | 13 | 775 |  | GVR B | GRAVITY ROLL 11-06 | LMD | 14 195N | 112 368W | S FRDC11WT |
| 1500 | 18 | 775 |  | GVR E | GRAVITY ROLL 11-06 | LMD | 32 350N | 117 177W | S ERDC11WT |

| TIME<br>GMT | DATE<br>D.M.Y. | TIME<br>LOC | IZ<br>LOC | SAMP<br>CODE | SAMPLE IDENT. | DISP<br>CODE | LAT. | LONG. | CRUISE<br>LEG-SHIP |
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## \*\*\* MAGNETOMETER \*\*\*

|      |    |     |  |     |                     |     |         |          |            |
|------|----|-----|--|-----|---------------------|-----|---------|----------|------------|
| 1823 | 20 | 675 |  | MGR | B MAGNETICS ROLL 01 | GDC | 7 59N   | 171 213E | S ERDC11WT |
| 434  | 28 | 675 |  | MGR | E MAGNETICS ROLL 01 | GDC | 2 119N  | 163 252W | S ERDC11WT |
| 441  | 28 | 675 |  | MGR | B MAGNETICS ROLL 02 | GDC | 2 115N  | 163 242W | S ERDC11WT |
| 1203 | 9  | 775 |  | MGR | E MAGNETICS ROLL 02 | GDC | 6 180N  | 121 309W | S ERDC11WT |
| 1208 | 9  | 775 |  | MGR | B MAGNETICS ROLL 03 | GDC | 6 181N  | 121 300W | S ERDC11WT |
| 1247 | 18 | 775 |  | MGR | E MAGNETICS ROLL 03 | GDC | 32 320N | 117 198W | S ERDC11WT |

## \*\*\* SEISMIC REFLECTION PROFILES \*\*\*

|      |    |     |  |      |                  |     |         |          |            |
|------|----|-----|--|------|------------------|-----|---------|----------|------------|
| 2120 | 20 | 675 |  | SPRF | B AIRGUN ROLL 01 | GDC | 7 138N  | 171 157E | S ERDC11WT |
| 1919 | 29 | 675 |  | SPRF | E AIRGUN ROLL 01 | GDC | 0 554N  | 157 183W | S ERDC11WT |
| 1927 | 29 | 675 |  | SPRF | B AIRGUN ROLL 02 | GDC | 0 552N  | 157 170W | S ERDC11WT |
| 537  | 18 | 775 |  | SPRF | E AIRGUN ROLL 02 | GDC | 31 526N | 117 100W | S ERDC11WT |
| 540  | 18 | 775 |  | SPRF | B AIRGUN ROLL 03 | GDC | 31 529N | 117 102W | S ERDC11WT |
| 1247 | 18 | 775 |  | SPRF | E AIRGUN ROLL 03 | GDC | 32 320N | 117 198W | S ERDC11WT |
| 2120 | 20 | 675 |  | SPRS | B AIRGUN ROLL 01 | GDC | 7 138N  | 171 157E | S ERDC11WT |
| 2123 | 23 | 675 |  | SPRS | E AIRGUN ROLL 01 | GDC | 7 233N  | 177 547W | S ERDC11WT |
| 2129 | 23 | 675 |  | SPRS | B AIRGUN ROLL 02 | GDC | 7 228N  | 177 539W | S ERDC11WT |
| 2125 | 12 | 775 |  | SPRS | E AIRGUN ROLL 02 | GDC | 11 142N | 112 2W   | S ERDC11WT |
| 2130 | 12 | 775 |  | SPRS | B AIRGUN ROLL 03 | GDC | 11 151N | 112 5W   | S ERDC11WT |
| 1247 | 18 | 775 |  | SPRS | E AIRGUN ROLL 03 | GDC | 32 320N | 117 198W | S ERDC11WT |

| TIME<br>GMT | DATE<br>D.M.Y. | TIME<br>LOC | TZ<br>LOC | SAMP<br>CODE | SAMPLE IDENT. | DISP<br>CODE | LAT. | LONG. | CRUISE<br>LEG-SHIP |
|-------------|----------------|-------------|-----------|--------------|---------------|--------------|------|-------|--------------------|
|-------------|----------------|-------------|-----------|--------------|---------------|--------------|------|-------|--------------------|

## \*\*\* SONOBOUY DROP \*\*\* SEISMIC REFRACTION MONITORING

|                |              |                |  |                   |                                |                |                   |                     |                       |
|----------------|--------------|----------------|--|-------------------|--------------------------------|----------------|-------------------|---------------------|-----------------------|
| 2134           | 22           | 675            |  | SRMM B            | SONOBOUY STA. 11-01            | <del>ELW</del> | 7 355N            | 178 370E            | S ERDC11WT            |
| 2236           | 22           | 675            |  | SRMM E            | SONOBOUY STA. 11-01            | <del>ELW</del> | 7 356N            | 178 463E            | S ERDC11WT            |
| 333            | 24           | 675            |  | SRMM B            | SONOBOUY STA. 11-02            | ELW            | 6 553N            | 177 51W             | S ERDC11WT            |
| 547            | 24           | 675            |  | SRMM E            | SONOBOUY STA. 11-02            | ELW            | 7 71N             | 176 487W            | S ERDC11WT            |
| 353            | 24           | 675            |  | SRMM B            | SONOBOUY STA. 11-03            | ELW            | 6 570N            | 177 26W             | S ERDC11WT            |
| 547            | 24           | 675            |  | SRMM E            | SONOBOUY STA. 11-03            | ELW            | 7 71N             | 176 487W            | S ERDC11WT            |
| 638            | 24           | 675            |  | SRMM B            | SONOBOUY STA. 11-04            | ELW            | 7 112N            | 176 436W            | S ERDC11WT            |
| 704            | 24           | 675            |  | SRMM E            | SONOBOUY STA. 11-04            | ELW            | 7 136N            | 176 405W            | S ERDC11WT            |
| 1726           | 28           | 675            |  | SRMM B            | SONOBOUY STA. 11-05            | ELW            | 1 409N            | 161 193W            | S ERDC11WT            |
| 1930           | 28           | 675            |  | SRMM E            | SONOBOUY STA. 11-05            | ELW            | 1 474N            | 160 595W            | S ERDC11WT            |
| 1207           | 29           | 675            |  | SRMM B            | SONOBOUY STA. 11-06            | ELW            | 1 181N            | 158 210W            | S ERDC11WT            |
| 1240           | 29           | 675            |  | SRMM E            | SONOBOUY STA. 11-06            | ELW            | 1 158N            | 158 166W            | S ERDC11WT            |
| 1303           | 29           | 675            |  | SRMM B            | SONOBOUY STA. 11-07            | ELW            | 1 139N            | 158 132W            | S ERDC11WT            |
| 1517           | 29           | 675            |  | SRMM E            | SONOBOUY STA. 11-07            | ELW            | 1 35N             | 157 560W            | S ERDC11WT            |
| 1636           | 30           | 675            |  | SRMM B            | SONOBOUY STA. 11-08            | ELW            | 0 357N            | 153 421W            | S ERDC11WT            |
| 1802           | 30           | 675            |  | SRMM E            | SONOBOUY STA. 11-08            | ELW            | 0 393N            | 153 279W            | S ERDC11WT            |
| 1830           | 30           | 675            |  | SRMM B            | SONOBOUY STA. 11-09            | ELW            | 0 401N            | 153 244W            | S ERDC11WT            |
| 2016           | 30           | 675            |  | SRMM E            | SONOBOUY STA. 11-09            | ELW            | 0 440N            | 153 70W             | S ERDC11WT            |
| 2044           | 30           | 675            |  | SRMM B            | SONOBOUY STA. 11-10            | ELW            | 0 449N            | 153 37W             | S ERDC11WT            |
| 2313           | 30           | 675            |  | SRMM E            | SONOBOUY STA. 11-10            | ELW            | 0 500N            | 152 469W            | S ERDC11WT            |
| 2334           | 30           | 675            |  | SRMM B            | SONOBOUY STA. 11-11            | ELW            | 0 504N            | 152 456W            | S ERDC11WT            |
| 30             | 1            | 775            |  | SRMM E            | SONOBOUY STA. 11-11            | ELW            | 0 524N            | 152 381W            | S ERDC11WT            |
| 125            | 2            | 775            |  | SRMM B            | SONOBOUY STA. 11-12            | ELW            | 1 376N            | 148 597W            | S ERDC11WT            |
| 309            | 2            | 775            |  | SRMM E            | SONOBOUY STA. 11-12            | ELW            | 1 412N            | 148 444W            | S ERDC11WT            |
| 324            | 1            | 775            |  | SRMM B            | SONOBOUY STA. 11-13            | ELW            | 0 572N            | 152 134W            | S ERDC11WT            |
| <del>324</del> | <del>1</del> | <del>775</del> |  | <del>SRMM E</del> | <del>SONOBOUY STA. 11-13</del> | <del>ELW</del> | <del>0 572N</del> | <del>152 134W</del> | <del>S ERDC11WT</del> |
| 330            | 2            | 775            |  | SRMM B            | SONOBOUY STA. 11-14            | ELW            | 1 417N            | 148 422W            | S ERDC11WT            |
| 518            | 2            | 775            |  | SRMM E            | SONOBOUY STA. 11-14            | ELW            | 1 456N            | 148 249W            | S ERDC11WT            |
| 538            | 2            | 775            |  | SRMM B            | SONOBOUY STA. 11-15            | ELW            | 1 461N            | 148 229W            | S ERDC11WT            |
| 759            | 2            | 775            |  | SRMM E            | SONOBOUY STA. 11-15            | ELW            | 1 515N            | 148 4W              | S ERDC11WT            |
| 822            | 2            | 775            |  | SRMM B            | SONOBOUY STA. 11-16            | ELW            | 1 521N            | 147 581W            | S ERDC11WT            |
| 930            | 2            | 775            |  | SRMM E            | SONOBOUY STA. 11-16            | ELW            | 1 547N            | 147 486W            | S ERDC11WT            |
| 1030           | 3            | 775            |  | SRMM B            | SONOBOUY STA. 11-17            | ELW            | 2 365N            | 144 173W            | S ERDC11WT            |



| TIME<br>GMT | DATE<br>D.M.Y. | TIME<br>LOC | TZ<br>LOC | SAMP<br>CODE | SAMPLE IDENT.       | DISP<br>CODE | LAT.   | LONG.    | CRUISE<br>LFG-SHIP |
|-------------|----------------|-------------|-----------|--------------|---------------------|--------------|--------|----------|--------------------|
| 1237        | 3              | 775         |           | SRMM E       | SONOBOUY STA. 11-17 | ELW          | 2 401N | 143 596W | S FRDC11WT         |
| 1301        | 3              | 775         |           | SRMM B       | SONOBOUY STA. 11-18 | ELW          | 2 405N | 143 574W | S FRDC11WT         |
| 1526        | 3              | 775         |           | SRMM E       | SONOBOUY STA. 11-18 | ELW          | 2 442N | 143 365W | S FRDC11WT         |
| 1707        | 3              | 775         |           | SRMM B       | SONOBOUY STA. 11-19 | ELW          | 2 466N | 143 231W | S FRDC11WT         |
| 1858        | 3              | 775         |           | SRMM E       | SONOBOUY STA. 11-19 | ELW          | 2 491N | 143 76W  | S FRDC11WT         |
| 1919        | 3              | 775         |           | SRMM B       | SONOBOUY STA. 11-20 | ELW          | 2 493N | 143 57W  | S FRDC11WT         |
| 2057        | 3              | 775         |           | SRMM E       | SONOBOUY STA. 11-20 | ELW          | 2 524N | 142 524W | S FRDC11WT         |
| 440         | 4              | 775         |           | SRMM B       | SONOBOUY STA. 11-21 | ELW          | 3 79N  | 141 430W | S FRDC11WT         |
| 530         | 4              | 775         |           | SRMM E       | SONOBOUY STA. 11-21 | ELW          | 3 96N  | 141 349W | S FRDC11WT         |
| 613         | 4              | 775         |           | SRMM B       | SONOBOUY STA. 11-22 | ELW          | 3 110N | 141 278W | S ERDC11WT         |
| 700         | 4              | 775         |           | SRMM E       | SONOBOUY STA. 11-22 | ELW          | 3 125N | 141 201W | S ERDC11WT         |
| 1643        | 4              | 775         |           | SRMM B       | SONOBOUY STA. 11-23 | ELW          | 3 374N | 139 434W | S FRDC11WT         |
| 1730        | 4              | 775         |           | SRMM E       | SONOBOUY STA. 11-23 | ELW          | 3 391N | 139 357W | S FRDC11WT         |
| 2129        | 4              | 775         |           | SRMM B       | SONOBOUY STA. 11-24 | ELW          | 3 497N | 138 569W | S FRDC11WT         |
| 2327        | 4              | 775         |           | SRMM E       | SONOBOUY STA. 11-24 | ELW          | 3 549N | 138 387W | S ERDC11WT         |
| 102         | 5              | 775         |           | SRMM B       | SONOBOUY STA. 11-25 | ELW          | 3 583N | 138 261W | S ERDC11WT         |
| 301         | 5              | 775         |           | SRMM E       | SONOBOUY STA. 11-25 | ELW          | 4 18N  | 138 70W  | S ERDC11WT         |
| 314         | 5              | 775         |           | SRMM B       | SONOBOUY STA. 11-26 | ELW          | 4 21N  | 138 53W  | S ERDC11WT         |
| 524         | 5              | 775         |           | SRMM E       | SONOBOUY STA. 11-26 | ELW          | 4 34N  | 137 461W | S FRDC11WT         |
| 628         | 5              | 775         |           | SRMM B       | SONOBOUY STA. 11-27 | ELW          | 4 39N  | 137 367W | S FRDC11WT         |
| 819         | 5              | 775         |           | SRMM E       | SONOBOUY STA. 11-27 | ELW          | 4 41N  | 137 203W | S FRDC11WT         |
| 1126        | 5              | 775         |           | SRMM B       | SONOBOUY STA. 11-28 | ELW          | 4 51N  | 136 521W | S FRDC11WT         |
| 1146        | 5              | 775         |           | SRMM E       | SONOBOUY STA. 11-28 | ELW          | 4 55N  | 136 509W | S ERDC11WT         |
| 1223        | 5              | 775         |           | SRMM B       | SONOBOUY STA. 11-29 | ELW          | 4 64N  | 136 455W | S FRDC11WT         |
| 1306        | 5              | 775         |           | SRMM E       | SONOBOUY STA. 11-29 | ELW          | 4 73N  | 136 388W | S ERDC11WT         |
| 1738        | 5              | 775         |           | SRMM B       | SONOBOUY STA. 11-30 | ELW          | 4 104N | 135 570W | S ERDC11WT         |
| 1820        | 5              | 775         |           | SRMM E       | SONOBOUY STA. 11-30 | ELW          | 4 108N | 135 504W | S FRDC11WT         |
| 2054        | 5              | 775         |           | SRMM B       | SONOBOUY STA. 11-31 | ELW          | 4 128N | 135 258W | S ERDC11WT         |
| 2247        | 5              | 775         |           | SRMM E       | SONOBOUY STA. 11-31 | ELW          | 4 150N | 135 86W  | S ERDC11WT         |
| 2347        | 5              | 775         |           | SRMM B       | SONOBOUY STA. 11-32 | ELW          | 4 161N | 134 596W | S ERDC11WT         |
| 141         | 6              | 775         |           | SRMM E       | SONOBOUY STA. 11-32 | ELW          | 4 181N | 134 424W | S FRDC11WT         |
| 322         | 6              | 775         |           | SRMM B       | SONOBOUY STA. 11-33 | ELW          | 4 194N | 134 275W | S ERDC11WT         |
| 528         | 6              | 775         |           | SRMM E       | SONOBOUY STA. 11-33 | ELW          | 4 212N | 134 81W  | S FRDC11WT         |
| 604         | 6              | 775         |           | SRMM B       | SONOBOUY STA. 11-34 | ELW          | 4 217N | 134 32W  | S FRDC11WT         |
| 816         | 6              | 775         |           | SRMM E       | SONOBOUY STA. 11-34 | ELW          | 4 231N | 133 424W | S FRDC11WT         |

| TIME<br>GMT | DATE<br>D.M.Y. | TIME<br>LUC | TZ<br>LUC | SAMP<br>CODE | SAMPLE IDENT.       | DISP<br>CODE | LAT.   | LONG.    | CRUISE<br>LFG-SHIP |
|-------------|----------------|-------------|-----------|--------------|---------------------|--------------|--------|----------|--------------------|
| 2212        | 6              | 775         |           | SRMM B       | SONOBOUY STA. 11-35 | ELW          | 4 496N | 131 229W | S FRDC11WT         |
| 18          | 7              | 775         |           | SRMM E       | SONOBOUY STA. 11-35 | ELW          | 4 526N | 131 8W   | S FRDC11WT         |
| 103         | 7              | 775         |           | SRMM B       | SONOBOUY STA. 11-36 | ELW          | 4 538N | 130 536W | S ERDC11WT         |
| 254         | 7              | 775         |           | SRMM E       | SONOBOUY STA. 11-36 | ELW          | 4 576N | 130 330W | S FRDC11WT         |
| 423         | 7              | 775         |           | SRMM B       | SONOBOUY STA. 11-37 | ELW          | 5 16N  | 130 167W | S FRDC11WT         |
| 604         | 7              | 775         |           | SRMM E       | SONOBOUY STA. 11-37 | ELW          | 5 48N  | 129 577W | S ERDC11WT         |
| 620         | 7              | 775         |           | SRMM B       | SONOBOUY STA. 11-38 | ELW          | 5 53N  | 129 544W | S FRDC11WT         |
| 745         | 7              | 775         |           | SRMM E       | SONOBOUY STA. 11-38 | ELW          | 5 75N  | 129 368W | S ERDC11WT         |
| 856         | 7              | 775         |           | SRMM B       | SONOBOUY STA. 11-39 | ELW          | 5 90N  | 129 237W | S FRDC11WT         |
| 1045        | 7              | 775         |           | SRMM E       | SONOBOUY STA. 11-39 | ELW          | 5 113N | 129 26W  | S ERDC11WT         |
| 1120        | 7              | 775         |           | SRMM B       | SONOBOUY STA. 11-40 | ELW          | 5 120N | 128 565W | S ERDC11WT         |
| 1200        | 7              | 775         |           | SRMM E       | SONOBOUY STA. 11-40 | ELW          | 5 128N | 128 485W | S ERDC11WT         |
| 1443        | 7              | 775         |           | SRMM B       | SONOBOUY STA. 11-41 | ELW          | 5 153N | 128 307W | S ERDC11WT         |
| 1533        | 7              | 775         |           | SRMM E       | SONOBOUY STA. 11-41 | ELW          | 5 159N | 128 220W | S ERDC11WT         |
| 1600        | 7              | 775         |           | SRMM B       | SONOBOUY STA. 11-42 | ELW          | 5 161N | 128 181W | S ERDC11WT         |
| 1823        | 7              | 775         |           | SRMM E       | SONOBOUY STA. 11-42 | ELW          | 5 174N | 127 534W | S ERDC11WT         |
| 1900        | 7              | 775         |           | SRMM B       | SONOBOUY STA. 11-43 | ELW          | 5 174N | 127 483W | S ERDC11WT         |
| 2128        | 7              | 775         |           | SRMM E       | SONOBOUY STA. 11-43 | ELW          | 5 194N | 127 192W | S ERDC11WT         |
| 2336        | 7              | 775         |           | SRMM B       | SONOBOUY STA. 11-44 | ELW          | 5 221N | 126 574W | S ERDC11WT         |
| 151         | 8              | 775         |           | SRMM E       | SONOBOUY STA. 11-44 | ELW          | 5 262N | 126 326W | S ERDC11WT         |
| 357         | 8              | 775         |           | SRMM B       | SONOBOUY STA. 11-45 | ELW          | 5 299N | 126 141W | S FRDC11WT         |
| 441         | 8              | 775         |           | SRMM E       | SONOBOUY STA. 11-45 | ELW          | 5 314N | 126 70W  | S ERDC11WT         |
| 450         | 8              | 775         |           | SRMM B       | SONOBOUY STA. 11-46 | ELW          | 5 317N | 126 55W  | S ERDC11WT         |
| 606         | 8              | 775         |           | SRMM E       | SONOBOUY STA. 11-46 | ELW          | 5 342N | 125 535W | S FRDC11WT         |
| 709         | 8              | 775         |           | SRMM B       | SONOBOUY STA. 11-47 | ELW          | 5 357N | 125 448W | S FRDC11WT         |
| 848         | 8              | 775         |           | SRMM E       | SONOBOUY STA. 11-47 | ELW          | 5 392N | 125 289W | S ERDC11WT         |
| 958         | 8              | 775         |           | SRMM B       | SONOBOUY STA. 11-48 | ELW          | 5 411N | 125 221W | S ERDC11WT         |
| 1202        | 8              | 775         |           | SRMM E       | SONOBOUY STA. 11-48 | ELW          | 5 448N | 125 40W  | S ERDC11WT         |
| 1222        | 8              | 775         |           | SRMM B       | SONOBOUY STA. 11-49 | ELW          | 5 454N | 125 7W   | S ERDC11WT         |
| 1330        | 8              | 775         |           | SRMM E       | SONOBOUY STA. 11-49 | ELW          | 5 478N | 124 490W | S ERDC11WT         |
| 1602        | 8              | 775         |           | SRMM B       | SONOBOUY STA. 11-50 | ELW          | 5 520N | 124 263W | S ERDC11WT         |
| 1808        | 8              | 775         |           | SRMM E       | SONOBOUY STA. 11-50 | ELW          | 5 557N | 124 93W  | S ERDC11WT         |
| 2041        | 8              | 775         |           | SRMM B       | SONOBOUY STA. 11-51 | ELW          | 5 594N | 123 550W | S FRDC11WT         |
| 2326        | 8              | 775         |           | SRMM E       | SONOBOUY STA. 11-51 | ELW          | 6 48N  | 123 339W | S FRDC11WT         |
| 2350        | 8              | 775         |           | SRMM B       | SONOBOUY STA. 11-52 | ELW          | 6 51N  | 123 307W | S FRDC11WT         |
| 309         | 9              | 775         |           | SRMM E       | SONOBOUY STA. 11-52 | ELW          | 6 86N  | 123 24W  | S FRDC11WT         |

| TIME<br>GMT | DATE<br>D.M.Y. | TIME TZ<br>LDC LDC | SAMP<br>CODE | SAMPLE IDENT.       | DISP<br>CODE | LAT.   | LONG.    | CRUISE<br>LFG-SHIP |
|-------------|----------------|--------------------|--------------|---------------------|--------------|--------|----------|--------------------|
| 345         | 9              | 775                | SRMM B       | SONOBOUY STA. 11-53 | ELW          | 6 92N  | 122 577W | S ERDC11WT         |
| 611         | 9              | 775                | SRMM E       | SONOBOUY STA. 11-53 | ELW          | 6 118N | 122 337W | S ERDC11WT         |
| 635         | 9              | 775                | SRMM B       | SONOBOUY STA. 11-54 | ELW          | 6 122N | 122 307W | S ERDC11WT         |
| 845         | 9              | 775                | SRMM E       | SONOBOUY STA. 11-54 | ELW          | 6 151N | 122 80W  | S ERDC11WT         |
| 926         | 9              | 775                | SRMM B       | SONOBOUY STA. 11-55 | ELW          | 6 159N | 122 1W   | S ERDC11WT         |
| 1146        | 9              | 775                | SRMM E       | SONOBOUY STA. 11-55 | ELW          | 6 178N | 121 332W | S ERDC11WT         |
| 1211        | 9              | 775                | SRMM B       | SONOBOUY STA. 11-56 | ELW          | 6 181N | 121 294W | S ERDC11WT         |
| 1432        | 9              | 775                | SRMM E       | SONOBOUY STA. 11-56 | ELW          | 6 192N | 121 35W  | S ERDC11WT         |
| 1455        | 9              | 775                | SRMM B       | SONOBOUY STA. 11-57 | ELW          | 6 195N | 120 600W | S ERDC11WT         |
| 1456        | 9              | 775                | SRMM E       | SONOBOUY STA. 11-57 | ELW          | 6 195N | 120 598W | S ERDC11WT         |
| 1502        | 9              | 775                | SRMM B       | SONOBOUY STA. 11-58 | ELW          | 6 196N | 120 587W | S ERDC11WT         |
| 1706        | 9              | 775                | SRMM E       | SONOBOUY STA. 11-58 | ELW          | 6 220N | 120 364W | S ERDC11WT         |
| 1840        | 9              | 775                | SRMM B       | SONOBOUY STA. 11-59 | ELW          | 6 240N | 120 202W | S ERDC11WT         |
| 2038        | 9              | 775                | SRMM E       | SONOBOUY STA. 11-59 | ELW          | 6 270N | 119 590W | S ERDC11WT         |
| 2122        | 9              | 775                | SRMM B       | SONOBOUY STA. 11-60 | ELW          | 6 282N | 119 519W | S ERDC11WT         |
| 2350        | 9              | 775                | SRMM E       | SONOBOUY STA. 11-60 | ELW          | 6 334N | 119 247W | S ERDC11WT         |
| 25          | 10             | 775                | SRMM B       | SONOBOUY STA. 11-61 | ELW          | 6 346N | 119 198W | S ERDC11WT         |
| 58          | 10             | 775                | SRMM E       | SONOBOUY STA. 11-61 | ELW          | 6 361N | 119 137W | S ERDC11WT         |
| 114         | 10             | 775                | SRMM B       | SONOBOUY STA. 11-62 | ELW          | 6 368N | 119 107W | S ERDC11WT         |
| 340         | 10             | 775                | SRMM E       | SONOBOUY STA. 11-62 | ELW          | 6 416N | 118 458W | S ERDC11WT         |
| 412         | 10             | 775                | SRMM B       | SONOBOUY STA. 11-63 | ELW          | 6 423N | 118 413W | S ERDC11WT         |
| 537         | 10             | 775                | SRMM E       | SONOBOUY STA. 11-63 | ELW          | 6 447N | 118 274W | S ERDC11WT         |
| 718         | 10             | 775                | SRMM B       | SONOBOUY STA. 11-64 | ELW          | 6 477N | 118 115W | S ERDC11WT         |
| 949         | 10             | 775                | SRMM E       | SONOBOUY STA. 11-64 | ELW          | 6 534N | 117 458W | S ERDC11WT         |
| 1022        | 10             | 775                | SRMM B       | SONOBOUY STA. 11-65 | ELW          | 6 544N | 117 410W | S ERDC11WT         |
| 1226        | 10             | 775                | SRMM E       | SONOBOUY STA. 11-65 | ELW          | 6 591N | 117 199W | S ERDC11WT         |
| 1248        | 10             | 775                | SRMM B       | SONOBOUY STA. 11-66 | ELW          | 7 0N   | 117 160W | S ERDC11WT         |
| 1446        | 10             | 775                | SRMM E       | SONOBOUY STA. 11-66 | ELW          | 7 48N  | 116 549W | S ERDC11WT         |
| 1727        | 10             | 775                | SRMM B       | SONOBOUY STA. 11-67 | ELW          | 7 109N | 116 290W | S ERDC11WT         |
| 1935        | 10             | 775                | SRMM E       | SONOBOUY STA. 11-67 | ELW          | 7 157N | 116 79W  | S ERDC11WT         |
| 2100        | 10             | 775                | SRMM B       | SONOBOUY STA. 11-68 | ELW          | 7 188N | 115 542W | S ERDC11WT         |
| 2332        | 10             | 775                | SRMM E       | SONOBOUY STA. 11-68 | ELW          | 7 239N | 115 330W | S ERDC11WT         |
| 40          | 11             | 775                | SRMM B       | SONOBOUY STA. 11-69 | ELW          | 7 265N | 115 222W | S ERDC11WT         |
| 230         | 11             | 775                | SRMM E       | SONOBOUY STA. 11-69 | ELW          | 7 315N | 115 45W  | S ERDC11WT         |
| 423         | 11             | 775                | SRMM B       | SONOBOUY STA. 11-70 | ELW          | 7 358N | 114 458W | S ERDC11WT         |

| TIME<br>GMT    | DATE<br>D.M.Y. | TIME<br>LUC    | TZ<br>LUC | SAMP<br>CODE      | SAMPLE IDENT.                  | DISP<br>CODE   | LAT.              | LONG.               | CRUISE<br>LFG-SHIP    |
|----------------|----------------|----------------|-----------|-------------------|--------------------------------|----------------|-------------------|---------------------|-----------------------|
| 651            | 11             | 775            |           | SRMM E            | SONOROUY STA. 11-70            | ELW            | 7 411N            | 114 213W            | S ERDC11WT            |
| 716            | 11             | 775            |           | SRMM B            | SONOROUY STA. 11-71            | ELW            | 7 418N            | 114 182W            | S ERDC11WT            |
| 918            | 11             | 775            |           | SRMM E            | SONOROUY STA. 11-71            | ELW            | 7 453N            | 113 587W            | S ERDC11WT            |
| 1003           | 11             | 775            |           | SRMM B            | SONOROUY STA. 11-72            | ELW            | 7 465N            | 113 523W            | S ERDC11WT            |
| 1230           | 11             | 775            |           | SRMM E            | SONOROUY STA. 11-72            | ELW            | 7 509N            | 113 280W            | S ERDC11WT            |
| 1557           | 11             | 775            |           | SRMM B            | SONOROUY STA. 11-73            | ELW            | 7 561N            | 113 34W             | S ERDC11WT            |
| 1835           | 11             | 775            |           | SRMM E            | SONOROUY STA. 11-73            | ELW            | 7 596N            | 112 431W            | S ERDC11WT            |
| 1855           | 11             | 775            |           | SRMM B            | SONOROUY STA. 11-74            | ELW            | 7 600N            | 112 410W            | S ERDC11WT            |
| 2120           | 11             | 775            |           | SRMM E            | SONOROUY STA. 11-74            | ELW            | 8 46N             | 112 194W            | S ERDC11WT            |
| 2254           | 11             | 775            |           | SRMM B            | SONOROUY STA. 11-75            | ELW            | 8 78N             | 112 37W             | S ERDC11WT            |
| 105            | 12             | 775            |           | SRMM E            | SONOROUY STA. 11-75            | ELW            | 8 125N            | 111 408W            | S ERDC11WT            |
| 156            | 12             | 775            |           | SRMM X            | SONOROUY STA. 11-76            | ELW            | 8 139N            | 111 329W            | S ERDC11WT            |
| <del>156</del> | <del>12</del>  | <del>775</del> |           | <del>SRMM E</del> | <del>SONOROUY STA. 11-76</del> | <del>ELW</del> | <del>8 139N</del> | <del>111 329W</del> | <del>S ERDC11WT</del> |
| 203            | 12             | 775            |           | SRMM B            | SONOROUY STA. 11-77            | ELW            | 8 141N            | 111 316W            | S ERDC11WT            |
| 325            | 12             | 775            |           | SRMM E            | SONOROUY STA. 11-77            | ELW            | 8 164N            | 111 177W            | S ERDC11WT            |

| TIME<br>GMT | DATE<br>D.M.Y. | TIME<br>LOC | TZ<br>LOC | SAMP<br>CODE | SAMPLE IDENT. | DISP<br>CODE | LAT. | LONG. | CRUISE<br>LFG-SHIP |
|-------------|----------------|-------------|-----------|--------------|---------------|--------------|------|-------|--------------------|
|-------------|----------------|-------------|-----------|--------------|---------------|--------------|------|-------|--------------------|

## BATHYTHERMOGRAPH - CURATOR CAROL CONWAY (EXT.2087)

|      |     |     |                  |     |                 |   |          |
|------|-----|-----|------------------|-----|-----------------|---|----------|
| 0 21 | 675 | BTX | NO. SAMPLES = 01 | GTG | 7 254N 171 357E | S | ERDC11WT |
| 0 24 | 675 | BTX | NO. SAMPLES = 01 | GTG | 7 118N 177 339W | S | ERDC11WT |
| 0 26 | 675 | BTX | NO. SAMPLES = 02 | GTG | 4 407N 170 441W | S | FRDC11WT |
| 0 27 | 675 | BTX | NO. SAMPLES = 02 | GTG | 3 218N 167 30W  | S | FRDC11WT |
| 0 28 | 675 | BTX | NO. SAMPLES = 02 | GTG | 2 272N 164 43W  | S | FRDC11WT |
| 0 29 | 675 | BTX | NO. SAMPLES = 02 | GTG | 1 433N 160 182W | S | FRDC11WT |
| 0 30 | 675 | BTX | NO. SAMPLES = 02 | GTG | 0 500N 156 313W | S | FRDC11WT |
| 0 1  | 775 | BTX | NO. SAMPLES = 01 | GTG | 0 513N 152 421W | S | FRDC11WT |
| 0 2  | 775 | BTX | NO. SAMPLES = 02 | GTG | 1 346N 149 122W | S | FRDC11WT |
| 0 3  | 775 | BTX | NO. SAMPLES = 02 | GTG | 2 260N 145 467W | S | FRDC11WT |
| 0 4  | 775 | BTX | NO. SAMPLES = 01 | GTG | 2 598N 142 264W | S | FRDC11WT |
| 0 5  | 775 | BTX | NO. SAMPLES = 02 | GTG | 3 561N 138 341W | S | FRDC11WT |
| 0 6  | 775 | BTX | NO. SAMPLES = 02 | GTG | 4 164N 134 576W | S | FRDC11WT |
| 0 7  | 775 | BTX | NO. SAMPLES = 01 | GTG | 4 521N 131 41W  | S | FRDC11WT |
| 0 8  | 775 | BTX | NO. SAMPLES = 02 | GTG | 5 227N 126 529W | S | FRDC11WT |
| 0 9  | 775 | BTX | NO. SAMPLES = 01 | GTG | 6 53N 123 292W  | S | ERDC11WT |
| 0 10 | 775 | BTX | NO. SAMPLES = 02 | GTG | 6 339N 119 228W | S | FRDC11WT |
| 0 11 | 775 | BTX | NO. SAMPLES = 02 | GTG | 7 248N 115 291W | S | ERDC11WT |
| 0 12 | 775 | BTX | NO. SAMPLES = 01 | GTG | 8 101N 111 527W | S | ERDC11WT |
| 0 14 | 775 | BTX | NO. SAMPLES = 02 | GTG | 15 485N 113 5W  | S | ERDC11WT |

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END SAMPLE INDEX

// END OF ALL JOBS

11 AUG 75 16.870 HRS