

GEOSECS EXPEDITION

LEG I

R/V MELVILLE

INFORMAL REPORT AND INDEX OF
NAVIGATION, MAGNETIC AND DEPTH DATA

Wellington, New Zealand (12 March 1974)

to

Papeete, Tahiti (8 April 1974)

Chief Scientist - H. Craig

Resident Marine Tech - R. Wilson

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

G. Psaropoulos, R. Lingley, J.L. Abbott

Prepared by

Underway Data Processing Group

S.I.O. Geological Data Center

Scripps Institution of Oceanography

La Jolla, California

December 5, 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).

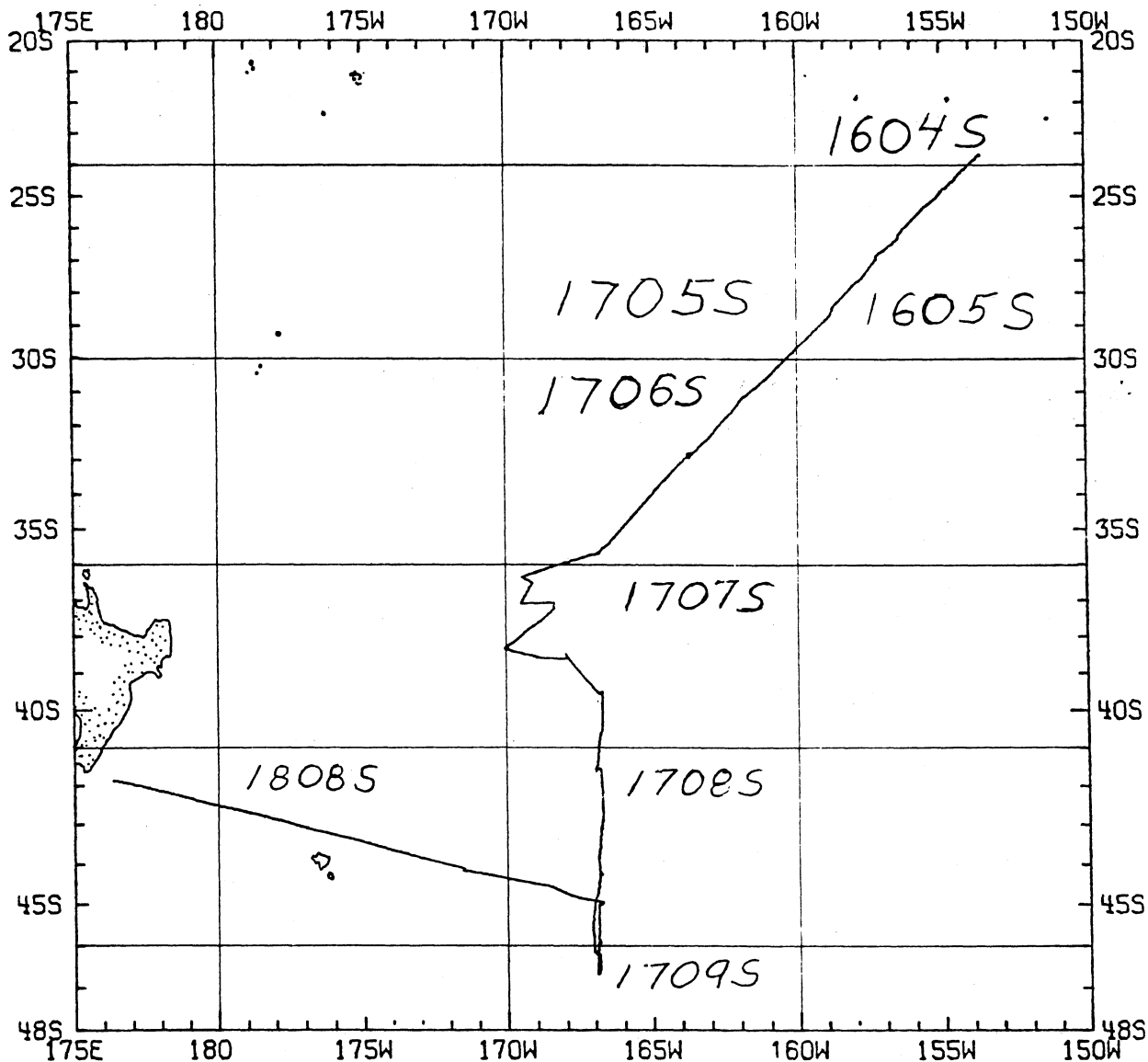
Track Charts - annotated with dates (day/month) and hour ticks. The scale (.3"/deg. long) is the same as the index charts of previous SIO cruises published as Report IMR TR-25.

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

*No subbottom profiler data taken on this leg. Cruise report delay due to shipboard computer/receiver problems requiring reprocessing of satellite fixes.

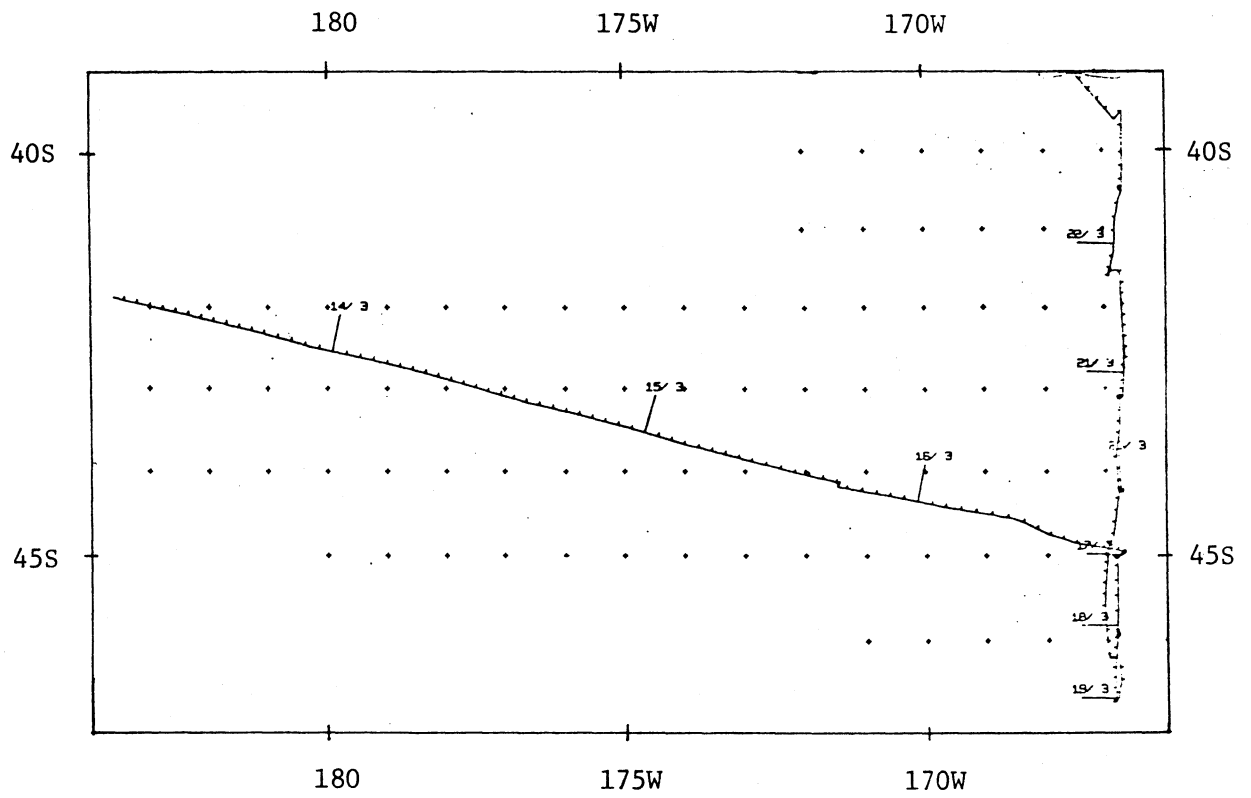


GEOSECS EXPEDITION
 LEG I
 R/V MELVILLE

Chief Scientist - H. Craig
 Wellington N.Z. - Papeete, Tahiti (12 March 1974 - 8 April 1974)

TOTAL MILEAGE

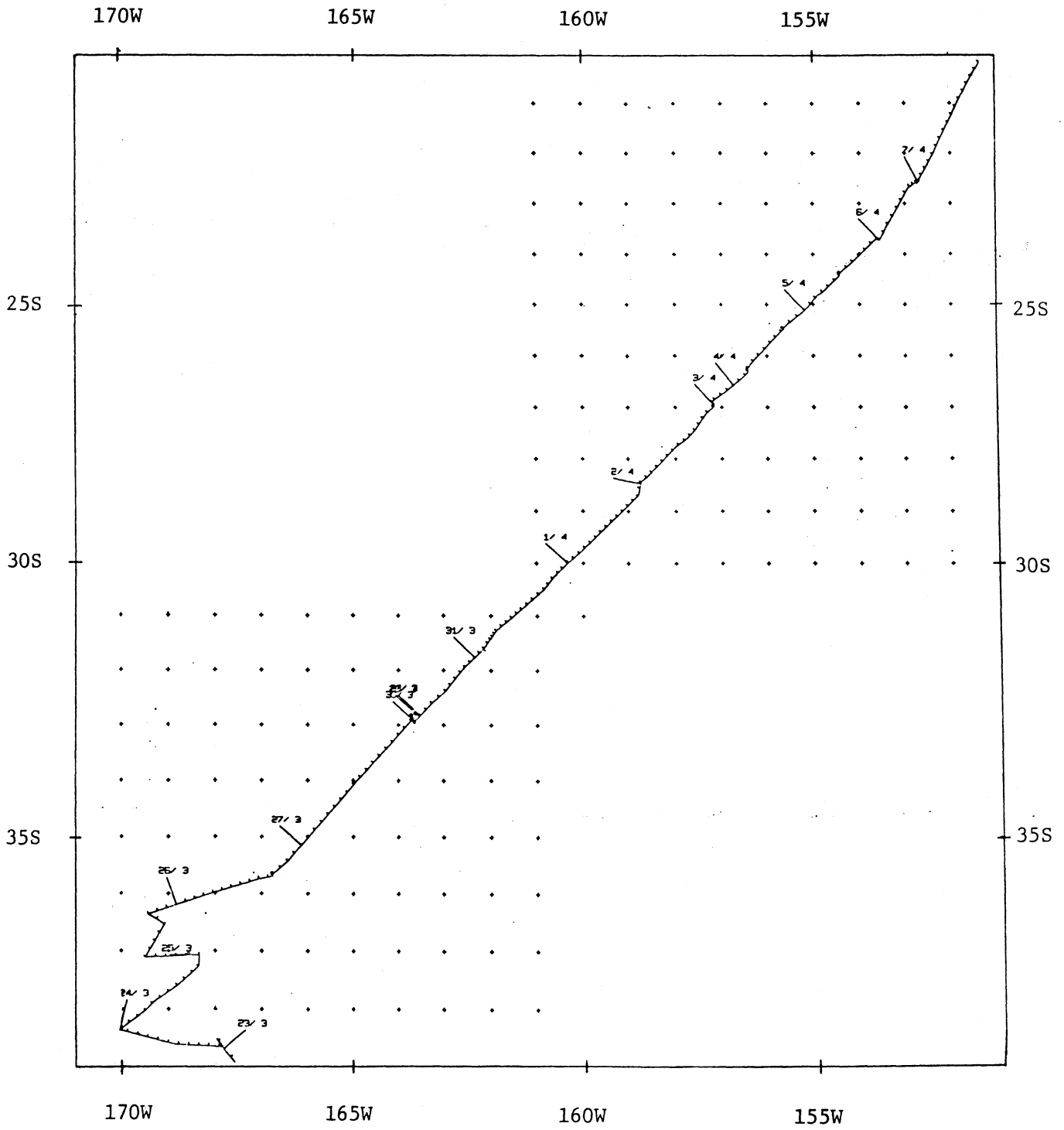
- 1) Cruise - 3272 miles
- 2) Bathymetry - 1867 miles
- 3) Magnetics - 2012 miles
- 4) Seismic Reflection - none collected



GEOSECS LEG I

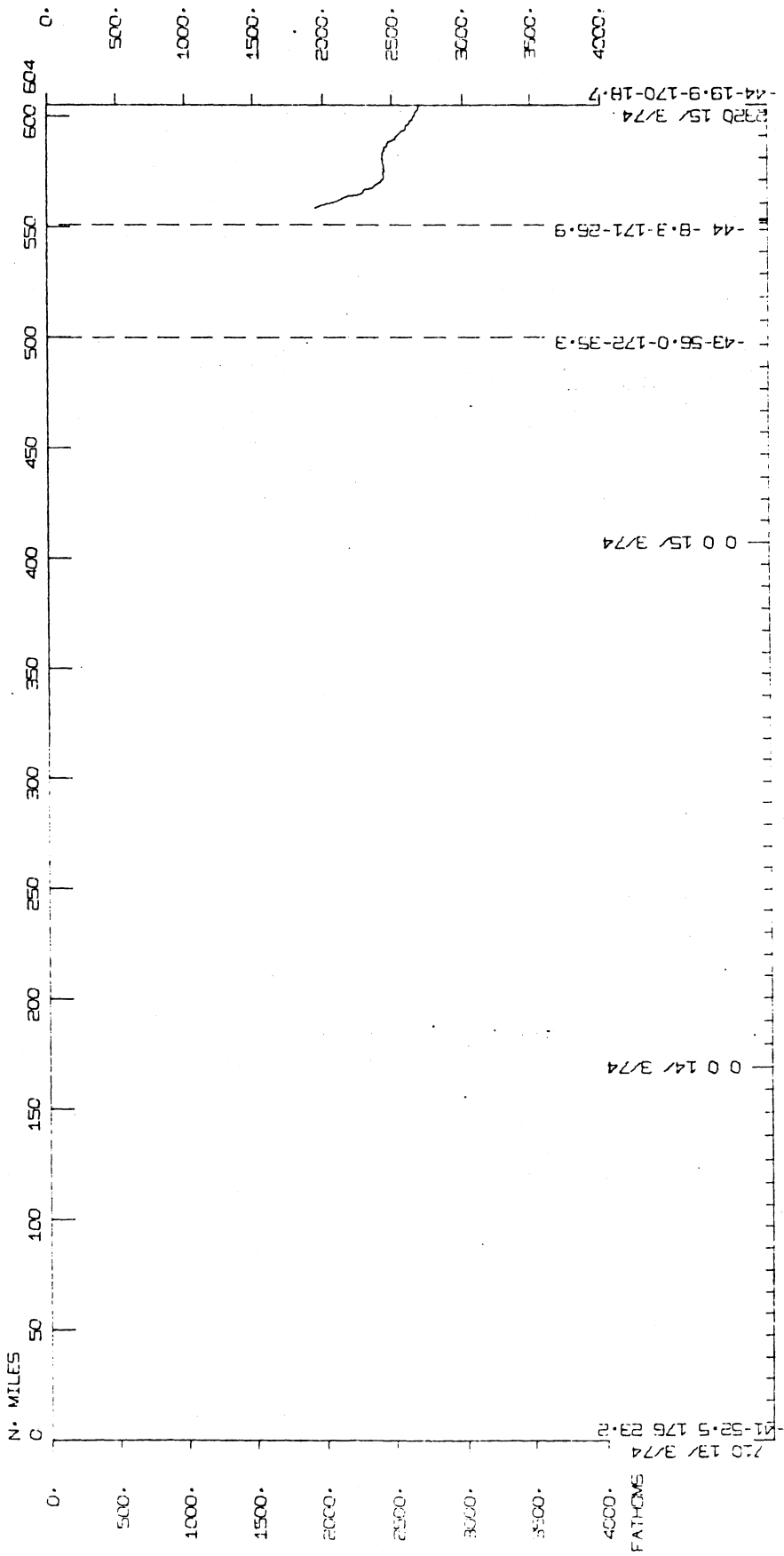
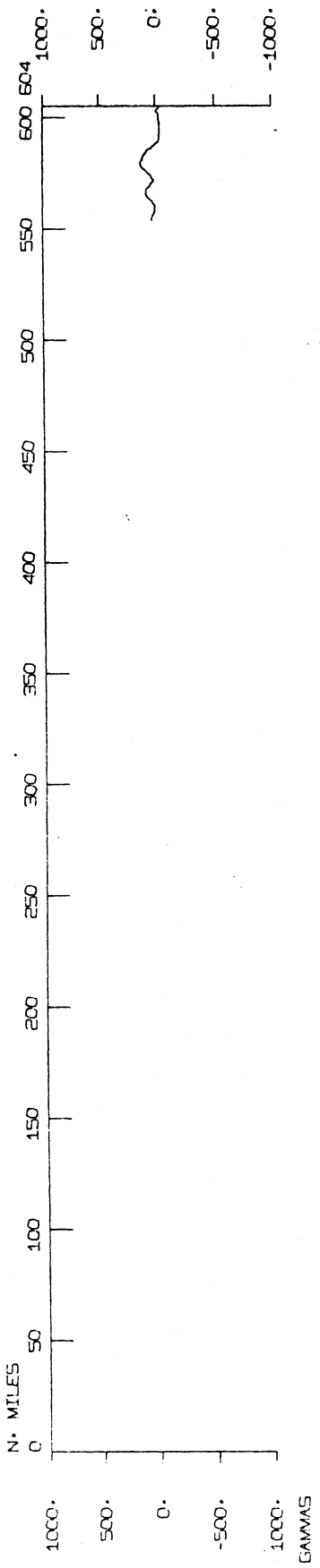
TRACK PLOT

(1 of 2)

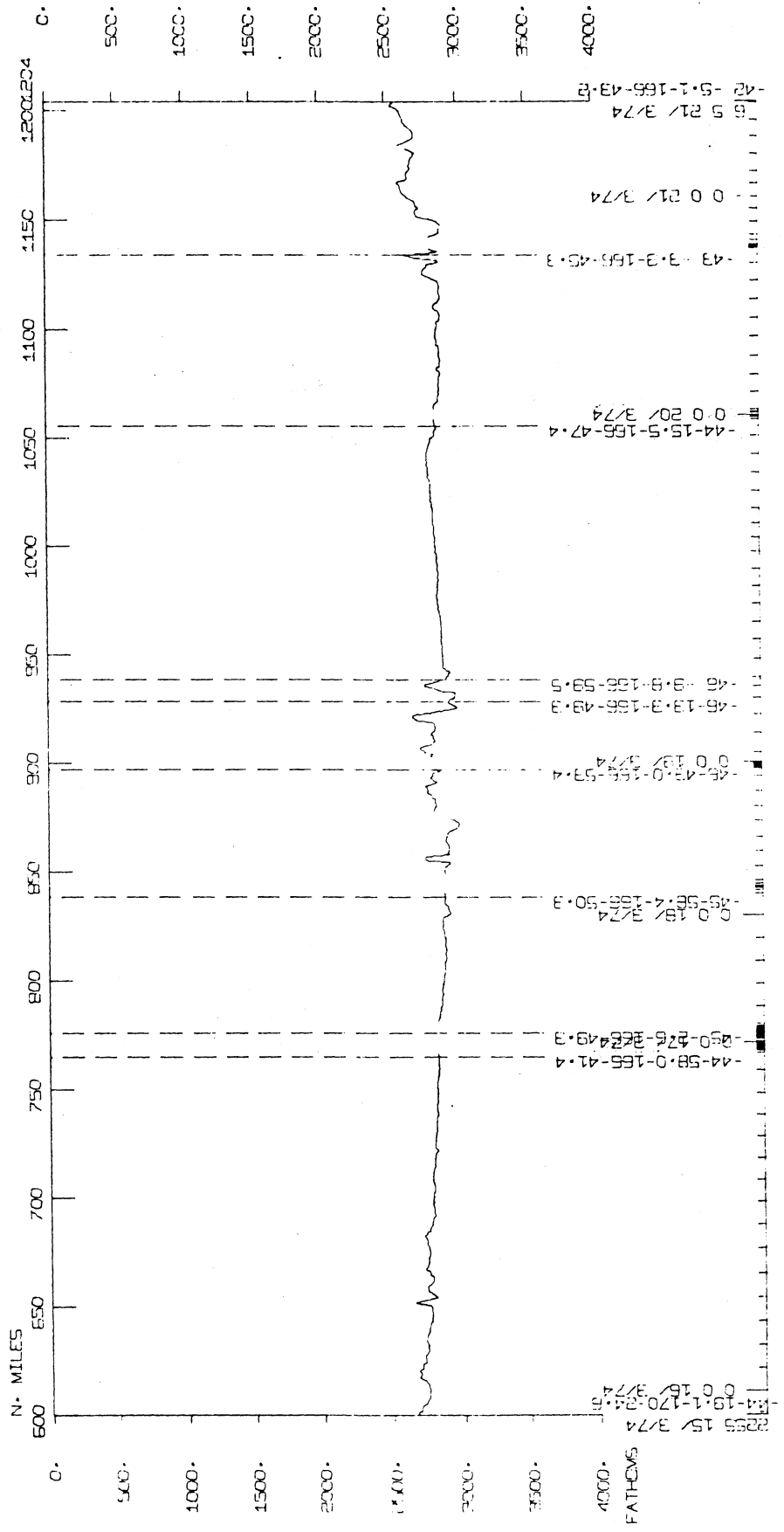
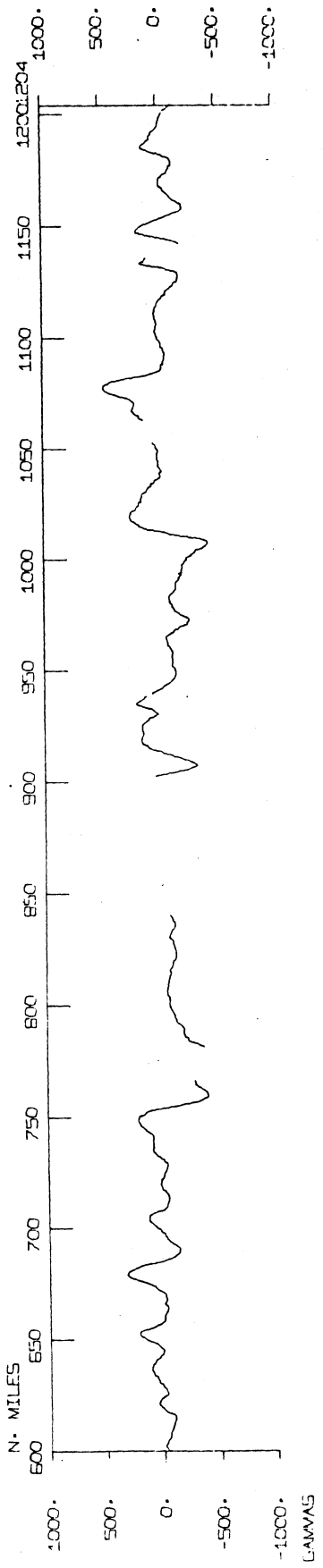


GEOSECS LEG I TRACK PLOT (2 of 2)

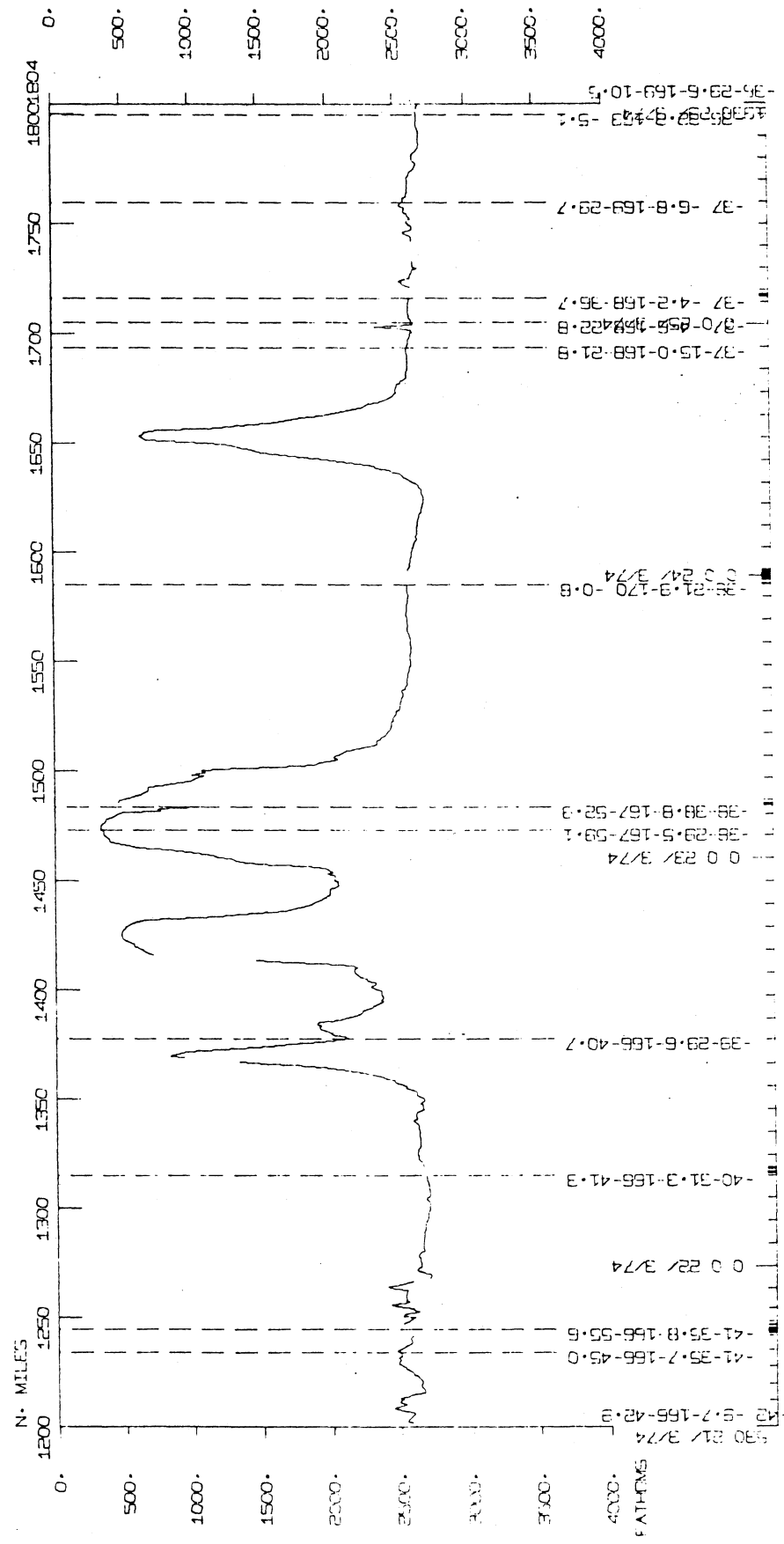
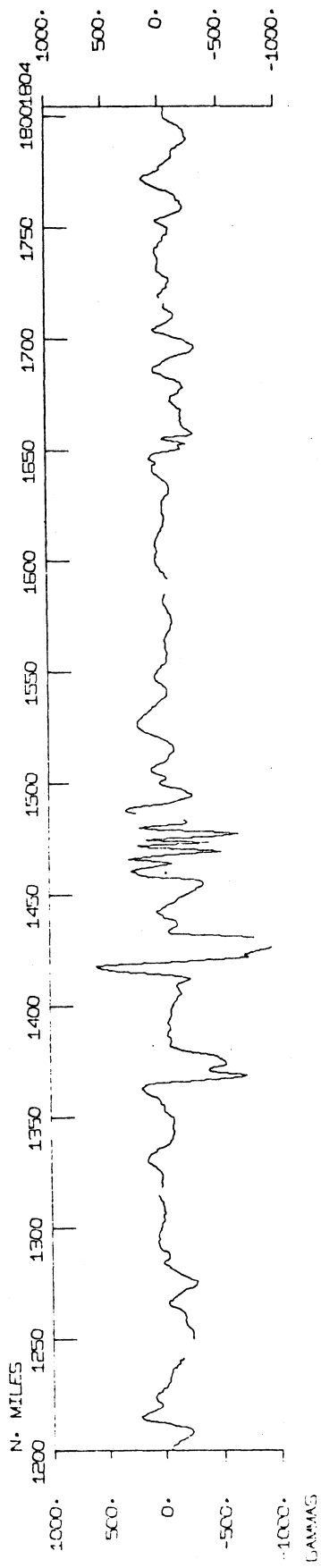
GENERAL LOG I



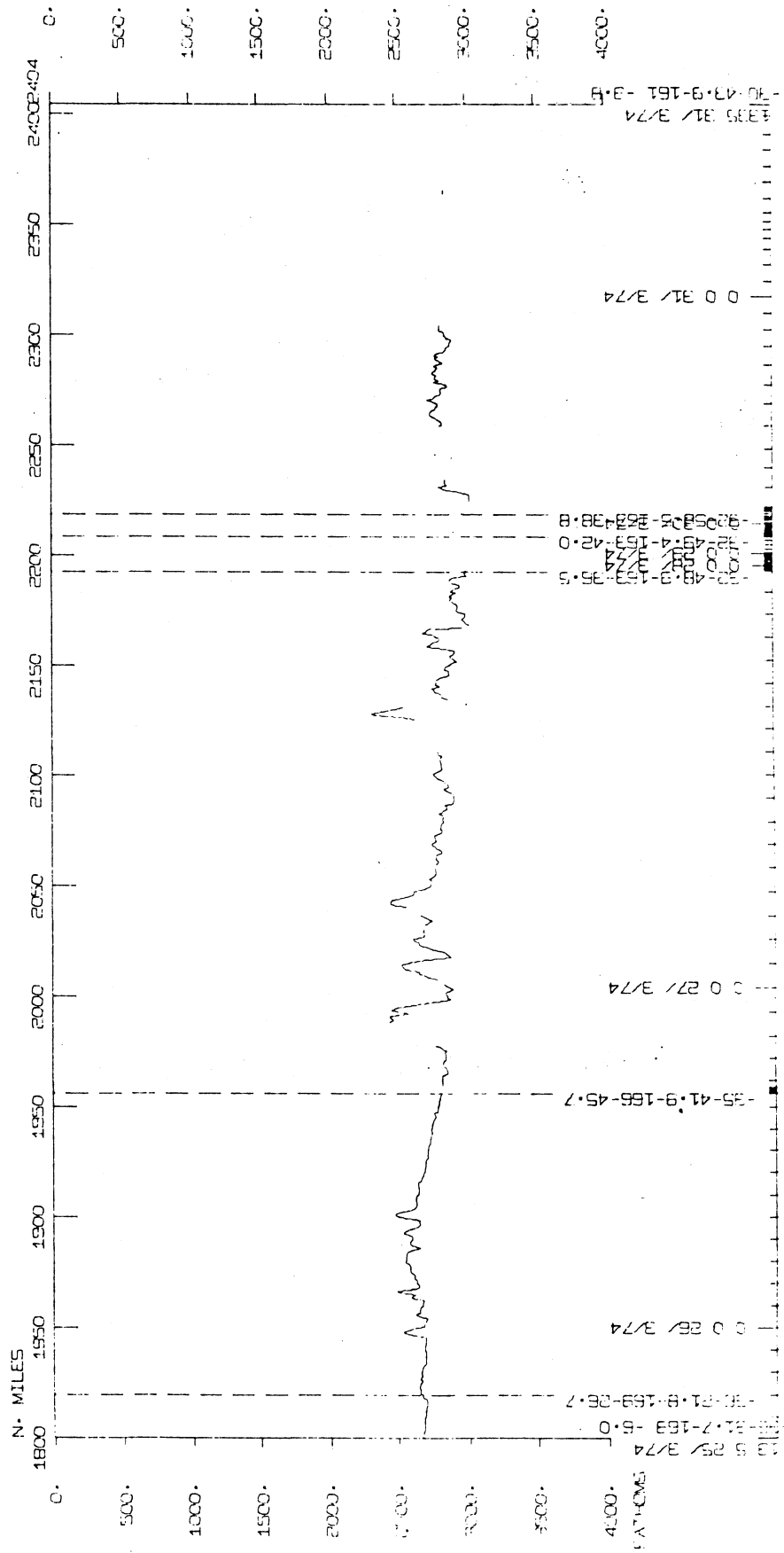
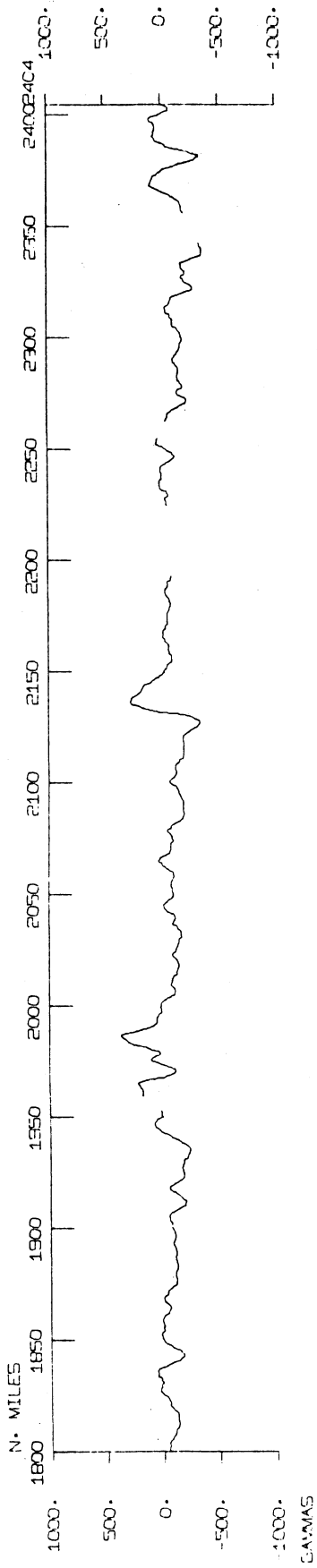
GEOGRAPHIC LOG



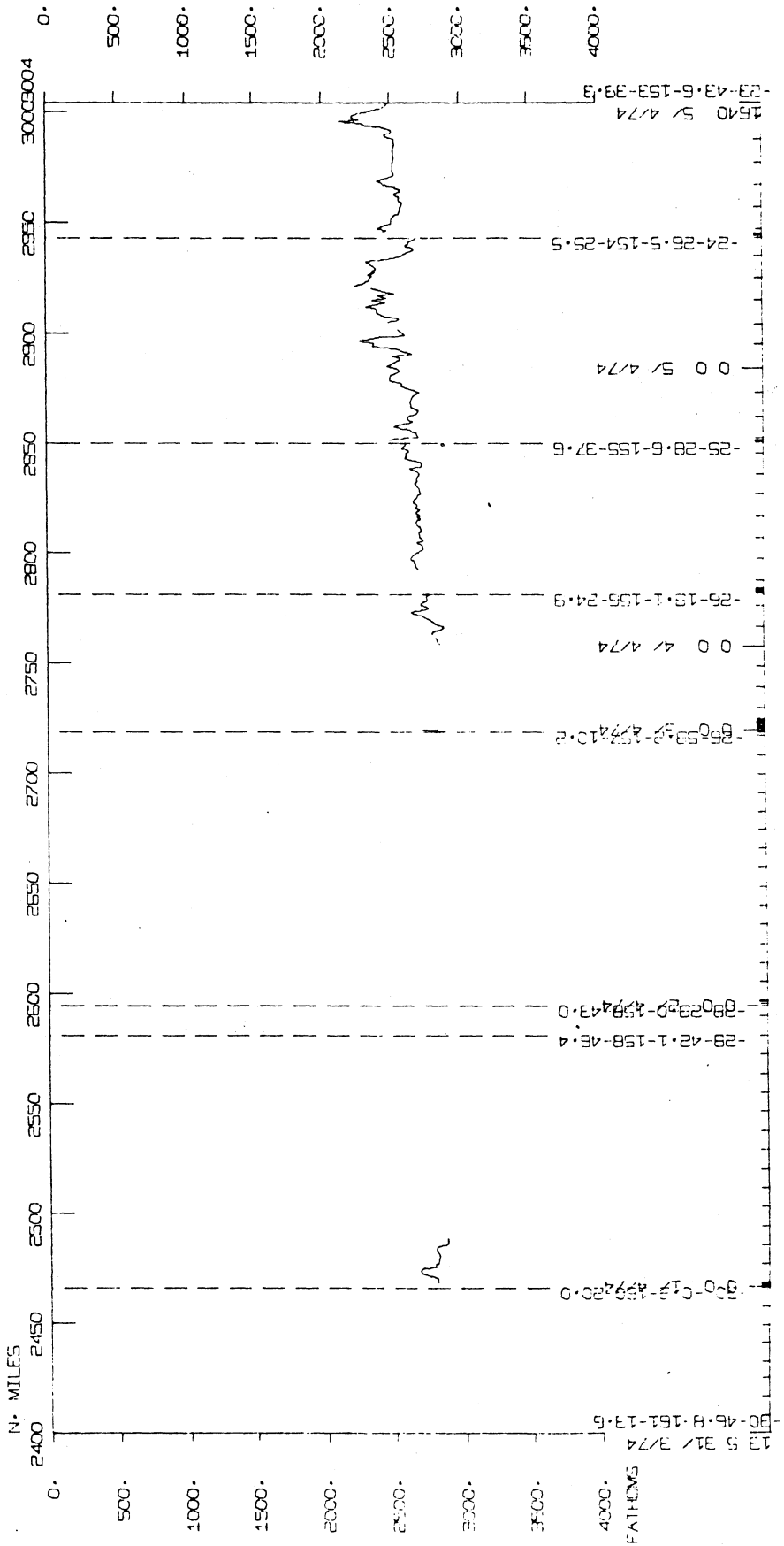
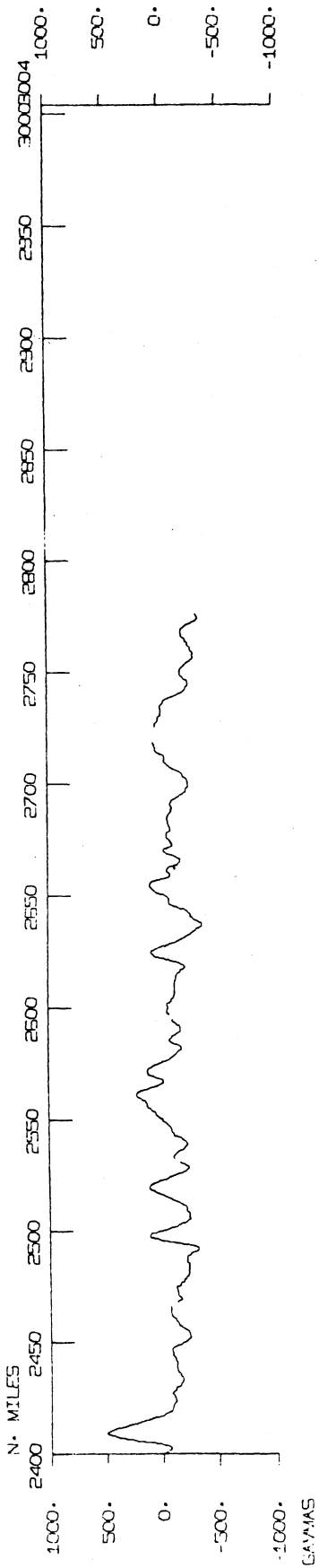
DEPTH LOG I



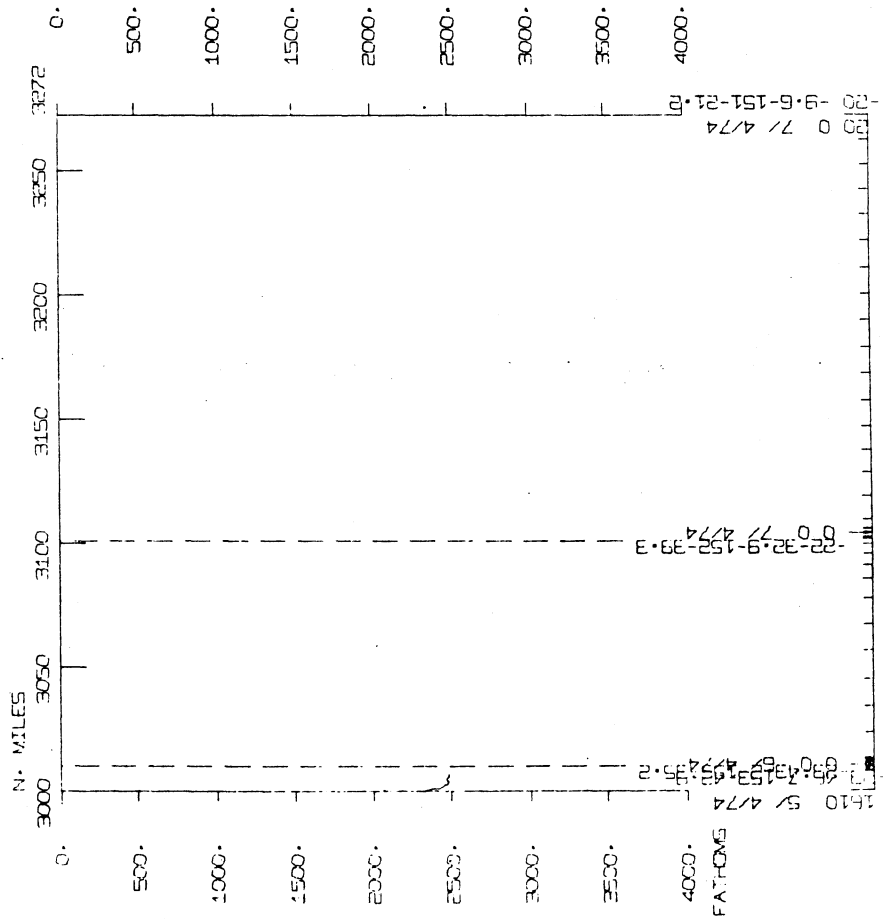
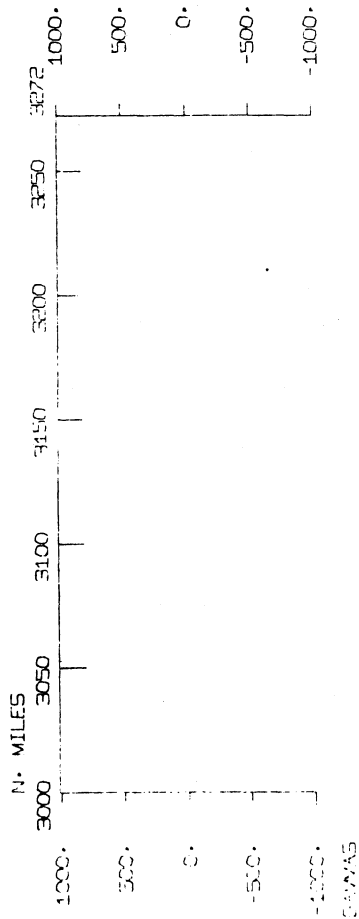
PROSPECTS LEG I



RECORDS LEG I



GEOSECS LOG 1



SAMPLE INDEX

GEUSECS EXPEDITION LEG I

LISTED 04DEC75

2324 120374
1700 080474LGPT B WELLINGTON, N. Z.
LGPT E PAPEETE, TAHITI41 525S 176 232E F GECSOIMV
20 93S 151 210W F GECSOIMV

PERSONNEL

| | | | | |
|---------|------|-------------------|-----|----------|
| 0 0 0 0 | PECS | CRAIG, H. | GOG | GECSOIMV |
| 0 0 0 0 | PERT | WILSON, R. C. | GRD | GECSOIMV |
| 0 0 0 0 | PEMT | CUNNINGHAM, L. | GOG | GECSOIMV |
| 0 0 0 0 | PEET | FONG, R. | GOG | GECSOIMV |
| 0 0 0 0 | PEMT | KELLOGG, D. | DCP | GECSOIMV |
| 0 0 0 0 | PEET | JAIN, J. K. | GOG | GECSOIMV |
| 0 0 0 0 | PEMT | RAGAN, P. R. | GOG | GECSOIMV |
| 0 0 0 0 | PEET | SANCHEZ, F. | GOG | GECSOIMV |
| 0 0 0 0 | PEMT | SEIFERT, E. | OSU | GECSOIMV |
| 0 0 0 0 | PEMT | WALDORF, B. | GOG | GECSOIMV |
| 0 0 0 0 | PECT | WYBORNEY, V. G. | GOG | GECSOIMV |
| 0 0 0 0 | PE | APPLEQUIST, M. D. | GOG | GECSOIMV |
| 0 0 0 0 | PE | BOS, D. | GOG | GECSOIMV |
| 0 0 0 0 | PE | BREEZE, C. H. | GOG | GECSOIMV |
| 0 0 0 0 | PE | CRAIG, V. | GOG | GECSOIMV |
| 0 0 0 0 | PE | DIXON, F. | GOG | GECSOIMV |
| 0 0 0 0 | PEXN | FIADERO, M. E. | SIX | GECSOIMV |
| 0 0 0 0 | PEXN | GOBAT, D. | SIX | GECSOIMV |
| 0 0 0 0 | PE | GODDARD, J. | LDO | GECSOIMV |
| 0 0 0 0 | PE | HESTER, A. | GOG | GECSOIMV |
| 0 0 0 0 | PE | LINGLE, D. | GOG | GECSOIMV |
| 0 0 0 0 | PE | MANTYLA, A. | GOG | GECSOIMV |
| 0 0 0 0 | PE | SUNDQUIST, E. T. | GOG | GECSOIMV |
| 0 0 0 0 | PE | VAN WOY, F. A. | GOG | GECSOIMV |
| 0 0 0 0 | PE | WILLIAMS, S. | LDO | GECSOIMV |
| 0 0 0 0 | PE | YATES, R. E. | GOG | GECSOIMV |

*** 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 T.E. CHASE 2ND FLOOR AQUARIUM (EXT.2182)

*** LOG BOOKS ***

| | | | | | | | | | | | | | | |
|------|----|-----|--|------|---|-----------------|-----|----|------|-----|------|---|-----|-------|
| 1812 | 15 | 374 | | LBUW | B | GEOPHYSICAL LOG | GDC | 44 | 108S | 171 | 294W | S | GEC | SOIMV |
| 1700 | 5 | 474 | | LBUW | E | GEOPHYSICAL LOG | GDC | 23 | 413S | 153 | 367W | S | GEC | SOIMV |

*** NAVIGATION PLOTS ***

| | | | | | | | | | | | | | | |
|------|----|-----|--|------|---|----------------|-----|----|------|-----|------|---|-----|-------|
| 200 | 13 | 374 | | NVBP | B | BRIDGE PLOT 01 | GDC | 41 | 525S | 176 | 232E | S | GEC | SOIMV |
| 1444 | 17 | 374 | | NVBP | E | BRIDGE PLOT 01 | GDC | 45 | 11S | 166 | 502W | S | GEC | SOIMV |
| 1444 | 17 | 374 | | NVBP | B | BRIDGE PLOT 02 | GDC | 45 | 11S | 166 | 502W | S | GEC | SOIMV |
| 945 | 18 | 374 | | NVBP | E | BRIDGE PLOT 02 | GDC | 46 | 105S | 166 | 525W | S | GEC | SOIMV |
| 916 | 18 | 374 | | NVBP | B | BRIDGE PLOT 03 | GDC | 46 | 74S | 166 | 522W | S | GEC | SOIMV |
| 547 | 22 | 374 | | NVBP | E | BRIDGE PLOT 03 | GDC | 40 | 305S | 166 | 420W | S | GEC | SOIMV |
| 547 | 22 | 374 | | NVBP | B | BRIDGE PLOT 04 | GDC | 40 | 305S | 166 | 420W | S | GEC | SOIMV |
| 1930 | 26 | 374 | | NVBP | E | BRIDGE PLOT 04 | GDC | 35 | 405S | 166 | 475W | S | GEC | SOIMV |
| 2000 | 26 | 374 | | NVBP | B | BRIDGE PLOT 05 | GDC | 35 | 389S | 166 | 449W | S | GEC | SOIMV |
| 24 | 1 | 474 | | NVBP | E | BRIDGE PLOT 05 | GDC | 29 | 592S | 160 | 205W | S | GEC | SOIMV |
| 2153 | 31 | 374 | | NVBP | B | BRIDGE PLOT 06 | GDC | 29 | 599S | 160 | 203W | S | GEC | SOIMV |
| 1833 | 5 | 474 | | NVBP | E | BRIDGE PLOT 06 | GDC | 23 | 418S | 153 | 363W | S | GEC | SOIMV |
| 1912 | 5 | 474 | | NVBP | B | BRIDGE PLOT 07 | GDC | 23 | 420S | 153 | 361W | S | GEC | SOIMV |
| 2200 | 7 | 474 | | NVBP | E | BRIDGE PLOT 07 | GDC | 20 | 93S | 151 | 210W | S | GEC | SOIMV |

*** MAGNETOMETER ***

| | | | | | | | | | | | | | | |
|------|----|-----|--|-----|---|----------------|-----|----|------|-----|------|---|-----|-------|
| 1820 | 15 | 374 | | MGR | B | MAGNETICS R-01 | GDC | 44 | 108S | 171 | 292W | S | GEC | SOIMV |
| 2055 | 31 | 374 | | MGR | E | MAGNETICS R-01 | GDC | 30 | 4S | 160 | 203W | S | GEC | SOIMV |
| 855 | 1 | 474 | | MGR | B | MAGNETICS R-02 | GDC | 29 | 598S | 160 | 206W | S | GEC | SOIMV |
| 228 | 4 | 474 | | MGR | E | MAGNETICS R-02 | GDC | 26 | 194S | 156 | 252W | S | GEC | SOIMV |

*** FATHOGRAMS ***

| | | | | | | | | | | | | | | |
|------|----|-----|--|------|---|-----------------|-----|----|------|-----|------|---|-----|-------|
| 1900 | 15 | 374 | | DPRT | B | GDR 12 KHZ R-01 | GDC | 44 | 120S | 171 | 198W | S | GEC | SOIMV |
| 1449 | 16 | 374 | | DPRT | E | GDR 12 KHZ R-01 | GDC | 44 | 565S | 166 | 413W | S | GEC | SOIMV |
| 1920 | 17 | 374 | | DPRT | B | GDR 12 KHZ R-02 | GDC | 45 | 16S | 166 | 509W | S | GEC | SOIMV |
| 100 | 18 | 374 | | DPRT | E | GDR 12 KHZ R-02 | GDC | 45 | 568S | 166 | 501W | S | GEC | SOIMV |

| TIME GMT | DATE D.M.Y. | TIME TZ | LOC | SAMP LOC | CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|-------------|----------------|------------|-----|-------------|------|------------------------|--------------|------|----------|--------------------|
| 735 | 18 | 374 | | | | DPRT B GDR 12 KHZ R-03 | GDC 45 | 550S | 166 505W | S GECSOIMV |
| 1430 | 18 | 374 | | | | DPRT E GDR 12 KHZ R-03 | GDC 46 | 430S | 166 534W | S GECSOIMV |
| 35 | 19 | 374 | | | | DPRT B GDR 12 KHZ R-04 | GDC 46 | 403S | 166 506W | S GECSOIMV |
| 2100 | 19 | 374 | | | | DPRT E GDR 12 KHZ R-04 | GDC 44 | 153S | 166 428W | S GECSOIMV |
| 305 | 20 | 374 | | | | DPRT B GDR 12 KHZ R-05 | GDC 44 | 138S | 166 485W | S GECSOIMV |
| 1150 | 20 | 374 | | | | DPRT E GDR 12 KHZ R-05 | GDC 43 | 64S | 166 453W | S GECSOIMV |
| 2045 | 20 | 374 | | | | DPRT B GDR 12 KHZ R-06 | GDC 43 | 76S | 166 426W | S GECSOIMV |
| 310 | 21 | 374 | | | | DPRT E GDR 12 KHZ R-06 | GDC 42 | 280S | 166 417W | S GECSOIMV |
| 323 | 21 | 374 | | | | DPRT B GDR 12 KHZ R-07 | GDC 42 | 263S | 166 418W | S GECSOIMV |
| 1054 | 21 | 374 | | | | DPRT E GDR 12 KHZ R-07 | GDC 41 | 335S | 166 534W | S GECSOIMV |
| 2045 | 21 | 374 | | | | DPRT B GDR 12 KHZ R-08 | GDC 41 | 382S | 166 560W | S GECSOIMV |
| 405 | 22 | 374 | | | | DPRT E GDR 12 KHZ R-08 | GDC 40 | 313S | 166 413W | S GECSOIMV |
| 1030 | 22 | 374 | | | | DPRT B GDR 12 KHZ R-09 | GDC 40 | 279S | 166 413W | S GECSOIMV |
| 2150 | 22 | 374 | | | | DPRT E GDR 12 KHZ R-09 | GDC 38 | 577S | 167 311W | S GECSOIMV |
| 2205 | 22 | 374 | | | | DPRT B GDR 12 KHZ R-10 | GDC 38 | 558S | 167 333W | S GECSOIMV |
| 2325 | 22 | 374 | | | | DPRT E GDR 12 KHZ R-10 | GDC 38 | 452S | 167 451W | S GECSOIMV |
| 553 | 23 | 374 | | | | DPRT B GDR 12 KHZ R-11 | GDC 38 | 380S | 167 555W | S GECSOIMV |
| 1530 | 23 | 374 | | | | DPRT E GDR 12 KHZ R-11 | GDC 38 | 219S | 170 8W | S GECSOIMV |
| 1257 | 24 | 374 | | | | DPRT B GDR 12 KHZ R-12 | GDC 38 | 202S | 170 12W | S GECSOIMV |
| 115 | 25 | 374 | | | | DPRT E GDR 12 KHZ R-12 | GDC 37 | 42S | 168 367W | S GECSOIMV |
| 1100 | 25 | 374 | | | | DPRT B GDR 12 KHZ R-13 | GDC 37 | 52S | 168 392W | S GECSOIMV |
| 1032 | 26 | 374 | | | | DPRT E GDR 12 KHZ R-13 | GDC 35 | 420S | 166 461W | S GECSOIMV |
| 1941 | 26 | 374 | | | | DPRT B GDR 12 KHZ R-14 | GDC 35 | 406S | 166 474W | S GECSOIMV |
| 1112 | 27 | 374 | | | | DPRT E GDR 12 KHZ R-14 | GDC 33 | 397S | 164 326W | S GECSOIMV |
| 1132 | 27 | 374 | | | | DPRT B GDR 12 KHZ R-15 | GDC 33 | 371S | 164 298W | S GECSOIMV |
| 1750 | 27 | 374 | | | | DPRT E GDR 12 KHZ R-15 | GDC 32 | 491S | 163 367W | S GECSOIMV |
| 1307 | 30 | 374 | | | | DPRT B GDR 12 KHZ R-16 | GDC 32 | 546S | 163 364W | S GECSOIMV |
| 2331 | 30 | 374 | | | | DPRT E GDR 12 KHZ R-16 | GDC 31 | 484S | 162 238W | S GECSOIMV |
| 855 | 1 | 474 | | | | DPRT B GDR 12 KHZ R-17 | GDC 29 | 598S | 160 206W | S GECSOIMV |
| 1110 | 1 | 474 | | | | DPRT E GDR 12 KHZ R-17 | GDC 29 | 478S | 160 38W | S GECSOIMV |
| 2025 | 3 | 474 | | | | DPRT B GDR 12 KHZ R-18 | GDC 26 | 541S | 157 124W | S GECSOIMV |
| 230 | 4 | 474 | | | | DPRT E GDR 12 KHZ R-18 | GDC 26 | 193S | 156 251W | S GECSOIMV |
| 855 | 4 | 474 | | | | DPRT B GDR 12 KHZ R-19 | GDC 26 | 145S | 156 253W | S GECSOIMV |
| 1529 | 4 | 474 | | | | DPRT E GDR 12 KHZ R-19 | GDC 25 | 285S | 155 376W | S GECSOIMV |
| 2050 | 4 | 474 | | | | DPRT B GDR 12 KHZ R-20 | GDC 25 | 284S | 155 387W | S GECSOIMV |
| 545 | 5 | 474 | | | | DPRT E GDR 12 KHZ R-20 | GDC 24 | 265S | 154 255W | S GECSOIMV |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|-------------|----------------|-------------|-----------|--------------|-----------------|--------------|------|----------|--------------------|
| 1051 | 5 | 474 | | DPRT B | GDR 12 KHZ R-21 | GDC 24 | 240S | 154 257W | S GECSOIMV |
| 1700 | 5 | 474 | | DPRT E | GDR 12 KHZ R-21 | GDC 23 | 413S | 153 367W | S GECSOIMV |

GEOCHEMICAL STATION-SMALL VOLUME

| | | | | | | | | | |
|------|-----|-----|-----|--------|-----------------|--------|------|----------|------------|
| 1430 | 18 | 374 | | GCSV B | GEOSECS STA 298 | GOG 46 | 430S | 166 534W | S GECSOIMV |
| | 35 | 19 | 374 | GCSV E | GEOSECS STA 298 | GOG 46 | 403S | 166 506W | S GECSOIMV |
| 1150 | 20 | 374 | | GCSV B | GEOSECS STA 300 | GOG 43 | 64S | 166 453W | S GECSOIMV |
| 2045 | 20 | 374 | | GCSV E | GEOSECS STA 300 | GOG 43 | 76S | 166 426W | S GECSOIMV |
| 1054 | 21 | 374 | | GCSV B | GEOSECS STA 301 | GOG 41 | 335S | 166 534W | S GECSOIMV |
| 2045 | 21 | 374 | | GCSV E | GEOSECS STA 301 | GOG 41 | 382S | 166 560W | S GECSOIMV |
| 1032 | 26 | 374 | | GCSV B | GEOSECS STA 305 | GOG 35 | 420S | 166 461W | S GECSOIMV |
| 1941 | 26 | 374 | | GCSV E | GEOSECS STA 305 | GOG 35 | 406S | 166 474W | S GECSOIMV |
| 2100 | 31 | 374 | | GCSV B | GEOSECS STA 308 | GOG 30 | 2S | 160 200W | S GECSOIMV |
| | 855 | 1 | 474 | GCSV E | GEOSECS STA 308 | GOG 29 | 598S | 160 206W | S GECSOIMV |
| 2335 | 1 | 474 | | GCSV B | GEOSECS STA 309 | GOG 28 | 290S | 158 430W | S GECSOIMV |
| | 551 | 2 | 474 | GCSV E | GEOSECS STA 309 | GOG 28 | 281S | 158 441W | S GECSOIMV |
| 1700 | 5 | 474 | | GCSV B | GEOSECS STA 314 | GOG 23 | 413S | 153 367W | S GECSOIMV |
| | 900 | 6 | 474 | GCSV E | GEOSECS STA 314 | GOG 23 | 427S | 153 326W | S GECSOIMV |

GEOCHEMICAL STATION-LARGE VOLUME

| | | | | | | | | | |
|------|----|-----|--|--------|-----------------|--------|------|----------|------------|
| 1449 | 16 | 374 | | GCLV B | GEOSECS STA 296 | GOG 44 | 565S | 166 413W | S GECSOIMV |
| 1910 | 17 | 374 | | GCLV E | GEOSECS STA 296 | GOG 45 | 0S | 166 511W | S GECSOIMV |
| 1530 | 23 | 374 | | GCLV B | GEOSECS STA 303 | GOG 38 | 219S | 170 8W | S GECSOIMV |
| 1255 | 24 | 374 | | GCLV E | GEOSECS STA 303 | GOG 38 | 203S | 170 13W | S GECSOIMV |
| 1750 | 27 | 374 | | GCLV B | GEOSECS STA 306 | GOG 32 | 491S | 163 367W | S GECSOIMV |
| 1259 | 30 | 374 | | GCLV E | GEOSECS STA 306 | GOG 32 | 554S | 163 373W | S GECSOIMV |
| 2005 | 2 | 474 | | GCLV B | GEOSECS STA 310 | GOG 26 | 597S | 157 110W | S GECSOIMV |
| 2035 | 3 | 474 | | GCLV E | GEOSECS STA 310 | GOG 26 | 539S | 157 126W | S GECSOIMV |

SALINITY, TEMPERATURE, DEPTH

| | | | | | | | | | |
|------|----|-----|--|--------|-----------------|--------|------|----------|------------|
| 1415 | 15 | 374 | | GCTD B | GEOSECS STA 295 | GOG 44 | 83S | 171 269W | S GECSOIMV |
| 1818 | 15 | 374 | | GCTD E | GEOSECS STA 295 | GOG 44 | 108S | 171 294W | S GECSOIMV |
| 100 | 18 | 374 | | GCTD B | GEOSECS STA 297 | GOG 45 | 568S | 166 501W | S GECSOIMV |
| 717 | 18 | 374 | | GCTD E | GEOSECS STA 297 | GOG 45 | 524S | 166 501W | S GECSOIMV |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|-------------|----------------|-------------|-----------|--------------|-----------------|--------------|------|----------|--------------------|
| 2100 | 19 | 374 | | GCTD B | GEOSECS STA 299 | GOG 44 | 153S | 166 428W | S GECSOIMV |
| 255 | 20 | 374 | | GCTD E | GEOSECS STA 299 | GOG 44 | 148S | 166 484W | S GECSOIMV |
| 405 | 22 | 374 | | GCTD B | GEOSECS STA 302 | GOG 40 | 313S | 166 413W | S GECSOIMV |
| 1030 | 22 | 374 | | GCTD E | GEOSECS STA 302 | GOG 40 | 279S | 166 413W | S GECSOIMV |
| 115 | 25 | 374 | | GCTD B | GEOSECS STA 304 | GOG 37 | 42S | 168 367W | S GECSOIMV |
| 1045 | 25 | 374 | | GCTD E | GEOSECS STA 304 | GOG 37 | 51S | 168 370W | S GECSOIMV |
| 322 | 31 | 374 | | GCTD B | GEOSECS STA 307 | GOG 31 | 275S | 162 27W | S GECSOIMV |
| 704 | 31 | 374 | | GCTD E | GEOSECS STA 307 | GOG 31 | 156S | 161 537W | S GECSOIMV |
| 234 | 4 | 474 | | GCTD B | GEOSECS STA 311 | GOG 26 | 191S | 156 249W | S GECSOIMV |
| 844 | 4 | 474 | | GCTD E | GEOSECS STA 311 | GOG 26 | 159S | 156 265W | S GECSOIMV |
| 1529 | 4 | 474 | | GCTD B | GEOSECS STA 312 | GOG 25 | 285S | 155 376W | S GECSOIMV |
| 2049 | 4 | 474 | | GCTD E | GEOSECS STA 312 | GOG 25 | 285S | 155 388W | S GECSOIMV |
| 545 | 5 | 474 | | GCTD B | GEOSECS STA 313 | GOG 24 | 265S | 154 255W | S GECSOIMV |
| 1048 | 5 | 474 | | GCTD E | GEOSECS STA 313 | GOG 24 | 243S | 154 261W | S GECSOIMV |

BATHYHERMOGRAPH

| | | | | | | |
|----------|-----|-----------------|--------|------|----------|------------|
| 0 16 374 | BTX | NR. SAMPLES = 3 | BTS 44 | 213S | 170 92W | S GECSOIMV |
| 0 18 374 | BTX | NR. SAMPLES = 2 | BTS 45 | 497S | 166 503W | S GECSOIMV |
| 0 19 374 | BTX | NR. SAMPLES = 1 | BTS 46 | 403S | 166 512W | S GECSOIMV |
| 0 20 374 | BTX | NR. SAMPLES = 2 | BTS 44 | 150S | 166 456W | S GECSOIMV |
| 0 21 374 | BTX | NR. SAMPLES = 2 | BTS 42 | 487S | 166 414W | S GECSOIMV |
| 0 22 374 | BTX | NR. SAMPLES = 4 | BTS 41 | 123S | 166 500W | S GECSOIMV |
| 0 23 374 | BTX | NR. SAMPLES = 3 | BTS 38 | 405S | 167 502W | S GECSOIMV |
| 0 24 374 | BTX | NR. SAMPLES = 1 | BTS 38 | 198S | 170 31W | S GECSOIMV |
| 0 25 374 | BTX | NR. SAMPLES = 3 | BTS 37 | 46S | 168 218W | S GECSOIMV |
| 0 26 374 | BTX | NR. SAMPLES = 2 | BTS 36 | 119S | 168 508W | S GECSOIMV |
| 0 27 374 | BTX | NR. SAMPLES = 3 | BTS 35 | 92S | 166 88W | S GECSOIMV |
| 0 29 374 | BTX | NR. SAMPLES = 1 | BTS 32 | 475S | 163 337W | S GECSOIMV |

99

END SAMPLE INDEX

DREDGE

0240 23 374 DRR

DREDGE 11D

1418-822 ^{Depth} ¹⁷²⁶ ~~1726~~ ^{Fms.}

GCR 38°38.6'S 167°53.1'W

GEC5-