

COCOTOW EXPEDITION

LEG 3

R/V MELVILLE

INFORMAL REPORT AND INDEX OF
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

Balboa, Panama (22 October 1974)

to

Balboa, Panama (16 November 1974)

Chief Scientist - P. Lonsdale

Resident Marine Techs - W. Keith; S. Witherow

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

G. Psaropulos, R. Lingley

Prepared by

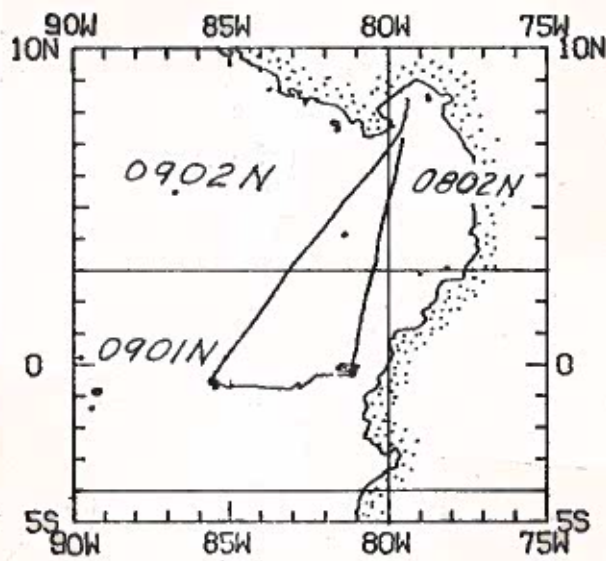
Underway Data Processing Group

S.I.O. Geological Data Center

Scripps Institution of Oceanography

La Jolla, California

December 13, 1974

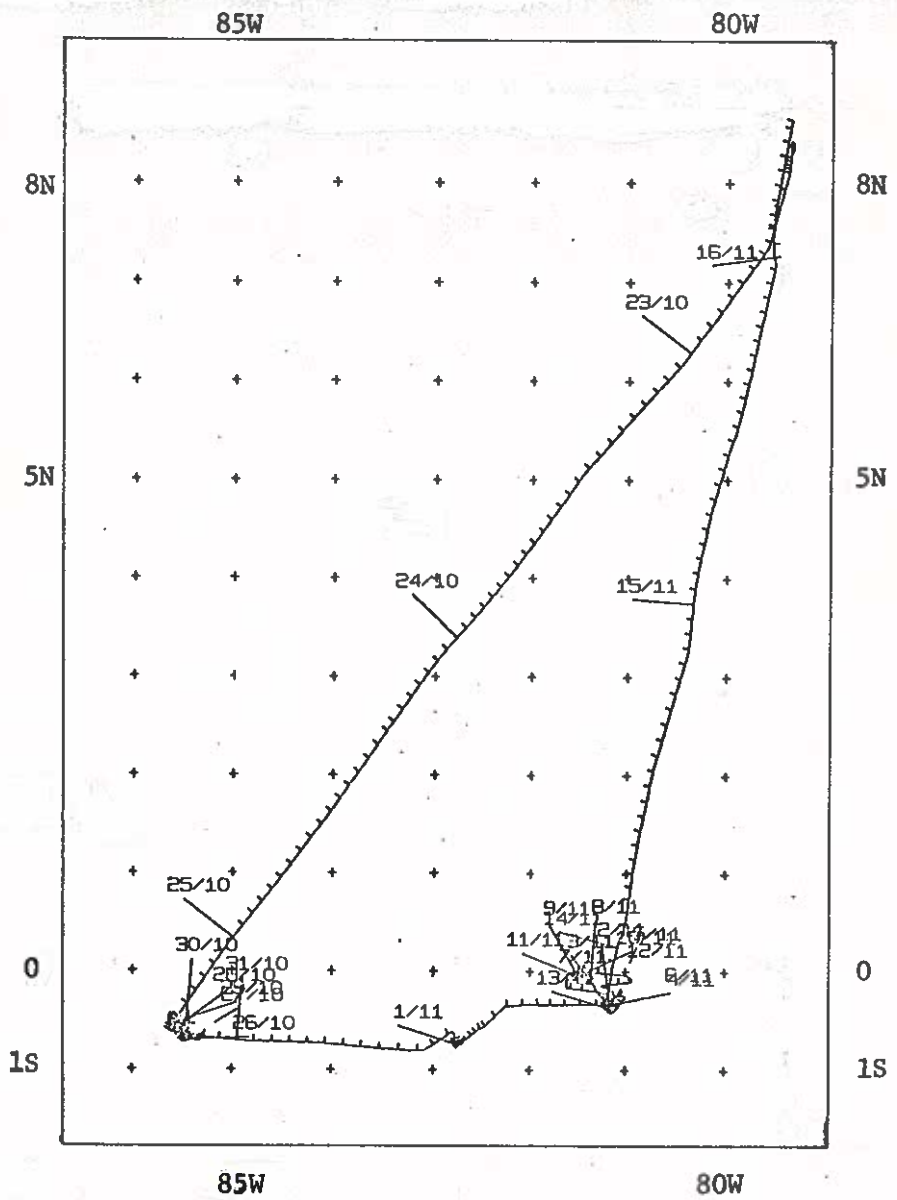


**COCOTOW EXPEDITION
LEG-3**

Chief Scientist - P. Lonsdale
Balboa, Panama - Balboa, Panama (22 October - 16 November 1974)

TOTAL MILEAGE

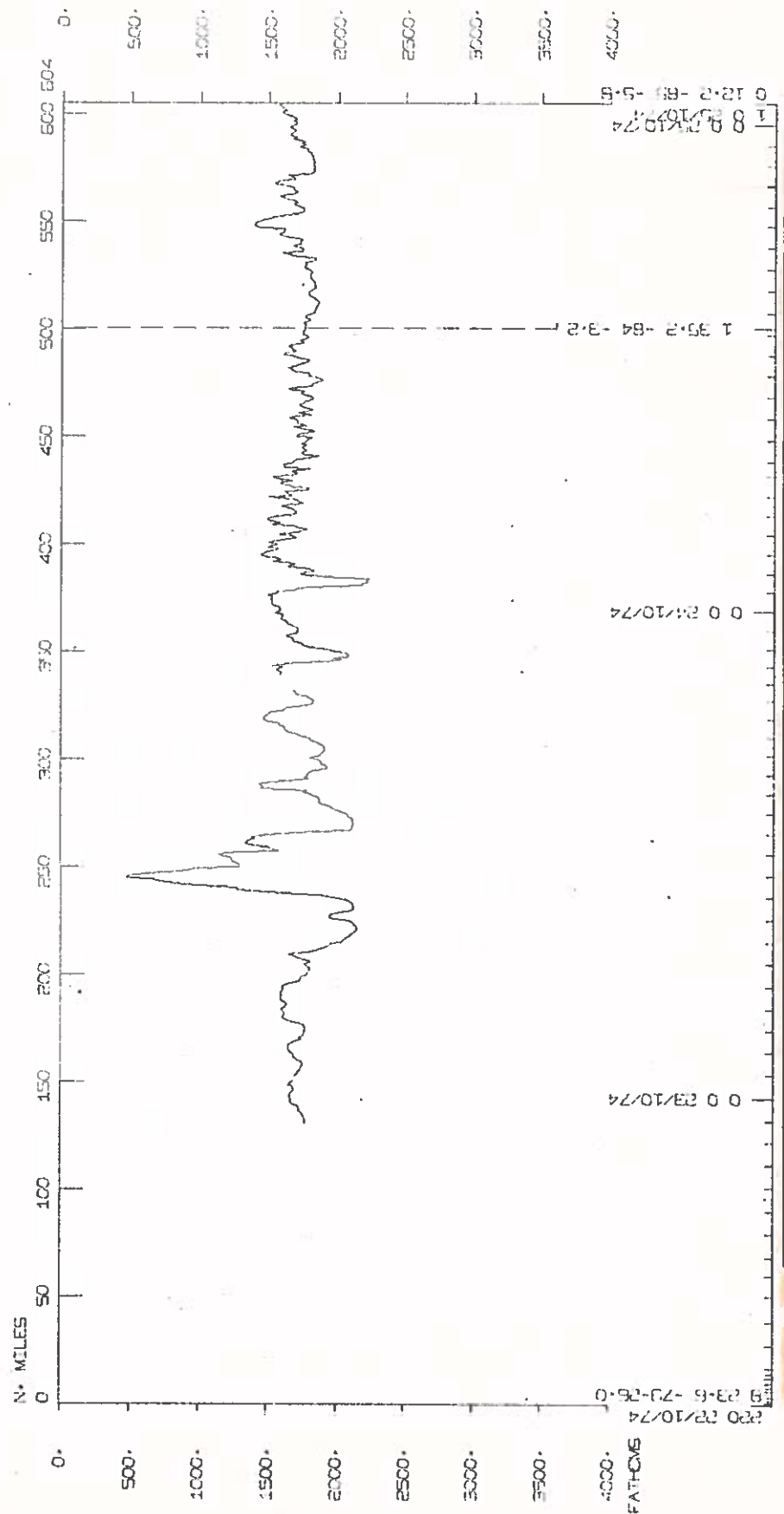
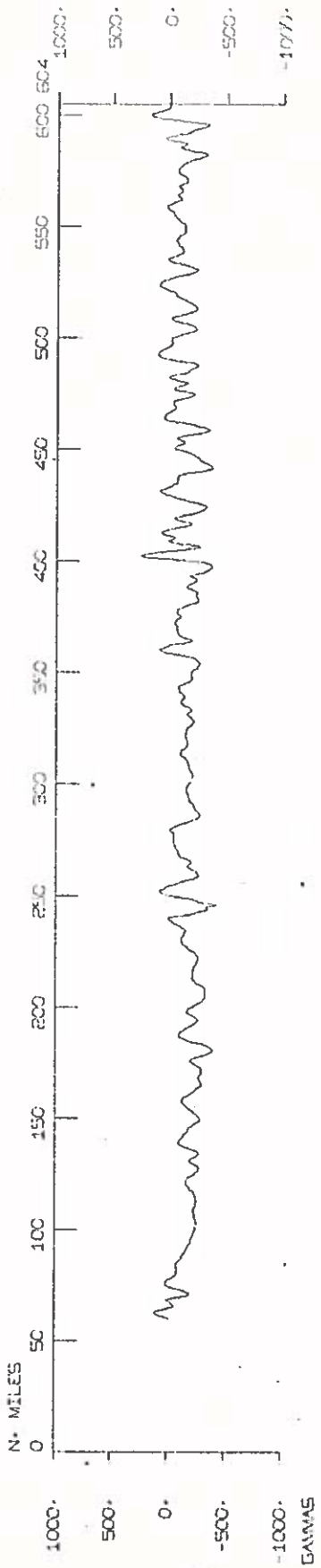
- 1) Cruise - 2431 miles
- 2) Bathymetry - 1481 miles
- 3) Magnetics - 1501 miles
- 4) Seismic Reflection - 1496 miles



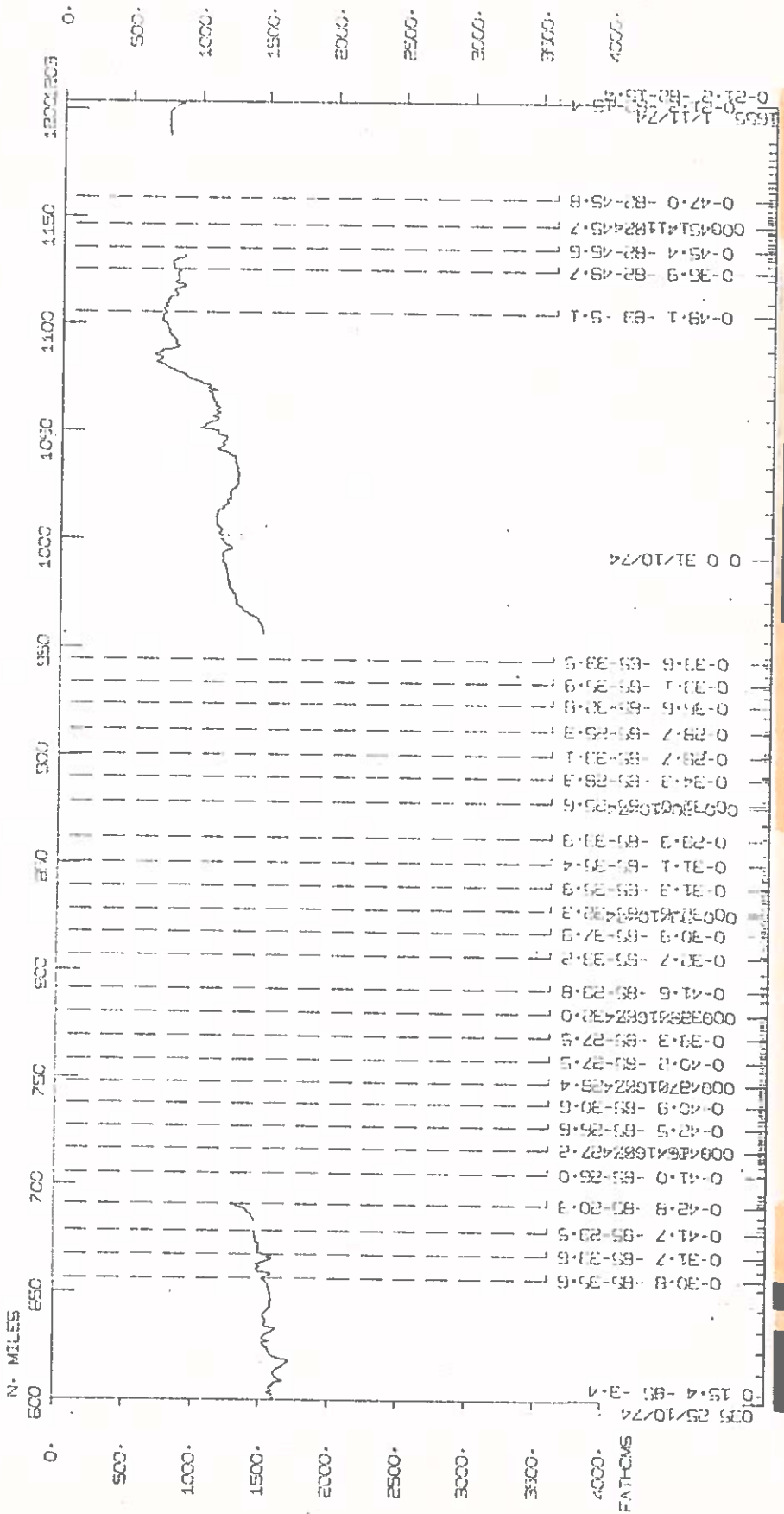
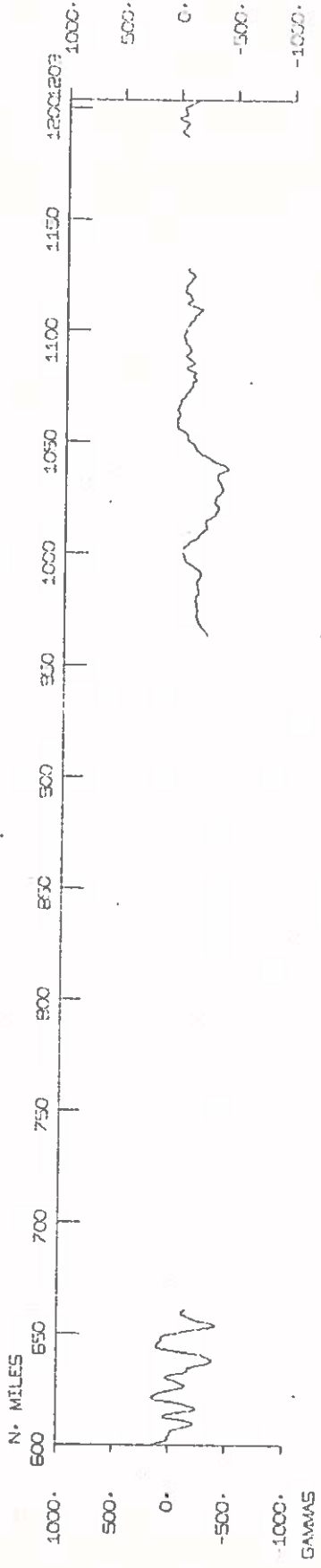
COCOTOW EXPEDITION LEG 3

Track Plot

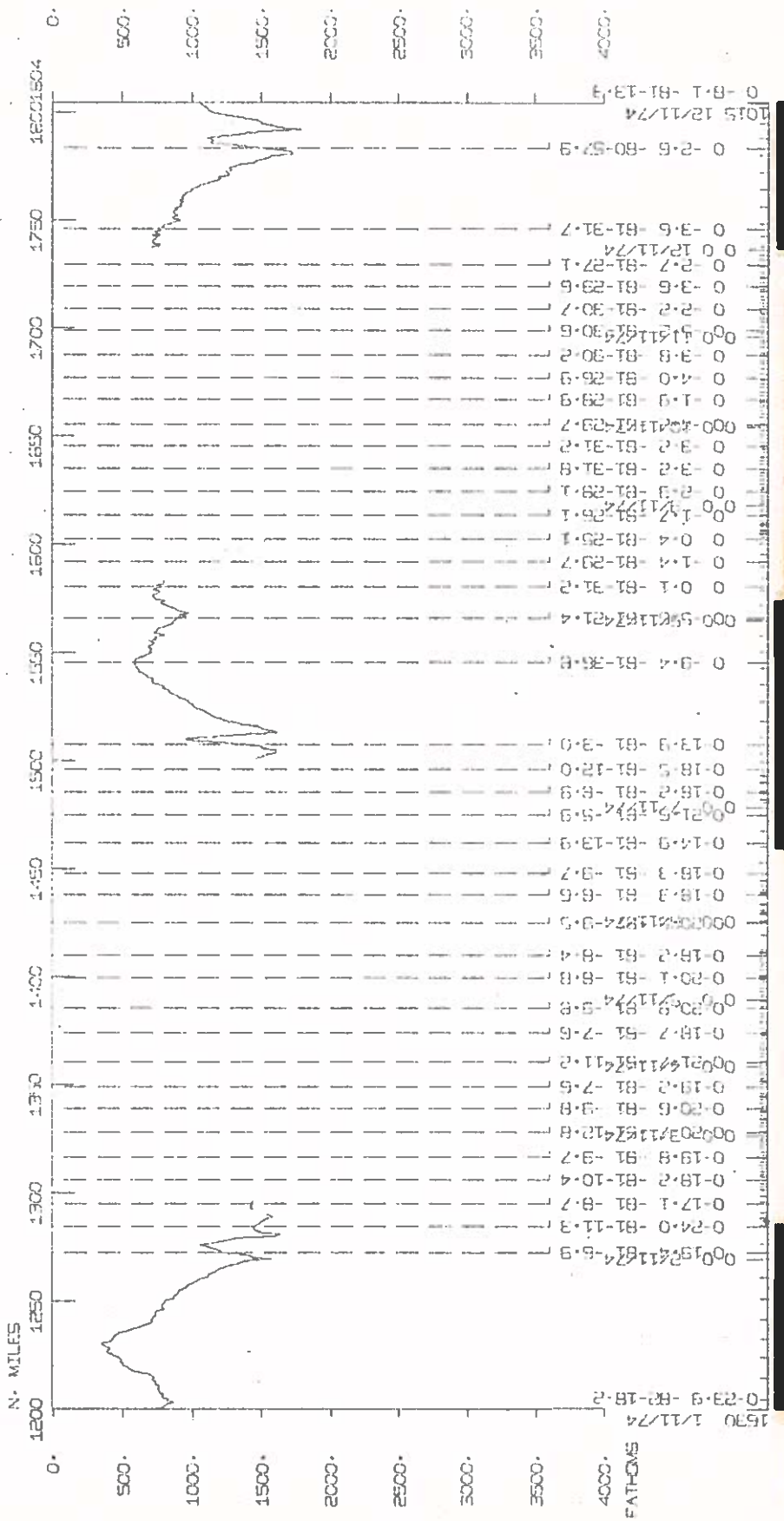
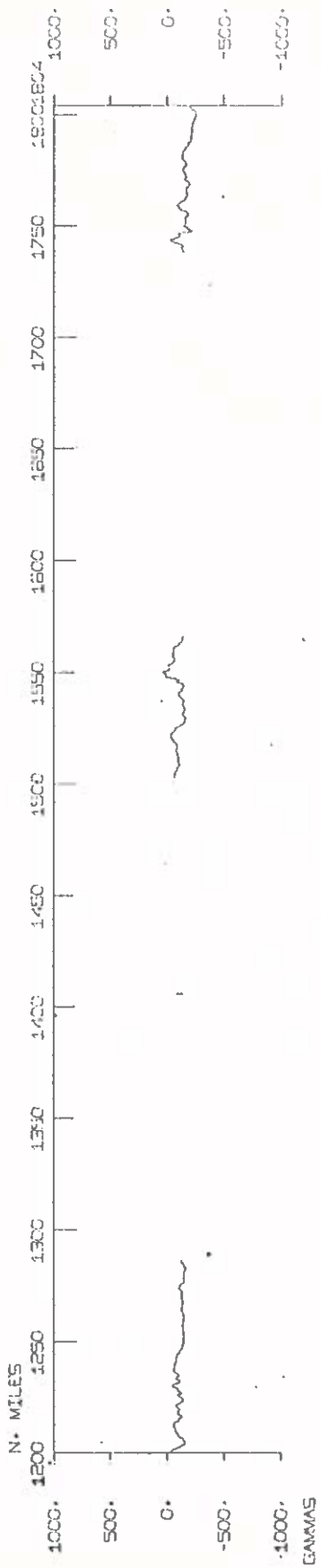
LOCOTOM LEG B



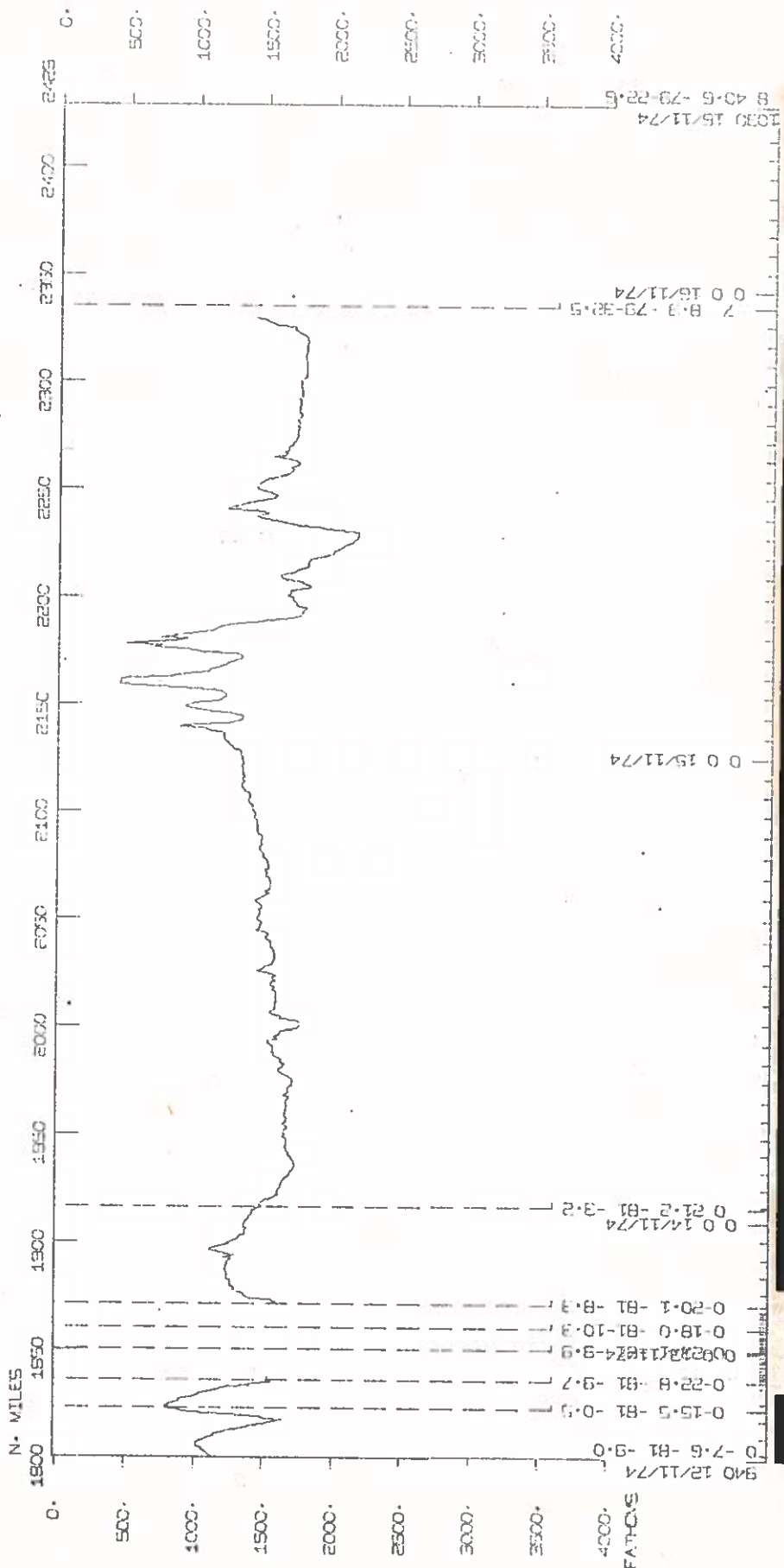
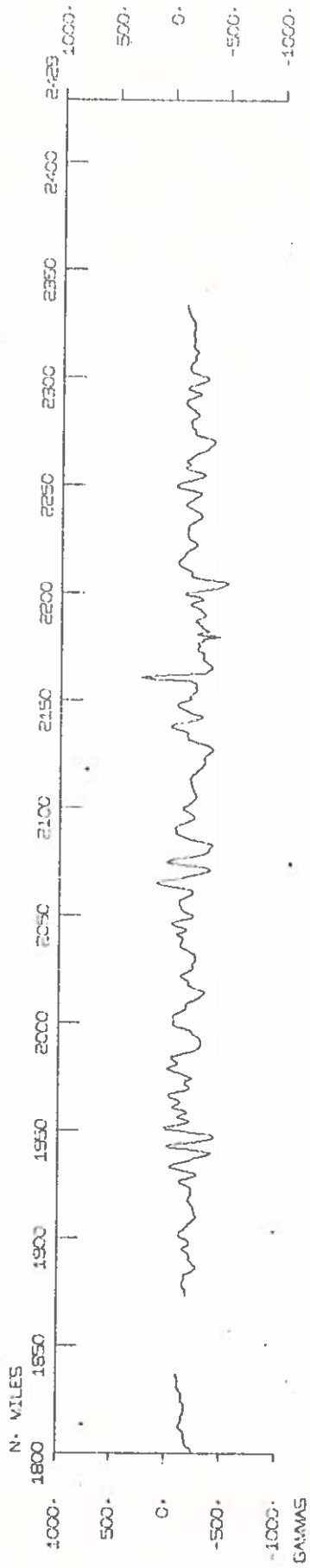
COCOTOW LEG 3



COCOTOW LEG 3



COCCOTOW LEG 3



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

BATHYTHERMOGRAPHS - CURATORIAL GROUP, (EXT. 1135)

| | | | | | | | | | |
|---|--------|--|--|-----|---------------|-----|--------|---------|------------|
| 0 | 231074 | | | BTX | NO.SAMPLES=01 | BTS | 6 175N | 80 232W | S CCTW03MV |
| 0 | 241074 | | | BTX | NO.SAMPLES=03 | BTS | 3 234N | 82 478W | S CCTW03MV |
| 0 | 251074 | | | BTX | NO.SAMPLES=02 | BTS | 0 200N | 85 0W | S CCTW03MV |
| 0 | 261074 | | | BTX | NO.SAMPLES=02 | BTS | 0 415S | 85 272W | S CCTW03MV |
| 0 | 281074 | | | BTX | NO.SAMPLES=01 | BTS | 0 342S | 85 318W | S CCTW03MV |
| 0 | 291074 | | | BTX | NO.SAMPLES=01 | BTS | 0 313S | 85 328W | S CCTW03MV |
| 0 | 11174 | | | BTX | NO.SAMPLES=01 | BTS | 0 449S | 82 456W | S CCTW03MV |
| 0 | 41174 | | | BTX | NO.SAMPLES=01 | BTS | 0 203S | 81 97W | S CCTW03MV |
| 0 | 51174 | | | BTX | NO.SAMPLES=01 | BTS | 0 195S | 81 84W | S CCTW03MV |
| 0 | 101174 | | | BTX | NO.SAMPLES=01 | BTS | 0 31S | 81 306W | S CCTW03MV |
| 0 | 141174 | | | BTX | NO.SAMPLES=02 | BTS | 0 150N | 81 50W | S CCTW03MV |
| 0 | 151174 | | | BTX | NO.SAMPLES=03 | BTS | 3 446N | 80 201W | S CCTW03MV |

SALINITY SAMPLES

| | | | | | | | | | |
|---|--------|--|--|------|---------------|-----|--------|---------|------------|
| 0 | 231074 | | | SSSA | NO.SAMPLES=01 | DCP | 6 175N | 80 232W | S CCTW03MV |
| 0 | 241074 | | | SSSA | NO.SAMPLES=03 | DCP | 3 234N | 82 478W | S CCTW03MV |
| 0 | 251074 | | | SSSA | NO.SAMPLES=02 | DCP | 0 200N | 85 0W | S CCTW03MV |
| 0 | 261074 | | | SSSA | NO.SAMPLES=02 | DCP | 0 415S | 85 272W | S CCTW03MV |
| 0 | 281074 | | | SSSA | NO.SAMPLES=01 | DCP | 0 342S | 85 318W | S CCTW03MV |
| 0 | 291074 | | | SSSA | NO.SAMPLES=01 | DCP | 0 313S | 85 328W | S CCTW03MV |
| 0 | 11174 | | | SSSA | NO.SAMPLES=01 | DCP | 0 449S | 82 456W | S CCTW03MV |
| 0 | 41174 | | | SSSA | NO.SAMPLES=01 | DCP | 0 203S | 81 97W | S CCTW03MV |
| 0 | 51174 | | | SSSA | NO.SAMPLES=01 | DCP | 0 195S | 81 84W | S CCTW03MV |
| 0 | 101174 | | | SSSA | NO.SAMPLES=01 | DCP | 0 31S | 81 306W | S CCTW03MV |
| 0 | 141174 | | | SSSA | NO.SAMPLES=02 | DCP | 0 150N | 81 50W | S CCTW03MV |
| 0 | 151174 | | | SSSA | NO.SAMPLES=03 | DCP | 3 446N | 80 201W | S CCTW03MV |

SAMPLE INDEX

COCOTOW EXPEDITION

LEG 03

LIST 30DEC1974

| | | | | | |
|-------------|----|----------------------|--------|---------|----------|
| 1900 221074 | LG | B BALBOA, CANAL ZONE | 8 570N | 79 340W | CCTW03MV |
| 1400 161174 | LG | E BALBOA, CANAL ZONE | 8 570N | 79 340W | CCTW03MV |

PERSONNEL

| | | | |
|------|----------------|-----|----------|
| PECS | LONSDALE, P. | MPL | CCTW03MV |
| PERT | KEITH, W. | MTG | CCTW03MV |
| PERT | WITHEROW, S. | MTG | CCTW03MV |
| PECT | STUBER, D. | SCG | CCTW03MV |
| PEAT | MCKEE, J. | MTG | CCTW03MV |
| PEET | FERREIRA, S. | MLR | CCTW03MV |
| PE | ALEXANDER, C. | SIO | CCTW03MV |
| PEXN | AYALA, L. | IOG | CCTW03MV |
| PE | BENSON, M. | MPL | CCTW03MV |
| PEXN | DE OCHOA, C. | CSE | CCTW03MV |
| PE | DONOVAN, J. | MPL | CCTW03MV |
| PE | HAGERTY, R. | DSV | CCTW03MV |
| PE | LOWENSTEIN, C. | MPL | CCTW03MV |
| PE | MAYER, L. | SIO | CCTW03MV |
| PE | MCKINNEY, D. | MPL | CCTW03MV |
| PE | MILLER, S. | MPL | CCTW03MV |
| PE | PAVLICEK, V. | MPL | CCTW03MV |
| PE | RIPLEY, D. | ORD | CCTW03MV |
| PE | STOTTS, P. | MPL | CCTW03MV |
| PE | TYCE, R. | MPL | CCTW03MV |
| PE | WISHNER, K. | SIO | CCTW03MV |
| PE | YOUNG, C. | VOL | CCTW03MV |

NOTE=THE FOLLOWING CODES ARE NEW

DSV=DEEP SEA VENTURES,

*** 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 |
|-------------------|----------------|-------------|-----------|--------------|---------------|--------------|-------|-----------|--------------------|
| *** LOG BOOKS *** | | | | | | | | | |
| 135 | 231074 | | | LGUW B | UNDERWAY LOG | GDC | 6 43N | 80 340W S | CCTW03MV |
| 2215 | 151174 | | | LGUW E | UNDERWAY LOG | GDC | 7 80N | 79 326W S | CCTW03MV |

 UNDERWAY DATA - CURATOR T.E. CHASE 2ND FLOOR AQUARIUM (EXT.1534)

*** NAVIGATION PLOTS ***

| | | | | | | | | | |
|------|--------|--|--|--------|------------------|-----|--------|-----------|----------|
| 2328 | 221074 | | | NVBP B | BRIDGE PLOT 03-1 | GDC | 6 220N | 80 198W S | CCTW03MV |
| 1848 | 231074 | | | NVBP E | BRIDGE PLOT 03-1 | GDC | 3 559N | 82 194W S | CCTW03MV |
| 1848 | 231074 | | | NVBP B | BRIDGE PLOT 03-2 | GDC | 3 559N | 82 194W S | CCTW03MV |
| 2014 | 301074 | | | NVBP E | BRIDGE PLOT 03-2 | GDC | 0 370S | 85 340W S | CCTW03MV |
| 2014 | 301074 | | | NVBP B | BRIDGE PLOT 03-3 | GDC | 0 370S | 85 340W S | CCTW03MV |
| 1118 | 21174 | | | NVBP E | BRIDGE PLOT 03-3 | GDC | 0 195S | 81 95W S | CCTW03MV |
| 1118 | 21174 | | | NVBP B | BRIDGE PLOT 03-4 | GDC | 0 195S | 81 95W S | CCTW03MV |
| 1906 | 71174 | | | NVBP E | BRIDGE PLOT 03-4 | GDC | 0 117S | 81 203W S | CCTW03MV |
| 1906 | 71174 | | | NVBP B | BRIDGE PLOT 03-5 | GDC | 0 117S | 81 203W S | CCTW03MV |
| 1836 | 121174 | | | NVBP E | BRIDGE PLOT 03-5 | GDC | 0 208S | 81 103W S | CCTW03MV |
| 1836 | 121174 | | | NVBP B | BRIDGE PLOT 03-6 | GDC | 0 208S | 81 103W S | CCTW03MV |
| 2248 | 141174 | | | NVBP E | BRIDGE PLOT 03-6 | GDC | 3 338N | 80 212W S | CCTW03MV |
| 2248 | 141174 | | | NVBP B | BRIDGE PLOT 03-7 | GDC | 3 338N | 80 212W S | CCTW03MV |
| 2302 | 151174 | | | NVBP E | BRIDGE PLOT 03-7 | GDC | 7 81N | 79 325W S | CCTW03MV |

*** FATHOGRAMS ***

| | | | | | | | | | |
|------|--------|--|--|--------|-----------------|-----|--------|-----------|----------|
| 49 | 121174 | | | DPRT B | GDR 12KHZ R-01 | GDC | 0 37S | 81 256W S | CCTW03MV |
| 1657 | 121174 | | | DPRT E | GDR 12KHZ R-01 | GDC | 0 212S | 81 96W S | CCTW03MV |
| 1908 | 131174 | | | DPRT B | GDR 12KHZ R-02 | GDC | 0 202S | 81 86W S | CCTW03MV |
| 1324 | 151174 | | | DPRT E | GDR 12KHZ R-02 | GDC | 5 452N | 79 506W S | CCTW03MV |
| 1324 | 151174 | | | DPRT B | GDR 12KHZ R-03 | GDC | 5 452N | 79 506W S | CCTW03MV |
| 2300 | 151174 | | | DPRT E | GDR 12KHZ R-03 | GDC | 7 80N | 79 326W S | CCTW03MV |
| 135 | 231074 | | | DPR3 B | GDR 3.5KHZ R-01 | GDC | 6 43N | 80 340W S | CCTW03MV |
| 1930 | 231074 | | | DPR3 E | GDR 3.5KHZ R-01 | GDC | 3 516N | 82 231W S | CCTW03MV |
| 2027 | 231074 | | | DPR3 B | GDR 3.5KHZ R-02 | GDC | 3 459N | 82 280W S | CCTW03MV |
| 332 | 241074 | | | DPR3 E | GDR 3.5KHZ R-02 | GDC | 2 585N | 83 73W S | CCTW03MV |
| 334 | 241074 | | | DPR3 B | GDR 3.5KHZ R-03 | GDC | 2 583N | 83 74W S | CCTW03MV |
| 2016 | 251074 | | | DPR3 E | GDR 3.5KHZ R-03 | GDC | 0 387S | 85 296W S | CCTW03MV |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|-------------------------------------|----------------|-------------|-----------|--------------|-----------------|--------------|--------|---------|--------------------|
| 2015 | 301074 | | | DPR3 B | GDR 3.5KHZ R-04 | GDC | 0 370S | 85 338W | S CCTW03MV |
| 743 | 21174 | | | DPR3 E | GDR 3.5KHZ R-04 | GDC | 0 178S | 81 125W | S CCTW03MV |
| 1447 | 71174 | | | DPR3 B | GDR 3.5KHZ R-05 | GDC | 0 181S | 81 104W | S CCTW03MV |
| 225 | 81174 | | | DPR3 E | GDR 3.5KHZ R-05 | GDC | 0 4S | 81 314W | S CCTW03MV |
| 545 | 121174 | | | DPR3 B | GDR 3.5KHZ R-06 | GDC | 0 11S | 81 107W | S CCTW03MV |
| 1705 | 121174 | | | DPR3 E | GDR 3.5KHZ R-06 | GDC | 0 211S | 81 96W | S CCTW03MV |
| 1915 | 131174 | | | DPR3 B | GDR 3.5KHZ R-07 | GDC | 0 202S | 81 89W | S CCTW03MV |
| 1440 | 141174 | | | DPR3 E | GDR 3.5KHZ R-07 | GDC | 2 181N | 80 397W | S CCTW03MV |
| 1442 | 141174 | | | DPR3 B | GDR 3.5KHZ R-08 | GDC | 2 184N | 80 396W | S CCTW03MV |
| 2300 | 151174 | | | DPR3 E | GDR 3.5KHZ R-08 | GDC | 7 80N | 79 326W | S CCTW03MV |
| ***MAGNETOMETER*** | | | | | | | | | |
| 1605 | 221074 | | | MGR B | MAGNETICS R-01 | GDC | 7 252N | 79 358W | S CCTW03MV |
| 1858 | 241074 | | | MGR E | MAGNETICS R-01 | GDC | 0 574N | 84 310W | S CCTW03MV |
| 1906 | 241074 | | | MGR B | MAGNETICS R-02 | GDC | 0 565N | 84 317W | S CCTW03MV |
| 2300 | 151174 | | | MGR E | MAGNETICS R-02 | GDC | 7 80N | 79 326W | S CCTW03MV |
| *** SEISMIC REFLECTION PROFILES *** | | | | | | | | | |
| 1538 | 221074 | | | SPRF B | AIRGUN-RF R-01 | GDC | 7 275N | 79 354W | S CCTW03MV |
| 2300 | 151174 | | | SPRF E | AIRGUN-RF R-01 | GDC | 7 80N | 79 326W | S CCTW03MV |
| 1538 | 221074 | | | SPR5 B | AIRGUN-R5 R-01 | GDC | 7 275N | 79 354W | S CCTW03MV |
| 221 | 21174 | | | SPR5 E | AIRGUN-R5 R-01 | GDC | 0 222S | 81 103W | S CCTW03MV |
| 1925 | 61174 | | | SPR5 B | AIRGUN-R5 R-02 | GDC | 0 182S | 81 83W | S CCTW03MV |
| 2300 | 151174 | | | SPR5 E | AIRGUN-R5 R-02 | GDC | 7 80N | 79 326W | S CCTW03MV |

| TIME GMT | DATE D.M.Y. | TIME T2 LOC | SAMP LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|-------------|----------------|----------------|-------------|--------------|---------------|--------------|------|-------|--------------------|
|-------------|----------------|----------------|-------------|--------------|---------------|--------------|------|-------|--------------------|

DEEP TOW SURVEY-CURATOR JOHN MUDIE (EXT.1091)

| | | | | | | | | | |
|------|--------|--|--|----|-----------------------|-----|--------|---------|------------|
| 2016 | 251074 | | | DT | B SAND DUNE VALLEY 1 | DTG | 0 387S | 85 296W | S CCTW03MV |
| 46 | 281074 | | | DT | E SAND DUNE VALLEY 1 | DTG | 0 340S | 85 323W | S CCTW03MV |
| 932 | 281074 | | | DT | B SAND DUNE VALLEY 2 | DTG | 0 338S | 85 329W | S CCTW03MV |
| 1145 | 291074 | | | DT | E SAND DUNE VALLEY 2 | DTG | 0 345S | 85 343W | S CCTW03MV |
| 741 | 21174 | | | DT | B ECUADORIAN TRENCH 1 | DTG | 0 178S | 81 124W | S CCTW03MV |
| 1552 | 31174 | | | DT | E ECUADORIAN TRENCH 1 | DTG | 0 206S | 81 89W | S CCTW03MV |
| 1751 | 31174 | | | DT | B ECUADORIAN TRENCH 2 | DTG | 0 195S | 81 85W | S CCTW03MV |
| 1743 | 51174 | | | DT | E ECUADORIAN TRENCH 2 | DTG | 0 183S | 81 80W | S CCTW03MV |
| 1830 | 81174 | | | DT | B CANYON LANDS | DTG | 0 31S | 81 267W | S CCTW03MV |
| 1215 | 111174 | | | DT | E CANYON LANDS | DTG | 0 48S | 81 291W | S CCTW03MV |
| 1530 | 121174 | | | DT | B ECUADORIAN TRENCH 3 | DTG | 0 217S | 81 104W | S CCTW03MV |
| 945 | 131174 | | | DT | E ECUADORIAN TRFNCH 3 | DTG | 0 177S | 81 97W | S CCTW03MV |

*** CORES ***

| | | | | | | | | | |
|------|--------|--|--|------|-----------------------|-----|--------|---------|------------|
| 1415 | 251074 | | | C G | B CCTW03-12G 2432 | GCR | 0 426S | 85 192W | S CCTW03MA |
| 1515 | 251074 | | | C G | E CCTW03-12G | GCR | 0 425S | 85 198W | S CCTW03MA |
| 2044 | 291074 | | | C P | B CCTW03-13P 2975 | GCR | 0 302S | 85 335W | S CCTW03MA |
| 2225 | 291074 | | | C P | E CCTW03-13P | GCR | 0 299S | 85 339W | S CCTW03MA |
| 2044 | 291074 | | | C PG | B CCTW03-13PG 2975 | GCR | 0 302S | 85 335W | S CCTW03MA |
| 2225 | 291074 | | | C PG | E CCTW03-13PG | GCR | 0 299S | 85 339W | S CCTW03MA |
| 228 | 301074 | | | C P | B CCTW03-14P 2895 | GCR | 0 343S | 85 283W | S CCTW03MA |
| 410 | 301074 | | | C P | E CCTW03-14P | GCR | 0 347S | 85 292W | S CCTW03MA |
| 228 | 301074 | | | C PG | B CCTW03-14PG NO CORE | GCR | 0 343S | 85 283W | S CCTW03MA |
| 410 | 301074 | | | C PG | E CCTW03-14PG NO CORE | GCR | 0 347S | 85 292W | S CCTW03MA |
| 639 | 301074 | | | C P | B CCTW03-15P 2950 | GCR | 0 286S | 85 333W | S CCTW03MA |
| 811 | 301074 | | | C P | E CCTW03-15P | GCR | 0 280S | 85 345W | S CCTW03MA |
| 639 | 301074 | | | C PG | B CCTW03-15PG NO CORE | GCR | 0 286S | 85 333W | S CCTW03MA |
| 811 | 301074 | | | C PG | E CCTW03-15PG NO CORE | GCR | 0 280S | 85 345W | S CCTW03MA |
| 1019 | 301074 | | | C G | B CCTW03-16G 2550 | GCR | 0 292S | 85 249W | S CCTW03MA |
| 1115 | 301074 | | | C G | E CCTW03-16G | GCR | 0 298S | 85 249W | S CCTW03MA |
| 1416 | 311074 | | | C P | B CCTW03-17P 1667 | GCR | 0 430S | 82 460W | S CCTW03MA |
| 1522 | 311074 | | | C P | E CCTW03-17P | GCR | 0 445S | 82 467W | S CCTW03MA |
| 1416 | 311074 | | | C PG | B CCTW03-17PG NO CORE | GCR | 0 430S | 82 460W | S CCTW03MA |
| 1522 | 311074 | | | C PG | E CCTW03-17PG NO CORE | GCR | 0 445S | 82 467W | S CCTW03MA |
| 1745 | 311074 | | | C P | B CCTW03-18P 1421 | GCR | 0 449S | 82 453W | S CCTW03MA |
| 1840 | 311074 | | | C P | E CCTW03-18P | GCR | 0 445S | 82 444W | S CCTW03MA |
| 1745 | 311074 | | | C PG | B CCTW03-18PG 1421 | GCR | 0 449S | 82 453W | S CCTW03MA |
| 1840 | 311074 | | | C PG | E CCTW03-18PG | GCR | 0 445S | 82 444W | S CCTW03MA |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|-------------|----------------|-------------|-----------|--------------|---------------------|--------------|--------|-----------|--------------------|
| 2122 | 311074 | | | C P B | CCTW03-19P 1400 | GCR | 0 450S | 82 441W S | CCTW03MV |
| 2222 | 311074 | | | C P E | CCTW03-19P | GCR | 0 454S | 82 444W S | CCTW03MV |
| 2122 | 311074 | | | C PG B | CCTW03-19PG 1400 | GCR | 0 450S | 82 441W S | CCTW03MV |
| 2222 | 311074 | | | C PG E | CCTW03-19PG | GCR | 0 454S | 82 444W S | CCTW03MV |
| 14 | 11174 | | | C P B | CCTW03-20P 1635 | GCR | 0 447S | 82 453W S | CCTW03MV |
| 130 | 11174 | | | C P E | CCTW03-20P | GCR | 0 433S | 82 441W S | CCTW03MV |
| 14 | 11174 | | | C PG B | CCTW03-20PG NO CORE | GCR | 0 447S | 82 453W S | CCTW03MV |
| 130 | 11174 | | | C PG E | CCTW03-20PG | GCR | 0 433S | 82 441W S | CCTW03MV |
| 2348 | 51174 | | | C P B | CCTW03-21P 2885 | GCR | 0 209S | 81 96W S | CCTW03MV |
| 156 | 61174 | | | C P E | CCTW03-21P | GCR | 0 210S | 81 96W S | CCTW03MV |
| 2348 | 51174 | | | C PG B | CCTW03-21PG 2885 | GCR | 0 209S | 81 96W S | CCTW03MV |
| 156 | 61174 | | | C PG E | CCTW03-21PG | GCR | 0 210S | 81 96W S | CCTW03MV |
| 342 | 61174 | | | C P B | CCTW03-22P 2615 | GCR | 0 201S | 81 80W S | CCTW03MV |
| 525 | 61174 | | | C P E | CCTW03-22P | GCR | 0 207S | 81 84W S | CCTW03MV |
| 342 | 61174 | | | C PG B | CCTW03-22PG 2615 | GCR | 0 201S | 81 80W S | CCTW03MV |
| 525 | 61174 | | | C PG E | CCTW03-22PG | GCR | 0 207S | 81 84W S | CCTW03MV |
| 709 | 61174 | | | C P B | CCTW03-23P 2324 | GCR | 0 215S | 81 72W S | CCTW03MV |
| 840 | 61174 | | | C P E | CCTW03-23P | GCR | 0 214S | 81 69W S | CCTW03MV |
| 709 | 61174 | | | C PG B | CCTW03-23PG NO CORE | GCR | 0 215S | 81 72W S | CCTW03MV |
| 840 | 61174 | | | C PG E | CCTW03-23PG | GCR | 0 214S | 81 69W S | CCTW03MV |
| 1055 | 61174 | | | C P B | CCTW03-24P 2946 | GCR | 0 186S | 81 87W S | CCTW03MV |
| 35 | 71174 | | | C P E | CCTW03-24P | GCR | 0 190S | 81 96W S | CCTW03MV |
| 1055 | 61174 | | | C PG B | CCTW03-24PG NO CORE | GCR | 0 186S | 81 87W S | CCTW03MV |
| 25 | 71174 | | | C PG E | CCTW03-24PG | GCR | 0 191S | 81 93W S | CCTW03MV |
| 105 | 71174 | | | C P B | CCTW03-25P 2710 | GCR | 0 190S | 81 97W S | CCTW03MV |
| 255 | 71174 | | | C P E | CCTW03-25P | GCR | 0 193S | 81 94W S | CCTW03MV |
| 105 | 71174 | | | C PG B | CCTW03-25PG 2710 | GCR | 0 190S | 81 97W S | CCTW03MV |
| 255 | 71174 | | | C PG E | CCTW03-25PG | GCR | 0 193S | 81 94W S | CCTW03MV |
| 344 | 71174 | | | C P B | CCTW03-26P 2860 | GCR | 0 179S | 81 90W S | CCTW03MV |
| 646 | 71174 | | | C P E | CCTW03-26P | GCR | 0 184S | 81 85W S | CCTW03MV |
| 344 | 71174 | | | C PG B | CCTW03-26PG NO CORE | GCR | 0 179S | 81 90W S | CCTW03MV |
| 646 | 71174 | | | C PG E | CCTW03-26PG | GCR | 0 184S | 81 85W S | CCTW03MV |
| 811 | 71174 | | | C P B | CCTW03-27P 2398 | GCR | 0 178S | 81 118W S | CCTW03MV |
| 1008 | 71174 | | | C P E | CCTW03-27P | GCR | 0 175S | 81 118W S | CCTW03MV |
| 811 | 71174 | | | C PG B | CCTW03-27PG NO CORE | GCR | 0 178S | 81 118W S | CCTW03MV |
| 1008 | 71174 | | | C PG E | CCTW03-27PG | GCR | 0 175S | 81 118W S | CCTW03MV |
| 1204 | 71174 | | | C P B | CCTW03-28P 2536 | GCR | 0 189S | 81 116W S | CCTW03MV |
| 1300 | 71174 | | | C P E | CCTW03-28P | GCR | 0 189S | 81 119W S | CCTW03MV |
| 1204 | 71174 | | | C PG B | CCTW03-28PG 2536 | GCR | 0 189S | 81 116W S | CCTW03MV |
| 1300 | 71174 | | | C PG E | CCTW03-28PG | GCR | 0 189S | 81 119W S | CCTW03MV |
| 743 | 81174 | | | C P B | CCTW03-29P NO CORE | GCR | 0 1S | 81 254W S | CCTW03MV |
| 845 | 81174 | | | C P E | CCTW03-29P | GCR | 0 19S | 81 263W S | CCTW03MV |
| 743 | 81174 | | | C PG B | CCTW03-29PG 1334 | GCR | 0 1S | 81 254W S | CCTW03MV |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|----------------|----------------|-------------|-----------|--------------|--------------------|--------------|------|---------|--------------------|
| 845 | 81174 | | | C PG E | CCTW03-29PG | GCR 0 | 19S | 81 263W | S CCTW03MV |
| 1107 | 81174 | | | C P B | CCTW03-30P 1349 | GCR 0 | 23S | 81 261W | S CCTW03MV |
| 1232 | 81174 | | | C P E | CCTW03-30P | GCR 0 | 29S | 81 265W | S CCTW03MV |
| 1107 | 81174 | | | C PG B | CCTW03-30PG 1349 | GCR 0 | 23S | 81 261W | S CCTW03MV |
| 1232 | 81174 | | | C PG E | CCTW03-30PG | GCR 0 | 29S | 81 265W | S CCTW03MV |
| 1354 | 81174 | | | C P B | CCTW03-31P NO CORE | GCR 0 | 34S | 81 269W | S CCTW03MV |
| 1500 | 81174 | | | C P E | CCTW03-31P | GCR 0 | 33S | 81 268W | S CCTW03MV |
| 1354 | 81174 | | | C PG B | CCTW03-31PG 1500 | GCR 0 | 34S | 81 269W | S CCTW03MV |
| 1500 | 81174 | | | C PG E | CCTW03-31PG | GCR 0 | 33S | 81 268W | S CCTW03MV |
| 1307 | 111174 | | | C G B | CCTW03-32G 1290 | GCR 0 | 40S | 81 296W | S CCTW03MV |
| 1345 | 111174 | | | C G E | CCTW03-32G | GCR 0 | 34S | 81 299W | S CCTW03MV |
| 1419 | 111174 | | | C G B | CCTW03-33G 1341 | GCR 0 | 43S | 81 299W | S CCTW03MV |
| 1445 | 111174 | | | C G E | CCTW03-33G | GCR 0 | 43S | 81 301W | S CCTW03MV |
| 1500 | 111174 | | | C G B | CCTW03-34G 1325 | GCR 0 | 41S | 81 301W | S CCTW03MV |
| 1535 | 111174 | | | C G E | CCTW03-34G | GCR 0 | 37S | 81 298W | S CCTW03MV |
| 1620 | 111174 | | | C G B | CCTW03-35G 1412 | GCR 0 | 43S | 81 295W | S CCTW03MV |
| 1659 | 111174 | | | C G E | CCTW03-35G | GCR 0 | 34S | 81 288W | S CCTW03MV |
| 1710 | 111174 | | | C G B | CCTW03-36G 1326 | GCR 0 | 32S | 81 287W | S CCTW03MV |
| 1740 | 111174 | | | C G E | CCTW03-36G | GCR 0 | 27S | 81 282W | S CCTW03MV |
| 1754 | 111174 | | | C G B | CCTW03-37G 1358 | GCR 0 | 29S | 81 286W | S CCTW03MV |
| 1845 | 111174 | | | C G E | CCTW03-37G | GCR 0 | 29S | 81 291W | S CCTW03MV |
| 1858 | 111174 | | | C G B | CCTW03-38G 1438 | GCR 0 | 29S | 81 295W | S CCTW03MV |
| 1938 | 111174 | | | C G E | CCTW03-38G | GCR 0 | 21S | 81 294W | S CCTW03MV |
| 2116 | 111174 | | | C G B | CCTW03-39G 1480 | GCR 0 | 25S | 81 271W | S CCTW03MV |
| 2148 | 111174 | | | C G E | CCTW03-39G | GCR 0 | 12S | 81 273W | S CCTW03MV |
| 2333 | 111174 | | | C G B | CCTW03-40G NO CORE | GCR 0 | 30N | 81 263W | S CCTW03MV |
| 5 | 121174 | | | C G E | CCTW03-40G | GCR 0 | 30S | 81 263W | S CCTW03MV |
| 13 | 121174 | | | C G B | CCTW03-41G 1325 | GCR 0 | 30S | 81 262W | S CCTW03MV |
| 41 | 121174 | | | C G E | CCTW03-41G | GCR 0 | 34S | 81 257W | S CCTW03MV |
| *** DREDGE *** | | | | | | | | | |
| 1331 | 301074 | | | D R B | CCTW 02D 2340 | GCR 0 | 321S | 85 363W | S CCTW03MV |
| 1706 | 301074 | | | D R E | CCTW 02D 2300 | GCR 0 | 365S | 85 377W | S CCTW03MV |
| 1321 | 61174 | | | D R B | CCTW 03D 3000 | GCR 0 | 184S | 81 88W | S CCTW03MV |
| 1725 | 61174 | | | D R E | CCTW 03D 2970 | GCR 0 | 197S | 81 90W | S CCTW03MV |
| 1350 | 131174 | | | D R B | CCTW 04D 2988 | GCR 0 | 204S | 81 80W | S CCTW03MV |
| 1530 | 131174 | | | D R E | CCTW 04D 2499 | GCR 0 | 209S | 81 80W | S CCTW03MV |

| TIME GMT | DATE D.M.Y. | TIME LOC | TZ LOC | SAMP CODE | SAMPLE IDENT. | DISP CODE | LAT. | LONG. | CRUISE LEG-SHIP |
|--|----------------|-------------|-----------|--------------|---------------|--------------|------------|---------|--------------------|
| ----- | | | | | | | | | |
| CURRENT MEASUREMENTS - CURATOR SARILEE VALENTINE (EXT. 1080) | | | | | | | | | |
| ----- | | | | | | | | | |
| 1652 | 251074 | | | CMAB | CCTW-03-03CM | RCVR | VAL 0 417S | 85 182W | S CCTW03MV |
| 505 | 281074 | | | CMAB | CCTW-03-04CM | RCVR | VAL 0 418S | 85 297W | S CCTW03MV |
| 0 | 01074 | | | CMAB | CCTW-03-05CM | LOST | VAL 8 236N | 79 260W | S CCTW03MV |
| 0 | 01074 | | | CMAB | CCTW-03-06CM | LOST | VAL 8 236N | 79 260W | S CCTW03MV |
| 1836 | 61174 | | | CMAB | CCTW-03-07CM | RCVR | VAL 0 194S | 81 96W | S CCTW03MV |
| 805 | 251074 | | | CMAB B | CCTW-03-08CM | | VAL 0 322S | 85 355W | S CCTW03MV |
| 1600 | 291074 | | | CMAB E | CCTW-03-08CM | | VAL 0 311S | 85 345W | S CCTW03MV |
| 449 | 21174 | | | CMAB B | CCTW-03-09CM | | VAL 0 169S | 81 91W | S CCTW03MV |
| 1505 | 71174 | | | CMAB E | CCTW-03-09CM | | VAL 0 177S | 81 100W | S CCTW03MV |
| 553 | 21174 | | | CMAB B | CCTW-03-10CM | | VAL 0 188S | 81 101W | S CCTW03MV |
| 1420 | 71174 | | | CMAB E | CCTW-03-10CM | | VAL 0 188S | 81 121W | S CCTW03MV |
| 643 | 21174 | | | CMAB B | CCTW-03-11CM | | VAL 0 173S | 81 114W | S CCTW03MV |
| 1110 | 71174 | | | CMAB E | CCTW-03-11CM | | VAL 0 176S | 81 118W | S CCTW03MV |
| 330 | 81174 | | | CMAB B | CCTW-03-12CM | | VAL 0 28S | 81 261W | S CCTW03MV |
| 2315 | 111174 | | | CMAB E | CCTW-03-12CM | | VAL 0 22S | 81 269W | S CCTW03MV |
| 408 | 81174 | | | CMAB B | CCTW-03-13CM | | VAL 0 20S | 81 281W | S CCTW03MV |
| 2240 | 111174 | | | CMAB E | CCTW-03-13CM | | VAL 0 8S | 81 279W | S CCTW03MV |
| 547 | 81174 | | | CMAB B | CCTW-03-14CM | | VAL 0 25S | 81 293W | S CCTW03MV |
| 1950 | 111174 | | | CMAB E | CCTW-03-14CM | | VAL 0 19S | 81 296W | S CCTW03MV |

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

BATHYTHERMOGRAPHS - CURATORIAL GROUP, (EXT. 1135)

| | | | | | | | | | |
|---|--------|--|--|-----|---------------|-----|--------|---------|------------|
| 0 | 231074 | | | BTX | NO.SAMPLES=01 | BTS | 6 175N | 80 232W | S CCTW03MV |
| 0 | 241074 | | | BTX | NO.SAMPLES=03 | BTS | 3 234N | 82 478W | S CCTW03MV |
| 0 | 251074 | | | BTX | NO.SAMPLES=02 | BTS | 0 200N | 85 0W | S CCTW03MV |
| 0 | 261074 | | | BTX | NO.SAMPLES=02 | BTS | 0 415S | 85 272W | S CCTW03MV |
| 0 | 281074 | | | BTX | NO.SAMPLES=01 | BTS | 0 342S | 85 318W | S CCTW03MV |
| 0 | 291074 | | | BTX | NO.SAMPLES=01 | BTS | 0 313S | 85 328W | S CCTW03MV |
| 0 | 11174 | | | BTX | NO.SAMPLES=01 | BTS | 0 449S | 82 456W | S CCTW03MV |
| 0 | 41174 | | | BTX | NO.SAMPLES=01 | BTS | 0 203S | 81 97W | S CCTW03MV |
| 0 | 51174 | | | BTX | NO.SAMPLES=01 | BTS | 0 195S | 81 84W | S CCTW03MV |
| 0 | 101174 | | | BTX | NO.SAMPLES=01 | BTS | 0 31S | 81 306W | S CCTW03MV |
| 0 | 141174 | | | BTX | NO.SAMPLES=02 | BTS | 0 150N | 81 50W | S CCTW03MV |
| 0 | 151174 | | | BTX | NO.SAMPLES=03 | BTS | 3 446N | 80 201W | S CCTW03MV |

SALINITY SAMPLES

| | | | | | | | | | |
|---|--------|--|--|------|---------------|-----|--------|---------|------------|
| 0 | 231074 | | | SSSA | NO.SAMPLES=01 | DCP | 6 175N | 80 232W | S CCTW03MV |
| 0 | 241074 | | | SSSA | NO.SAMPLES=03 | DCP | 3 234N | 82 478W | S CCTW03MV |
| 0 | 251074 | | | SSSA | NO.SAMPLES=02 | DCP | 0 200N | 85 0W | S CCTW03MV |
| 0 | 261074 | | | SSSA | NO.SAMPLES=02 | DCP | 0 415S | 85 272W | S CCTW03MV |
| 0 | 281074 | | | SSSA | NO.SAMPLES=01 | DCP | 0 342S | 85 318W | S CCTW03MV |
| 0 | 291074 | | | SSSA | NO.SAMPLES=01 | DCP | 0 313S | 85 328W | S CCTW03MV |
| 0 | 11174 | | | SSSA | NO.SAMPLES=01 | DCP | 0 449S | 82 456W | S CCTW03MV |
| 0 | 41174 | | | SSSA | NO.SAMPLES=01 | DCP | 0 203S | 81 97W | S CCTW03MV |
| 0 | 51174 | | | SSSA | NO.SAMPLES=01 | DCP | 0 195S | 81 84W | S CCTW03MV |
| 0 | 101174 | | | SSSA | NO.SAMPLES=01 | DCP | 0 31S | 81 306W | S CCTW03MV |
| 0 | 141174 | | | SSSA | NO.SAMPLES=02 | DCP | 0 150N | 81 50W | S CCTW03MV |
| 0 | 151174 | | | SSSA | NO.SAMPLES=03 | DCP | 3 446N | 80 201W | S CCTW03MV |