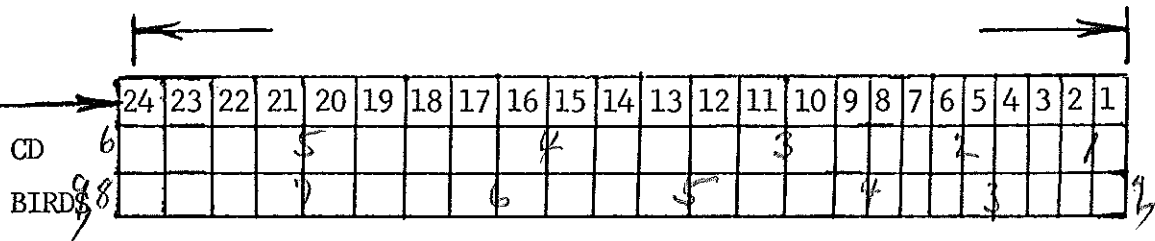


|                                    |                       |   |                                       |
|------------------------------------|-----------------------|---|---------------------------------------|
| CRUISE<br><u>I 623-3</u>           | LINE<br><u>872-24</u> | AREA-PROJECT<br><u>E of Mex Gulf Littorines II</u>  | DATE<br><u>23 I 77</u>                |
| SYSTEM                             |                       | BEGIN - TIME - DATE<br><u>10:00</u> - <u>24 I 77</u>  | END - TIME - DATE                     |
|                                    |                       | LAT.  |                                       |
|                                    |                       | LONG.   |                                       |
|                                    |                       | TAPE INFO:  | record length - <u>8</u>              |
|                                    |                       | TAPE SPEED --   | pack density - <u>4 m<sub>2</sub></u> |
| SOURCE<br><u>4 Air Guns</u>        |                       | SPL. RATE --  |                                       |
|                                    |                       | RECORD FILTERS  | HI-cut - <u>70</u>                    |
|                                    |                       | LO-cut - <u>Out</u>   | Slope - <u>24</u>                     |
| GEOPHONES<br><u>Texas Streamer</u> |                       | SLOPE -   | Notch                                 |
|                                    |                       | REMARKS<br><u>Low leakage on 7, 11, 14, 16, 21, 22, 23, 24</u><br><u>but records usable.</u><br><u>Loose off 1 weight from back dist</u><br><u>section from Bire 3 to line 9.</u> |                                       |

SOURCE



BEGIN  
IG 23-3

| CRUISE<br>IG 23-3 |        |                 | LINE<br>GT 2-24 |                | AREA - PROJECT<br>G. of Mex. GULF TECTONICS - II |    |    |    |    |           |      |       |              |              |      |              |                        | DATE<br>23 JAN 77            |                  |
|-------------------|--------|-----------------|-----------------|----------------|--|----|----|----|----|-----------|------|-------|--------------|--------------|------|--------------|------------------------|------------------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.   | STREAMER DEPTH |  |    |    |    |    | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | *SOME<br>REMARKS             | Inits.<br>of Obs |
|                   |        |                 |                 | 1              | 2  | 3  | 4  | 5  | 6  | INIT.     | RATE | FINAL |              |              |      |              |                        |                              |                  |
|                   | 240219 |                 |                 |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | BAD NOS at Beginning of tape | Testing          |
| 2022              |        | 001             | 001             |                |  |    |    |    |    | 80        | 15   | 110   | .01          | 8            | 12   | 30           | 50 fm                  | Begin 7623-3                 |                  |
|                   |        |                 |                 |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | 2 guns - still testing       |                  |
| 20                |        | 67              |                 |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | equipment - BAD              |                  |
| 2057              |        | 068             | 000104          |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | leakage in 7, 11, 13         | TRACES           |
| "                 |        | 069             | 000105          |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | with some leakage in         |                  |
| 2059              |        | 73              | 000111          |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | 12, 16, 17, 18, 21-24        |                  |
| 2110              |        |                 |                 |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | Missed shots 68-72.          |                  |
| 2122              |        |                 |                 |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | Continued shot 73.           |                  |
| 2136              | 240219 | 148             | 000283          |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | Fast Shot                    |                  |
| 2136              |        | 149             | 000224          |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | Missed shot.                 |                  |
| 2137              | 240220 | 150             | 000225          |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | " "                          |                  |
| 2137              |        | 151             | 000226          | 65             | 100  | 95 | 55 | 35 |    |           |      |       |              |              |      |              |                        | Re/RP.                       |                  |
| 2137              |        | 152             |                 |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | Missed shot.                 |                  |
| 2138              |        | 153             | 000227          |                |  |    |    |    |    | 80        | 15   | 110   | .01          | 8            | 12   | 30           | 40 fm                  | Continue.                    |                  |
| 2149              |        | 172             | 252             |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | No T.B                       |                  |
| 2156              |        | 0               |                 |                |  |    |    |    |    |           |      |       |              |              |      |              |                        |                              |                  |
|                   |        | 0129            |                 |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | NOTB                         |                  |
|                   |        | 0230            |                 |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | "                            |                  |
|                   |        | 0231            | 00344           |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | O/K                          |                  |
| 2250              | 240220 | 296             | 445             |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | END                          |                  |
| 2251              | 240221 | 298             | 447             | 65             | 100  | 90 | 55 | 80 | 91 | 80        | 15   | 110   | .01          | 8            | 12   | 30           | 47                     | Begin                        |                  |
| 2251              |        | 299             | 450             |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | Re/RP.                       |                  |
| 2252              |        | 301             | 451             |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | CONTINUE                     |                  |
| 177               |        |                 |                 |                |  |    |    |    |    |           |      |       |              |              |      |              |                        |                              |                  |
| 0006              | 240221 | 449             | 675             |                |  |    |    |    |    |           |      |       |              |              |      |              |                        | END                          |                  |
| — 24 JAN 1977 —   |        |                 |                 |                |  |    |    |    |    |           |      |       |              |              |      |              |                        |                              |                  |

24 JAN

— 24 JAN 1977 —

| CRUISE<br>IG 23-3 |        |                 | LINE<br>6T2-24 |                | AREA - PROJECT<br>G. J Mex Tectonics II |    |    |    |    |                       |      |       |              |              | DATE<br>24 JAN '77 |              |                        |                      |                  |
|-------------------|--------|-----------------|----------------|----------------|---|----|----|----|----|-----------------------|------|-------|--------------|--------------|--------------------|--------------|------------------------|----------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.  | STREAMER DEPTH |   |    |    |    |    | GAIN (Db)             |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD               | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS              | Inits.<br>of Obs |
|                   |        |                 |                | 1              | 2                                       | 3  | 4  | 5  | 6  | INIT.                 | RATE | FINAL |              |              |                    |              |                        |                      |                  |
| 0008              | 240222 | 452             | 700            | 62             | 100                                     | 91 | 57 | 75 | 80 | 80                    | 15   | 110   | .01          | 8            | 12                 | 30           | 57 fm                  | BEGIN                |                  |
| 0008              | "      | 453             | 701            |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | RC/RP                |                  |
| 0009              | "      | 455             | 702            |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | CONTINUE             |                  |
| 0012              | "      | 460             | 707            |                |   |    |    |    |    |                       |      |       | .05          |              |                    |              |                        | D trip delay         |                  |
| 0017              | "      | 469             | 710            |                |   |    |    |    |    |                       |      |       | .50          |              |                    |              |                        | A trip delay         |                  |
| 0121              |        | 598             | 1120           | 65             | 100                                     | 90 | 55 | 70 |    |                       |      |       |              |              |                    |              |                        | last shot            |                  |
| 0121              | 240223 | 599             | 1121           |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | missed shot          |                  |
| 0122              |        | 600             | 1122           |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | 1st                  |                  |
| 0122              |        | 601             | 1123           |                |   |    |    |    |    |                       |      |       |              |              |                    | 67           |                        | RC/RP                |                  |
| 0123              |        | 602             | -              |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | Missed shot          |                  |
| 0123              |        | 603             | 1124           |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | Continue             |                  |
| 9                 | 240223 |                 |                |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | LAST SHOT            |                  |
| 9                 | 240224 |                 |                |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | FIRST SHOT           |                  |
| 9                 |        |                 |                |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | RC/RP                |                  |
| 0                 |        |                 |                |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | CONTINUE             |                  |
| 0219              |        | 714             | 1303           |                |   |    |    |    |    | 80                    | 12   | 110   |              |              |                    |              |                        | Change Gain Rate     |                  |
| 0228              |        |                 |                |                |   |    |    |    |    | 30, 32, 30, 31        |      |       |              |              |                    |              |                        |                      |                  |
| 0237              | 240223 | 750             | 1347           |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | Last Shot            |                  |
| 0239              | 240224 | 755             | 1354           |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | couldn't find E.O.F. |                  |
| 0241              |        | 758             | 1355           |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | RC/RP N.G.           |                  |
| 0242              |        | 760             | 1356           |                |   |    |    |    |    | (29, 32, 29, 30 GUNS) |      |       |              |              |                    |              |                        | CONTINUE             | TRH              |
| 0243              |        | 763             | 1361           | 60             | 100                                     | 90 | 53 | 67 | 79 | 80                    | 12   | 110   | .50          | 8            | 12                 | 30           | 75                     | RC/RP                |                  |
| 0244              |        | 765             | 1363           |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | CONTINUE             | TRH              |
|                   |        |                 |                |                |   |    |    |    |    | (24, 24, 24, 24 GUNS) |      |       |              |              |                    |              |                        |                      |                  |
| 0354              | 240224 | 905             | 1597           |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | Last St              |                  |
| 0356              | 240225 | 909             | 1603           | 66             | 100                                     | 91 | 53 | 63 | 76 | 80                    | 12   | 110   | .50          | 8            | 12                 | 30           | 77                     | RC/RP                |                  |
| 0357              |        | 911             | 1604           |                |   |    |    |    |    |                       |      |       |              |              |                    |              |                        | CONTINUE             | TRH              |
| 0459              |        | 1030            | 1777           |                |   |    |    |    |    | (30, 29, 30, 29 GUNS) |      |       |              |              |                    |              |                        | No + B               |                  |

| CRUISE |        | LINE            |               | AREA - PROJECT     |     |    |    |    |     |                  |      |         |              | DATE         |      |              |                        |                                |                  |
|--------|--------|-----------------|---------------|--------------------|-----|----|----|----|-----|------------------|------|---------|--------------|--------------|------|--------------|------------------------|--------------------------------|------------------|
| 1623-3 |        | GT2-24          |               | E. M. K. Turtow II |     |    |    |    |     |                  |      |         |              | 24 I 45      |      |              |                        |                                |                  |
| TIME   | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH     |     |    |    |    |     | GAIN (Db)        |      |         | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                        | Inits.<br>of Obs |
|        |        |                 |               | 1                  | 2   | 3  | 4  | 5  | 6   | INIT.            | RATE | FINAL   |              |              |      |              |                        |                                |                  |
| 0509   | 240225 | 1055            | 2023          | 13                 | 100 | 91 | 55 | 67 | 78  |                  |      |         |              |              |      |              | 82                     | Last St                        |                  |
| 0512   | 240226 | 1060            | 2030          |                    |     |    |    |    |     | 80               | 12   | 110     | .50          | 8            | 12   | 30           |                        | RC/RP - didn't play            |                  |
| 0513   |        | 1063            | 2031          |                    |     |    |    |    |     | (36, 36, 33, 33  |      |         |              |              |      |              |                        | RC/RP - recorded over          |                  |
| 0514   |        | 1065            | 2032          |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | questionable record            |                  |
| 0515   |        | 1066            | 2033          |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | RC/RP - good record            |                  |
| 0515   |        | 1067            | 2034          |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | No time break                  |                  |
| 0516   |        | 1068            | 2035          |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | Continue                       |                  |
| 0625   | 240226 | 1206            | 2247          |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | Last shot                      |                  |
| 0627   | 240227 | 1210            | 2253          | 82                 | 100 | 91 | 56 | 77 | 92  | 80               | 12   | 110     | 0.5          | 8            | 12   | 30           | 165                    | Begin                          |                  |
| 0627   |        | 1211            | 2254          |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | RC/RP                          |                  |
| 0628   |        | 1213            | 2255          |                    |     |    |    |    |     | (32, 32, 35, 31  |      |         |              |              |      |              |                        | Continue                       |                  |
| 0720   |        |                 |               |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | Begin turn to 24 - fold gain   |                  |
| 0739   | 240227 | 1354            | 2471          |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | LAST REC.                      |                  |
| 0740   | 240228 | 1358            | 2475          |                    |     |    |    |    |     | 80               | 12   | 110     | .5           | 8            | 24   | 24           |                        | CONT. - CHANGE REP RATE 24/sec |                  |
| 0741   |        | 1360            | 2477          | 60                 | 100 | 95 | 56 | 85 | 100 |                  |      |         |              |              |      |              |                        | RC/RP [ 24 fold START          |                  |
| 0742   |        | 1362            | 2500          |                    |     |    |    |    |     | (41              | 29   | 33      | 29)          |              | 24   | 24           | 540                    | CONT. [ BEGIN LINE GT2-25      |                  |
|        |        |                 |               |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | BEGIN GRID                     |                  |
| 0745   |        |                 |               |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | A trip Delay                   |                  |
|        |        |                 |               |                    |     |    |    |    |     | (44              | 30   | 31, 29) |              |              |      |              |                        |                                |                  |
| 0747   |        |                 |               |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | steady course 129°             |                  |
| 0748   |        | 1375            | 2515          |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | missed time breaks?            |                  |
|        |        |                 |               |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | ? shots missed                 |                  |
| 0751   |        | 1382            | 2523          |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | No time break                  |                  |
| 0838   | 240228 | 1502            | 2713          |                    |     |    |    |    |     |                  |      |         |              |              |      |              |                        | Last shot                      |                  |
| 0840   | 240229 | 1506            | 2717          | 62                 | 100 | 93 | 57 | 85 | 100 | 80               | 12   | 110     | 1.0          | 8            | 24   | 24           | 383                    | RC/RP - BEGIN                  |                  |
| 0841   |        | 1508            | 2720          |                    |     |    |    |    |     | (29, 29, 29, 29) |      |         |              |              |      |              |                        | CONTINUE                       |                  |
| 0939   | 240729 | 1654            | 3142          |                    |     |    |    |    |     | 28               | 32   | 33      | 27           |              |      |              |                        | END                            |                  |

| CRUISE<br>IG-23-3 |        | LINE<br>GT2-25  |               | AREA - PROJECT<br>Gulf of Mex Tectonics II - S. Florida Scarp Grab |     |     |    |    |     |           |      |       |              | DATE<br>24 JAN '77 |      |              |                        |                   |                  |
|-------------------|--------|-----------------|---------------|--|-----|-----|----|----|-----|-----------|------|-------|--------------|--------------------|------|--------------|------------------------|-------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH   |     |     |    |    |     | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH       | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS           | Inits.<br>of Obs |
|                   |        |                 |               | 1  | 2   | 3   | 4  | 5  | 6   | INIT.     | RATE | FINAL |              |                    |      |              |                        |                   |                  |
| 0942              | 240230 | 1660            | 3150          |  |     |     |    |    |     | 80        | 12   | 110   | 1.0          | 8                  | 24   | 24           |                        | Begin RC/RP       |                  |
| 0942              |        | 1662            | 3151          | 59   | 100 | 100 | 57 | 85 | 100 |           |      |       |              |                    |      |              |                        | 212fms continue   |                  |
| 0951              |        | 1685            | 3200          |  |     |     |    |    |     |           |      |       | 0.5          |                    |      |              |                        | A tape delay      |                  |
| 1039              | 240230 | 1804            | 3367          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | last shot         |                  |
| 1040              | 240231 | 1805            | 3370          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | Missed shot       |                  |
| 1040              |        | 1806            | 3371          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | " "               |                  |
| 1040              |        | 1807            | 3372          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | " "               |                  |
| 1041              |        | 1808            | 3373          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | " "               |                  |
| 1041              |        | 1809            | 3374          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | " "               |                  |
| 1042              |        | 1810            | 3375          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | " "               | wire             |
| 1042              |        | 1811            | 3376          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | RC/RP. tape       |                  |
| 1042              |        | 1812            |               |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | wound             |                  |
| 1043              |        | 1813            | 3377          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | RC/RP. wrong      |                  |
| 1043              |        | 1814            | 3377          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        |                   |                  |
| 1044              |        | 1815            | 3377          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        |                   |                  |
| 1044              |        | 1816            | 3406          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        |                   |                  |
| 1044              |        | 1817            | 3401          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | RC/RP.            |                  |
| 1045              |        | 1818            | 3402          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | RC/RP.            |                  |
| 1045              |        | 1819            | 3402          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        |                   |                  |
| 1046              |        | 1820            | 3402          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        |                   |                  |
| 1046              |        | 1821            | 3403          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | put on            |                  |
| 1052              |        | 1835            | 3413          | 60   | 100 | 100 | 55 | 85 | 100 |           |      |       |              |                    |      |              |                        | RC/RP reel        |                  |
| 1052              |        | 1836            |               |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | Missed shot 24230 |                  |
| 1056              |        | 1837            | 3414          |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | Continue in       |                  |
|                   |        |                 |               |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | confusion         |                  |
|                   |        |                 |               |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | replace 24231     |                  |
|                   |        |                 |               |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | with new tape     |                  |
|                   |        |                 |               |  |     |     |    |    |     |           |      |       |              |                    |      |              |                        | 6 shots overlaps  |                  |

| CRUISE<br>IG-23-3. |        | LINE<br>67.2-25 |               | AREA - PROJECT<br>Gulf of Mexico Gulf Telemetry II |     |     |    |     |     |           |      |       |              |              |      | DATE<br>24 JAN 77 |                        |                              |                 |
|--------------------|--------|-----------------|---------------|--|-----|-----|----|-----|-----|-----------|------|-------|--------------|--------------|------|-------------------|------------------------|------------------------------|-----------------|
| TIME               | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH                                     |     |     |    |     |     | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE      | WATER<br>DEPTH<br>(Fm) | REMARKS                      | Units<br>of Obs |
|                    |        |                 |               | 1  | 2   | 3   | 4  | 5   | 6   | INIT.     | RATE | FINAL |              |              |      |                   |                        |                              |                 |
| 1058               | 240231 | 1853            | 34134         |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | 1st shot                     | WMPH            |
| 1059               |        | 1854            | 3435          |  |     |     |    |     |     |           | 37   | 29    | 33           | 33           |      |                   | 170                    | RC/RP                        |                 |
| 1059               |        | 1855            |               | 60   | 100 | 100 | 55 | 85  | 100 | 80        | 12   | 110   | .5           | 8            | 24   | 24                |                        | Missed shot.                 |                 |
| 1100               |        | 1856            | 3436          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | Continue.                    |                 |
| 1156               | 240232 | 1996            | 3652          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | Last shot.                   |                 |
| 1157               | 240232 | 1997            | 3653          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | Missed shot.                 |                 |
| 1157               |        | 1998            | 3654          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | " "                          |                 |
| 1157               |        | 1999            | 3655          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | " "                          |                 |
| 1158               |        | 2000            | 3656          | (111 37-43-42 GUNS)                                |     |     |    |     |     |           |      |       |              |              |      |                   | " "                    |                              |                 |
| 1158               |        | 2001            | 3657          |  |     |     |    |     |     |           |      |       |              |              |      |                   | 117                    | RC/RP                        |                 |
| 1158               |        | 2002            |               | 60   | 100 | 100 | 55 | 85  |     |           |      |       |              |              |      |                   |                        | Missed shot.                 |                 |
| 1159               |        | 2003            | 3657          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | " "                          |                 |
| 1159               |        | 2004            | 3660          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | Continue.                    |                 |
| 1306               |        | 2161            | 4060          | NOTE →   |     |     |    |     |     |           |      |       |              |              |      |                   |                        | Air guns Problems.           |                 |
| 1306               |        | 2162            | 4062          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | Restarted                    |                 |
| 1320               |        | 2199            | 4126          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | end shot record.             |                 |
| 1321               | 240233 | 2202            | 4131          | 55   | 100 | 100 | 89 | 100 | 100 | 80        | 12   | 110   | .5           | 8            | 24   | 24                | 68fm                   | begin                        |                 |
| 1322               |        | 2203            | 4132          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | 31 38 700 air guns not RC/RP |                 |
| 1322               |        | 2204            | 4133          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | Continue                     |                 |
| 1419               | 240233 | 2347            | 4347          | 55   | 100 | 100 | 55 | 82  | 102 |           |      |       |              |              |      |                   |                        | 1344 Start Line 67.2-26      |                 |
| 1422               | 240234 | 2354            | 4355          |  |     |     |    |     |     | 80        | 12   | 110   | .5           | 8            | 24   | 24                | 112                    | LAST SHOT                    |                 |
| 1423               |        | 2356            | 4356          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | RC/RP                        |                 |
|                    |        |                 |               |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | (31 29 26 GUNS)              | TRA             |
| 1521               | 240234 | 2501            | 4657          | 55   | 100 | 92  | 55 | 83  | 97  |           |      |       |              |              |      |                   |                        | CONTINUE                     |                 |
|                    |        |                 |               |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | LAST SHOT                    |                 |
| 1522               | 240235 | 2505            | 4603          |  |     |     |    |     |     | 80        | 12   | 110   | .5           | 8            | 24   | 24                | 190                    | RC/RP                        |                 |
| 1523               |        | 2507            | 4604          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | 31, 25 GUNS)                 | TRA             |
| 1621               | 240235 | 2650            | 5021          | 56   | 100 | 92  | 55 | 84  | 97  |           |      |       |              |              |      |                   |                        | CONTINUE                     |                 |
| 1623               | 240236 | 2655            | 5026          |  |     |     |    |     |     | 80        | 12   | 110   | .5           | 8            | 24   | 24                | 190                    | Last Shot                    |                 |
| 1623               |        | 2657            | 5027          |  |     |     |    |     |     |           |      |       |              |              |      |                   |                        | RC/RP                        |                 |
|                    |        |                 |               | (3-29, 4-34 GUNS)                                  |     |     |    |     |     |           |      |       |              |              |      |                   |                        |                              |                 |

| CRUISE<br>I 623-3 |        |                 | LINE<br>GT2-26 |                | AREA - PROJECT<br>G. of Mex Gulf Tortugas II |    |    |    |    |             |       |         |              |              |      |              | DATE<br>24 July        |                              |                  |
|-------------------|--------|-----------------|----------------|----------------|--|----|----|----|----|-------------|-------|---------|--------------|--------------|------|--------------|------------------------|------------------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.  | STREAMER DEPTH |  |    |    |    |    | GAIN (Db)   |       |         | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                      | Inits.<br>of Obs |
|                   |        |                 |                | 1              | 2  | 3  | 4  | 5  | 6  | INIT.       | RATE  | FINAL   |              |              |      |              |                        |                              |                  |
| 1722              | 240236 | 2803            | 5251           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | Last 5 ft                    |                  |
| 1723              | 240237 | 2807            | 5255           |                |  |    |    |    |    | 80          | 12    | 110     | 0.5          | 8            | 24   | 21           | 320                    | RC/RP                        |                  |
| 1724              |        | 2809            | 5256           |                |  |    |    |    |    | (3-30,      | 4-37  | (4-41)  |              |              |      |              |                        | Continue                     |                  |
| 1732              |        |                 |                |                |  |    |    |    |    | (3-35,      | 4-350 | (gross) |              |              |      |              |                        | After gun adjust             |                  |
| 1737              |        | 2841            | 5316           | 58             | 100  | 94 | 58 | 83 | 92 |             |       |         | 1.0          |              |      |              |                        | Δ TRIP DELAY to 1.0          |                  |
| 1815              |        | 2937            | 5456           |                |  |    |    |    |    |             |       |         | 2.0          |              |      |              |                        | " " 2.0                      |                  |
| 1823              | 240237 | 2956            | 5501           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | END                          |                  |
| 1826              | 240238 | 2962            | 5507           | 60             | 100  | 92 | 56 | 79 | 81 | 80          | 12    | 110     | 2.0          | 8            | 24   | 24           | 736                    | BEGIN RC/RP                  |                  |
| 1827              |        | 2963            | 5510           |                |  |    |    |    |    | (3-35,      | 4-36  | (gross) |              |              |      |              |                        | continue                     |                  |
| 1840              |        |                 |                |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | BEGIN turn to 320°           |                  |
|                   |        |                 |                |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | σ (LINE 27                   |                  |
| 1845              |        | 3010            |                |                |  |    |    |    |    |             |       |         | 1.5          |              |      |              |                        | Δ trip Delay                 |                  |
| 1854              |        | 3033            | 5615           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | (Steady on 320°              |                  |
|                   |        |                 |                |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | BEGIN Line GT2-27            |                  |
| 1925              | 240238 | 3109            | 5730           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | END                          |                  |
| 1927              | 240239 | 3116            | 5737           | 63             | 100  | 92 | 55 | 63 | 72 | 80          | 12    | 10      | 1.5          | 8            | 24   | 24           | 706                    | BEGIN RC/RP - Late record    |                  |
| 1928              |        | 3118            | 5740           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | CONTINUE                     | missed 1st part  |
| 1944              |        | 3157            | 6007           |                |  |    |    |    |    | 3164 / 6016 |       |         |              |              |      |              |                        | Tape drive stopped -         |                  |
| 1947              |        | 3165            | 6017           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | Dirty roller                 |                  |
| 1948              |        | 3169            | 6023           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | CONTINUE                     | put in           |
|                   |        |                 |                |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | No time break - stand by     |                  |
|                   |        |                 |                |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | to clean                     |                  |
| 1954              |        | 3184            | 6042           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | CONTINUE                     |                  |
| 1956              |        | 3188            | 6046           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | No record - dirty tape       |                  |
| 1957              |        | 3190            | 6050           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | CONTINUE -                   |                  |
| 1959              | 240239 | 3196            | 6056           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | STANDBY-DOWN - Δ to new tape |                  |
| 2002              | 240240 | 3203            | 6060           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | BEGIN RC/RP - ??             |                  |
| 2003              |        | 3205            | 6061           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | CONTINUE                     | BAD record       |
| 2010              |        | 3222            | 6102           |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | RC/RP - OK                   |                  |
| 2010              |        |                 |                |                |  |    |    |    |    |             |       |         |              |              |      |              |                        | CONTINUE                     |                  |

2010

3224 6103

| CRUISE |        | LINE            |               | AREA - PROJECT                |     |    |    |    |    |           |       |       |              |              |      |              | DATE                   |                              |                  |
|--------|--------|-----------------|---------------|-------------------------------|-----|----|----|----|----|-----------|-------|-------|--------------|--------------|------|--------------|------------------------|------------------------------|------------------|
| 1623-3 |        | GTZ-27          |               | Gulf of Mexico - Tectonics II |     |    |    |    |    |           |       |       |              |              |      |              | 24 JAN '77             |                              |                  |
| TIME   | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH                |     |    |    |    |    | GAIN (Db) |       |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                      | Inits.<br>of Obs |
|        |        |                 |               | 1                             | 2   | 3  | 4  | 5  | 6  | INIT.     | RATE  | FINAL |              |              |      |              |                        |                              |                  |
| 2022   |        | 3252            | 6137          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | NO TIME break                |                  |
| 2039   |        | 3297            | 6214          |                               |     |    |    |    |    |           |       |       | 2.0          |              |      |              |                        | Δ trip delay                 |                  |
| 2100   | 140240 | 3348            | 6275          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | last shot                    |                  |
| 2102   | 140241 | 3355            | 6304          | 60                            | 100 | 92 | 57 | 68 | 74 | 80        | 12    | 110   | 2.0          | 8            | 24   | 24           | 935                    | RC/RP                        |                  |
| 2103   |        | 3357            | 6305          |                               |     |    |    |    |    | GUNS      | (3-35 |       |              | 4-35         |      |              |                        | continue                     |                  |
| 2153   |        | 3482            | 6502          |                               |     |    |    |    |    |           |       |       | 3.0          |              |      |              |                        | Δ trip delay                 |                  |
| 2202   |        | 3504            | 6530          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | last shot 210241             |                  |
| 2203   |        | 3505            | 6531          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | Missed shot                  |                  |
|        |        | 3506            | 6532          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | "                            |                  |
|        |        | 3507            | 6533          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | "                            |                  |
| 2204   |        | 3508            | 6534          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | "                            |                  |
|        |        | 3509            | 6535          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | "                            |                  |
| 2205   | 240242 | 3510            | 6536          | 60                            | 100 | 92 | 75 | 63 | 72 | 80        | 12    | 110   | 3.0          | 8            | 24   | 24           | 1225                   | 1 <sup>st</sup> shot & RC/RP |                  |
|        |        | 3511            | -             |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | Missed shot.                 |                  |
| 2205   |        | 3512            | 6537          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | OK                           |                  |
| 2221   |        | 3550            | 6605          |                               |     |    |    |    |    |           |       |       | 2.5          |              |      |              |                        | Δ trip delay                 |                  |
| 2223   |        | 3555            | 6613          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | gun #4 missed previous shot  |                  |
| 2224   |        | 3556            | 6614          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | gun #4 OK                    |                  |
| 2302   |        | 3655            | 6755          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | last shot                    |                  |
| 2303   |        | 3656            | 6757          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | Missed shot                  |                  |
| 2303   |        | 3657            | 6760          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | "                            |                  |
| 2304   |        | 3658            | 6761          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | "                            |                  |
|        |        | 3659            | 6762          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | "                            |                  |
|        |        | 3666            | 6763          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | "                            |                  |
|        |        | 3661            | 6764          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | "                            |                  |
| 2305   |        | 3662            | 6765          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | 1 <sup>st</sup> shot         |                  |
|        |        | 3663            | 6766          |                               |     |    |    |    |    |           |       |       |              |              |      |              |                        | OK                           |                  |
| 2306   |        | 3664            | 6767          |                               |     |    |    |    |    |           |       |       |              |              |      |              | ≈1200                  | RC/RP - short paper error    |                  |



| CRUISE  |        |                 | LINE          |                | AREA - PROJECT                |    |    |    |    |           |      |       |              |              |      |              | DATE                   |                         |                  |
|---------|--------|-----------------|---------------|----------------|-------------------------------|----|----|----|----|-----------|------|-------|--------------|--------------|------|--------------|------------------------|-------------------------|------------------|
| IG 23-3 |        |                 | GT2-27        |                | G. Mex. - Gulf Tectonics - II |    |    |    |    |           |      |       |              |              |      |              | 24 Jan 77              |                         |                  |
| TIME    | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH |                               |    |    |    |    | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                 | Inits.<br>of Obs |
|         |        |                 |               | 1              | 2                             | 3  | 4  | 5  | 6  | INIT.     | RATE | FINAL |              |              |      |              |                        |                         |                  |
|         |        | 3665            | -             |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        |                         |                  |
|         |        |                 |               |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        |                         |                  |
| 2307    | 240243 | 3666            | 6770          | 60             | 100                           | 92 | 55 | 68 | 75 | 80        | 12   | 110   | 2.5          | 8            | 24   | 30           | ~1200 fms              | Missed shot.            |                  |
| 2321    |        | 3700            | 7032          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | OK.                     |                  |
| 2349    | V      | 3772            | 7142          | 60             |                               |    |    |    |    |           |      |       |              |              |      |              |                        | A trip delay            |                  |
| 0005    | 240243 | 3811            | 7211          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | A trip delay            |                  |
| 0005    |        | 3812            | 7212          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | last                    |                  |
| 0006    |        | 3813            | 7213          | 60             | 100                           | 91 | 56 | 69 | 80 |           |      |       |              |              |      |              |                        | Missed shot             |                  |
| 0006    |        | 3814            | 7214          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | " "                     |                  |
| 0006    |        | 3815            | 7215          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | " "                     |                  |
| 0007    |        | 3816            | 7216          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | " "                     |                  |
| 0007    | 240244 | 3817            | 7217          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | 1st shot.               |                  |
| 0007    |        | 3818            | 7220          |                |                               |    |    |    |    |           |      |       |              |              |      |              | 1355                   | Re/AP. Tanne Break.     |                  |
| 0008    |        | 3819            | "             |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | Missed                  |                  |
| 0008    |        | 3820            | 7221          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | Continue.               |                  |
| 0015    |        | 3836            | 7241          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | A trip delay            |                  |
| 0101    |        | 3951            | 7423          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | End GT2-27              |                  |
| "       |        | "               | "             |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | Begin slow turn to 220° |                  |
| 0105    |        | 3962            | 7436          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | 1st shot                |                  |
| 0105    |        | 3963            | 7437          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | missed shot             |                  |
| 0106    |        | 3964            | 7440          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | " "                     |                  |
| 0106    |        | 3965            | 7441          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | " "                     |                  |
| 0107    |        | 3966            | 7442          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | " "                     |                  |
| 0107    | 240245 | 3967            | 7443          |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | 2nd shot                |                  |
| 0108    |        | 3968            | 7444          | 59             | 100                           | 91 | 54 | 68 | 85 |           |      |       |              |              |      |              |                        | Re/AP                   |                  |
| 0108    |        | 3969            | -             |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | Missed shot             |                  |
| 0108    |        | 3970            | 7445          | 0              |                               |    |    |    |    |           |      |       |              |              |      |              |                        | OK                      |                  |
| 0114    |        | 3984            | 7463          |                |                               |    |    |    |    |           |      |       |              |              |      |              | 1280                   | Begin GT2-28            |                  |
|         |        |                 |               |                |                               |    |    |    |    |           |      |       |              |              |      |              |                        | Steady on 220°          |                  |

[illegible]

| CRUISE<br>16-23-3 |        |                 | LINE<br>GT2-29 |                | AREA - PROJECT<br>Gulf of Mexico Gulf Tectonics II |    |    |    |     |           |      |       |              |              |      |              | DATE<br>25 I 77        |   |                  |
|-------------------|--------|-----------------|----------------|----------------|--|----|----|----|-----|-----------|------|-------|--------------|--------------|------|--------------|------------------------|---|------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.  | STREAMER DEPTH |  |    |    |    |     | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS   | Inits.<br>of Obs |
|                   |        |                 |                | 1              | 2  | 3  | 4  | 5  | 6   | INIT.     | RATE | FINAL |              |              |      |              |                        |   |                  |
| 0622              | 240251 | 4755            | 11051          |                |  |    |    |    |     | (GUNS     | 3-40 | 4-28  |              |              |      |              |                        | CONTINUE  |                  |
| 0708              | 240251 | 4867            | 11231          |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | END - last shot   |                  |
| 0710              | 240252 | 4873            | 11237          | 57             | 100  | 93 | 57 | 80 | 100 | 80        | 8    | 110   | 4.0          | 10           | 24   | 24           | 1815                   | BEGIN   |                  |
| 0712              | "      | 4877            | 11243          |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | RC/PP - Didn't find Number  |                  |
| 0713              | "      | 4879            | 11245          |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | CONTINUE ON REPLAY -<br>good record   |                  |
| 0716              | 240252 | 4888            | 11256          |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | RC/PP   |                  |
| 0717              |        | 4890            | 11257          |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | CONTINUE  |                  |
| 0759              | 240252 | 4994            | 11427          |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | END   |                  |
| 0801              | 240253 | 5002            | 11437          | 57             | 100  | 94 | 57 | 80 | 100 | 80        | 8    | 110   | 4.0          | 10           | 24   | 24           | 1813                   | BEGIN   |                  |
| 0803              |        | 5006            | 11443          |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | RC/PP   |                  |
| 0804              |        | 5008            | 11444          |                |  |    |    |    |     | (3-32     |      | 4-38) |              |              |      |              |                        | CONTINUE  |                  |
| 0809              |        | 5022            | 11452          |                |  |    |    |    |     |           |      |       | 3.0          |              |      |              |                        | A trip delay - scrap?   |                  |
| 0849              | 240253 | 5121            | 11625          |                |  |    |    |    |     |           |      |       | 33-          | 38           |      |              |                        | END   |                  |
| 0851              | 240254 | 5126            | 11632          | 57             | 100  | 90 | 56 | 80 | 100 | 80        | 08   | 110   | 3            | 10           | 24   | 24           | 1698                   | BEGIN RC/PP*  |                  |
| 0852              |        | 5128            | 11633          |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | CONT.   |                  |
|                   |        |                 |                |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | *Note - channel 22 has<br>large - low freq. noise<br>on it - has been this<br>way for some time |                  |
| 0905              |        |                 |                |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | BEGIN TURN  |                  |
| 0932              |        | 5231            | 12001          |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | STEADY 040° - BEGIN *   |                  |
|                   |        |                 |                |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | LINE GT2-30   |                  |
| 0938              | 240254 | 5243            | 12015          |                |  |    |    |    |     |           |      |       |              |              |      |              |                        | END   |                  |
| 0940              | 240255 | 5247            | 12020          | 57             | 100  | 90 | 55 | 78 | 99  | 80        | 08   | 110   | 3            | 10           | 24   | 24           | 1440                   | BEGIN - RC/PP   |                  |
| 0940              |        | 5249            | 12021          |                |  |    |    |    |     |           |      |       | (32          | 33)          |      |              |                        | CONTINUE  |                  |

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| CRUISE  |        |                | LINE          |                | AREA - PROJECT              |    |    |    |     |           |      |       |              |              |      |              | DATE                   |                        |                  |
|---------|--------|----------------|---------------|----------------|-----------------------------|----|----|----|-----|-----------|------|-------|--------------|--------------|------|--------------|------------------------|------------------------|------------------|
| IG 23-3 |        |                | GT2-30        |                | G. Mex. Gulf Tectonics - II |    |    |    |     |           |      |       |              |              |      |              | 25 Jan 77              |                        |                  |
| TIME    | REEL   | SHOT<br>Pt.No. | RECORD<br>No. | STREAMER DEPTH |                             |    |    |    |     | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                | Inits.<br>of Obs |
|         |        |                |               | 1              | 2                           | 3  | 4  | 5  | 6   | INIT.     | RATE | FINAL |              |              |      |              |                        |                        |                  |
| 1213    | 240258 | 5630           | -             | 50             | -                           | 81 | 50 | 78 | 104 | 80        | 08   | 110   | 2.0          | 10           | 24   | 24           | 698                    | Missed shot.           |                  |
| 1214    |        | 5631           |               |                |                             |    |    |    |     |           | (29  | 3     | 29)          |              |      |              |                        | OK                     |                  |
| 1224    | ∇      | 5660           | 12651         |                |                             |    |    |    |     |           |      |       |              | 8            |      |              |                        | Δ rec length           |                  |
| 1307    | 240258 | 5766           | 13023         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | lost shot              |                  |
| 1307    |        | 5767           | 13024         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | Missed shot            |                  |
| 1308    |        | 5768           | 13025         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | "                      |                  |
| 1308    |        | 5769           | 13026         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | "                      |                  |
| 1308    | #10259 | 5770           | 13027         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | 1 <sup>st</sup> shot   |                  |
| 1309    |        | 5771           | 13030         |                |                             |    |    |    |     |           |      |       |              |              |      |              | 315                    | Re/RP                  |                  |
| 1309    |        | 5772           | -             |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | Missed shot            |                  |
| 1310    |        | 5773           | 13031         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | OK                     |                  |
| 1311    |        | 5776           | 13034         |                |                             |    |    |    |     |           |      |       | 1.0          |              |      |              |                        | Δ temp delay           |                  |
| 1319    |        | 5797           | 13061         | 51             | 87                          | 80 | 51 | 80 | 95  | 10        |      | (32,  | 32)          |              |      |              |                        | Δ rate                 |                  |
| 1323    |        | 5807           | 13074         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | Missed about 6 shots   |                  |
| "       |        | "              | "             |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | tape recorder still    |                  |
| "       |        | "              | "             |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | but doesn't look dirty |                  |
| 1356    |        | 5893           | 13176         |                |                             |    |    |    |     |           |      |       | 1.01         |              |      |              |                        |                        |                  |
| 1403    |        | 5905           | 13236         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | start turn to 310°     |                  |
| "       | ∇      | "              | "             |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | End GT2-30             |                  |
| 1411    | 240259 | 5925           | 13262         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | lost shot              |                  |
|         |        | 5926           | 13263         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | Missed shot            |                  |
| 1411    |        | 5927           | 13264         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | "                      |                  |
|         |        | 5928           | 13265         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | "                      |                  |
| 1412    |        | 5929           | 13266         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | "                      |                  |
|         | 240260 | 5930           | 13267         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | 1 <sup>st</sup> shot   |                  |
|         |        | 5931           | 13270         |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        | Beg 14 GT2-31          |                  |
| 1413    |        | 5932           | 13271         |                |                             |    |    |    |     |           |      |       |              |              |      |              | 224                    | Re/RP                  |                  |
|         | ∇      | 5933           |               |                |                             |    |    |    |     |           |      |       |              |              |      |              |                        |                        |                  |

note

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| CRUISE |        |                | LINE          |                | AREA - PROJECT            |    |    |    |    |           |      |       |              |              | DATE       |              |                        |                                     |                  |
|--------|--------|----------------|---------------|----------------|---------------------------|----|----|----|----|-----------|------|-------|--------------|--------------|------------|--------------|------------------------|-------------------------------------|------------------|
| 1623-3 |        |                | 672-32        |                | 601/7 Mexico Tectonics II |    |    |    |    |           |      |       |              |              | 25 JAN '77 |              |                        |                                     |                  |
| TIME   | REEL   | SHOT<br>Pt.No. | RECORD<br>No. | STREAMER DEPTH |                           |    |    |    |    | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD       | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                             | Inits.<br>of Obs |
|        |        |                |               | 1              | 2                         | 3  | 4  | 5  | 6  | INIT.     | RATE | FINAL |              |              |            |              |                        |                                     |                  |
| 1817   | 240264 | 6540           | 14424         | 57             | 93                        | 88 | 54 | 77 | 80 | 80        | 8    | 110   | 2.0          | 8            | 24         | 24           | 890                    | Begin RC/RP                         |                  |
| 1818   | 240264 | 6542           | 14425         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | continue                            |                  |
|        |        |                |               |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        |                                     |                  |
| 1837   |        | 6590           | 14505         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        |                                     |                  |
|        |        |                |               |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | noticed that trape drive stopped? w |                  |
|        |        |                |               |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | may have missed few                 |                  |
|        |        |                |               |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | shots prior? - 5-10?                |                  |
| 1926   | 240264 | 6712           | 14677         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | END - last shot                     |                  |
| 1928   | 240265 | 6718           | 14705         | 51             | 91                        | 83 | 52 | 78 | 89 | 80        | 8    | 110   | 2.0          | 8            | 24         | 24           | 1190                   | Begin RC/RP                         |                  |
| 1929   |        | 6720           | 14706         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | continue                            |                  |
| 2004   |        | 6809           | 15037         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | NO time break                       |                  |
| 2019   |        | 6846           | 15104         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | A trip delay                        |                  |
| 2028   | 240265 | 6869           | 15133         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | last shot                           |                  |
| 2031   | 240266 | 6875           | 15141         | 55             | 91                        | 83 | 50 | 58 | 81 | 80        | 08   | 110   | 4.0          | 8            | 24         | 24           | 1807                   | Begin RC/RP                         |                  |
| 2032   |        | 6877           | 15142         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | continue                            |                  |
|        |        |                |               |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        |                                     |                  |
|        |        |                |               |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | (29, 29) - ADJUSTED REL. FIRE TIME  |                  |
| 2131   | 240266 | 7025           | 15365         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | end                                 |                  |
| 2134   | 240267 | 7032           | 15374         | 51             | 72                        | 68 | 44 | 45 | 84 | 80        | 8    | 110   | 4.0          | 8            | 24         | 24           | 1815                   | Begin RC/RP                         |                  |
| 2135   |        | 7034           | 15375         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | continue                            |                  |
| 2201   |        | 7101           | 15500         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | steady on 310 Begin GT2-3           |                  |
| 2212   |        | 7130           | 15535         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | A rec length                        |                  |
| 2230   | 240267 | 7174           | 15611         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | last shot                           |                  |
|        |        | 7175           | 15612         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | Missed shot                         |                  |
| 2231   |        | 7176           | 15613         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | "                                   |                  |
|        |        | 7177           | 15614         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | "                                   |                  |
| 2232   | 240268 | 7178           | 15615         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | 1st shot                            |                  |
| 2232   |        | 7179           | 15616         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | RC/RP - N.G.                        |                  |
|        |        | 7180           | -             | 50             | 85                        | 78 | 45 | 75 | 16 |           |      |       |              |              |            |              |                        | Missed shot                         |                  |
| 2233   |        | 7181           | 15617         |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        |                                     |                  |
|        |        |                |               |                |                           |    |    |    |    |           |      |       |              |              |            |              |                        | OK                                  |                  |

| CRUISE<br>I9-23-3 |        |                | LINE<br>PTZ-33 |                | AREA - PROJECT<br>G. Mex., Gulf Tectonics - II |    |    |    |     |                    |      |       |              |              | DATE<br>25 Jan 77 |              |                        |                       |                  |
|-------------------|--------|----------------|----------------|----------------|--|----|----|----|-----|--------------------|------|-------|--------------|--------------|-------------------|--------------|------------------------|-----------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt.No. | RECORD<br>No.  | STREAMER DEPTH |  |    |    |    |     | GAIN (Db)          |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD              | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS               | Inits.<br>of Obs |
|                   |        |                |                | 1              | 2  | 3  | 4  | 5  | 6   | INIT.              | RATE | FINAL |              |              |                   |              |                        |                       |                  |
| 2234              | 240268 | 7182           | 15620          |                |  |    |    |    |     | 80                 | 08   | 110   | 4.0          | 10           | 24                | 24           | 1815                   | continue.             |                  |
| 2322              |        | 7302           | 16010          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | last shot.            |                  |
| 2322              |        | 7303           | 16011          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | missed shot           |                  |
| 2322              |        | 7304           | 16012          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | " "                   |                  |
| 2323              |        | 7305           | 16013          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | " "                   |                  |
| 2323              | 240269 | 7306           | 16014          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | 1st shot.             |                  |
| 2323              |        | 7307           | 16015          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | Re/RP.                |                  |
| 2324              |        | 7308           |                | 50             | 82   | 75 | 45 | 70 | 100 | (110-34 guns)      |      |       |              |              |                   |              | 1812                   | Missed shot.          |                  |
| 2324              | V      | 7309           | 16016          |                |  |    |    |    |     | (Start Run 672-34) |      |       |              |              |                   |              |                        | Continue.             |                  |
| 0013              | 240169 | 7430           | 16207          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | Last Shot 26 JAN 1977 |                  |
| 0013              |        | 7431           | 16210          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | Missed shot           |                  |
| 0013              |        | 7432           | 16211          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | " "                   |                  |
| 0014              |        | 7433           | 16212          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | " "                   |                  |
| 0014              |        | 7434           | 16213          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | " "                   |                  |
| 0014              |        | 7435           | 16214          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | " "                   |                  |
| 0015              | 240270 | 7436           | 16215          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | 1st shot.             |                  |
| 0015              |        | 7437           | 16216          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | OK.                   |                  |
| 0015              |        | 7438           | 16217          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | Re/RP.                |                  |
| 0016              |        | 7439           | -              | 50             | 90   | 82 | 50 | 80 | 100 | 80                 | 08   | 110   | 4.0          | 10           | 24                | 24           | 1812                   | Missed shot.          |                  |
| 0016              |        | 7440           | 16220          |                |  |    |    |    |     | (2-30, 3-32 guns)  |      |       |              |              |                   |              |                        | Continue              |                  |
| 0021              | V      | 7452           | 16234          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | Steady on 030°        |                  |
| 0104              | 240270 | 7560           | 16410          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | 1st shot              |                  |
|                   | 240271 | 7565           | 16415          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | 1st shot              |                  |
| 0107              |        | 7566           | 16416          | 53             | 97   | 63 | 52 | 72 | 100 | Guns (26, 29)      |      |       |              |              |                   |              | 1811                   | Re/RP                 |                  |
|                   |        | 7567           | -              |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | Phased shot           |                  |
| 0108              |        | 7568           |                |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | Continue.             |                  |
| 0155              | 240271 | 7686           | 16605          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | Last Shot             |                  |
| 0157              | 240272 | 7691           | 16612          |                |  |    |    |    |     |                    |      |       |              |              |                   |              |                        | FIRST SHOT            |                  |



| CRUISE  |        |                 | LINE          |                | AREA - PROJECT      |    |    |    |     |           |      |       |              |              | DATE   |              |                        |                          |                 |
|---------|--------|-----------------|---------------|----------------|---------------------|----|----|----|-----|-----------|------|-------|--------------|--------------|--------|--------------|------------------------|--------------------------|-----------------|
| I 623-3 |        |                 | 872-34        |                | G. Max bull test II |    |    |    |     |           |      |       |              |              | 26 May |              |                        |                          |                 |
| TIME    | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH |                     |    |    |    |     | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD   | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                  | Units<br>of Obs |
|         |        |                 |               | 1              | 2                   | 3  | 4  | 5  | 6   | INIT.     | RATE | FINAL |              |              |        |              |                        |                          |                 |
| 0158    | 240272 | 7693            | 16614         | 54             | 100                 | 87 | 54 | 80 | 100 | 80        | 08   | 110   | 4.0          | 10           | 24     | 24           | 1847                   | RC/RP                    |                 |
| 0159    |        | 7695            | 16615         |                |                     |    |    |    |     |           |      |       |              | 8            |        |              |                        | Δ 8 dec RECORDS CONTINUE | TRH             |
| 0202    |        |                 |               |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        |                          |                 |
| 0240    |        | 7799            | 16764         |                |                     |    |    |    |     |           |      |       |              | 3.0          |        |              |                        |                          |                 |
| 0257    | 240272 | 7842            | 17036         |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        | LAST SHOT                |                 |
| 0259    | 240273 | 7845            | 17042         |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        | FIRST SHOT               |                 |
| 0259    |        | 7847            | 17044         |                |                     |    |    |    |     | 80        | 08   | 110   | 3.0          | 8            | 24     | 24           | 1252                   | RC/RP                    |                 |
| 0300    |        | 7849            | 17045         | 53             | 100                 | 90 | 53 | 80 | 100 |           |      |       |              |              |        |              |                        | CONTINUE                 |                 |
| 0302    |        |                 |               |                |                     |    |    |    |     |           |      |       |              | 2.50         |        |              |                        | Δ trip delay             |                 |
| 0346    |        | 7962            | 17226         |                |                     |    |    |    |     |           |      |       |              | 2.00         |        |              |                        | Δ trip delay             |                 |
| 0358    | 240273 | 7993            | 17265         | 55             | 100                 | 98 | 55 | 85 | 100 |           |      |       |              |              |        |              |                        | LAST SHOT                |                 |
| 0400    | 240274 | 7998            | 17272         |                |                     |    |    |    |     | 80        | 08   | 110   | 2.0          | 8            | 24     | 24           |                        | FIRST SHOT               |                 |
| 0400    |        | 8000            | 17274         |                |                     |    |    |    |     |           |      |       |              |              |        |              | 835                    | RC/RP                    |                 |
| 0401    |        | 8002            | 17275         |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        | CONTINUE                 | TRH             |
| 0415    |        | 8036            | 17335         |                |                     |    |    |    |     |           |      |       |              | 1.50         |        |              |                        | Δ trip delay             |                 |
| 0452    |        | 8129            |               |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        | NO TB                    |                 |
| 0458    | 240274 | 8143            | 17507         |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        | Just St                  |                 |
| 0459    | 240275 | 8147            | 17513         |                |                     |    |    |    |     | 80        | 08   | 110   | 1.5          | 8            | 24     | 24           | 650                    | Lat St                   |                 |
| 0500    |        | 8150            | 17516         | 64             | 100                 | 98 | 56 | 88 | 100 |           |      |       |              |              |        |              |                        | RC/RP                    |                 |
| 0501    |        | 8152            | 17517         |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        | CONTINUE                 | TRH             |
| 0512    |        | 8179            | 17552         |                |                     |    |    |    |     |           |      |       |              | 1.0          |        |              |                        |                          |                 |
| 0558    | 240275 | 8293            | 17733         |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        | LAST SHOT - short RECORD |                 |
| 0559    | 240276 | 8297            | 17737         | 62             | 100                 | 98 | 59 | 87 | 100 | 80        | 08   | 110   | 1.0          | 8            | 24     | 24           | 395                    | FIRST SHOT               |                 |
| 0600    |        | 8300            | 17742         |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        | RC/RP                    |                 |
| 0601    |        | 8302            | 17743         |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        | CONTINUE                 |                 |
| 0606    | 240276 | 8314            | 17757         |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        | BAD RECORD               |                 |
| 0659    | 240277 | 8446            | 20162         |                |                     |    |    |    |     |           |      |       |              |              |        |              |                        | LAST SHOT                |                 |
| 0702    |        | 8453            | 20171         | 57             | 100                 | 95 | 59 | 89 | 90  | 80        | 08   | 110   | 1.0          | 8            | 24     | 24           | 320                    | RC/RP                    |                 |

| CRUISE<br>IG 23-3 |        |                 | LINE<br>GT 2-34 |                           | AREA - PROJECT<br>G. Mexico - Gulf Tectonics II |    |    |    |     |                  |      |       |              |              |      |              |                        |                          | DATE<br>26 Feb 77 |  |
|-------------------|--------|-----------------|-----------------|---------------------------|---|----|----|----|-----|------------------|------|-------|--------------|--------------|------|--------------|------------------------|--------------------------|-------------------|--|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.   | STREAMER DEPTH            |   |    |    |    |     | GAIN (Db)        |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                  | Inits.<br>of Obs  |  |
|                   |        |                 |                 | 1                         | 2   | 3  | 4  | 5  | 6   | INIT.            | RATE | FINAL |              |              |      |              |                        |                          |                   |  |
| 0703              | 240277 | 8455            | 20171           |                           |   |    |    |    |     | Guns (2-29 3-31) |      |       |              |              |      |              |                        | Continue                 | ML                |  |
| 0730              |        | 8523            | 20276           | START GT 2-24 (continued) |   |    |    |    |     |                  |      |       |              |              |      |              |                        |                          |                   |  |
| 0800              | 240277 | 8600            | 20413           |                           |   |    |    |    |     |                  |      |       |              |              |      |              |                        | END - Last shot          |                   |  |
| 0804              | 240278 | 8607            | 20421           | 61                        | 100   | 96 | 56 | 81 | 100 | 80               | 8    | 110   | 1.0          | 8            | 24   | 24           | 590                    | Begin RC/RP              |                   |  |
| 0804              |        | 8609            | 20422           |                           |   |    |    |    |     | Guns (2-30 3-29) |      |       |              |              |      |              |                        | continue                 |                   |  |
| 0902              | 240278 | 8754            | 20643           |                           |   |    |    |    |     |                  |      |       |              |              |      |              |                        | Last shot on reel        |                   |  |
| 0904              | 240279 | 8759            | 20650           | 59                        | 100   | 92 | 56 | 78 | 100 | 80               | 08   | 110   | 1.0          | 8            | 24   | 24           | 660                    | RC/RP - Begin - NO paper |                   |  |
| 0905              |        | 8761            | 20651           |                           |   |    |    |    |     |                  |      |       |              |              |      |              |                        | CONTINUE                 | NO record         |  |
| 0906              |        | 8763            | 20653           |                           |   |    |    |    |     |                  |      |       |              |              |      |              |                        | RC/RP - OK               |                   |  |
| 0907              |        | 8765            | 20654           |                           |   |    |    |    |     | (32, 29)         |      |       |              |              |      |              |                        | continue                 |                   |  |
| 0958              | ↓      | 8893            | 21054           |                           |   |    |    |    |     |                  |      |       | 1.5          |              |      |              |                        | Δ trip delay             |                   |  |
| 1005              | 240279 | 8909            | 21073           |                           |   |    |    |    |     |                  |      |       |              |              |      |              |                        | Last shot.               |                   |  |
| 1006              | 240280 | 8913            | 21100           |                           |   |    |    |    |     |                  |      |       |              |              |      |              |                        | 1st shot                 |                   |  |
| 1006              |        | 8914            | 21101           |                           |   |    |    |    |     |                  |      |       |              |              |      |              | 875                    | RC/RP                    |                   |  |
| 1007              |        | 8915            |                 | 58                        | 100   | 90 | 55 | 78 | 100 |                  |      |       |              |              |      |              |                        | Missed shot.             |                   |  |
| 1007              |        | 8916            | 21102           |                           |   |    |    |    |     | (26-27 guns)     |      |       |              |              |      |              |                        | Continue.                |                   |  |
| 1023              | ↓      | 8958            | 21154           |                           |   |    |    |    |     |                  |      |       | 2.0          |              |      |              |                        | Δ trip delay             |                   |  |
| 1104              | 240280 | 9060            | 21321           |                           |   |    |    |    |     |                  |      |       |              |              |      |              |                        | Last shot                |                   |  |
| 1106              | 240281 | 9065            | 21326           |                           |   |    |    |    |     |                  |      |       |              |              |      |              |                        | 1st shot                 |                   |  |
| 1107              |        | 9066            | 21327           | 60                        | 100   | 90 | 57 | 95 | 100 | (30, 27)         |      |       |              |              |      |              | 1110                   | RC/RP                    |                   |  |
|                   |        | 9067            |                 |                           |   |    |    |    |     |                  |      |       |              |              |      |              |                        | Missed shot              |                   |  |
| 1108              |        | 9068            | 21330           |                           |   |    |    |    |     |                  |      |       |              |              |      |              |                        | OK                       |                   |  |
|                   |        | 9072            | 21334           |                           |   |    |    |    |     |                  |      |       | 2.5          |              |      |              |                        | Δ trip delay             |                   |  |
| 1135              |        | 9137            | 21435           |                           |   |    |    |    |     |                  |      |       | 3.0          |              |      |              |                        | Δ trip delay             |                   |  |

| CRUISE |        | LINE            |               | AREA - PROJECT                     |     |    |    |    |     |                         |      |       |              | DATE         |      |              |                        |                                 |                  |
|--------|--------|-----------------|---------------|------------------------------------|-----|----|----|----|-----|-------------------------|------|-------|--------------|--------------|------|--------------|------------------------|---------------------------------|------------------|
| G23-3. |        | G72-2464        |               | Gulf of Mexico. Gulf Telephones II |     |    |    |    |     |                         |      |       |              | 26 JAN 77.   |      |              |                        |                                 |                  |
| TIME   | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH                     |     |    |    |    |     | GAIN (Db)               |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                         | Inits.<br>of Obs |
|        |        |                 |               | 1                                  | 2   | 3  | 4  | 5  | 6   | INIT.                   | RATE | FINAL |              |              |      |              |                        |                                 |                  |
| 1206   | 240281 | 9213            | 21551         |                                    |     |    |    |    |     | 80                      | 08   | 110   | 3.0          | 8            | 24   | 24           |                        | last shot.                      |                  |
| 1208   |        | 9219            | 21557         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        | 1st shot.                       |                  |
| 1208   |        | 9220            | 21560         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        |                                 |                  |
| 1209   | 240282 | 9221            |               | 60                                 | 100 | 88 | 52 | 55 | 90  |                         |      |       |              |              |      |              | 1600                   | Rc/RP.                          |                  |
| 1209   |        | 9222            | 21561         |                                    |     |    |    |    |     | (31-29 guns)            |      |       |              |              |      |              |                        | Missed shot.                    |                  |
| 1213   | ↓      | 9231            | 21572         |                                    |     |    |    |    |     |                         |      |       | 4.0          |              |      |              |                        | Continue.                       |                  |
| 1307   | 240282 | 9366            | 22001         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        | A trip delay                    |                  |
| 1309   |        | 9371            | 22006         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        | last shot.                      |                  |
| 1309   | 240283 | 9372            | 22007         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              | 1804                   | Rc/RP.                          |                  |
| 1310   |        | 9373            |               | 62                                 | 100 | 88 | 55 | 78 | 100 | (32, 26)                |      |       |              |              |      |              |                        | Missed shots.                   |                  |
| 1310   | ↓      | 9374            | 22010         |                                    |     |    |    |    |     |                         |      |       | 10           |              |      |              |                        | Continue. A Record line. 10 Sec |                  |
| 1358   | 240283 | 9493            | 22177         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        | last shot                       |                  |
| 1400   | 240284 | 9499            | 22205         | 65                                 | 100 | 90 | 53 | 63 | 90  | (34, 36)                |      |       |              |              |      |              |                        | 1st shot                        |                  |
| 1400   |        | 9500            | 22206         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              | 1804                   | Rc/RP                           |                  |
|        |        | 9501            | -             |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        | Missed shot                     |                  |
| 1401   |        | 9502            | 22207         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        | continue.                       |                  |
| 1449   | 240284 | 9620            | 22374         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        | LAST SHOT                       |                  |
| 1451   | 240285 | 9625            | 22401         |                                    |     |    |    |    |     | → 12 FOLD BEGINS HERE ← |      |       |              |              |      |              |                        | FIRST SHOT                      |                  |
| 1452   |        | 9628            | 22404         | 64                                 | 100 | 92 | 55 | 66 | 85  | 80                      | 08   | 110   | 4.0          | 10           | 12   | 30           | 1806                   | Rc/RP                           |                  |
| 1453   |        | 9630            | 22405         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        | continue                        | TRD              |
| 1551   | 240285 | 9746            | 22571         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        | Just Shot                       |                  |
| 1553   | 240286 | 9749            | 22574         |                                    |     |    |    |    |     | 80                      | 08   | 110   | 4.0          | 10           | 12   | 30           |                        | 1st "                           |                  |
| 1554   |        | 9751            | 22576         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              | 1798                   | Rc/RP N/G.                      |                  |
| 1554   |        | 9752            | 22577         | 65                                 | 100 | 90 | 52 | 52 | 81  |                         |      |       |              |              |      |              |                        | CONTINUE                        |                  |
| 1555   |        | 9753            | 22600         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        | Rc/RP good                      |                  |
| 1556   |        | 9755            | 22601         |                                    |     |    |    |    |     | (2-26 3-29 GUNS)        |      |       |              |              |      |              |                        | CONTINUE                        | PRH              |
| 1559   |        | 9761            | 22607         |                                    |     |    |    |    |     |                         |      |       | 3.70         |              |      |              |                        | A trip delay                    |                  |
| 1653   | 240286 | 9870            | 22784         |                                    |     |    |    |    |     |                         |      |       |              |              |      |              |                        | LAST SHOT                       |                  |

| CRUISE<br>IG 23-3 |        | LINE<br>GT2-24 cont'd |               | AREA - PROJECT<br>G. Mex. GULF TECTONICS - II |     |    |    |    |    |                    |      |       |              |              |      | DATE<br>26 JAN 77 |                        |                   |                  |
|-------------------|--------|-----------------------|---------------|---|-----|----|----|----|----|--------------------|------|-------|--------------|--------------|------|-------------------|------------------------|-------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt. No.       | RECORD<br>No. | STREAMER DEPTH                                |     |    |    |    |    | GAIN (Db)          |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE      | WATER<br>DEPTH<br>(Fm) | REMARKS           | Inits.<br>of Obs |
|                   |        |                       |               | 1   | 2   | 3  | 4  | 5  | 6  | INIT.              | RATE | FINAL |              |              |      |                   |                        |                   |                  |
| 1655              | 240287 | 9873                  | 22767         | 62  | 101 | 92 | 55 | 73 | 93 | 80                 | 08   | 110   | 3.7          | 10           | 12   | 30                |                        | FIRST SHOT        |                  |
| 1656              |        | 9875                  | 22771         |   |     |    |    |    |    |                    |      |       |              |              |      |                   | 1800                   | RC/RP             |                  |
| 1656              |        | 9877                  | 22772         |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | CONTINUE          | TRA              |
| 1717              |        | 9917                  | 23043         |   |     |    |    |    |    | (2-32, 3-25 GUNS)  |      |       |              |              |      |                   |                        |                   |                  |
| 1755              | 240288 | 9993                  | 23156         |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | First shot        |                  |
| 1757              | 240288 | 9997                  | 23162         | 62  | 100 | 91 | 54 | 58 | 80 | 80                 | 08   | 110   | 3.7          | 10           | 12   | 30                | 1801                   | 1st shot          |                  |
| 1758              |        | 9999                  | 23164         |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | RC/RP             |                  |
| 1759              |        | 0001                  | 23165         |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | Continue          | TRA              |
| 1857              | 240288 | 0118                  | 23352         |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | Last Shot         |                  |
| 1900              | 240289 | 0123                  | 23357         | 63  | 100 | 91 | 54 | 62 | 79 | 80                 | 08   | 110   | 3.7          | 10           | 12   | 30                | 1798                   | BEGIN RC/RP       |                  |
| 1901              |        | 0125                  | 23360         |   |     |    |    |    |    | (2-29, 3-27 -GUNS) |      |       |              |              |      |                   |                        | CONTINUE          | ML               |
| 2027              | 240289 | 0298                  | 23635         |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | Last shot         |                  |
| 2029              | 240290 | 0302                  | 23641         | 64  | 100 | 91 | 54 | 62 | 76 | 80                 | 08   | 110   | 3.7          | 10           | 12   | 30                | 1798                   | RC/RP             |                  |
| 2030              |        | 0304                  | 23642         |   |     |    |    |    |    | (2-28, 3-29 ) GUNS |      |       |              |              |      |                   |                        | CONTINUE          | ML               |
| 2034              |        | 0311                  | 23651         |   |     |    |    |    |    |                    |      |       | 4.0          |              |      |                   |                        | A trip Delay      |                  |
| 2130              | 240290 | 0422                  | 24030         |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | LAST SHOT         |                  |
| 2131              | 240291 | 0426                  | 24034         | 66  | 100 | 77 | 55 | 60 | 75 | 80                 | 08   | 110   | 4.0          | 10           | 12   | 30                | 1800                   | BEGIN RC/RP       | Short record     |
| 2132              |        | 0428                  | 24035         |   |     |    |    |    |    | (2-32              |      |       |              |              |      |                   |                        | CONTINUE          |                  |
| 2133              | Y      | 0431                  | 24040         |   |     |    |    |    |    |                    |      |       | 3.7          |              |      |                   |                        | Change trip delay |                  |
| 2230              | 240291 | 0545                  | 24222         |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | LAST SHOT         |                  |
| 2233              | 240292 | 0550                  | 24227         |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | 1st shot          |                  |
| 2233              |        | 0551                  | 24230         | 63  | 100 | 90 | 55 | 68 | 78 |                    |      |       |              |              |      |                   | 1803                   | RC/RP             |                  |
|                   |        | 0552                  | -             |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | Missed shot       |                  |
| 2234              | Y      | 0553                  | 24231         |   |     |    |    |    |    | (42, 28)           |      |       |              |              |      |                   |                        | Continue          |                  |
| 2334              | 240292 | 0671                  | 24417         |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | Last shot         |                  |
| 2335              | 240293 | 0674                  | 24422         | 62  | 100 | 90 | 53 | 56 | 70 |                    |      |       | (36, 34)     |              |      |                   |                        | 1st shot          |                  |
| 2336              |        | 0675                  | 24423         |   |     |    |    |    |    |                    |      |       |              |              |      |                   | 1807                   | RC/RP             |                  |
|                   | Y      | 0676                  | -             |   |     |    |    |    |    |                    |      |       |              |              |      |                   |                        | Missed            |                  |

| CRUISE<br>IG 23-3 |        |                 | LINE<br>GT2-24 Cont. |                | AREA - PROJECT<br>G. Mex Gulf Tectonics - II |    |    |    |    |                   |      |          |              |              |      |              |                        | DATE<br>26 Jan 77 |                  |
|-------------------|--------|-----------------|----------------------|----------------|--|----|----|----|----|-------------------|------|----------|--------------|--------------|------|--------------|------------------------|-------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.        | STREAMER DEPTH |  |    |    |    |    | GAIN (Db)         |      |          | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS           | Inits.<br>of Obs |
|                   |        |                 |                      | 1              | 2  | 3  | 4  | 5  | 6  | INIT.             | RATE | FINAL    |              |              |      |              |                        |                   |                  |
| 2336              | 240293 | 0677            | 24424                |                |  |    |    |    |    | 80                | 08   | 110      | 3.7          | 10           | 12   | 30           |                        | continue.         |                  |
| 0035              | 240293 | 0794            | 24611                |                |  |    |    |    |    | - 27 JAN 1977 -   |      |          |              |              |      |              |                        | 1st shot          |                  |
| 0037              | 240294 | 0797            | 24614                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | 1st shot          |                  |
| 0037              |        | 0798            | 24615                | 69             | 100  | 92 | 55 | 58 | 81 |                   |      | (36, 33) |              |              |      | 1806         |                        | RC/RP             |                  |
|                   |        | 0799            | -                    |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | Missed Shot       |                  |
| 0038              |        | 0800            | 24616                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | Continue.         |                  |
| 0041              |        | 0806            | 24624                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | No T.B.           |                  |
| 0136              | 240294 | 0916            | 25002                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | 1st shot          |                  |
|                   |        | 0917            |                      |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | Missed Shot       |                  |
|                   |        | 0918            | 25004                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | "                 |                  |
|                   |        | 0919            | 25005                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | "                 |                  |
| 0138              | 240295 | 0920            | 25006                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | 1st shot          |                  |
| 0138              |        | 0921            | 25007                | 59             | 100  | 91 | 53 | 51 | 77 |                   |      | (25, 25) |              |              |      | 1807         |                        | RC/RP             |                  |
|                   |        | 0922            | -                    |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | Missed Shot       |                  |
| 0139              |        | 0923            | 25010                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | continue.         |                  |
| 0151              |        | 0946            | 25037                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | Short Record      |                  |
| 0209              |        | 0982            | 25103                |                |  |    |    |    |    | 80                | 06   | 110      |              |              |      |              |                        |                   |                  |
| 0221              |        | 1007            | 25134                |                |  |    |    |    |    | 80                | 08   | 110      |              |              |      |              |                        |                   |                  |
| 0241              | 240295 | 1046            | 25203                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | LAST SHOT         |                  |
| 0242              | 240296 | 1049            | 25206                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | FIRST SHOT        |                  |
| 0244              |        | 1051            | 25216                | 67             | 100  | 89 | 54 | 50 | 75 | 80                | 08   | 110      | 3.7          | 10           | 12   | 30           | 1810                   | RC/RP             |                  |
| 0245              |        | 1053            | 25211                |                |  |    |    |    |    | (2-27, 3-28 GUNS) |      |          |              |              |      |              |                        | CONTINUE          | TRA              |
| 0343              | 240296 | 1170            | 25375                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | Last Shot         |                  |
| 0346              | 240297 | 1175            | 25400                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | FIRST SHOT        |                  |
| 0347              |        | 1177            | 25402                | 66             | 100  | 88 | 52 | 48 | 74 | 80                | 08   | 110      | 3.7          | 10           | 12   | 30           | 1807                   | RC/RP N.G.        |                  |
| 0348              |        | 1179            | 25403                |                |  |    |    |    |    | (2-36             |      |          | 3-25         | GUNS)        |      |              |                        | CONTINUE          |                  |
| 0349              |        | 1181            | 25405                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | RC/RP             |                  |
| 0350              |        | 1183            | 25406                |                |  |    |    |    |    |                   |      |          |              |              |      |              |                        | CONTINUE          | TRA              |

| CRUISE<br>IG 23-3 |        |                 | LINE<br>GT 2-24 cont'd |                | AREA - PROJECT<br>G. Mex. GULF TECTONICS - II |    |    |    |    |                              |      |       |              |              |      |              |                        | DATE<br>27 JAN 77      |                            |
|-------------------|--------|-----------------|------------------------|----------------|---|----|----|----|----|------------------------------|------|-------|--------------|--------------|------|--------------|------------------------|------------------------|----------------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.          | STREAMER DEPTH |   |    |    |    |    | GAIN (Db)                    |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                | Inits.<br>of Obs           |
|                   |        |                 |                        | 1              | 2   | 3  | 4  | 5  | 6  | INIT.                        | RATE | FINAL |              |              |      |              |                        |                        |                            |
| 0446              | 240297 | 1296            | 25567                  |                |   |    |    |    |    |                              |      |       |              |              |      |              |                        | LAST SHOT              |                            |
| 0449              | 240298 | 1301            | 25574                  | 57             | 100   | 87 | 52 | 52 | 77 | 80                           | 08   | 110   | 3.70         | 10           | 12   | 30           |                        | FIRST SHOT             |                            |
| 0450              |        | 1303            | 25576                  |                |   |    |    |    |    |                              |      |       |              |              |      |              |                        | RC/RP                  |                            |
| 0451              |        | 1305            | 25577                  |                |   |    |    |    |    | (2-28                        |      | 3-30  |              |              |      |              | 1812                   | CONTINUE               | TRA                        |
| 0549              | 240298 | 1421            | 25763                  | 63             | 100   | 86 | 53 | 53 | 76 |                              |      |       |              |              |      |              |                        | LAST SHOT              |                            |
| 0551              | 240299 | 1425            | 25767                  |                |   |    |    |    |    | 86                           | 08   | 110   | 3.70         | 10           | 12   | 30           |                        | FIRST SHOT             |                            |
| 0552              |        | 1427            | 25771                  |                |   |    |    |    |    |                              |      |       |              |              |      |              | 1812                   | RC/RP                  |                            |
| 0553              |        | 1429            | 25773                  |                |   |    |    |    |    | (2-28                        |      | 3-27  |              |              |      |              |                        | CONTINUE               | TRA                        |
| 0600              |        |                 |                        |                |   |    |    |    |    | Begin Line GT 2-15 continued |      |       |              |              |      |              |                        |                        |                            |
| 0652              | 240299 | 1547            | 26160                  |                |   |    |    |    |    |                              |      |       |              |              |      |              |                        | END                    |                            |
| 0654              | 240300 | 1552            | 26165                  | 62             | 100   | 89 | 54 | 58 | 82 | 80                           | 8    | 110   | 3.7          | 10           | 12   | 30           | 1812                   | Begin RC/RP            |                            |
| 0655              |        | 1554            | 26166                  |                |   |    |    |    |    |                              |      |       |              |              |      |              |                        | CONTINUE               |                            |
|                   |        |                 |                        |                |   |    |    |    |    | (2-31                        |      | 3-32  |              |              |      |              |                        |                        |                            |
| 0754              | 240300 | 1672            | 26354                  |                |   |    |    |    |    |                              |      |       |              |              |      |              |                        | END                    |                            |
| 0756              | 240301 | 1676            | 26360                  | 64             | 100   | 86 | 52 | 58 | 80 | 80                           | 8    | 110   | 3.7          | 10           | 12   | 30           | 1808                   | Begin RC/RP            |                            |
| 0757              |        | 1678            | 26361                  |                |   |    |    |    |    | (2-28                        |      | 3-26  |              |              |      |              |                        | CONTINUE               |                            |
| 0855              | 240301 | 1793            | 26543                  |                |   |    |    |    |    |                              |      |       |              |              |      |              |                        | Last shot              |                            |
| 0856              | 240302 | 1796            | 26546                  | 60             | 100   | 87 | 53 | 58 | 80 | 80                           | 08   | 110   | 3.7          | 10           | 12   | 30           | 1803                   | Begin RC/RP - Not good |                            |
| 0857              |        | 1797            | → 1800                 |                |   |    |    |    |    |                              |      |       |              |              |      |              |                        | Missed shots           | didn't find number on Reel |
| 0859              |        | 1801            | 26547                  |                |   |    |    |    |    |                              |      |       |              |              |      |              |                        | CONTINUE               |                            |
| 0900              |        | 1803            | 26551                  |                |   |    |    |    |    |                              |      |       |              |              |      |              |                        | RC/RP - ok             |                            |
| 0901              |        | 1805            | 26552                  |                |   |    |    |    |    | (30,26)                      |      |       |              |              |      |              |                        | CONTINUE               |                            |
| 0956              |        | 1916            | 26731                  |                |   |    |    |    |    |                              |      |       |              |              |      |              |                        | no time break          |                            |
| 0959              | 240302 | 1921            | 26736                  |                |   |    |    |    |    |                              |      |       |              |              |      |              |                        | Last shot              |                            |
| 1001              | 240303 | 1925            | 26742                  | 61             | 100   | 85 | 52 | 51 | 81 | 80                           | 08   | 110   | 3.7          | 10           | 12   | 30           | 1797                   | Begin RC/RP            |                            |

| CRUISE  |        | LINE            |               | AREA - PROJECT                   |     |    |    |    |    |            |   |     |              |              |        |              |                        | DATE           |                 |
|---------|--------|-----------------|---------------|----------------------------------|-----|----|----|----|----|------------|---|-----|--------------|--------------|--------|--------------|------------------------|----------------|-----------------|
| JG 23-3 |        | 6-2-15 (cont)   |               | Gulf of Mexico Gulf Tectonics II |     |    |    |    |    |            |   |     |              |              |        |              |                        | 27 Jan 77      |                 |
| TIME    | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH                   |     |    |    |    |    | GAIN (Db)  |   |     | TRIP<br>DEL. | REC.<br>LGTH | FOLD   | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS        | Init.<br>of Obs |
| 1002    | 240303 | 1927            | 26743         |                                  |     |    |    |    |    | (2-39      |   |     | 3-           | 28           | ) GUNS |              |                        | Continue       |                 |
| 1003    |        | 1929            | 26745         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | No time break  |                 |
| 1100    | 240303 | 2044            | 27130         | 62                               | 100 | 87 | 53 | 53 | 80 | 80         | 8 | 110 | 3.7          | 10           | 12     | 30           | 1793                   | last shot end  |                 |
|         |        | 2045            |               |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        |                |                 |
| 1103    | 240304 | 2048            | 27134         | (2-27) (3-27)                    |     |    |    |    |    |            |   |     |              |              |        |              |                        | begin          |                 |
| 1103    | "      | 2049            | 27135         |                                  |     |    |    |    |    |            |   |     |              |              |        |              | 1791                   | RCRP           |                 |
| 1104    |        | 2051            | 27136         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | continue       |                 |
| 1202    | 240304 | 2168            | 27323         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | end            |                 |
|         |        | -               | -             |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | lost shot      |                 |
| 1205    | 240305 | 2174            | 27331         | 59                               | 100 | 84 | 51 | 51 | 80 | 80         | 8 | 110 | 3.7          | 10           | 12     | 30           |                        | begin          |                 |
| 1206    |        | 2176            | 27332         |                                  |     |    |    |    |    |            |   |     |              |              |        |              | 1785                   | RCRP           |                 |
|         |        | 2176            | -             |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | Missed shot    |                 |
| 1207    |        | 2177            | 27333         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | continue       |                 |
| 1304    | 240305 | 2293            | 27517         | 68                               | 100 | 84 | 50 | 47 | 75 | 80         | 8 | 110 | 3.7          | 10           | 12     | 30           | 1777                   | end            |                 |
|         |        | 2294-2295       |               | (27-27)                          |     |    |    |    |    |            |   |     |              |              |        |              |                        | missed shots   |                 |
| 1306    | 240306 | 2296            | 27522         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | begin          |                 |
|         |        | 2297            | 27523         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | RCRP           |                 |
| 1309    |        | 2298            | 27524         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | missed shot    |                 |
|         |        | 2299            | 27525         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | continue       |                 |
| 1405    |        | 2419            | 27714         | 63                               | 100 | 86 | 53 | 54 | 68 | 80         | 8 | 110 | 3.7          | 10           | 12     | 30           | 17                     | end last shot  |                 |
|         |        | 2420-2422       |               |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | missed shots   |                 |
| 1409    | 240307 | 2423            | 27720         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | begin 1st shot |                 |
| 1410    |        | 2424            | 27721         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | RCRP           |                 |
|         |        | 2425            | 27722         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | missed shot    |                 |
| 1411    | 25     | 2426            | 27723         | (2-23                            |     |    |    |    |    | 3-27 GUNS) |   |     |              |              |        |              |                        | continue       |                 |
| 1510    | 240309 | 2544            | 30110         |                                  |     |    |    |    |    |            |   |     |              |              |        |              |                        | last shot      |                 |
| 1512    | 240308 | 2548            | 30114         | 60                               | 100 | 88 | 54 | 56 | 65 | 80         | 8 | 110 | 3.7          | 10           | 12     | 30           |                        | 1st shot       |                 |
| 1513    |        | 2550            | 30116         |                                  |     |    |    |    |    |            |   |     |              |              |        |              | 1765                   | RCRP           |                 |

| CRUISE<br>IG 23-3 |        |                 | LINE<br>GT2-15 cont'd |                | AREA - PROJECT<br>G. Mex. GULF TECTONICS - II |      |    |    |    |           |      |       |              |              |      | DATE<br>27 JAN 77 |                        |                         |                  |
|-------------------|--------|-----------------|-----------------------|----------------|---|------|----|----|----|-----------|------|-------|--------------|--------------|------|-------------------|------------------------|-------------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.         | STREAMER DEPTH |   |      |    |    |    | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE      | WATER<br>DEPTH<br>(Fm) | REMARKS                 | Inits.<br>of Obs |
|                   |        |                 |                       | 1              | 2   | 3    | 4  | 5  | 6  | INIT.     | RATE | FINAL |              |              |      |                   |                        |                         |                  |
| 1514              |        | 2552            | 30117                 | 2-29           | 3-29  | GUNS |    |    |    | 80        | 08   | 110   | 3.70         | 10           | 12   | 30                | 1765                   | CONTINUE                |                  |
| 1610              | 240308 | 2664            | 30274                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | Just St                 |                  |
| 1612              | 240309 | 2667            | 30277                 | 59             | 100   | 86   | 53 | 56 | 64 | 80        | 08   | 110   | 3.70         | 10           | 12   | 30                | 1765                   | 1st St                  |                  |
| 1613              |        | 2669            | 30301                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | RC/RP                   |                  |
| 1614              |        | 2671            | 30302                 |                |   |      |    |    |    | (2-29     | 3-30 | GUNS) |              |              |      |                   |                        | CONTINUE                |                  |
| 1712              | 240309 | 2788            | 30467                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | LAST SHOT               |                  |
| 1714              | 240310 | 2792            | 30473                 | 56             | 100   | 85   | 50 | 51 | 60 | 80        | 08   | 110   | 3.70         | 10           | 12   | 30                |                        | FIRST SHOT              |                  |
| 1715              |        | 2794            | 30475                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | RC/RP                   |                  |
| 1716              |        | 2796            | 30476                 |                |   |      |    |    |    | (2-20     | 3-26 | GUNS) |              |              |      |                   | 1762                   | CONTINUE                |                  |
| 1812              | 240310 | 2908            | 30654                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | end                     |                  |
| 1815              | 240311 | 2913            | 30661                 | 58             | 100   | 85   | 50 | 56 | 55 | 80        | 8    | 110   | 3.7          | 10           | 12   | 30                | 1760                   | begin RC/RP             |                  |
| 1816              |        | 2915            | 30662                 |                |   |      |    |    |    | (2-23     | 3-27 | GUNS) |              |              |      |                   |                        | continue sections 7 and |                  |
|                   |        |                 |                       |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | "Very N                 |                  |
| 1914              | 240311 | 3032            | 31047                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | end - last shot         |                  |
| 1916              | 240312 | 3036            | 31053                 | 86             | 100   | 83   | 50 | 62 | 54 | 80        | 8    | 110   | 3.7          | 10           | 12   | 30                | 1760                   | BEGIN RC/RP             |                  |
| 1917              | 240312 | 3038            | 31054                 |                |   |      |    |    |    | (2-29,    | 3-28 | GUNS) |              |              |      |                   |                        | continue                |                  |
| 2016              | 240312 | 3155            | 31241                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | END                     |                  |
| 2018              | 240313 | 3159            | 31244                 | 55             | 98  | 79   | 48 | 55 | 53 | 80        | 8    | 110   | 3.7          | 10           | 12   | 30                | 1770                   | BEGIN RC/RP             |                  |
| 2019              | 240313 | 3161            | 31246                 |                |   |      |    |    |    | (2-32     | 3-28 | GUNS) |              |              |      |                   |                        | continue                |                  |
| 2029              |        | 3181            | 31282                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | No time breaks          |                  |
| 2030              |        | 3183            | 31274                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | CONTINUE                |                  |
| 2043              |        | 3209            | 31326                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | No time break           |                  |
| 2044              |        | 3211            | 31327                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | No time break           |                  |
| 2045              |        | 3214            | 31333                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | CONTINUE                |                  |
| 2118              | 240313 | 3280            | 31435                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | LAST SHOT ON REEL       |                  |
| 2121              | 240314 | 3285            | 31442                 | 54             | 96  | 78   | 99 | 66 | 58 | 80        | 08   | 110   | 3.7          | 10           | 12   | 30                | 1771                   | BEGIN RC/RP             |                  |
| 2122              |        | 3287            | 31443                 |                |   |      |    |    |    | (2-37     | 3-35 | GUNS) |              |              |      |                   |                        | continue                |                  |
| 2220              |        | 3404            | 31680                 |                |   |      |    |    |    |           |      |       |              |              |      |                   |                        | last shot               |                  |



| CRUISE  |        |                 | LINE          |                | AREA - PROJECT                   |    |    |    |    |             |      |                   |              |              | DATE  |              |                        |                  |                  |
|---------|--------|-----------------|---------------|----------------|----------------------------------|----|----|----|----|-------------|------|-------------------|--------------|--------------|-------|--------------|------------------------|------------------|------------------|
| 16-23-3 |        |                 | 8-2-15 cont   |                | Gulf of Mexico Gulf Tectonics II |    |    |    |    |             |      |                   |              |              | 27-77 |              |                        |                  |                  |
| TIME    | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH |                                  |    |    |    |    | GAIN (Db)   |      |                   | TRIP<br>DEL. | REC.<br>LGTH | FOLD  | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS          | Inits.<br>of Obs |
|         |        |                 |               | 1              | 2                                | 3  | 4  | 5  | 6  | INIT.       | RATE | FINAL             |              |              |       |              |                        |                  |                  |
| 2222    | 240315 | 3408            | 31634         |                |                                  |    |    |    |    | 80          | 08   | 110               | 3.7          | 10           | 12    | 30           |                        | 1st shot         |                  |
| 2223    |        | 3409            | 31635         | 59             | 95                               | 77 | 48 | 66 | 84 |             |      | (30, 33)          |              |              |       |              | 1761                   | Re/RP            |                  |
|         |        | 3410            | -             |                |                                  |    |    |    |    |             |      |                   |              |              |       |              |                        | Missed shot      |                  |
| 2224    |        | 3411            | 31636         |                |                                  |    |    |    |    |             |      |                   |              |              |       |              |                        | Continue.        |                  |
| 2239    |        | 3443            | 31676         |                |                                  |    |    |    |    |             |      |                   | 3.5          |              |       |              |                        | A long delay     |                  |
| 2322    |        | 3528            | 32023         |                |                                  |    |    |    |    |             |      |                   |              |              |       |              |                        | Last shot.       |                  |
| 2323    |        | 3530            | 32025         |                |                                  |    |    |    |    |             |      |                   |              |              |       |              |                        | 1st shot.        |                  |
| 2323    | 240316 | 3531            | 32026         |                |                                  |    |    |    |    |             |      |                   |              |              |       |              |                        | Re/RP            |                  |
| 2324    |        | 3532            |               | 60             | 92                               | 75 | 45 | 55 | 72 |             |      |                   |              |              |       |              | 17116                  | Missed shot      |                  |
| 2324    |        | 3533            | 32027         |                |                                  |    |    |    |    |             |      | (29, 28)          |              |              |       |              |                        | Continue.        |                  |
| 0023    | 240316 | 3651            | 32215         |                |                                  |    |    |    |    | 28 JAN 1977 |      |                   |              |              |       |              |                        | end - last shot  |                  |
| 0024    | 240317 | 3655            | 32221         | 50             | 87                               | 75 | 45 | 60 | 30 | 80          | 8    | 110               | 3.5          | 10           | 12    | 30           | 1720                   | Begin            |                  |
| 0027    |        | 3657            | 32223         |                |                                  |    |    |    |    |             |      |                   |              |              |       |              |                        | Re/RP            |                  |
| 0028    |        | 3659            | 32224         |                |                                  |    |    |    |    |             |      | (2-31, 3-31 guns) |              |              |       |              |                        | continue         |                  |
| 0127    |        | 3777            | 324113        |                |                                  |    |    |    |    |             |      |                   |              |              |       |              |                        | Last shot.       |                  |
| 0129    |        | 3782            | 324117        |                |                                  |    |    |    |    |             |      |                   |              |              |       |              |                        | 1st shot.        |                  |
| 0130    |        | 3783            | 32420         |                |                                  |    |    |    |    |             |      |                   |              |              |       |              |                        | Re/RP            |                  |
| 0130    |        | 3784            |               | 55             | 85                               | 75 | 45 | 50 | 70 |             |      |                   |              |              |       |              | 1699                   | Missed shot.     |                  |
| 0130    | 240318 | 3788            | 32421         |                |                                  |    |    |    |    |             |      | (30-29 guns)      |              |              |       |              |                        | Continue         |                  |
| 0230    | 240318 | 3903            | 32607         |                |                                  |    |    |    |    |             |      |                   |              |              |       |              |                        | LAST SHOT        |                  |
| 0231    | 240319 | 3906            | 32612         | 58             | 82                               | 74 | 45 | 52 | 70 | 80          | 08   | 110               | 3.5          | 10           | 12    | 30           |                        | FIRST SHOT       |                  |
| 0232    |        | 3908            | 32614         |                |                                  |    |    |    |    |             |      |                   |              |              |       |              | 1678                   | Re/RP            |                  |
| 0233    |        | 3910            | 32615         |                |                                  |    |    |    |    |             |      | (2-30, 3-31 GUNS) |              |              |       |              |                        | continue         | TRT              |
| 0332    | 240319 | 4027            | 33002         |                |                                  |    |    |    |    |             |      |                   |              |              |       |              |                        | Last shot        |                  |
| 0336    | 240320 | 4036            | 33013         | 51             | 80                               | 74 | 44 | 52 | 70 | 80          | 08   | 110               | 3.5          | 10           | 12    | 30           |                        | 1st shot thinned |                  |
| 0337    |        | 4038            | 33015         |                |                                  |    |    |    |    |             |      |                   |              |              |       |              | 1650                   | Re/RP            | wound backwards  |
| 0338    |        | 4040            | 33016         |                |                                  |    |    |    |    |             |      | (2-29 3-31 GUNS)  |              |              |       |              |                        | Continue         |                  |
| 0436    | 240320 | 4155            | 33201         | 52             | 78                               | 72 | 44 | 50 | 69 |             |      |                   |              |              |       |              |                        | LAST SHOT        |                  |

| CRUISE<br>IG 23-3 |        |                 | LINE<br>GT2-15 cont'd |                | AREA - PROJECT<br>G. Mex. Gulf Tectonics - II |    |    |    |    |           |      |       |              |              |      |              | DATE<br>28 JAN 77      |   |                  |
|-------------------|--------|-----------------|-----------------------|----------------|---|----|----|----|----|-----------|------|-------|--------------|--------------|------|--------------|------------------------|---|------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.         | STREAMER DEPTH |   |    |    |    |    | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS   | Inits.<br>of Obs |
|                   |        |                 |                       | 1              | 2   | 3  | 4  | 5  | 6  | INIT.     | RATE | FINAL |              |              |      |              |                        |   |                  |
| 0438              | 240321 | 4160            | 33206                 |                |   |    |    |    |    | 80        | 08   | 110   | 3.5          | 10           | 12   | 30           |                        | FIRST SHOT  |                  |
| 0439              |        | 4161            | 33207                 |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | RC/RP   |                  |
| 0440              |        | 4163            | 33210                 |                |   |    |    |    |    | (2-22     |      | 3-26  | GUNS)        |              |      |              | 1627                   | CONTINUE  | TRI              |
|                   |        |                 |                       |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | # 240231 tape has magnetic recording side reversed. | TRI              |
| 0538              | 240321 | 4279            | 33374                 |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | Last Shot   |                  |
| 0541              | 240322 | 4284            | 33402                 | 54             | 80  | 71 | 46 | 54 | 70 | 80        | 08   | 110   | 3.5          | 10           | 12   | 30           |                        | 1st Shot  |                  |
| 0542              |        | 4288            | 33404                 |                |   |    |    |    |    |           |      |       |              |              |      |              | 1610                   | RC/RP   |                  |
| 0543              |        | 4290            | 33405                 |                |   |    |    |    |    | (2-31     |      | 3-32  | GUNS)        |              |      |              |                        | Continue  |                  |
|                   |        |                 |                       |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | tape #240322 also reversed                          | TRI              |
| 0641              | 240322 | 4400            | 33571                 |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | LAST SHOT   |                  |
| 0644              | 240323 | 4412            | 33577                 | 52             | 80  | 73 | 45 | 60 | 73 | 80        | 8    | 110   | 3.5          | 10           | 12   | 30           | 1584                   | BEGIN RC/RP   |                  |
| 0645              |        | 4413            | 33600                 |                |   |    |    |    |    | (2-30,    |      | 3-28  | GUNS)        |              |      |              |                        | CONTINUE  |                  |
| 0703              |        | 4449            | 33642                 |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | No time break                                       |                  |
| 0712              |        | 4462            | 33664                 |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | No time break                                       |                  |
| 0713              |        | 4469            | 33666                 |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | No time break                                       |                  |
| 0743              | 240323 | 4529            | 33762                 |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | Last shot on reel                                   |                  |
| 0748              | 240324 | 4540            | 33775                 | 50             | 80  | 70 | 44 | 48 | 96 | 80        | 08   | 110   | 3.5          | 10           | 12   | 30           | 1550                   | BEGIN RC/RP   |                  |
| 0749              |        | 4542            | 33776                 |                |   |    |    |    |    | (2-30,    |      | 3-30  | -GUNS)       |              |      |              |                        | CONTINUE  | tape on X        |
| 0847              | 240324 | 4657            | 34160                 |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | LAST SHOT   | BACKWARDS        |
| 0849              | 240325 | 4661            | 34164                 | 51             | 80  | 73 | 45 | 53 | 95 | 80        | 08   | 110   | 3.5          | 10           | 12   | 30           | 1505                   | BEGIN RC/RP   |                  |
| 0850              |        | 4663            | 34165                 |                |   |    |    |    |    | (2-28     |      | 3-29  | GUNS)        |              |      |              |                        | CONTINUE  | "                |
| 0851              |        | 4666            | 34170                 |                |   |    |    |    |    |           |      |       | 3.0          |              |      |              |                        | A trip delay  |                  |
| 0948              | 240325 | 4780            | 34352                 |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | END   |                  |
| 0951              | 240326 | 4786            | 34360                 | 52             | 84  | 75 | 43 | 59 | 89 | 80        | 8    | 110   | 3.0          | 10           | 12   | 30           | 1463                   | BEGIN RC/RP   |                  |
| 0952              | 240326 | 4788            | 34361                 |                |   |    |    |    |    | (2-31     |      | 3-29  | GUNS)        |              |      |              |                        | CONTINUE  |                  |
| 1051              |        | 4905            | 34576                 |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | last shot.  |                  |
| 1052              |        | 4910            | 34553                 |                |   |    |    |    |    |           |      |       |              |              |      |              |                        | 1st shot.   |                  |

| CRUISE   |        | LINE            |               | AREA - PROJECT                       |    |    |    |    |    |                  |      |       |              |              |      | DATE         |                        |                          |                  |
|----------|--------|-----------------|---------------|--------------------------------------|----|----|----|----|----|------------------|------|-------|--------------|--------------|------|--------------|------------------------|--------------------------|------------------|
| I 823-3. |        | 992-15 Contd.   |               | Gulf of Mexico. Gulf Electronics. II |    |    |    |    |    |                  |      |       |              |              |      | 28 JAN 77    |                        |                          |                  |
| TIME     | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH                       |    |    |    |    |    | GAIN (Db)        |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                  | Inits.<br>of Obs |
|          |        |                 |               | 1                                    | 2  | 3  | 4  | 5  | 6  | INIT.            | RATE | FINAL |              |              |      |              |                        |                          |                  |
| 1054     |        | 4912            | 34555         |                                      |    |    |    |    |    | 80               | 8    | 110   | 3.0          | 10           | 12   | 30           |                        | Re/RP.                   |                  |
| 1054     | 240327 | 4913            |               | 57                                   | 82 | 75 | 45 | 58 | 82 |                  |      |       |              |              |      |              |                        | Missed shot.             |                  |
| 1055     |        | 4914            | 34556         |                                      |    |    |    |    |    | (26, 27 GUNS)    |      |       |              |              |      |              | 1490.                  | Continue.                |                  |
| 1154     | 240327 | 5032            | 34744         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | last shot                |                  |
| 1156     | 240328 | 5037            | 34751         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | 1st shot                 |                  |
| 1157     |        | 5038            | 34752         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | (Re/RP didn't find)      |                  |
|          |        | 5039            |               |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | Missed shot record       |                  |
|          |        | 5040            |               |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | Missed shot              |                  |
|          |        | 5041            |               |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | "                        |                  |
|          |        | 5042            |               |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | "                        |                  |
| 1259     |        | 5043            | 34753         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | OK                       |                  |
| 1200     |        | 5044            | 34754         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | Re/RP retry - ran out of |                  |
|          |        | 5045            |               |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | Missed shot              | paper.           |
|          |        | 5046            | 34757         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | continue                 |                  |
| 1259     |        | 5162            | 35143         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | last.                    |                  |
| 1302     |        | 5167            | 35150         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | 1st shot                 |                  |
| 1303     | 240329 | 5168            | 35151         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              | 1478                   | Re/RP                    |                  |
| 1303     |        | 5169            |               | 50                                   | 82 | 75 | 40 | 50 | 90 | (30, 27)         |      |       |              |              |      |              |                        | Missed shot.             |                  |
| 1303     |        | 5170            | 35152         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | Continue.                |                  |
| 1401     |        | 5287            | 35337         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | last shot                |                  |
| 1404     |        | 5292            | 35344         |                                      |    |    |    |    |    | 80               | 08   | 110   | 3.0          | 10           | 12   | 30           |                        | 1st shot                 |                  |
| 1405     |        | 5293            | 35345         | 50                                   | 85 | 75 | 42 | 55 | 60 | (31, 28)         |      |       |              |              |      |              | 1468                   | Re/RP                    |                  |
|          |        | 5294            |               |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | Missed shot              |                  |
| 1405     |        | 5295            | 35346         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              |                        | continue                 |                  |
| 1505     | 240330 | 5414            | 35535         | 55                                   | 80 | 92 | 47 | 62 | 74 |                  |      |       |              |              |      |              |                        | Last Shot                |                  |
| 1507     | 240331 | 5418            | 35541         |                                      |    |    |    |    |    | 80               | 08   | 110   | 3.0          | 10           | 12   | 30           |                        | 1st Shot #240331         |                  |
| 1508     |        | 5419            | 35542         |                                      |    |    |    |    |    |                  |      |       |              |              |      |              | 1465                   | Re/RP                    | Wm. Backman      |
| 1509     |        | 5421            | 35543         |                                      |    |    |    |    |    | (2-22 3-28 GUNS) |      |       |              |              |      |              |                        | Continue                 |                  |

Wm. Backman 15

| CRUISE |        | LINE            |               | AREA - PROJECT              |    |    |    |    |    |           |      |       |              |              |      |              |                        | DATE           |                  |
|--------|--------|-----------------|---------------|-----------------------------|----|----|----|----|----|-----------|------|-------|--------------|--------------|------|--------------|------------------------|----------------|------------------|
| 1643-3 |        | 672-15          |               | 6. of Mex Gulf Tullonies II |    |    |    |    |    |           |      |       |              |              |      |              |                        | 28 I 77        |                  |
| TIME   | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH              |    |    |    |    |    | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS        | Inits.<br>of Obs |
|        |        |                 |               | 1                           | 2  | 3  | 4  | 5  | 6  | INIT.     | RATE | FINAL |              |              |      |              |                        |                |                  |
| 1609   | 240331 | 5540            | 35732         |                             |    |    |    |    |    |           |      |       |              |              |      |              |                        |                |                  |
| 1611   | 240332 | 5545            | 35737         | 53                          | 88 | 80 | 46 | 65 | 74 | 80        | 08   | 110   | 3.0          | 10           | 12   | 30           |                        | LAST SHOT      |                  |
| 1612   |        | 5547            | 35741         |                             |    |    |    |    |    |           |      |       |              |              |      |              |                        | FIRST SHOT     |                  |
| 1613   |        | 5549            | 35742         |                             |    |    |    |    |    |           |      |       |              |              |      |              | 1400                   | RC/RP          |                  |
| 1621   |        | 5566            | 35763         |                             |    |    |    |    |    | (2-       | 26   | 3-    | 28           | GUNS)        |      |              |                        | CONTINUE       | TRA              |
| 1631   |        | 5586            | 36007         |                             |    |    |    |    |    |           |      |       | 2.5          |              |      |              |                        | Δ TRIP DELAY   |                  |
| 1711   | 240332 | 5665            | 36126         |                             |    |    |    |    |    |           |      |       |              |              |      |              |                        | Lost Shot      |                  |
| 1712   | 240333 | 5668            | 36131         | 53                          | 85 | 77 | 45 | 62 | 72 | 80        | 08   | 110   | 2.5          | 10           | 12   | 30           |                        | 1st Shot       |                  |
| 1713   |        | 5670            | 36133         |                             |    |    |    |    |    |           |      |       |              |              |      |              | 1323                   | RC/RP          |                  |
| 1714   |        | 5672            | 36134         |                             |    |    |    |    |    | (2-       | 27   | 3-    | 27           | GUNS)        |      |              |                        | Continue       |                  |
| 1813   | 240333 | 5788            | 363120        |                             |    |    |    |    |    |           |      |       |              |              |      |              |                        | Last shot      |                  |
| 1815   | 240334 | 5793            | 36325         | 54                          | 84 | 78 | 43 | 79 | 93 | 80        | 08   | 110   | 2.5          | 10           | 12   | 30           | 1257                   | 1st Shot RC/RP |                  |
| 1816   |        | 5795            | 36326         |                             |    |    |    |    |    | (2-       | 36   | 3-    | 37           | guns)        |      |              |                        | Continue       |                  |
| 1914   | 240334 | 5912            | 36513         |                             |    |    |    |    |    |           |      |       |              |              |      |              |                        | Last shot      |                  |
| 1916   | 240335 | 5915            | 36516         | 56                          | 87 | 80 | 44 | 80 | 90 | 80        | 08   | 110   | 2.5          | 10           | 12   | 30           | 1248                   | Begin RC/RP    |                  |
| 1917   |        | 5917            | 36517         |                             |    |    |    |    |    | (2-       | 32   | 3-    | 30           | -GUNS)       |      |              |                        | continue       |                  |
| 2015   | 240335 | 6034            | 36704         |                             |    |    |    |    |    |           |      |       |              |              |      |              |                        | Last shot      |                  |
| 2017   | 240336 | 6038            | 36710         | 55                          | 82 | 77 | 40 | 75 | 97 | 80        | 08   | 110   | 2.5          | 10           | 12   | 30           | 1210                   | Begin RC/RP    |                  |
| 2018   |        | 6040            | 36711         |                             |    |    |    |    |    | (2-       | 29   | 3-    | 28           | GUNS)        |      |              |                        | continue       |                  |
| 2117   | 240336 | 6158            | 37077         |                             |    |    |    |    |    |           |      |       |              |              |      |              |                        | end            |                  |
| 2119   | 240337 | 6163            | 37104         | 54                          | 74 | 73 | 40 | 56 | 81 | 80        | 08   | 110   | 2.5          | 10           | 12   | 30           | 1240                   | Begin RC/RP    |                  |
| 2121   | "      | 6165            | 37105         |                             |    |    |    |    |    | (2-       | 24   | 3-    | 29           | Guns)        |      |              |                        | continue       |                  |
| 2154   |        | 6231            | 37207         |                             |    |    |    |    |    |           | 10   |       |              |              |      |              |                        | Δ dB/sec       |                  |
| 2215   |        | 6231            | 37157         |                             |    |    |    |    |    |           | 08   |       |              |              |      |              |                        |                |                  |
| 2219   |        | 6284            | 37274         |                             |    |    |    |    |    |           |      |       |              |              |      |              |                        | last           |                  |
| 2222   |        | 6290            | 37362         |                             |    |    |    |    |    |           |      |       |              |              |      |              |                        |                |                  |
| 2222   |        | 6291            | 37303         |                             |    |    |    |    |    |           |      |       |              |              |      |              |                        | RC/RP          |                  |
| 2223   |        | 6292            |               |                             |    |    |    |    |    |           |      |       |              |              |      |              |                        | Missed shot    |                  |

| CRUISE  |        | LINE            |               | AREA - PROJECT                    |    |    |    |    |     |                  |      |       |              |              |      |              |                        | DATE                           |                 |
|---------|--------|-----------------|---------------|-----------------------------------|----|----|----|----|-----|------------------|------|-------|--------------|--------------|------|--------------|------------------------|--------------------------------|-----------------|
| 1623-3. |        | G72-15 cont     |               | Gulf of Mexico Gulf Telemetry II. |    |    |    |    |     |                  |      |       |              |              |      |              |                        | 28 JAN 77                      |                 |
| TIME    | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH                    |    |    |    |    |     | GAIN (Db)        |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                        | Units<br>of Obs |
|         |        |                 |               | 1                                 | 2  | 3  | 4  | 5  | 6   | INIT.            | RATE | FINAL |              |              |      |              |                        |                                |                 |
| 2223    | 240338 | 6293            | 37306         | 55                                | 65 | 60 | 35 | 35 | 100 | 80               | 08   | 110   | 2.5          | 10           | 12   | 30           | 1245                   | Continue                       |                 |
| 2224    | ↓      | 6301            | 37314         |                                   |    |    |    |    |     | (27, 31)         |      |       | 2.0          |              |      |              |                        | A trip delay                   |                 |
| 2224    | 240338 | 6412            | 37473         |                                   |    |    |    |    |     | START            | 24   | 0.11  |              |              |      |              |                        | Last shot                      |                 |
| 2327    | 240339 | 6417            | 37500         |                                   |    |    |    |    |     | 80               | 08   | 110   | 2.0          | 10           | 24   | 24           |                        | 1st shot. CHANGE T.B.          |                 |
| 2327    |        | 6418            | 37501         |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | RC/RP                          |                 |
| 2327    |        | 6419            |               | 50                                | 65 | 65 | 35 | 70 | 100 |                  |      |       |              |              |      |              | 1228                   | Missed shot                    |                 |
| 2328    |        | 6420            | 37502         |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | Continue                       |                 |
|         |        | 6438            |               |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | NO T.B.                        |                 |
|         |        | 6439            |               |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | " "                            |                 |
|         |        | 6440            |               |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        |                                |                 |
|         |        | 6441            |               |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | Guns firing weakly             |                 |
| 2336    |        | 6442            |               |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | only 1 gun started to          |                 |
| "       |        | "               |               |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | work fine RC 1/2 on            |                 |
| "       |        | "               |               |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | Look for static shift          |                 |
|         |        |                 |               |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | on a 8-10 shots now here.      |                 |
| 0000    |        | 6500            | 37617         | 29 JAN 1977                       |    |    |    |    |     |                  |      |       |              |              |      |              |                        | START 29 JAN 77                |                 |
|         | ↓      |                 |               |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | Last                           |                 |
| 0014    | 240339 | 6535            | 37662         | 50                                | 56 | 80 | 37 | 70 | 100 | 80               | 08   | 110   | 2.0          | 10           | 24   | 24           | 1240                   | end - last shot - (leader off) |                 |
| 0017    | 240340 | 6543            | 37672         |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | Begin RC/RP                    |                 |
| 0018    |        | 6545            | 37673         |                                   |    |    |    |    |     | GUNS (2-35 3-31) |      |       |              |              |      |              |                        | continue                       |                 |
| 0039    | ↓      | 6599            | 37761         |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | no time break                  |                 |
| 0106    | 240340 | 6666            | 40064         |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | last shot                      |                 |
| 0108    | 240341 | 6672            | 40072         |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | 1st shot                       |                 |
| 0109    |        | 6673            | 40073         | 50                                | 59 | 95 | 37 | 58 | 100 | (35, 34)         |      |       |              |              |      |              | 1242                   | RC/RP                          |                 |
|         |        | 6674            | -             |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | Missed shot                    |                 |
| 0110    |        | 6675            | 40074         |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | continue                       |                 |
| 0157    | 240341 | 6792            | 40256         |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | Start Run                      |                 |
| 0158    | 240341 | 6795            | 40261         |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | Last Shot                      |                 |
|         |        |                 |               |                                   |    |    |    |    |     |                  |      |       |              |              |      |              |                        | 1st Shot                       |                 |

Begin  
24 fold  
Plus Delta  
Grid.

29  
JAN  
77

| CRUISE  |        | LINE            |               | AREA - PROJECT                     |     |    |    |    |     |                   |      |       |              |              |      | DATE         |                        |                                  |                           |  |
|---------|--------|-----------------|---------------|------------------------------------|-----|----|----|----|-----|-------------------|------|-------|--------------|--------------|------|--------------|------------------------|----------------------------------|---------------------------|--|
| TG 23-3 |        | 672-15 Const.   |               | Gulf of Mexico. Gulf Tetronics II. |     |    |    |    |     |                   |      |       |              |              |      | 09 JAN 77    |                        |                                  |                           |  |
| TIME    | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH                     |     |    |    |    |     | GAIN (Db)         |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                          | Inits.<br>of Obs          |  |
|         |        |                 |               | 1                                  | 2   | 3  | 4  | 5  | 6   | INIT.             | RATE | FINAL |              |              |      |              |                        |                                  |                           |  |
| 0158    | 240342 | 6796            | 40262         |                                    |     |    |    |    |     | 80                | 08   | 110   | 2.0          | 10           | 24   | 24           |                        | RC/RP                            |                           |  |
| 0159    |        | 6798            | 40263         | 78                                 | 71  | 66 | 34 | 20 | 70  |                   |      |       |              |              |      |              | 1211                   | Continued                        |                           |  |
| 0243    |        | 6901            | 40437         |                                    |     |    |    |    |     |                   |      |       |              |              |      |              |                        | No T.B.                          |                           |  |
| 0243    |        | 6902            | 40440         |                                    |     |    |    |    |     |                   |      |       |              |              |      |              |                        | No T.B.                          |                           |  |
| 0246    | 240342 | 6917            | 40451         |                                    |     |    |    |    |     |                   |      |       |              |              |      |              |                        | LAST SHOT                        |                           |  |
| 0249    | 240343 | 6922            | 40456         | 40                                 | 85  | 75 | 35 | 70 | 100 | 80                | 08   | 110   | 2.0          | 10           | 24   | 24           |                        | FIRST SHOT                       |                           |  |
| 0249    |        | 6924            | 40460         |                                    |     |    |    |    |     |                   |      |       |              |              |      |              | 1180                   | RC/RP                            |                           |  |
| 0250    |        | 6926            | 40461         |                                    |     |    |    |    |     | (2-37, 3-36 GUNS) |      |       |              |              |      |              |                        | CONTINUE                         | TRB                       |  |
| 0338    | 240343 | 7045            | 40650         | 47                                 | 77  | 70 | 35 | 70 | 100 |                   |      |       |              |              |      |              |                        | LAST SHOT                        |                           |  |
| 0339    | 240344 | 7049            | 40654         |                                    |     |    |    |    |     | 80                | 08   | 110   | 2.0          | 9            | 24   | 24           |                        | FIRST SHOT                       |                           |  |
| 0340    |        | 7050            | 40655         |                                    |     |    |    |    |     |                   |      |       |              |              |      |              | 1102                   | RC/RP                            |                           |  |
| 0341    |        | 7052            | 40656         |                                    |     |    |    |    |     | (2-32, 3-30 GUNS) |      |       |              |              |      |              |                        | CONTINUE                         | TRB                       |  |
| 0433    | 240344 | 7183            | 41061         |                                    |     |    |    |    |     |                   |      |       |              |              |      |              |                        | LAST SHOT                        |                           |  |
| 0435    | 240345 | 7189            | 41067         | 55                                 | 100 | 87 | 55 | 77 | 100 | 80                | 08   | 110   | 2.0          | 9            | 24   | 24           |                        | FIRST SHOT                       |                           |  |
| 0436    |        | 7190            | 41070         |                                    |     |    |    |    |     |                   |      |       |              |              |      |              | 992                    | RC/RP                            |                           |  |
| 0437    |        | 7192            | 41071         |                                    |     |    |    |    |     | (2-26, 3-27 GUNS) |      |       |              |              |      |              |                        | CONTINUE                         |                           |  |
| 0529    | 240345 | 7324            | 41275         |                                    |     |    |    |    |     |                   |      |       |              |              |      |              |                        | LAST SHOT                        |                           |  |
| 0531    | 240346 | 7328            | 41301         | 48                                 | 98  | 88 | 50 | 72 | 100 | 80                | 08   | 110   | 2.0          | 9            | 24   | 24           |                        | FIRST SHOT                       |                           |  |
| 0531    |        | 7329            | 41302         |                                    |     |    |    |    |     |                   |      |       |              |              |      |              | 955                    | RC/RP                            |                           |  |
| 0532    |        | 7331            | 41303         |                                    |     |    |    |    |     | (2-31, 3-28 GUNS) |      |       |              |              |      |              |                        | CONTINUE                         | TRB                       |  |
| 0549    |        | 7373            | 41355         |                                    |     |    |    |    |     |                   |      |       |              |              |      | 20           |                        | <del>Δ REP. RATE TO 20 SEC</del> |                           |  |
| 0605    |        | 7419-21         | 41433-35      | Tape recorder stopped              |     |    |    |    |     |                   |      |       |              |              |      |              |                        |                                  | Missed shots - maybe more |  |
| 0625    | 240346 | 7479            | 41527         |                                    |     |    |    |    |     |                   |      |       |              |              |      |              |                        | end                              |                           |  |
| 0627    | 240347 | 7486            | 41536         | 48                                 | 100 | 90 | 50 | 74 | 100 | 80                | 8    | 110   | 2.0          | 9            | 24   | 20           | 935                    | BEGIN RC/RP                      |                           |  |
| 0628    |        | 7489            | 41537         |                                    |     |    |    |    |     | (2-22, 3-20 GUNS) |      |       |              |              |      |              |                        | CONTINUE                         |                           |  |
| 0711    | 240347 | 7619            | 41740         |                                    |     |    |    |    |     |                   |      |       |              |              |      |              |                        | end                              |                           |  |
| 0713    | 240348 | 7624            | 41745         | 44                                 | 85  | 76 | 47 | 53 | 100 | 80                | 8    | 110   | 20           | 9            | 24   | 20           | 910                    | BEGIN RC/RP                      |                           |  |
| 0714    |        | 7627            | 41747         |                                    |     |    |    |    |     | (2-20, 3-18 GUNS) |      |       |              |              |      |              |                        | CONTINUE                         |                           |  |

| CRUISE<br>IG 23-3 |        | LINE<br>672-15 contd. |               | AREA - PROJECT<br>Gulf of Mexico Gulf Tectonics II |       |    |    |    |     |           |      |       |              |              |      |              |                        | DATE<br>29 JAN '77      |                  |
|-------------------|--------|-----------------------|---------------|--|-------|----|----|----|-----|-----------|------|-------|--------------|--------------|------|--------------|------------------------|-------------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt. No.       | RECORD<br>No. | STREAMER DEPTH                                     |       |    |    |    |     | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                 | Inits.<br>of Obs |
|                   |        |                       |               | 1  | 2     | 3  | 4  | 5  | 6   | INIT.     | RATE | FINAL |              |              |      |              |                        |                         |                  |
| 0758              | 240348 | 7760                  | 42154         |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | end                     |                  |
| 0801              | 240349 | 7769                  | 42165         | 55   | 70    | 68 | 35 | 30 | 100 | 80        | 8    | 110   | 2.0          | 9            | 24   | 20           | 865                    | Begin - RC/RP           |                  |
| 0802              |        | 7772                  | 42167         |  | (7-7) |    |    |    | 87  | 16        | 8    | 110   | 2.0          | 9            | 24   | 20           |                        | continue                |                  |
|                   |        |                       |               |  |       |    |    |    |     | (16, 19)  |      |       |              |              |      |              |                        |                         |                  |
| 0812              |        |                       |               |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | steady on 050°          |                  |
| 0820              |        |                       |               |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | Begin GTZ-35            |                  |
| 0825              |        |                       |               |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | Guns firing erratically |                  |
|                   |        |                       |               |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | too high pressure -     |                  |
|                   |        |                       |               |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | cut down compressors -  |                  |
| 0840              |        | 7891                  | 42357         |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | Notice break            |                  |
| 0846              | 240349 | 7904                  | 42373         |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | end - last shot         |                  |
| 0848              | 240350 | 7911                  | 42402         | 100  | 65    | 62 | 35 | 32 | 100 | 80        | 8    | 110   | 2.0          | 9            | 24   | 20           | 835                    | FIRST SHOT - RC/RP      |                  |
| 0849              |        | 7912                  | 42303         |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | No time break           |                  |
| 0850              |        | 7914                  | 42304         |  |       |    |    |    |     | (2-16     | 3-18 | GUNS) |              |              |      |              |                        | continue                | TRC              |
| 0934              | 240350 | 8046                  | 42610         |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | end - last shot         | Short record     |
| 0935              | 240351 | 8051                  | 42615         | 98   | 55    | 54 | 35 | 31 | 100 | 80        | 8    | 110   | 2.0          | 9            | 24   | 20           | 822                    | Begin RC/RP             |                  |
| 0936              | "      | 8054                  | 42617         |  |       |    |    |    |     | (2-23     | 3-21 | GUNS) |              |              |      |              |                        | continue                |                  |
| 0940              |        |                       |               |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | (steady 130° - Begin    | *                |
|                   |        |                       |               |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | Line GTZ-36)            |                  |
| 1020              |        | 8187                  | 43024         |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | Last shot               |                  |
| 1021              |        | 8191                  | 43027         |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | 1st shot                |                  |
| 1022              | 240352 | 8192                  | 43031         |  |       |    |    |    |     |           |      |       |              |              |      |              | 868                    | RC/RP                   |                  |
| 1022              |        | 8198                  |               |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | Missed shots            |                  |
| 1023              |        | 8194                  |               | 40   | 45    | 50 | 35 | 38 | 100 |           |      |       |              |              |      |              |                        | Missed shots            |                  |
| 1023              |        | 8195                  | 43038         |  |       |    |    |    |     | (2-20     | 3-21 | GUNS) |              |              |      |              |                        | continue                |                  |
| 1107              | 240352 | 8327                  | 43236         |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | Last shot               |                  |
| 1108              | 240353 | 8332                  | 43243         |  |       |    |    |    |     |           |      |       |              |              |      |              |                        | 1st shot                |                  |
| 1109              |        | 8333                  | 43244         | 20   | 16    | ?  | 35 | 25 | 100 | (16       | 20)  |       |              |              |      |              | 898                    | RC/RP                   |                  |

[illegible]



| CRUISE |        | LINE            |               | AREA - PROJECT             |     |    |    |     |                     |           |      |       |              |              |      |              |                        | DATE        |                  |  |                              |
|--------|--------|-----------------|---------------|----------------------------|-----|----|----|-----|---------------------|-----------|------|-------|--------------|--------------|------|--------------|------------------------|-------------|------------------|--|------------------------------|
| 1653-3 |        | 872-36          |               | G. M. S. Gulf of Mexico II |     |    |    |     |                     |           |      |       |              |              |      |              |                        | 29 Jan 77   |                  |  |                              |
| TIME   | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH             |     |    |    |     |                     | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS     | Inits.<br>of Obs |  |                              |
|        |        |                 |               | 1                          | 2   | 3  | 4  | 5   | 6                   | INIT.     | RATE | FINAL |              |              |      |              |                        |             |                  |  |                              |
| 1503   | 240358 | 9036            | 44532         | 67                         | 64  | 32 | 45 | 100 | 80                  | 08        | 110  | 2.5   | 9            | 24           | 20   | 1158         | FIRST SHOT             |             |                  |  |                              |
| 1504   |        | 9037            | 44533         |                            |     |    |    |     |                     |           |      |       |              |              |      |              | RC/RP                  |             |                  |  |                              |
| 1505   |        | 9039            | 44534         |                            |     |    |    |     |                     |           |      |       |              |              |      |              | CONTINUE               | TRH         |                  |  |                              |
| 1514   |        | 9068            | 44571         |                            |     |    |    |     | (2-20, 3-23 GUNS)   |           |      |       |              |              |      |              |                        |             |                  |  |                              |
| 1549   | 240358 | 9173            | 44748         |                            |     |    |    |     |                     |           |      |       |              |              |      |              | LAST SHOT              |             |                  |  |                              |
| 1551   | 240359 | 9177            | 44750         |                            |     |    |    |     | 80                  | 08        | 110  | 2.5   | 9            | 24           | 20   |              | FIRST SHOT             |             |                  |  |                              |
| 1552   |        | 9181            | 44752         |                            |     |    |    |     |                     |           |      |       |              |              |      | 1265         | RC/RP                  |             |                  |  |                              |
| 1553   |        | 9184            | 44753         |                            |     |    |    |     | (2-18, 3-20 GUNS)   |           |      |       |              |              |      |              | CONTINUE               | TRH         |                  |  |                              |
|        |        |                 |               | * → Start Jan 872-37 ← *   |     |    |    |     |                     |           |      |       |              |              |      |              |                        |             |                  |  | * BEGIN WITH REEL # 240359 * |
| 1637   | 240359 | 9317            | 45160         |                            |     |    |    |     |                     |           |      |       |              |              |      |              | LAST SHOT              |             |                  |  |                              |
| 1639   | 240360 | 9322            | 45164         | 48                         | 84  | 75 | 35 | 70  | 100                 | 80        | 08   | 110   | 2.5          | 9            | 24   | 20           | FIRST SHOT             |             |                  |  |                              |
| 1639   |        | 9325            | 45166         |                            |     |    |    |     |                     |           |      |       |              |              |      | 1262         | NEXT GOOD SHOT         |             |                  |  |                              |
| 1640   |        | 9326            | 45167         |                            |     |    |    |     |                     |           |      |       |              |              |      |              | RC/RP                  | TRH         |                  |  |                              |
| 1641   |        | 9329            | 45170         |                            |     |    |    |     |                     |           |      |       |              |              |      |              | CONTINUE               |             |                  |  |                              |
| 1713   |        | 9427            | 45332         |                            |     |    |    |     | (2-30, 3-21 GUNS)   |           |      |       |              |              |      |              |                        |             |                  |  |                              |
| 1725   | 240360 | 9461            | 45374         |                            |     |    |    |     |                     |           |      |       |              |              |      |              | LAST SHOT              |             |                  |  |                              |
| 1727   | 240361 | 9467            | 45402         |                            |     |    |    |     | 80                  | 08        | 110  | 2.5   | 9            | 24           | 20   |              | FIRST SHOT             |             |                  |  |                              |
| 1727   |        | 9468            | 45403         | 50                         | 97  | 80 | 50 | 70  | 100                 |           |      |       |              |              |      | 1275         | RC/RP                  |             |                  |  |                              |
| 1728   |        | 9470            | 45404         |                            |     |    |    |     | (2-24, 3-22 GUNS)   |           |      |       |              |              |      |              | CONTINUE               | TRH         |                  |  |                              |
| 1812   | 240361 | 9603            | 45611         |                            |     |    |    |     |                     |           |      |       |              |              |      |              | LAST SHOT              |             |                  |  |                              |
| 1813   | 240362 | 9607            | 45615         | 58                         | 100 | 86 | 51 | 65  | 100                 | 80        | 08   | 110   | 2.5          | 9            | 24   | 20           | 1270                   | BEGIN RC/RP |                  |  |                              |
| 1815   |        | 9610            | 45617         |                            |     |    |    |     | (2-18, 3-21 - GUNS) |           |      |       |              |              |      |              | CONTINUE               |             |                  |  |                              |
| 1843   |        | 9695            | 45744         |                            |     |    |    |     |                     |           |      |       |              |              |      |              | Steadily 340° - BEGIN  |             |                  |  |                              |
|        |        |                 |               |                            |     |    |    |     |                     |           |      |       |              |              |      |              | LINE 872-38            |             |                  |  |                              |
| 1900   | 240362 | 9745            | 46026         |                            |     |    |    |     |                     |           |      |       |              |              |      |              | LAST SHOT - SHORT      |             |                  |  |                              |
| 1902   | 240363 | 9751            | 46034         | 51                         | 92  | 81 | 48 | 33  | 100                 | 80        | 08   | 110   | 2.5          | 9            | 24   | 20           | 1200                   | BEGIN RC/RP |                  |  |                              |
| 1903   |        | 9754            | 46036         |                            |     |    |    |     | (2-22, 3-22 GUNS)   |           |      |       |              |              |      |              |                        |             |                  |  |                              |

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| CRUISE  |        | LINE            |               | AREA - PROJECT              |    |     |    |    |     |           |       |          |              | DATE         |      |              |                        |                          |                  |
|---------|--------|-----------------|---------------|-----------------------------|----|-----|----|----|-----|-----------|-------|----------|--------------|--------------|------|--------------|------------------------|--------------------------|------------------|
| T 673-3 |        | 672-38          |               | Gulf of Mexico Tectonics II |    |     |    |    |     |           |       |          |              | 29 JAN '77   |      |              |                        |                          |                  |
| TIME    | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH              |    |     |    |    |     | GAIN (Db) |       |          | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                  | Inits.<br>of Obs |
|         |        |                 |               | 1                           | 2  | 3   | 4  | 5  | 6   | INIT.     | RATE  | FINAL    |              |              |      |              |                        |                          |                  |
| 1948    | 240363 | 9888            | 46244         |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | LAST SHOT                |                  |
| 1949    | 240364 | 9894            | 46252         | 50                          | 80 | 73  | 36 | 55 | 100 | 80        | 8     | 110      | 2.5          | 9            | 24   | 20           | 1120                   | BEGIN RC/RP              |                  |
| 1950    |        | 9897            | 46254         |                             |    |     |    |    |     | (2-16     | 3-19  | guns)    |              |              |      |              |                        | CONTINUE                 |                  |
| 1955    |        | 9913            | 46279         |                             |    |     |    |    |     |           |       | 2.0      |              |              |      |              |                        | CHANGE Trip Delay        |                  |
| 2035    | 240364 | 0030            | 46461         |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | LAST SHOT                |                  |
| 2037    | 240365 | 0038            | 46471         | 52                          | 80 | 72  | 39 | 62 | 100 | 80        | 8     | 110      | 2.0          | 9            | 24   | 20           | 1117                   | BEGIN RC/RP              |                  |
| 2038    |        | 0041            | 46473         |                             |    |     |    |    |     | (2-25     | 3-26  | guns)    |              |              |      |              |                        | CONTINUE                 |                  |
| 2123    | 240365 | 0174            | 46700         |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | LAST SHOT                |                  |
| 2125    | 240366 | 0181            | 46707         | 53                          | 80 | 72  | 38 | 58 | 100 | 80        | 8     | 110      | 2.0          | 9            | 24   | 20           | 1093                   | BEGIN RC/RP              |                  |
| 2126    |        | 0184            | 46711         |                             |    |     |    |    |     | (2-29     | 3-25  | )        |              |              |      |              |                        | CONTINUE                 |                  |
| 2210    |        | 0315            | 47114         |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | LAST SHOT                |                  |
| 2212    |        | 0324            | 47125         |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | 1st SHOT                 |                  |
| 2213    | 240366 | 0325            | 47126         | 50                          | 70 | 65  | 35 | 58 | 100 |           |       | (20, 20) |              |              |      |              | 1060                   | RC/RP                    |                  |
| 2213    |        | 0327            | 47127         |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | NO T.B.                  |                  |
| 2214    |        | 0328            | 47130         |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | CONTINUE                 |                  |
| 2257    | 240367 | 0458            | 47332         |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | LAST SHOT                |                  |
| 2259    |        | 0464            | 47340         |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | 1st SHOT                 |                  |
| 2259    |        | 0465            | 47341         |                             |    |     |    |    |     |           |       |          |              |              |      |              | 978                    | RC/RP                    |                  |
|         | 240368 | 0466            |               | 115                         | 60 | 100 | 35 | 50 | 100 |           |       |          |              |              |      |              |                        | Missed Shot              |                  |
|         |        | 0467            |               |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | NO T.B.                  |                  |
| 2300    |        | 0468            | 47343         |                             |    |     |    |    |     | (18-21    | guns) |          |              |              |      |              |                        |                          |                  |
| 2344    |        | 0597            | 47513         |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | LAST SHOT                |                  |
| 2345    |        | 0604            | 47552         | 25                          | 25 | 100 | 36 | 50 | 100 |           |       |          |              |              |      |              |                        | 1st                      |                  |
| 2346    |        | 0605            | 47553         |                             |    |     |    |    |     | (26-25    | guns) |          |              |              |      |              | 937                    | RC/RP                    |                  |
| 2347    | 240369 | 0607            | 47554         |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | CONTINUE                 |                  |
|         |        | 635             |               |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | Missed Shot              |                  |
|         |        | 636             |               |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | "cleaning tape transport |                  |
|         |        | 637             |               |                             |    |     |    |    |     |           |       |          |              |              |      |              |                        | "                        |                  |



| CRUISE<br>IG 23-3 |        |                 | LINE<br>GT 2-40 |                | AREA - PROJECT<br>G.M.E.K. GULF TECHNIQUES - II |    |    |    |     |                   |      |       |             |              |      |              |                        | DATE<br>30 JAN 77 |                  |
|-------------------|--------|-----------------|-----------------|----------------|---|----|----|----|-----|-------------------|------|-------|-------------|--------------|------|--------------|------------------------|-------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.   | STREAMER DEPTH |   |    |    |    |     | GAIN (Db)         |      |       | TRIP<br>DEL | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS           | Inits.<br>of Obs |
|                   |        |                 |                 | 1              | 2   | 3  | 4  | 5  | 6   | INIT.             | RATE | FINAL |             |              |      |              |                        |                   |                  |
| 0300              | 240373 | 1185            | 50652           |                |   |    |    |    |     | 80                | 08   | 110   | 2.0         | 9            | 24   | 20           |                        | FIRST SHOT        |                  |
| 0300              |        | 1187            | 50654           | 55             | 75  | 70 | 45 | 64 | 100 |                   |      |       |             |              |      |              |                        | RC/RP             |                  |
| 0301              |        | 1189            | 50655           |                |   |    |    |    |     | (2-24, 3-24 GUNS) |      |       |             |              |      | 1040         | CONTINUE               | TRA               |                  |
| 0344              | 240373 | 1318            | 51055           |                |   |    |    |    |     |                   |      |       |             |              |      |              |                        | LAST SHOT         |                  |
| 0345              | 240374 | 1321            | 51061           |                |   |    |    |    |     | 80                | 08   | 110   | 2.0         | 9            | 24   | 20           |                        | FIRST SHOT        |                  |
| 0346              |        | 1323            | 51063           | 45             | 85  | 75 | 45 | 70 |     | (2-31, 3-27 GUNS) |      |       |             |              |      | 1052         | RC/RP                  |                   |                  |
| 0346              |        | 1325            | 51064           |                |   |    |    |    |     |                   |      |       |             |              |      |              |                        | CONTINUE          | TRA              |
| 0429              | 240374 | 1453            | 51264           |                |   |    |    |    |     |                   |      |       |             |              |      |              |                        | LAST SHOT         |                  |
| 0431              | 240375 | 1459            | 51272           | 50             | 90  | 80 | 78 | 74 | -   | 80                | 08   | 110   | 2.0         | 9            | 24   | 20           | 1                      | FIRST SHOT        |                  |
| 0432              |        | 1461            | 51274           |                |   |    |    |    |     |                   |      |       |             |              |      |              | 1068                   | RC/RP             |                  |
| 0432              |        | 1463            | 51275           |                |   |    |    |    |     | (2-27, 3-26 GUNS) |      |       |             |              |      |              |                        | CONTINUE          | TRA              |
| 0516              | 240375 | 1593            | 51477           |                |   |    |    |    |     |                   |      |       |             |              |      |              |                        | LAST SHOT         |                  |
| 0517              | 240376 | 1597            | 51503           | 53             | 93  | 82 | 50 | 74 | -   | 80                | 08   | 110   | 2.0         | 9            | 24   | 20           |                        | FIRST SHOT        |                  |
| 0518              |        | 1599            | 51505           |                |   |    |    |    |     |                   |      |       |             |              |      |              | 1127                   | RC/RP             |                  |
| 0518              |        | 1601            | 51506           |                |   |    |    |    |     | (2-20, 3-24 GUNS) |      |       |             |              |      |              |                        | CONTINUE          | TRA              |
| 0601              | 240376 | 1730            | 51707           |                |   |    |    |    |     |                   |      |       |             |              |      |              |                        | LAST SHOT         |                  |
| 0602              | 240377 | 1734            | 51713           |                |   |    |    |    |     | 80                | 08   | 110   | 2.0         | 9            | 24   | 20           | 1148                   | FIRST SHOT RC/RP  |                  |
| 0603              |        | 1734            | 51714           | 47             | 93  | 81 | 45 | 80 | -   |                   |      |       |             |              |      |              |                        | MISSED            |                  |
| 0604              |        | 1736            | 51714           |                |   |    |    |    |     | (2-18, 3-22 GUNS) |      |       |             |              |      |              |                        | MISSED            |                  |
| 0604              |        | 1737            | 51715           |                |   |    |    |    |     |                   |      |       |             |              |      |              |                        | CONTINUE          | TRA              |
| 0647              | 240377 | 1865            | 52115           |                |   |    |    |    |     |                   |      |       |             |              |      |              |                        | END - last shot   |                  |
| 0648              | 240378 | 1869            | 52121           | 49             | 92  | 82 | 48 | 78 | -   | 80                | 08   | 110   | 2.0         | 9            | 24   | 20           | 1210                   | BEGIN - RC/RP     |                  |
| 0649              |        | 1872            | 52123           |                |   |    |    |    |     | (2-20, 3-22 GUNS) |      |       |             |              |      |              |                        |                   |                  |
| 0733              | 240378 | 2003            | 52326           |                |   |    |    |    |     |                   |      |       |             |              |      |              |                        | END - last shot   |                  |
| 0734              | 240379 | 2009            | 52334           | 50             | 94  | 81 | 50 | 75 | 100 | 80                | 08   | 110   | 2.0         | 9            | 24   | 20           | 1185                   | BEGIN RC/RP       |                  |
| 0735              |        | 2012            | 52336           |                |   |    |    |    |     | (2-21, 3-22)      |      |       |             |              |      |              |                        | CONTINUE          |                  |
| 0819              | 240379 | 2143            | 52541           |                |   |    |    |    |     |                   |      |       |             |              |      |              |                        | END               |                  |

[illegible]

| CRUISE   |        | LINE           |               | AREA - PROJECT                     |     |    |    |    |     |                  |      |       |              |              |      |              | DATE                   |                        |                  |
|----------|--------|----------------|---------------|------------------------------------|-----|----|----|----|-----|------------------|------|-------|--------------|--------------|------|--------------|------------------------|------------------------|------------------|
| IG 23-3. |        | 672-41         |               | Gulf of Mexico. Gulf Telemetry. II |     |    |    |    |     |                  |      |       |              |              |      |              | 30 JAN 77.             |                        |                  |
| TIME     | REEL   | SHOT<br>Pt.No. | RECORD<br>No. | STREAMER DEPTH                     |     |    |    |    |     | GAIN (Db)        |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                | Inits.<br>of Obs |
|          |        |                |               | 1                                  | 2   | 3  | 4  | 5  | 6   | INIT.            | RATE | FINAL |              |              |      |              |                        |                        |                  |
| 1127     | 240384 | 2708           | 53620         |                                    |     |    |    |    |     | 80               | 08   | 110   | 2.5          | 9            | 24   | 20           |                        | continue               |                  |
| 1135     |        | 2730           | 53646         |                                    |     |    |    |    |     |                  |      |       |              |              |      | 18           |                        | A rep rate to 18 sec.  |                  |
| 1137     |        | 2740           | 53660         |                                    |     |    |    |    |     |                  |      |       | 2.0          |              |      |              |                        | A trip delay to 2.0    |                  |
| 1207     |        | 2838           | 54022         |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | Last shot.             |                  |
| 1208     |        | 2842           | 54026         |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | 1st shot.              |                  |
| 1208     | 240385 | 2843           | 54027         |                                    |     |    |    |    |     |                  |      |       |              |              |      |              | 1234                   | Re/RP.                 |                  |
| 1209     |        | 2845           | 54030         | 58                                 | 100 | 85 | 55 | 25 | 100 |                  |      |       |              |              |      |              |                        | NO TB.                 |                  |
| 1209     |        | 2846           | 54031         |                                    |     |    |    |    |     | (23-25 Guns)     |      |       |              |              |      |              |                        | Continue               |                  |
| 1249     | 240385 | 2977           | 54234         |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | LAST SHOT              |                  |
| 1250     | 240386 | 2981           | 54240         |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | FIRST SHOT             |                  |
| 1250     | 240386 | 2982           | 54241         |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | Re/RP                  |                  |
| 1251     |        | 2984           | 54242         | 58                                 | 100 | 72 | 54 | 82 | 100 | 80               | 08   | 110   | 2.10         | 9            | 24   | 18           | 1240                   | Cont. NO TB            |                  |
| 1251     | 240386 | 2985           | 54243         |                                    |     |    |    |    |     | (25-23)          |      |       |              |              |      |              |                        | CONT GOOD SHOT         |                  |
| 1330     | 240386 | 3116           | 54446         |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | last shot              |                  |
| 1332     | 240387 | 3122           | 54454         |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | 1st shot               |                  |
| 1332     |        | 3123           | 54455         | 57                                 | 100 | 57 | 54 | 82 | 100 |                  |      |       | (22, 22)     |              |      |              | 1244                   | Re/RP                  |                  |
| 1333     |        | 3124           | -             |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | Missed shot            |                  |
| 1333     |        | 3125           | -             |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | "                      |                  |
| 1333     |        | 3126           | -             |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | "                      |                  |
| 1334     |        | 3127           | 54456         |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | CONTINUED              |                  |
| 1352     |        | 3189           | 54554         |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | shot slow turn to 355° |                  |
| "        |        | "              | "             |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | END GT2-41             |                  |
| "        |        | "              | "             |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | Begin GT2-42           |                  |
| 1354     |        | 3193           | 54560         |                                    |     |    |    |    |     |                  |      |       |              |              |      | 20           |                        | A rep rate to 20 sec.  |                  |
| 1415     | 240387 | 3257           | 54660         |                                    |     |    |    |    |     |                  |      |       |              |              |      |              |                        | LAST SHOT              |                  |
| 1417     | 240388 | 3263           | 54666         | 55                                 | 100 | 85 | 54 | 77 | 100 | 80               | 08   | 110   | 2.10         | 9            | 24   | 20           | 1170                   | RC/RP                  |                  |
| 1418     |        | 3266           | 54667         |                                    |     |    |    |    |     | (2-21 3-20 GUNS) |      |       |              |              |      |              |                        | CONTINUE               | TRK              |
| 1502     | 240388 | 3399           | 55074         | 56                                 | 100 | 86 | 55 | 80 | -   |                  |      |       |              |              |      |              |                        | LAST SHOT              |                  |

| CRUISE<br>IG 23-3 |        |                 | LINE<br>GT2-42 |                             | AREA - PROJECT<br>G.M.E.V. GULF Tectonics - II |    |    |    |     |             |       |       |              |              |      |              |                        | DATE<br>30 JAN 77 |                  |
|-------------------|--------|-----------------|----------------|-----------------------------|--|----|----|----|-----|-------------|-------|-------|--------------|--------------|------|--------------|------------------------|-------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.  | STREAMER DEPTH              |  |    |    |    |     | GAIN (Db)   |       |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS           | Inits.<br>of Obs |
|                   |        |                 |                | 1                           | 2  | 3  | 4  | 5  | 6   | INIT.       | RATE  | FINAL |              |              |      |              |                        |                   |                  |
| 1503              | 240389 | 3403            | 55100          |                             |  |    |    |    |     | 80          | 08    | 110   | 2.16         | 9            | 24   | 20           | 1193                   | RC/RP             |                  |
| 1504              |        | 3406            | 55101          |                             |  |    |    |    |     | (2-13, 3-19 | GUNS) |       |              |              |      |              |                        | CONTINUE          | TRB              |
| 1549              | 240389 | 3539            | 55306          | 56                          | 101  | 85 | 55 | 68 | 103 |             |       |       |              |              |      |              |                        | LAST SHOT         |                  |
| 1550              | 240390 | 3544            | 55313          |                             |  |    |    |    |     | 80          | 08    | 110   | 2.10         | 9            | 24   | 20           | 1105                   | RC/RP N-6         |                  |
| 1552              |        | 3547            | 55315          |                             |  |    |    |    |     | (2-17 3-21  | GUNS) |       |              |              |      |              |                        | CONTINUE          | TRB              |
| 1552              |        | 3549            | 55317          |                             |  |    |    |    |     |             |       |       |              |              |      |              |                        | RC/RP OK.         |                  |
| 1553              |        | 3552            | 55321          |                             |  |    |    |    |     |             |       |       |              |              |      |              |                        | CONTINUE          | TRB              |
| 1637              | 240390 | 3682            | 55523          |                             |  |    |    |    |     |             |       |       |              |              |      |              |                        | LAST SHOT         |                  |
| 1639              | 240391 | 3688            | 55531          | 56                          | 100  | 85 | 52 | 57 | 98  | 80          | 08    | 110   | 2.10         | 9            | 24   | 20           | 1021                   | RC/RP             |                  |
| 1639              |        | 3690            | 55532          |                             |  |    |    |    |     | (2-22 3-21  | GUNS) |       |              |              |      |              |                        | CONTINUE          | TRB              |
| 1700              |        | 3752            | 55630          | (Left) Start 812-43 (Right) |  |    |    |    |     |             |       |       |              |              |      |              |                        |                   |                  |
| 1724              | 240391 | 3824            | 55740          |                             |  |    |    |    |     |             |       |       |              |              |      |              |                        | Last Shot         |                  |
| 1725              | 240392 | 3829            | 55745          | 58                          | 103  | 84 | 54 | 74 | 100 | 80          | 08    | 110   | 2.10         | 9            | 24   | 20           | 995                    | RC/RP             |                  |
| 1726              |        | 3831            | 55746          |                             |  |    |    |    |     | (2-16 3-20  | GUNS) |       |              |              |      |              |                        | CONTINUE          |                  |
| 1812              | 240392 | 3966            | 56155          |                             |  |    |    |    |     |             |       |       |              |              |      |              |                        | LAST SHOT         |                  |
| 1814              | 240393 | 3973            | 56164          | 55                          | 100  | 84 | 54 | 73 | 100 | 80          | 08    | 110   | 2.10         | 9            | 24   | 20           | 1040                   | BEGIN RC/RP       |                  |
| 1815              |        | 3976            | 56166          |                             |  |    |    |    |     | (2-26 3-25  | GUNS) |       |              |              |      |              |                        | CONTINUE          |                  |
| 1858              | 240393 | 4107            | 56371          |                             |  |    |    |    |     |             |       |       |              |              |      |              |                        | Last Shot         |                  |
| 1900              | 240394 | 4111            | 56375          | 55                          | 100  | 85 | 53 | 71 | 100 | 80          | 08    | 110   | 2.10         | 9            | 24   | 20           | 1030                   | BEGIN RC/RP       |                  |
| 1900              |        | 4114            | 56377          |                             |  |    |    |    |     | (2-20 3-20  | GUNS) |       |              |              |      |              |                        | CONTINUE          |                  |
| 1944              | 240394 | 4244            | 56601          |                             |  |    |    |    |     |             |       |       |              |              |      |              |                        | Last Shot         |                  |
| 1946              | 240395 | 4251            | 56610          | 56                          | 100  | 85 | 52 | 68 | 100 | 80          | 08    | 110   | 2.1          | 9            | 24   | 20           | 1060                   |                   |                  |
| 1947              |        | 4253            | 56611          |                             |  |    |    |    |     | (2-25 3-26  | GUNS) |       |              |              |      |              |                        |                   |                  |
| 2030              | 240395 | 4383            | 57013          |                             |  |    |    |    |     |             |       |       |              |              |      |              |                        | END               |                  |
| 2032              | 240396 | 4390            | 57022          | 51                          | 93   | 82 | 50 | 65 | 100 | 80          | 8     | 110   | 2.1          | 9            | 24   | 20           | 1063                   | BEGIN RC/RP       |                  |
| 2033              | "      | 4392            | 57024          |                             |  |    |    |    |     | (2-24 3-22  | GUNS) |       |              |              |      |              |                        | CONTINUE          |                  |
| 2117              | 240396 | 4523            | 57229          |                             |  |    |    |    |     |             |       |       |              |              |      |              |                        | Last shot         |                  |

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| CRUISE  |        |                 | LINE          |                | AREA - PROJECT                   |     |    |    |     |                   |      |       |                   |              | DATE       |              |                        |                      |                  |
|---------|--------|-----------------|---------------|----------------|----------------------------------|-----|----|----|-----|-------------------|------|-------|-------------------|--------------|------------|--------------|------------------------|----------------------|------------------|
| IG-23-3 |        |                 | GT-2-45       |                | Gulf of Mexico Gulf Tectonics II |     |    |    |     |                   |      |       |                   |              | 31 JAN '77 |              |                        |                      |                  |
| TIME    | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH |                                  |     |    |    |     | GAIN (Db)         |      |       | TRIP<br>DEL.      | REC.<br>LGTH | FOLD       | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS              | Inits.<br>of Obs |
|         |        |                 |               | 1              | 2                                | 3   | 4  | 5  | 6   | INIT.             | RATE | FINAL |                   |              |            |              |                        |                      |                  |
| 0023    | 240400 | 5082            | 60301         |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              |                        | end - short record.  |                  |
| 0025    |        | 5089            | 60310         |                |                                  |     |    |    |     | 80                | 08   | 110   | 2.1               | 9            | 24         | 20           |                        | Begin RC/RP - cut    | short            |
| 00      | 240401 | 5090            | 603           |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              | 1045                   | Missed shot          |                  |
|         |        | 5091            |               |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              |                        | "                    |                  |
| 0026    |        | 5092            | 60311         | 55             | 96                               | 100 | 96 | 74 | 100 |                   |      |       | (21, 20)          |              |            |              |                        | continue.            |                  |
| 0110    |        | 5222            | 60513         |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              |                        | last.                |                  |
| 0111    |        | 5225            | 60516         |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              |                        | 1st                  |                  |
| 0111    | 240402 | 5226            | 60517         |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              | 985                    | RC/RP.               |                  |
| 0112    |        | 5228            | 60520         | 55             | 95                               | 85  | 45 | 85 | 100 |                   |      |       | (22, 20)          |              |            |              |                        | No T.B.              |                  |
| 0112    |        | 5229            | 60521         |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              |                        | Continue.            |                  |
| 0122    |        | 5258            | 60556         |                |                                  |     |    |    |     |                   |      |       | 2.0               |              |            |              |                        | A trip delay         |                  |
| 0155    |        | 5359            | 60723         |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              |                        | last shot.           |                  |
| 0156    |        | 5362            | 60726         |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              |                        | 1st shot.            |                  |
| 0157    | 240403 | 5363            | 60727         | 55             | 100                              | 95  | 60 | 80 | 100 |                   |      |       | (20, 19)          |              |            |              | 938                    | RC/RP.               |                  |
| 0157    |        | 5365            | 60730         |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              |                        | No T.B.              |                  |
| 0158    |        | 5366            | 60731         |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              |                        | Continue.            |                  |
| 0201    |        | 5376            | 60743         |                |                                  |     |    |    |     |                   |      |       | 1.7               |              |            |              |                        | A trip delay         |                  |
| 0203    |        | 5383            | 60752         |                |                                  |     |    |    |     |                   |      |       |                   |              | 18         |              |                        | Δ REP. RATE          |                  |
| 0237    | 240403 | 5496            | 61133         | 55             | 100                              | 95  | 47 | 83 | -   |                   |      |       |                   |              |            |              |                        | LAST SHOT            |                  |
| 0239    | 240404 | 5502            | 61141         |                |                                  |     |    |    |     | 80                | 08   | 110   | 1.70              | 9            | 24         | 18           | 900                    | RC/RP                |                  |
| 0240    |        | 5505            | 61142         |                |                                  |     |    |    |     |                   |      |       | (2-14, 3-17 GUNS) |              |            |              |                        | CONTINUE             | TRN              |
| 0306    |        | 5594            | 61073         |                |                                  |     |    |    |     |                   |      |       |                   |              | 20         |              |                        | Δ REP RATE to 20 sec |                  |
| 0321    | 240404 | 5636            | 61345         |                |                                  |     |    |    |     |                   |      |       |                   |              |            |              |                        | LAST SHOT            |                  |
| 0322    | 240405 | 5640            | 61351         | 50             | 97                               | 97  | 47 | 80 | -   | 80                | 08   | 110   | 1.70              | 9            | 24         | 20           | 877                    | RC/RP                |                  |
| 0323    |        | 5642            | 61352         |                |                                  |     |    |    |     | (2-23, 3-24 GUNS) |      |       |                   |              |            |              |                        | CONTINUE             | TRN              |
| 0407    | 240405 | 5775            | 61557         | 55             | 99                               | 84  | 48 | 85 | -   |                   |      |       |                   |              |            |              |                        | LAST SHOT            |                  |
| 0409    | 240406 | 5780            | 61564         |                |                                  |     |    |    |     | 80                | 08   | 110   | 1.70              | 9            | 24         | 20           | 875                    | RC/RP                |                  |
| 0410    |        | 5783            | 61566         |                |                                  |     |    |    |     | (2-26, 3-25 GUNS) |      |       |                   |              |            |              |                        | CONTINUE             | TRN              |

| CRUISE                                      |        | LINE            |               | AREA - PROJECT             |     |     |    |    |     |           |      |       |              |              |      |              |                        | DATE                     |                  |
|---|--------|-----------------|---------------|----------------------------|-----|-----|----|----|-----|-----------|------|-------|--------------|--------------|------|--------------|------------------------|--------------------------|------------------|
| I 623-3                                     |        | 8-22-45         |               | 8 of May Gulf of Mexico II |     |     |    |    |     |           |      |       |              |              |      |              |                        | 31 May                   |                  |
| TIME  | REEL   | SHOT<br>Pt. No. | RECORD<br>No. | STREAMER DEPTH             |     |     |    |    |     | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                  | Inits.<br>of Obs |
|   |        |                 |               | 1                          | 2   | 3   | 4  | 5  | 6   | INIT.     | RATE | FINAL |              |              |      |              |                        |                          |                  |
| 0454  | 240406 | 5915            | 61772         | 1                          | .   |     |    |    |     |           |      |       |              |              |      |              |                        | LAST SHOT                |                  |
| 0456  | 240407 | 5921            | 62000         | 52                         | 100 | 97  | 50 | 82 | 100 | 80        | 08   | 110   | 1.70         | 9            | 24   | 20           | 885                    | RC/RP                    |                  |
| 0456  |        | 5923            | 62001         |                            |     |     |    |    |     | (2-26     | 26   | 3-23  |              | GUNS)        |      |              |                        | CONTINUE                 | TRP              |
| 50 ft noise canceler all down, 126000, 0400 |        |                 |               |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        |                          |                  |
| 0541  | 240407 | 6056            | 62206         |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        | LAST SHOT                |                  |
| 0543  | 240408 | 6063            | 62215         | 53                         | 100 | 96  | 50 | 83 | 100 | 80        | 08   | 110   | 1.7          | 09           | 24   | 20           | 895                    | RC/RP                    |                  |
| 0544  |        | 6065            | 62216         |                            |     |     |    |    |     | (2-23     | 23   | 3-23  |              | GUNS)        |      |              |                        | CONTINUE                 | TRP              |
| 0629  | 240408 | 6199            | 62424         |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        | END - MISS. DELTA GRID   |                  |
| short record                                |        |                 |               |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        |                          |                  |
| 0631  | 240409 | 6205            | 62432         | 56                         | 92  | 83  | 49 | 77 | 100 | 80        | 8    | 110   | 1.7          | 9            | 12   | 30           | 900                    | BEGIN 12-fold            | *                |
| Begin 6T2-15 CONTD                          |        |                 |               |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        |                          |                  |
| 0632  |        | 6207            | 62434         |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        | RC/RP                    |                  |
| 0633  |        | 6209            | 62435         |                            |     |     |    |    |     | (2-26     | 26   | 3-26  |              | - GUNS)      |      |              |                        | CONTINUE                 |                  |
| DATA looks quite noisy!!                    |        |                 |               |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        |                          |                  |
| 0739  | 240409 | 6341            | 62641         |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        | Last shot - short record |                  |
| 0742  | 240410 | 6346            | 62646         | 54                         | 100 | 88  | 56 | 78 | 100 | 80        | 08   | 110   | 1.7          | 9            | 12   | 30           | 765                    | BEGIN RC/RP              |                  |
| 0742  |        | 6348            | 62647         |                            |     |     |    |    |     | (2-27     | 27   | 3-29  |              | guns)        |      |              |                        | CONTINUE                 |                  |
| 0750  |        | 6363            | 62666         |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        | Delta p delay            |                  |
| 0849  | 240410 | 6480            | 63053         |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        | END                      |                  |
| 0851  | 240411 | 6484            | 63057         | 42                         | 100 | 92  | 41 | 59 | 100 | 80        | 8    | 110   | 1.5          | 9            | 12   | 30           | 617                    | BEGIN RC/RP              |                  |
| 0852  |        | 6486            | 63060         |                            |     |     |    |    |     | (27       | 27   | 28)   |              |              |      |              |                        | CONTINUE                 |                  |
| 0915  |        | 6533            | 63137         |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        | Delta trap delay         |                  |
| 0958  | 240411 | 6619            | 63265         |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        | Last shot                |                  |
| 1000  | 240412 | 6623            | 63271         | 56                         | 70  | 100 | 43 | 63 | 100 | 80        | 08   | 110   | 1.0          | 9            | 12   | 30           | 477                    | BEGIN RC/RP              |                  |
| 1001  |        | 6625            | 63272         |                            |     |     |    |    |     | (Guns     | 2-30 | 3-28) |              |              |      |              |                        | CONTINUE                 |                  |
| NOISY - heavy seas                          |        |                 |               |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        |                          |                  |
| STORM                                       |        |                 |               |                            |     |     |    |    |     |           |      |       |              |              |      |              |                        |                          |                  |

| CRUISE<br>IG 23-3 |        |                 | LINE<br>GT2-15 cont |                                     | AREA - PROJECT<br>G. Mex. - Gulf Tectonics II |     |     |    |     |           |      |       |              |              |      |              |                        | DATE<br>31 Jan 77         |                  |
|-------------------|--------|-----------------|---------------------|-------------------------------------|---|-----|-----|----|-----|-----------|------|-------|--------------|--------------|------|--------------|------------------------|---------------------------|------------------|
| TIME              | REEL   | SHOT<br>Pt. No. | RECORD<br>No.       | STREAMER DEPTH                      |   |     |     |    |     | GAIN (Db) |      |       | TRIP<br>DEL. | REC.<br>LGTH | FOLD | REP.<br>RATE | WATER<br>DEPTH<br>(Fm) | REMARKS                   | Inits.<br>of Obs |
|                   |        |                 |                     | 1                                   | 2   | 3   | 4   | 5  | 6   | INIT.     | RATE | FINAL |              |              |      |              |                        |                           |                  |
| 1014              | 240412 | 6652            | 63325               |                                     |   |     |     |    |     | 80        | 08   | 110   | 1.0          | 9            | 12   | 36           |                        | A rep rate to 36 min.     |                  |
| 1106              | ↓      | 6738            | 63453               |                                     |   |     |     |    |     |           |      |       | 0.8          |              |      |              |                        | A trip delay              |                  |
| 1115              | 240412 | 6754            | 63473               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | last shot                 |                  |
| 1118              | 240413 | 6759            | 63500               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | 1 <sup>st</sup> shot      |                  |
| 1119              |        | 6760            | 63501               | 54                                  | 70  | 100 | 144 | 15 | out | (31       |      | 33)   |              |              |      |              | 338                    | RC/RP                     |                  |
|                   |        | 6761            | 63502               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | NO T.B.                   |                  |
| 1120              |        | 6762            | 63503               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | continue.                 |                  |
| 1236              |        | 6888            | 63701               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | last shot.                |                  |
| 1238              |        | 6891            | 63704               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | 1 <sup>st</sup> shot.     |                  |
| 1238              | 240414 | 6892            | 63705               |                                     |   |     |     |    |     | (20       |      | 24)   |              |              |      |              | 306                    | RC/RP.                    |                  |
| 1239              |        | 6893            | 63706               | 50                                  | 70  | 100 | 145 | 65 | 100 |           |      |       |              |              |      |              |                        | NO T.B.                   |                  |
| 1239              |        | 6894            | 63707               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | Continue.                 |                  |
| 1305              |        | 6936            | 63761               |                                     |   |     |     |    |     |           |      |       | 0.5          |              |      |              |                        | A trip delay              |                  |
| 1357              |        | 7023            | 64110               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | Last shot.                |                  |
| 1358              |        | 7025            | 64112               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | 1 <sup>st</sup> shot.     |                  |
| 1359              | 240415 | 7026            | 64113               | 55                                  | 65  | 100 | 140 | 50 | 100 | (25       |      | 28)   |              |              |      |              | 102                    | RC/RP                     |                  |
| 1359              |        | 7027            | 64114               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | NO T.B.                   |                  |
| 1400              |        | 7028            | 64115               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | Continue.                 |                  |
| 1444              |        | 7101            | 64226               |                                     |   |     |     |    |     | 70        | 12   |       |              |              |      |              |                        | A int gain + dB/sec       |                  |
| 1453              |        | 7116            | 64245               |                                     |   |     |     |    |     | 67        | 10   |       |              |              |      |              |                        | " "                       |                  |
| 1455              |        | 7118            | 64247               |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | End GT2-15 cont           |                  |
|                   |        |                 |                     |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        | slow turn to 020°         |                  |
| 1457              |        | 7123            | 64254               |                                     |   |     |     |    |     |           |      | 100   |              | 16           |      |              |                        | A rec length + smt/2 min. |                  |
| 1509              | 240415 | 7142            | 64327               | 70                                  | 82  | 100 | 145 | 78 | 100 | 80        | 08   | 110   | 1.0          | 16           | 12   | 36           | 30                     | LAST SHOT, END            |                  |
|                   |        |                 |                     | IG 23-3 END MULTI CHANNEL RECORDING |   |     |     |    |     |           |      |       |              |              |      |              |                        | DFS RECORDING ON IG-23    |                  |
|                   |        |                 |                     |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        |                           |                  |
|                   |        |                 |                     |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        |                           |                  |
|                   |        |                 |                     |                                     |   |     |     |    |     |           |      |       |              |              |      |              |                        |                           |                  |