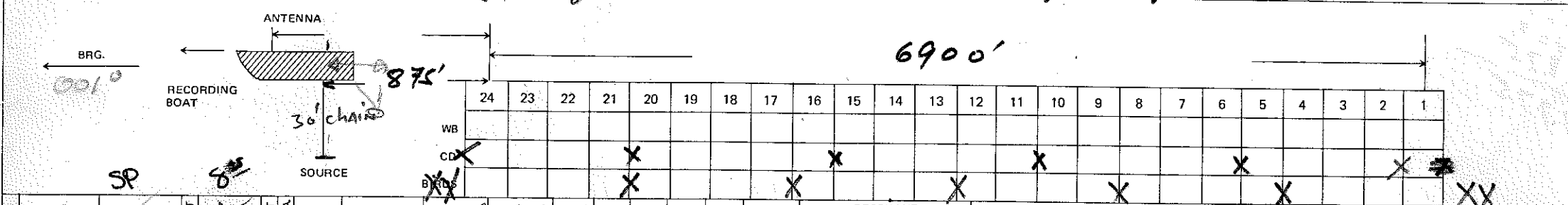


| UTMB MARINE DIGITAL OPERATORS REPORT | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--|---------------|--------------|--------------------------------|---------------------------------|--------------------|--|---------------------------|--|-----------------------|--|------------------------------------|--|-----------------------------------|--|----------------------|--|-----------------------------------|--|------------------|--|-----------|--|----------------|--|
| CRUISE NO. Eda Green 15-1 | | | LINE SE-1 | | AREA Southeast G a Embayment | | | LAT. LON. | | PROJECT SEga/21SGS | | | | DATE 16 16 MONTH 5 YEAR 75 | | | | | | | | | | | |
| FORM NO. | | AREA | | LINE | | CRUISE NO. | | SHOT SPACING | | GEOPHONE SPACING | | TRAC./ REC. | | NOM. CDP FOLD | | FT. VER. M. STK. | | D1 | | DL | | SPID INCR | | WATER VELOCITY | |
| 5 | | 13 | | 21 | | 25 | | 33 | | 41 | | 44 | | 47 | | 48 50 | | 56 | | 62 | | 66 | | 72 | |
| OFFICE USE | | | | | | | | | | | | | | | | | | | | | | | | | |
| SYSTEM DFS-10, om | | | | TAPE SPEED 22 1/2 IN./SEC. | | | | RECORD LENGTH 6.0 SECS | | | | BEARING SP. TO #1 181° #24 | | | | GEOPHONES | | | | REMARKS | | | | | |
| AMPS ↑ | | NO. OF CHANS. | | SAMPLE RATE 1 2 0 8 | | | | PACK DENS 312 BPI | | | | DISTANCE SP. TO #1 7775 #24 875 | | | | FREQ./TYPE Texaco | | | | 20 sec. REP RATE | | | | | |
| MODE Standard | | | | LO CUT 8 | | SLOPE 36 db/oct | | DIR. OF SHGT. S TO N | | | | FOLD 24 | | NO./STA. 20/stg | | SPACING 5' | | TIME BREAK IS LID MOVEMENT CON #3 | | | | | | | |
| FORMAT | | | | RECORD HI CUT OUT 70 | | SLOPE AT | | TYPE OPERATIONS | | | | FILL TIME | | PATTERN 100' Active, 200' DEAD | | | | | | | | | | | |
| OBSERVER Bunfler | | | | FILTERS | | NOTCH | | DEPTH OF SOURCE | | | | WATER TEMP. | | ARRAY DIMEN. | | | | | | | | | | | |
| CHANNEL NO. ON TAPE | | | | SOURCE 3- Bolt Mag 4200 gun | | | | SOURCE PATTERN N.A. | | | | STA. INT. 150ft | | POP. INT. 150ft | | POPS./MILE 30 | | | | | | | | | |
| BREAK | | | | TIMING WD. | | | | | | | | | | | | | | | | | | | | | |

[illegible]

16 May

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| CRUISE NO. | | LINE | | AREA | | LAT. | | PROJECT | | DATE | | | | | | | | | | | | | | | | | |
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| 1DA GREEN 15-1 | | SG-1 | | SOUTH EAST GEORGIA EMBANKMENT | | LAT. | | SEGA/USGS | | DAY 15 MONTH 5 YEAR 75 | | | | | | | | | | | | | | | | | |
| REEL NO. | S.P. ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARI- TY ERR. | NAV. REF. NO. | GEOPHONE STREAMER DEPTH | MODE | INIT. GAIN DB | RATE SPEED DB/SEC. | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | TRIP MODE | TRIP DELAY | REMARKS | | | |
| 1539 | 0413 | | | | | | | 624 | | | | 04 24 | | | | | | | | | | | | | not sure about last record # | | |
| 1540 | 418 | | | | | | 630 | | | | | 04 25 | | | | | | | | | | | | | | | |
| | 422 | | 634 | | | | | | | | | 04 27 | | | | | | | | | | | | | | S.P. 419 thru 426 MISSED - 427 - couldn't get RC/RP to work - turned out to be bad roll of photo-paper | |
| | 426 | | | | | | | | | | | 04 27 | | | | | | | | | | | | | | RC/RP | |
| | 431 | | 644 | | | | | | | | | 04 30 | | | | | | | | | | | | | | CONTINUE - something went wrong? | |
| | 437 | | 647 | | | | | | | | | 04 32 | | | | | | | | | | | | | | RC/RP | |
| | 443 | | 656 | | | | | | | | | | | | | | | | | | | | | | | CONTINUE - RAN OUT of paper | |
| | 446 | | 657 | | | | | | | | | 04 35 | | | | | | | | | | | | | | RC/RP - trying to get good record | |
| | 452 | | 665 | | | | | | | | | | | | | | | | | | | | | | | CONTINUE - still didn't get to work like | |
| | 457 | | 666 | | | | | | | | | | | | | | | | | | | | | | | RC/RP | |
| | 528 | | 774 | | | | | | | | | 05 02 | | | | | | | | | | | | | | e/c 357 04452 | |
| | 530 | | 775 | | | | | | | | | 05 03 | | | | | | | | | | | | | | CONTINUE | |
| | 638 | | 1151 | | | | | 1151 638 | | | | 05 38 | | | | | | | | | | | | | | RC/RP continue | |
| 1541 | 643 | | 1152 | | | | | | | | | 05 41 | | | | | | | | | | | | | | | |
| | 645 | | 1153 | | | | 1152 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 1352 | | | | | | | | | 06 23 | | | | | | | | | | | | | | | guns out |
| | 788 | | 1367 | | | | | | | | | 06 29 | | | | | | | | | | | | | | | guns ON { missed shot ensure of record # before after |
| 1541 | 800 | | 1476 | | | | | 0653 | | | | 06 53 | | | | | | | | | | | | | | CHANGE REP RATE TO 23sec because of low air pressure | |
| 1542 | 872 | | 1477 | | | | | | | | | 06 57 | | | | | | | | | | | | | | 0658 c/s 4 kts | |
| 1542 | 874 | | 1478 | | | | | | | | | 06 58 | | | | | | | | | | | | | | | heating problem in compressor engines - |
| | 903 | | 1532 | | | | | | | | | 07 09 | | | | | | | | | | | | | | guns out → back on | |

guns ON

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| CRUISE NO. | | LINE | | AREA | | LAT. | | LON. | | PROJECT | | DATE | | | | | | | | | | | |
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| 16151 | | SE-1 | | SE-GEORGIA | | feet | | USGS | | 16 DAY 09 MONTH 1975 YEAR | | | | | | | | | | | | | |
| REEL NO. | SP ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARI- TY ERR. | NAV. REF. | GEOPHONE STREAMER DEPTH | INIT. GAIN DB | RATE SPEED DB/SEC | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | TRIP MODE | TRIP DELAY | REMARKS |
| | | | | | | | | | | | | | | | 1 2 3 4 5 6 | MODE | | | | | | | |
| | | | | | | | | | | | | 08 08 | | | | | | | | | | | Filters 1-24 8/26 1-6 120/24; 7-12 120/out; 13-18 120/24; 19-24 120/out |
| 1542 | 1056 | | 1762 | | | | | | | | | 0807.47 | | | | | | | | | | | guns out |
| | 1060 | | 1767 | | | | | | | | | 08 09 | | | | | | | | | | | guns on |
| 1542 | 1078 | | 2010 | | | | | 2010 | | | | 08 16 | | | | | | | | | | | |
| 1543 | 1088 | | 2011 | | | | | 2011 | | | | 08 20 | | | | | | | | | | | START 1543 RC/RP |
| | 1090 | | 2012 | | | | | | | | | 09 39 | | | | | | | | | | | CONTINUE |
| 1543 | 1095 | | 2327 | | | | | | | | | 09 40 | | | | | | | | | | | LAST RECORD RL 1543 |
| 1544 | 1299 | | 2333 | | | | | | | | | 10 59 | | | | | | | | | | | FIRST RECORD RL 1544 RC/RP |
| | 1300 | | 2334 | | | | | | | | | | | | | | | | | | | | CONTINUE |
| 1544 | 1502 | | 2646 | | | | | | | | | | | | | | | | | | | | LAST RECORD Reel 1544 fix tape drive |
| 1545 | 1510 | | 2655 | | | | | | | | | | | | | | | | | | | | RC/RD |
| | 1511 | | 2656 | | | | | | | | | | | | | | | | | | | | no time break |
| | 1512 | | 2657 | | | | | | | | | 11 03 | | | | | | | | | | | continue |
| | 1663 | | 3106 | | | | | | | | | 12 01 | | | | | | | | | | | no time break |
| 1545 | 1713 | | 3170 | | | | | | | | | 12 20 | | | | | | | | | | | END |
| 1546 | 1717 | | 3174 | | | | | | | | | 12 21 | | | | | | | | | | | RC/RD - START |
| | 1719 | | 3175 | | | | | | | | | 12 22 | | | | | | | | | | | CONTINUE |
| | 1826 | | 3250 | | | | | | | | | 13 03 | | | | | | | | | | | DELAY GUN 2 3ms / GUN 3 - 6ms |
| | | | | | | | | | | | | 13 14 | | | 14 42 32 18 32 30 | | | | | | | | Depth - (streamer - have to 11 wires) |
| 1546 | 1922 | | 3510 | | | | | 3510 | | | | 13 40 | | | | | | | | | | | END REEL 1546 |
| 1547 | 1929 | | 3517 | | | | | 3517 | | | | 13 42 | | | | | | | | | | | ST #1547 RC/RP |
| | 1931 | | 3520 | | | | | | | | | 13 43 | | | | | | | | | | | CONTINUE |
| 1547 | 2136 | | | | | | | 4035 | | | | 15 02 | | | | | | | | | | | Start slow turn to new C/S 027° |

4 S.P.'s
possible correlation
with bleeding of
compressors - ??
every 45 min?

REL FIRE TIME
NOW 28 MS.

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| 16-15-1 | | SE-1 | | SE GEORGIA | | LON. | | USGS | | 16 MAY 75 | | | | | | | | | | | | | | |
| REEL NO. | S.P.# ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV/TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARI- TY ERR. | NAV. REF. NO. | GEOPHONE STREAMER DEPTH | | GAIN | | | | | | REMARKS | |
| | | | | | | | | | | | | | | | MODE | INIT. GAIN DB | RATE SPEED DB/SEC | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | TRIP MODE | TRIP DELAY | | |
| 1548 | 2145 | | | | | | 4036 | | | | | 15 05 | | | | | RGL | 53 | 15 | 94 | | .01 | | RC/RP |
| | 2146 | | 4037 | | | | | | | | | 15 05 | | | | | | | | | | | | CONT |
| | 2351 | | 4353 | | | | | 4353 | | | | 16 24 | | | | | | | | | | | | END OF 154 |
| 1549 | 2355 | | 4357 | | | | | | | | | 16 25 | | | | | | | | | | | | RC/RP - trouble with |
| | 2360 | | 4360 | | | | | | | | | 16 27 | | | | | | | | | | | | CONTINUE |
| | 2412 | | 0445 | | | | | | | | | 16 45 | | | | | | | | | | | | guide - fixed - tape off tape A - MISSED 2 |
| 1549 | | | | | | | | | | | | 17 45 | | | | | | | | | | | | 1745 C/C 020 |
| 1549 | 2566 | | 4676 | | | | | 4676 | | | | 17 46 | | | | | | | | | | | | END RL #1549 |
| 1550 | 2572 | | 4704 | | | | 4704 | | | | | 17 49 | | | | | | | | | | | | ST 1550 RC/RP |
| | 2574 | | 4705 | | | | | | | | | 17 49 | | | | | | | | | | | | CONTINUE |
| 1550 | 2781 | | 5224 | | | | | 5224 | | | | 18 09 | | | | | | | | | | | | END RL 1550 |
| 1551 | 2787 | | 5232 | | | | 5232 | | | | | 19 11 | | | | | | | | | | | | ST 1551 |
| | 2789 | | 5234 | | | | | | | | | 19 12 | | | | | | | | | | | | RC/RP |
| | 2791 | | 5235 | | | | | | | | | 19 13 | | | | | | | | | | | | CONTINUE |
| | 2791 | | | | | | | | | | | 20 22 | | | | | | | | | | | | 20292 Power off for |
| 1551 | 2999 | | 5552 | | | | | | | | | 20 35 | | | | | | | | | | | | END RL 1551 |
| 1552 | 3005 | | 5561 | | | | | | | | | 20 35 | | | | | | | | | | | | ST 1552 RC/RP |
| | 3007 | | 5562 | | | | | | | | | 20 35 | | | | | | | | | | | | CONTINUE |
| 1552 | 3211 | | 6077 | | | | | | | | | 21 54 | | | | | | | | | | | | END REEL 1552 |
| 1553 | 3224 | | 6114 | | | | | | | | | 21 58 | | | | | | | | | | | | START 1553 |
| | 3227 | | 6115 | | | | | | | | | 21 59 | | | | | | | | | | | | FIRST GOOD RC/RP |
| | | | | | | | | | | | | | | | | | | | | | | | | CONTINUE |

First Attempt At RC/RP NEGATIVE 23 SP'S BETWEEN FIRST GOOD RC/RP AND RC/RP R.E.

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| IG-15-1 | | SE-1 | | | | | | | | | | 16-17 MAY | | | | | | | | | | | | | | | | | | | |
| REEL NO. | ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARITY ERR. | NAV. REF. NO. | NAV. REF. S | GEOPHONE STREAMER DEPTH | | | | | | GAIN | | | | | | | | REMARKS | |
| | | | | | | | | | | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | MODE | INIT. GAIN DB | RATE SPEED DB/SEC | FINAL GAIN DB | AGC LEVEL | INPUT ATTN | TRIP MODE | TRIP DELAY | | |
| 1553 | 3432 | | 6431 | | | | | | | | | 23 18 | | | | | | | | | | | | | | | | | | | END RL 1553 |
| 1554 | 3436 | | 6432 | | | | | | | | | 23 20 | | | | | | | | | | | | | | | | | | | ST 1554 RC/RP |
| | 3438 | | 6433 | | | | | | | | | | | | | | | | | | | | | | | | | | | | CONTINUE |
| | 3455 | | 6454 | | | | | | | | | | | | | | | | | | | | | | | | | | | | NO TIME BK - SP 345 |
| | 3457 | | 6455 | | | | | | | | | | | | | | | | | | | | | | | | | | | | NO TIME BK |
| | 3458 | | 6456 | | | | | | | | | | | | | | | | | | | | | | | | | | | | CONTINUE - TIME BK ON |
| | 3467 | | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | TAPE OFF |
| | 3468 | | 6471 | | | | | | | | | 23 32 | | | | | | | | | | | | | | | | | | | TAPE OFF AIR GUNS MAIN POSSIBLE TRIP |
| | 3473 | | 6473 | | | | | | | | | 23 34 | | | | | | | | | | | | | | | | | | | TAPE ON 2 GUNS |
| | 3586 | | 6654 | | | | | | | | | | | | | | | | | | | | | | | | | | | | NO TB |
| | 3627 | | 6725 | | | | | | | | | 23 33 | | | | | | | | | | | | | | | | | | | NO TB |
| 1554 | 3642 | | 6744 | | | | | 6744 | | | | 23 39 | | | | | | | | | | | | | | | | | | | END REEL 1554 |
| 1555 | 3645 | | 6747 | | | | | 6747 | | | | 23 40 | | | | | | | | | | | | | | | | | | | RC/RP - Start reel 1555 |
| | 3647 | | 6750 | | | | | | | | | 23 41 | | | | | | | | | | | | | | | | | | | CONTINUE |
| | 3653 | | 6756 | | | | | | | | | 23 43 | | | | | | | | | | | | | | | | | | | plug came out |
| | 3655 | | 6760 | | | | | | | | | 23 44 | | | | | | | | | | | | | | | | | | | lost air gun temp - |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | CONTINUE |
| 1555 | 3853 | | 7266 | | | | | | | | | 02 00 | | | | | | | | | | | | | | | | | | | end 7 reel 1555 |
| 1556 | 3856 | | 7271 | | | | | | | | | 02 01 | | | | | | | | | | | | | | | | | | | RC/RP |
| | 3858 | | 7272 | | | | | | | | | 02 02 | | | | | | | | | | | | | | | | | | | CONTINUE |
| | | | | | | | | | | | | 02 50 | | | | | | | | | | | | | | | | | | | RAIN |
| 1556 | 4064 | | 7610 | | | | | | | | | 03 21 | | | | | | | | | | | | | | | | | | | 0250 - C/C 035° |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | LAST RECORD |
| 1557 | 4071 | | 7620 | | | | | | | | | 03 23 | | | | | | | | | | | | | | | | | | | RE/RP START REEL 1557 |
| | 4079 | | 7621 | | | | | | | | | 03 25 | | | | | | | | | | | | | | | | | | | CONTINUE |
| | | | | | | | | | | | | 03 40 | | | | | | | | | | | | | | | | | | | C/C 020° |

2349 C/C 017°

RUNNING ON
2 GUNS ONLY -
trying to
repair 2nd
gun - Burent out
electrical fitting

lost 2 records w/
NO TB. - 2K
Recorded records
but no record -

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| | | SE-1 | SE Georgia | LON | USGS | 17 | MAY | 75 | YEAR | | | | | | | | | | | | | | |
| REEL NO. | S.P. ENG. OR LOC. NO. | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | X TIME (Z) | PARI. TY ERR. | NAV. REF. NO. | GEOPHONE STREAMER DEPTH | MODE | INIT. GAIN DB | RATE SPEED DB/SEC | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | TRIP MODE | TRIP DELAY | REMARKS |
| 1557 | 4282 | 10140 | | | | | 10140 | | | | 04 44 | | | | 53 | 15 | 94 | | 0 | DBS | .01 | | End reel - 1557 |
| 1558 | 4287 | 10145 | | | | 10145 | | | | | 04 46 | | | | | | | | | | | | St. 1558 RC/RP |
| | 4289 | 10146 | | | | | | | | | 04 47 | | | | | | | | | | | | continue |
| 1558 | 4496 | 10464 | | | | | 10464 | | | | 06 07 | | | | | | | | | | | | End R.L. 1558 |
| 1559 | 4502 | 10473 | | | | 10473 | | | | | 06 09 | | | | | | | | | | | | St. 1559 Guns out momentarily; no T.B. |
| | 4508 | 10500 | | | | | | | | | 06 11 | | | | | | | | | | | | Guns on RC/RP |
| | 4509 | 10501 | | | | | | | | | 06 11 | | | | | | | | | | | | continue |
| 1559 | 4706 | 11005 | | | | | 11005 | | | | 07 27 | | | | | | | | | | | | End R.L. 1559 |
| 1560 | 4712 | 11013 | | | | 11013 | | | | | 07 30 | | | | | | | | | | | | St. 1560 RC/RP |
| | 4714 | 11014 | | | | | | | | | 07 30 | | | | | | | | | | | | continue |
| 1560 | 4919 | 11331 | | | | | 11331 | | | | 08 49 | | | | | | | | | | | | End 1560 |
| 1561 | 4925 | 11337 | | | | 11337 | | | | | 08 51 | | | | | | | | | | | | St. 1561 RC/RP |
| 1561 | 4927 | 11340 | | | | | | | | | 08 52 | | | | | | | | | | | | continue |
| 1561 | 5133 | 11656 | | | | | | | | | 10 10 | | | | | | | | | | | | LAST RECORD |
| 1562 | 5140 | 11665 | | | | | | | | | 10 13 | | | | | | | | | | | | Begin 1562 RC/RP |
| | 5141 | 11666 | | | | | | | | | 10 16 | | | | | | | | | | | | CONTINUE |
| | 5344 | 12202 | | | | | | | | | 11 01 | | | | | | | | | | | | LAST RECORD |
| 1563 | 5351 | 12205 | | | | | | | | | 11 34 | | | | | | | | | | | | Begin 1563 RC/RP |
| | 5353 | 12210 | | | | | | | | | 11 35 | | | | | | | | | | | | continue |
| 1563 | 5560 | 12527 | | | | | 12527 | | | | 11 54 | | | | | | | | | | | | end 1563 |
| 1564 | 5564 | 12530 | | | | 12530 | | | | | 12 56 | | | | | | | | | | | | begin 1564 RC/RP |
| | 5566 | 12531 | | | | | | | | | 12 57 | | | | | | | | | | | | continue |
| | | | | | | | | | | | 14 00 | | | | | | | | | | | | c/c 055° |
| 1564 | 5771 | 13046 | | | | | | | | | 14 15 | | | | | | | | | | | | end of reel 1564 |

Missed 6 S.P.
4; no T.B.

1216 c/c 052°

0196-13713

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| 16-15-1 | | SE-1 | | SE Georgia | | LAT. | | 0565 | | 17 MAY 75 | | | | | | | | | | | | | | | |
| REEL NO. | SP# 506 OR LOC. NO. | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARI- TY ERR. | NAV. REF. | GEOPHONE STREAMER DEPTH | IN | MODE | INIT. GAIN DB | RATE SPEED DB/SEC | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | TRIP MODE | TRIP DELAY | REMARKS | |
| 1565 | 5778 | 13055 | | | | | | | | | 14 18 | | | | | | | | | | | | | Start - RC/RP | |
| | 5781 | 13056 | | | | | | | | | 14 19 | | | | | | | | | | | | | CONTINUE | |
| | 5857 | 13171 | | | | | | | | | 14 43 | | | 20 | 35 | 33 | | | | | | | | NOT B. from guns? - tape going but no record - for a few shots | |
| | 5864 | 13200 | | | | | | | | | 14 49 | | | | | | | | | | | | | MISSED SHOTS - | |
| | 5869 | 13203 | | | | | | | | | 14 52 | | | | | | | | | | | | | 1st SHOT AFTER FAILURE | |
| | 5870 | 13204 | | | | | | | | | 14 53 | | | | | | | | | | | | | tried 36 GUNS 14532 - not end of air - #3 not | |
| | 5884 | 13222 | | | | | | | | | 04 58 | | | | | | | | | | | | | flaring at times - intermittently 10458 - 3 GUNS seem to be working ok flaring times leveling off - | |
| 1565 | 5986 | 13370 | | | | | | | | | 15 37 | | | | | | | | | | | | | end of Reel 1565 - tape ran out MAY have missed a few records before this | |
| 1566 | 5990 | 13374 | | | | | | | | | 15 39 | | | | | | | | | | | | | RC/RP - extra record # ?? why | |
| | 5992 | 13377 | | | | | | | | | 15 40 | | | | | | | | | | | | | CONTINUE | |
| | | | | | | | | | | | 15 55 | | | 154332 | 143430 | | | | | | | | | | slow delay time to ~18-40 sec compressor heating up, to keep compressors at low speed |
| 1566 | 6199 | 13716 | | | | | | | | | 17 00 | | | | | | | | | | | | | End of Reel | |
| 1567 | 6203 | 13722 | | | | | | | | | 17 01 | | | | | | | | | | | | | RC/RP - 1st of Reel 1567 | |
| | 6205 | 13723 | | | | | | | | | 17 01 | | | | | | | | | | | | | CONTINUE | |
| | 6209 | 13727 | | | | | | | | | 17 03 | | | | | | | | | | | | | Standby to fix tape on drive missed SP #6209+11 - Reel # 13722-13731 | |
| | 6212 | 13732 | | | | | | | | | 17 04 | | | | | | | | | | | | | CONTINUE OK | |
| 1567 | 6417 | 14257 | | | | | 14257 | | | | 18 23 | | | | | | | | | | | | | End RL 1567 | |
| 1568 | 6423 | 14266 | | | | 14266 | | | | | 18 24 | | | | | | | | | | | | | St. 1568 RC/RP | |
| | 6425 | 1467 | | | | | | | | | 18 25 | | | | | | | | | | | | | CONTINUE | |
| 1568 | 6633 | 14575 | | | | | 14575 | | | | 19 46 | | | | | | | | | | | | | End 1568 Tape ran out - possibly missed previous R.L. | |
| 1569 | 6641 | 14605 | | | | 14605 | | | | | 19 49 | | | | | | | | | | | | | RC/RP-6 St. RL 1569 | |
| | 6643 | 14606 | | | | | | | | | 19 50 | | | | | | | | | | | | | CONTINUE guns off missed SP 6644 then back on | |

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20 44 2 c/c 03:

ONE GUN ONLY, GOOD RECORD?

| | |
|--------------------|-------|
| BEGIN GOOD RECORDS | 36INS |
| TIME REFERENCE | |

NORMAL FIRE
LAST RECORD

Begin

RC/IRP

continue

№ 73

T/B

(Received preceding 3 shots)

end of reel - 1571

ST. RL 1572 KC/KD

Missed R.N. 15763' No T.B, continue

1st Account - reel 1572

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→ missed - 15' S.P. Machine placed
in Manual → Back on at SP. 8349
End RL 1577 C/C 040° @ 0700°
ST. 1578 RC/RP
Continue
end 1578
start 1579 RC/RP no film left
CONTINUE
RC/RP
CONTINUE

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| CRUISE NO. | | LINE | | AREA | | LAT. | | PROJECT | | DATE | | REMARKS | | | | | | | | | | | | | | | | | | | |
|------------|------------------|--------|--------------------|----------------|-------------|-------------------|------------------|-----------------|-----------|--------------------------|-----------|----------|------------|---------------|-----|-------------------------|---|---|---|---|---|----|------|---------------|-------------------|---------------|-----------|-------------|---|--------------------------------|---------|
| JG15-1 | | SE-1 | | | | | | USGS | | 18 DAY MAY MONTH 75 YEAR | | | | | | | | | | | | | | | | | | | | | |
| REEL NO. | ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV-TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARTY ERR. | NAV. REF. NO. | OUT | GEOPHONE STREAMER DEPTH | | | | | | IN | MODE | INIT. GAIN DB | RATE SPEED DB/SEC | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | TRIP MODE | TRIP DELAY | REMARKS |
| | | | | | | | | | | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | | | | |
| | 8804 | | 10724 | | | | | 10734 | | | | | | | | | | | | | | | | | | | | | lost SP's 8804-8809, while rethreading tape | | |
| | 8810 | | 10751 | | | | 10751 | | | | | " | | | | | | | | | | | | | | | | | continue | | |
| 1579 | 8878 | | 21201 | | | | | | | | | " | | | | | | | | | | | | | | | | | end | | |
| 1580 | 8983 | | 21205 | | 2 | | | | | | | " | | | | | | | | | | | | | | | | | start RC/RD | | |
| | 8985 | | 21207 | | | | | | | | | " | | | | | | | | | | | | | | | | | RC/RD | | |
| | 8987 | | 21210 | | | | | | | | | " | | | | | | | | | | | | | | | | | continue | | |
| | 91 | | 214 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | NOTB Bleeding | |
| | 9022 | | 21252 | | | | | | | | | | | | | | | | | | | | | | | | | | | AIRLINES | |
| | 9023 | | 21253 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9026 | | 21256 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 27 | | 21257 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 28 | | 21257 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9030 | | 21261 | | | | | | | | | | | | | | | | | | | | | | | | | | | continue good used | |
| 1580 | 9186 | | 21515 | | | | | | | | | | | | | | | | | | | | | | | | | | | end | |
| 1581 | 9189 | | 21521 | | | | | | | | | | | | | | | | | | | | | | | | | | | start RC/RD lower spring broke | |
| | 9192 | | 21522 | | | | | | | | | 12 | | | | | | | | | | | | | | | | | | continue | |
| 1581 | 9398 | | 22040 | | | | | 22040 | | | | 13 | | | | | | | | | | | | | | | | | | END RC 1581 | |
| 1582 | 9401 | | 22043 | | | | 9401 | | | | | 13 | | | | | | | | | | | | | | | | | | START RC/RD | |
| | 9402 | | 22044 | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | NO TB | |
| | 9403 | | 22045 | | | | | | | | | | | | | | | | | | | | | | | | | | | CONTINUE | |
| | | | | | | | | | | | | 14 | | | | | | | | | | | | | | | | | | putting 2nd monitor on TRAC-22 | |
| 1582 | 9510 | | 2220 | | | | | | | | | 00 | | | | | | | | | | | | | | | | | | | |
| 1582 | 9610 | | 22364 | | | | | | | | | 14 | | | | | | | | | | | | | | | | | | end 7 reel | |

c/c 040 1445Z

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| CRUISE NO. | | | LINE | | AREA | | LAT. | | PROJECT | | DATE | | | | | | | | | | | | | | | |
|------------|------------------|--------|--------------------|-----------------|-------------|-------------------|------------------|-----------------|------------|-----------|--------------------------|----------|-------------|-----------|-----|-------------------------|--|--|--|------|--|------|---------------|-------------------|---------------|----------------------------|
| 16-15-1 | | | SE-1 | | | | LON. | | USGS | | 18 DAY MAY MONTH 75 YEAR | | | | | | | | | | | | | | | |
| REEL NO. | ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARITY ERR. | NAV. REF. | | GEOPHONE STREAMER DEPTH | | | | GAIN | | | | | | REMARKS |
| | | | | | | | | | | | | | | NO. | L/S | | | | | | | MODE | INIT. GAIN DB | RATE SPEED DB/SEC | FINAL GAIN DB | |
| 1583 | 9614 | | 22370 | | | | | | | | | 14 48 | | | | | | | | | | | | | | start RC/RP |
| | 9616 | | 22371 | | | | | | | | | 14 49 | | | | | | | | | | | | | | CONTINUE |
| 1583 | 9823 | | 22710 | | | | | | | | | 16 08 | | | | | | | | | | | | | | end - |
| 1584 | 9826 | | 22713 | | | | | | | | | 16 10 | | | | | | | | | | | | | | RC/RP - start |
| 1584 | 9828 | | 22714 | | | | | | | | | 16 10 | | | | | | | | | | | | | | CONTINUE |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 16532 - C/C 055° |
| | 9952 | | 23146 | | | | | | | | | | | | | | | | | | | | | | | 1700, A trip delay on gain |
| | | | | | | | | | | | | | | | | | | | | | | | | | | No time break |
| 1584 | 0033 | | 23231 | | | | | 23231 | | | | 17 29 | | | | | | | | | | | | | | END TAPE 1584 |
| 1585 | 0039 | | 23237 | | | | | 23237 | | | | 17 31 | | | | | | | | | | | | | | START 1585 RC/RP |
| | 0041 | | 23240 | | | | | | | | | | | | | | | | | | | | | | | CONTINUE |
| 1585 | 0249 | | 23560 | | | | | 23560 | | | | 18 52 | | | | | | | | | | | | | | End 1585 |
| 1586 | 0254 | | 23565 | | | | | 23565 | | | | 18 53 | | | | | | | | | | | | | | ST. 1585 RC/RP |
| | 0256 | | 23566 | | | | | | | | | 18 54 | | | | | | | | | | | | | | continue |
| | | | | | | | | | | | | 19 05 | | | | | | | | | | | | | | C/C 060° @ 1 |
| 1586 | 0467 | | 24111 | | | | | | | | | 20 16 | | | | | | | | | | | | | | End 1586 |
| 1587 | 0471 | | 24115 | | | | | | | | | 20 17 | | | | | | | | | | | | | | ST. 1587 RC/RP |
| | 0472 | | 24116 | | | | | | | | | 20 18 | | | | | | | | | | | | | | continue |
| | 0651 | | 24109 | | | | | | | | | 20 29 | | | | | | | | | | | | | | NOTB |
| | 0660 | | 24401 | | | | | | | | | 20 29 | | | | | | | | | | | | | | CONTINUE |
| | 661 | | 24412 | | | | | | | | | | | | | | | | | | | | | | | NOTB |
| | 663 | | 24413 | | | | | | | | | | | | | | | | | | | | | | | 2 GUNS |
| | 665 | | 24415 | | | | | | | | | | | | | | | | | | | | | | | 1 GUN |
| | 666 | | 24416 | | | | | | | | | 21 32 | | | | | | | | | | | | | | NOTB |

9813-22676

64

Bleeding
AIR GUN AIR
LINES, DFS
Set on standby
for one shot that

All 3 guns wound off 1 SP then
CONTINUE

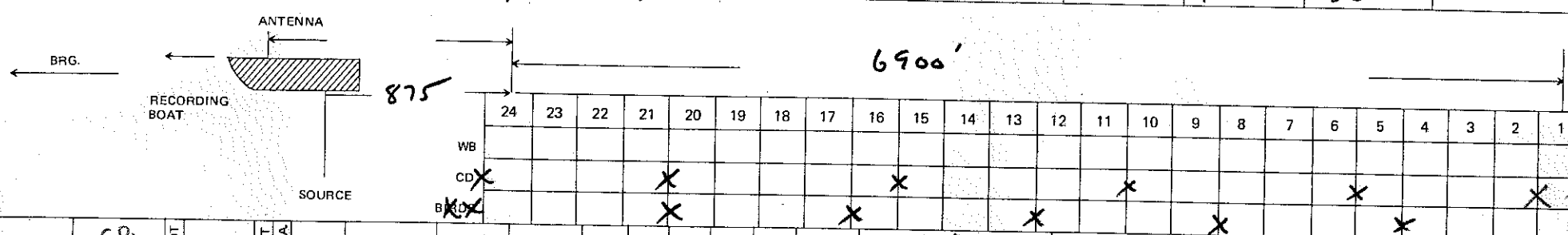
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Rep. rate - 22 sec.
3. Air guns

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|------------|---------------------------|--------|--------------------------|--------------------|----------------|-------------------------|------------------------|-----------------------|---------------|------------------------|--------------|-------------|---------------------|-------------------------|----------------------------|---------------------|-------------------------|---------------------|--------------|---------------|--------------|---------------|---------|------------------------------|--|--|
| IG 15-1 | | SE-2 | | SE. Georgia | | | | USGS | | DAY 19 MONTH 5 YEAR 75 | | | | | | | | | | | | | | | | |
| REEL NO. | SP ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARI- TY ERR. | NAV. REF. NO. L/S | GEOPHONE STREAMER DEPTH | | | | GAIN | | | | REMARKS | | | |
| | | | | | | | | | | | | | | | MODE | INIT. GAIN DB | RATE SPEED DB/SEC | FINAL GAIN DB | AGC LEVEL | INPUT ATTN | TRIP MODE | TRIP DELAY | | | | |
| 1591 | 365 | | 552 | | | | | | | | | 19 15 | | | | | | | | | | | | continue | | |
| 1591 | 543 | | 1034 | | | | | 1034 | | | | 20 44 | | | | | | | | | | | | END | | |
| 1592 | 547 | | 1040 | | | | 1040 | | | | | 20 45 | | | | | | | | | | | | RC/RP START | | |
| 1592 | 548 | | 1041 | | | | | | | | | 20 46 | | | | | | | | | | | | Continue | | |
| | 595 | | 1120 | | | | | | | | | 21 10 | | | | | | | | | | | | 2110 ^{GMT} Set trip | | |
| | | | | | | | | | | | | | | | | | | | | | | | | Delay to 15 sec | | |
| 1592 | 724 | | 1321 | | | | | | | | | 22 14 | | | | | | | | | | | | | LAST RECORD | |
| 1593 | 728 | | 1325 | | | | | | | | | 22 17 | | | | | | | | | | | | | Begin Reel 1593 RC/RP | |
| | 729 | | 1326 | | | | | | | | | 22 17 | | | | | | | | | | | | | continue | |
| 1593 | 738 | | 1336 | | | | | | | | | 22 21 | | | | | | | | | | | | | * CHANG REP RATE to 23 SEC | |
| 1593 | 905 | | 1605 | | | | | | | | | 23 23 | | | | | | | | | | | | | WAS 30 | |
| 1594 | 913 | | 1615 | | | | | | | | | 23 28 | | | | | | | | | | | | | speed increased | |
| | 915 | | 1616 | | | | | | | | | 23 29 | | | | | | | | | | | | | to ~4 AS come | |
| | | | | | | | | | | | | | | | | | | | | | | | | | out of Gulf Stream | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1594 | 1094 | | 2102 | | | | | | | | | 00 58 | | | | | | | | | | | | | LAST RECORD | |
| 1595 | 1100 | | 2106 | | | | | | | | | 00 39 | | | | | | | | | | | | | Begin 1596 RC/RP | |
| | 1102 | | 2107 | | | | | | | | | 00 40 | | | | | | | | | | | | | CONTINUE | |
| 1595 | 1280 | | 2371 | | | | | | | | | 01 49 | | | | | | | | | | | | | 0100 o/c 297° | |
| 1596 | 1284 | | 2375 | | | | | | | | | 01 50 | | | | | | | | | | | | | LAST | |
| | 1286 | | 2376 | | | | | | | | | 01 51 | | | | | | | | | | | | | RC/RP - start | |
| | | | | | | | | | | | | 01 52 | | | | | | | | | | | | | CONTINUE | |
| | | | | | | | | | | | | | | | | | | | | | | | | | Δ trip delay to .05 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | (for gain channel) | |
| | | | | | | | | | | | | | | | | | | | | | | | | | Δ channel #1 to 6 db attenuation - Not | |
| | | | | | | | | | | | | | | | | | | | | | | | | | performing well | |
| | | | | | | | | | | | | | | | | | | | | | | | | | Δ Gain settings | |
| | | | | | | | | | | | | | | | | | | | | | | | | | coming up fast on shelf edge | |
| 1333 | 2454 | | | | | | | | | | | 02 10 | | | | | | | | | | | | | | |

PGC 59 10 98

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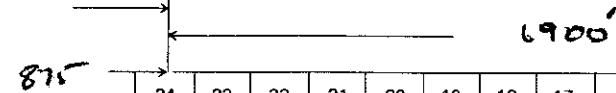
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| CRUISE NO. I6-15-1 | | LINE SE-2 | | AREA SE-Georgia | | LAT. _____ | | PROJECT USGS | | DATE DAY 20 MONTH May YEAR 75 | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------------|-----------|--------------------|-----------------|-------------|-------------------|------------------|-----------------|------------|-------------------------------|-----------|----------|-------------|---------------|-------------------------|---|---|---|---|---|------|---------------|-------------------|---------------|-----------|-------------|-----------|------------|---------|---|---|
| REEL NO. | ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV-TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARITY ERR. | NAV. REF. NO. | GEOPHONE STREAMER DEPTH | | | | | | MODE | INIT. GAIN DB | RATE SPEED DB/SEC | GAIN | | | TRIP MODE | TRIP DELAY | REMARKS | | |
| | | | | | | | | | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | | | | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | | | | | |
| 1596 | 1466 | | 2661 | | | | | | | | | 03 | | | | | | | | | | | | | | | | | | LAST RECORD .01 TRIP DELAY | |
| 1597 | 1471 | | 2663 | | | | | | | | | 03 | | | | | | | | | | | | | | | | | | RE/RP | |
| 1597 | 1473 | | 2666 | | | | | | | | | 03 | | | | | | | | | | | | | | | | | | Continue | |
| | 1527 | | 2754 | | | | | | | | | 03 | | | | | | | | | | | | | | | | | | | |
| 1597 | 1651 | | 3150 | | | | | | | | | 04 | | | | | | | | | | | | | | | | | | End reel | |
| 1598 | 1654 | | 3153 | | | | | | | | | 04 | | | | | | | | | | | | | | | | | | RC/RP + START (station record) (ran out of paper) | |
| | 1656 | | 3154 | | | | | | | | | 04 | | | | | | | | | | | | | | | | | | CONTINUE | |
| 1598 | 1831 | | 3433 | | | | | 3433 | | | | 05 | | | | | | | | | | | | | | | | | | | End 1598 |
| 1599 | 1832 | | 3441 | | | | | 3441 | | | | 05 | | | | | | | | | | | | | | | | | | | St. 1599 RC/RP |
| | 1839 | | 3442 | | | | | | | | | 05 | | | | | | | | | | | | | | | | | | | Continue |
| 1599 | 2016 | | 3723 | | | | | 3723 | | | | 06 | | | | | | | | | | | | | | | | | | | End 1599 |
| 1600 | 2021 | | 3730 | | | | | 3730 | | | | 06 | | | | | | | | | | | | | | | | | | | St. 1600 RC/RP |
| | 2023 | | 3731 | | | | | | | | | 06 | | | | | | | | | | | | | | | | | | | Continue |
| 1600 | 2032 | | 3742 | | | | | | | | | 06 | | | | | | | | | | | | | | | | | | | C/C 305° @ 0637Z |
| 1600 | 2201 | | 4213 | | | | | | | | | 07 | | | | | | | | | | | | | | | | | | | Finish 1600 |
| 1601 | 2205 | | 4217 | | | | | | | | | 07 | | | | | | | | | | | | | | | | | | | RC/RP + start 1601 Missed SP. 2206-2208 |
| | 2209 | | 4220 | | | | | | | | | 07 | | | | | | | | | | | | | | | | | | | Continue |
| 1601 | 2357 | | 4502 | | | | | | | | | 08 | | | | | | | | | | | | | | | | | | | C/C 310° End 1601 |
| 1602 | 2372 | | 4507 | | | | | | | | | 08 | | | | | | | | | | | | | | | | | | | RC/RP 1602 |
| 1602 | 2394 | | 4510 | | | | | | | | | 08 | | | | | | | | | | | | | | | | | | | Continue |
| 1602 | 2570 | | 4770 | | | | | | | | | 09 | | | | | | | | | | | | | | | | | | | Last Record 1602 |
| 1603 | 2575 | | 4775 | | | | | | | | | 09 | | | | | | | | | | | | | | | | | | | START RC/RP |
| | 2577 | | 4776 | | | | | | | | | 09 | | | | | | | | | | | | | | | | | | | CONTINUE |
| 1623 | 2751 | | 6253 | | | | | | | | | 11 | | | | | | | | | | | | | | | | | | | END TAPE 2751 |

END LINE SE-2

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Rep. Rate - 23
3 AIR GUNS



| | |
|---------------------------|---------|
| START 1604 Rep Route = 23 | |
| RC/RP 1604 | |
| Continue | |
| C/C 120° | |
| C/C 115° | |
| C/C 110° | |
| End 1604 | |
| st. 1605 RC/RP | ← Port |
| continue | Galileo |
| missed | light |

739 1331

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| 16-15-1 | | SE-3 | | SE-Georgia | | | | USGS | | DAY 21 MONTH MAY YEAR 75 | | | | | | | | | | | | | | | | | |
| REEL NO. | ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV-TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARI-TY ERR. | NAV. REF. NO. | GEOPHONE STREAMER DEPTH | | | | GAIN | | | | | | | | REMARKS |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1610 | 1102 | | 2101 | | | | | | | | | 00 | | | | | | | | | | | | | | | |
| | 1104 | | 2102 | | | | | | | | | 00 | | | | | | | | | | | | | | | |
| 1610 | 1281 | | 1363 | | | | | | | | | 01 | | | | | | | | | | | | | | | |
| 1611 | 1286 | | 1370 | | | | | | | | | 01 | | | | | | | | | | | | | | | |
| 1611 | 1288 | | 1371 | | | | | | | | | 01 | | | | | | | | | | | | | | | |
| 1611 | 1465 | | 2652 | | | | | | | | | 02 | | | | | | | | | | | | | | | |
| 1612 | 1469 | | 2656 | | | | | | | | | 02 | | | | | | | | | | | | | | | |
| | 1471 | | 2657 | | | | | | | | | 02 | | | | | | | | | | | | | | | |
| 1612 | 1650 | | 3142 | | | | | | | | | 03 | | | | | | | | | | | | | | | |
| 1613 | 1653 | | 3145 | | | | | | | | | 04 | | | | | | | | | | | | | | | |
| | 1655 | | 3146 | | | | | | | | | 04 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 04 | | | | | | | | | | | | | | | |
| 1613 | 1808 | | 3377 | | | | | | | | | 05 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 00 | | | | | | | | | | | | | | | |

Begin 1610 RC/RP

continue

END LAST RECORD

RC/RP

CONTINUE NOTE REEL 1611

END

RC/RP - start

CONTINUE

end

RC/RP

Continue

noticed lot of overdrive in records -
A trip delay on gain to .2 sec

End 1613 10 min left on tape

81

1366

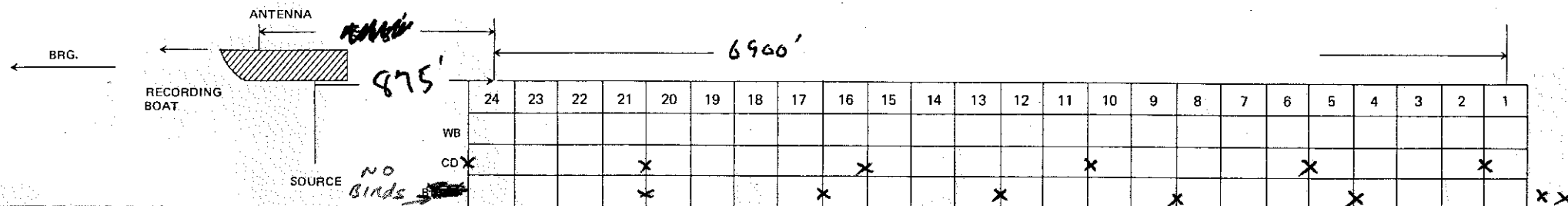
WRONG SIDE OUT ?

5582 94

PAGE 19 OF _____ PAGES

25
26

Rep. rate - 20
GUNS - 3



| | |
|----------------------------|--|
| ATTENUATION ON 1st TRACE | |
| COMPRESSOR SHUT-DOWN, NOTB | |
| BEGIN Shorting | |
| LAST RECORD | |
| RC/RP | |
| Continue | |

793 - RL

20

UTMB MARINE DIGITAL OPERATORS REPORT

PAGE 17 OF 17 PAGES

CRUISE NO. **IDA GREEN 15-1** LINE **SE-4** AREA **SE GEORGIA** LAT. **31°-31'** **START** **-80-35'** PROJECT **USGS** DATE **DAY 23 MONTH MAY YEAR 75**

| REEL NO. | SP ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV/TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARI- TY ERR. | NAV. REF. NO. | L/S | GEOPHONE STREAMER DEPTH | | | | | | MODE | INIT. GAIN DB | RATE SPEED DB/SEC. | FINAL GAIN DB | AGC LEVEL | INPUT ATTN | TRIP MODE | TRIP DELAY | REMARKS |
|----------|---------------------------|--------|--------------------------|-------------------|----------------|-------------------------|------------------------|-----------------------|---------------|--------------|--------------|-------------|---------------------|---------------------|-----|----------------------------|---|---|---|---|---|------|---------------------|--------------------------|---------------------|--------------|---------------|--------------|---------------|----------------------------|
| | | | | | | | | | | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | | | |
| 1615 | 410 | | 551 | | | | | | | | | 00 | | | | | | | | | | | | | | | | | | LAST RECORD |
| 1616 | 415 | | 556 | | | | | | | | | 18 | | | | | | | | | | | | | | | | | | Begin RC/RP |
| 1616 | 417 | | 557 | | | | | | | | | 19 | | | | | | | | | | | | | | | | | | CONTINUE |
| 1616 | 608 | | 1056 | | | | | | | | | 20 | | | | | | | | | | | | | | | | | | CHANGE ATTEN 1st TRACE=3 |
| | | | | | | | | | | | | 00 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 21 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 01 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 05 | | | | | | | | | | | | | | | | | | |
| 1616 | 609 | | 1056 | | | | | | | | | 01 | | | | | | | | | | | | | | | | | | LAST RECORD |
| 1617 | 614 | | 1064 | | | | | | | | | 24 | | | | | | | | | | | | | | | | | | RC/RP |
| | 615 | | 1065 | | | | | | | | | 01 | | | | | | | | | | | | | | | | | | CONTINUE |
| | 630 | | 1103 | | | | | | | | | 26 | | | | | | | | | | | | | | | | | | paper jammed |
| | | | | | | | | | | | | 01 | | | | | | | | | | | | | | | | | | |
| | 633 | | 1104 | | | | | | | | | 31 | | | | | | | | | | | | | | | | | | RC/RP |
| | | | | | | | | | | | | 01 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 32 | | | | | | | | | | | | | | | | | | CONTINUE |
| 1617 | 793 | | 1344 | | | | | | | | | 02 | | | | | | | | | | | | | | | | | | END |
| 1618 | 797 | | 1350 | | | | | | | | | 26 | | | | | | | | | | | | | | | | | | RC/RP - |
| | 799 | | 1351 | | | | | | | | | 02 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 27 | | | | | | | | | | | | | | | | | | CONT. |
| 1618 | 978 | | 1634 | | | | | | | | | 03 | | | | | | | | | | | | | | | | | | LAST RECORD |
| 1619 | 982 | | 1640 | | | | | | | | | 27 | | | | | | | | | | | | | | | | | | |
| | 984 | | 1641 | | | | | | | | | 03 | | | | | | | | | | | | | | | | | | RC/RP |
| | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | | CONTINUE |
| 1619 | 1162 | | 2123 | | | | | | | | | 04 | | | | | | | | | | | | | | | | | | END |
| | | | | | | | | | | | | 28 | | | | | | | | | | | | | | | | | | |
| 1620 | 1169 | | 2131 | | | | | | | | | 04 | | | | | | | | | | | | | | | | | | NO T.B - MISSED RECORD # - |
| | 1171 | | 2132 | | | | | | | | | 31 | | | | | | | | | | | | | | | | | | RC/RP |
| | | | | | | | | | | | | 04 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 32 | | | | | | | | | | | | | | | | | | CONTINUE |
| 1620 | 1351 | | 2416 | | | | | | | | | 05 | | | | | | | | | | | | | | | | | | End RL 1620 |
| | | | | | | | | | | | | 32 | | | | | | | | | | | | | | | | | | |
| 1621 | 1355 | | 2422 | | | | | | | | | 05 | | | | | | | | | | | | | | | | | | ST. RL 1621 RC/RP |
| | | | | | | | | | | | | 33 | | | | | | | | | | | | | | | | | | |
| | 1356 | | 2423 | | | | | | | | | 05 | | | | | | | | | | | | | | | | | | CONTINUE |
| | | | | | | | | | | | | 33 | | | | | | | | | | | | | | | | | | |
| 1621 | 1536 | | 2706 | | | | | | | | | 06 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 33 | | | | | | | | | | | | | | | | | | |
| | 1540 | | 2712 | | | | | | | | | 06 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 34 | | | | | | | | | | | | | | | | | | |

(Actual speed has been ~ 5 kts)

← NO T.B - MISSED RECORD # -

missed sp. 1540 tape speed not up.

✓ streamer length?

UTMB MARINE DIGITAL OPERATORS REPORT

PAGE 21 OF 21 PAGES

| UTMB MARINE DIGITAL OPERATORS REPORT | | | | | | | | | | | | | | | | | | | | PAGE 21 OF _____ PAGES | | | | | | | | | | | | |
|--------------------------------------|------------------|--------|--------------------|-----------------|-------------|-------------------|------------------|-----------------|------------|--------------------------|-----------|----------|------------|---------------|-----|-------------------------|---------------|-------------------|---------------|------------------------|-------------|-----------|------------|--|--|--|--|---------|--|--|----------------------|-------------------------------|
| CRUISE NO. | | LINE | | AREA | | LAT. | | PROJECT | | DATE | | | | | | | | | | | | | | | | | | | | | | |
| IG-15-1 | | SE-4 | | S.E. Georgia | | LON. | | USGS | | DAY 23 MONTH MAY YEAR 75 | | | | | | | | | | | | | | | | | | | | | | |
| REEL NO. | ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARTY ERR. | NAV. REF. NO. | L/S | GEOPHONE STREAMER DEPTH | | | | GAIN | | | | | | | | REMARKS | | | | |
| | | | | | | | | | | | | | | | | MODE | INIT. GAIN DB | RATE SPEED DB/SEC | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | TRIP MODE | TRIP DELAY | | | | | | | | | |
| 1622 | 1543 | | 2713 | | | | | | | | | 06 35 | | | | | | | | | | | | | | | | | | | RC/RP | |
| 1622 | 1544 | | 2716 | | | | | | | | | 06 36 | | | | | | | | | | | | | | | | | | | Continue | |
| 1622 | 1719 | | 2173 | | | | | 2173 | | | | 07 30 | | | | | | | | | | | | | | | | | | | End 1622 | |
| 1623 | 1724 | | 3200 | | | | 3200 | | | | | 07 36 | | | | | | | | | | | | | | | | | | | St. 1623 RC/RP | |
| 1623 | 1726 | | 3201 | | | | | | | | | 07 43 | | | | | | | | | | | | | | | | | | | continue | |
| 1623 | 1844 | | 3367 | | | | | | | | | 08 16 | | | | | | | | | | | | | | | | | | | C/C 140° @ 0743 | |
| 1623 | 1847 | | 3372 | | | | | | | | | 08 16 | | | | | | | | | | | | | | | | | | | Missed turn break | |
| 1623 | 1857 | | 3406 | | | | | | | | | 08 21 | | | | | | | | | | | | | | | | | | | Missed turn break | |
| 1623 | 1912 | | 3474 | | | | | | | | | 08 38 | | | | | | | | | | | | | | | | | | | C/C 155°-end 1623 | |
| 1624 | 1916 | | 3504 | | | | | | | | | 08 40 | | | | | | | | | | | | | | | | | | | rcrp | |
| 1624 | 1917 | | 3501 | | | | | | | | | 08 41 | | | | | | | | | | | | | | | | | | | | |
| 1624 | 1918 | | 3502 | | | | | | | | | 08 41 | | | | | | | | | | | | | | | | | | | Continue 1624 | |
| 1624 | 2096 | | 3763 | | | | | | | | | 09 40 | | | | | | | | | | | | | | | | | | | Imp delay .05 - Gain | |
| 1625 | 2102 | | 3771 | | | | | | | | | 09 42 | | | | | | | | | | | | | | | | | | | LAST RECORD | |
| 1625 | 2104 | | 3772 | | | | | | | | | 09 42 | | | | | | | | | | | | | | | | | | | Begin RCRP | |
| 1625 | | | | | | | | | | | | 09 45 | | | | | | | | | | | | | | | | | | | | CONTINUE DATA EXTREME |
| 1625 | 2247 | | 4153 | | | | | | | | | 10 20 | | | | | | | | | | | | | | | | | | | | DATA NOISY 0940-0945 |
| 1625 | 2257 | | 4177 | | | | | | | | | 10 20 | | | | | | | | | | | | | | | | | | | | Change Rep Rate 27 sec |
| 1625 | 2279 | | 4251 | | | | | | | | | 10 28 | | | | | | | | | | | | | | | | | | | | NO T.B. |
| 1626 | 2283 | | 4255 | | | | | | | | | 10 29 | | | | | | | | | | | | | | | | | | | | LAST RECORD |
| 1626 | 2285 | | 4256 | | | | | | | | | 10 29 | | | | | | | | | | | | | | | | | | | | Begin 1626 RCRP |
| 1626 | 2454 | | 4526 | | | | | | | | | 10 29 | | | | | | | | | | | | | | | | | | | | CONTINUE |
| 1626 | | | | | | | | | | | | 10 29 | | | | | | | | | | | | | | | | | | | | GAIN CHANGE TRIP DELAY TO .30 |

Change Rep Rate

REPRATE 120
↓ 27

27 Rep

27 2.2

UTMB MARINE DIGITAL OPERATORS REPORT

PAGE 22 OF 22 PAGES

| CRUISE NO. I6-15-1 | | LINE SE-4 | | AREA SE. GEORGIA | | LAT. 30° 53.0' LON. -79° 23.7' | | PROJECT USGS | | DATE DAY 23 MONTH MAY YEAR 75 | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------------|-----------|--------------------|------------------|-------------|--------------------------------|------------------|-----------------|-----------|-------------------------------|-----------|----------|---------------|---------------|-------------------------|---|---|---|---|---|------|---------------|-------------------|---------------|-----------|-------------|-----------|------------|------------------|--|
| REEL NO. | ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARI. TY ERR. | NAV. REF. NO. | GEOPHONE STREAMER DEPTH | | | | | | GAIN | | | | | | REMARKS | | | |
| | | | | | | | | | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | MODE | INIT. GAIN DB | RATE SPEED DB/SEC | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | TRIP MODE | TRIP DELAY | | |
| 1626 | 2462 | | 4537 | | | | | | | | | 12 | | | | | | | | | | | | | | | | | LAST RECORD | |
| 1627 | 2467 | | 4549 | | | | | | | | | 12 | | | | | | | | | | | | | | | | | BEGIN 1627 RC/RP | |
| 1627 | 2469 | | 4545 | | | | | | | | | 12 | | | | | | | | | | | | | | | | | CONTINUE | |
| | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | |
| 1627 | 2648 | | 5030 | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | END |
| 1628 | 2652 | | 5034 | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | START - RC/RP |
| | 2654 | | 6036 | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | CONTINUE |
| | 2664 | | 6050 | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | check |
| | | | | | | | | | | | | 14 | | | | | | | | | | | | | | | | | | change gain trip delay to .50 sec - |
| | | | | | | | | | | | | 14 | | | | | | | | | | | | | | | | | | almost 400 f - |
| | 2806 | | | | | | | | | | | 14 | | | | | | | | | | | | | | | | | | change rep. rate - 23 - 90Wg ~ 4.2 kts |
| 1628 | 2831 | | 5317 | | | | | | | | | 14 | | | | | | | | | | | | | | | | | | LAST RECORD |
| 1629 | 2836 | | 5324 | | | | | | | | | 14 | | | | | | | | | | | | | | | | | | RC/RP |
| | 2838 | | 5325 | | | | | | | | | 14 | | | | | | | | | | | | | | | | | | CONTINUE |
| | 2961 | | 5520 | | | | | | | | | 16 | | | | | | | | | | | | | | | | | | check |
| 1629 | 3015 | | 5606 | | | | | | | | | 05 | | | | | | | | | | | | | | | | | | end of reel 1629 - SE-4 |

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| UTMB MARINE DIGITAL OPERATORS REPORT | | | | | | | | | | | | | | | | | | | | | | | | | PAGE <u>23</u> OF <u> </u> PAGES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------|--------|--------------------|--------|---|--------------------|------------------|-----------------|-----------|-------------------------------|-----------|----------|-------------|---------------|---|----|----|----|-----|---------------------------------------|------|---------------|--------------------|---------------|---|-------------|-----------|------------|--|---|------------|--------|--------------------|--------|-------------------------|--------------------|------------------|-----------------|-----------|---------------------------------------|-----------|----------|-------------|---------------|------------------------------|----|----|----|----|--------------|------|---------------|--------------------|---------------|---------------------|-------------|-----------|------------|---------|--------------------------|---|---|---|---|---|------|------|--|------|--|--|--|--|----|--|--|--|-------|--|--|--|----|----|----|-----|----|----|----|--|--|--|--|-----|-----|------------------------|--|---|--|---|--|--|--|--|--|--|--|----|-------|--|--|---|--|--|--|---|--|--|--|--|---|--|--|---|--|-------|--|---|--|---|--|--|--|--|--|--|--|--|-------|-------|--|--|--|---|--|--|---|--|--|--|--|---|--|--|---|---------|---|---|--|---|----|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|--|----|--|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|-----|--|-----|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----|------|-----|--|-----|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|--|-----|--|-----|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| CRUISE NO. <u>IDA GREEN 15-1</u> | | | | | LINE <u>SE-5</u> | | | | | AREA <u>SE. GEORGIA</u> | | | | | LAT. <u>start</u> LON. <u> </u> | | | | | PROJECT <u>U.S.G.S</u> | | | | | DATE <u>24</u> MAY <u>MAY</u> YEAR <u>75</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FORM NO. <u>5</u> | | | | | AREA <u>13</u> | | | | | LINE <u>21</u> | | | | | CRUISE NO. <u>25</u> | | | | | SHOT SPACING <u>33</u> | | | | | GEOPHONE SPACING <u>41</u> | | | | | TRAC./REC. <u>44</u> | | | | | NOM. CDP FOLD <u>47</u> | | | | | FT. VER. M. ST K. <u>48 50</u> | | | | | D1 <u>56</u> | | | | | DL <u>62</u> | | | | | SPID INCR <u>66</u> | | | | | WATER VELOCITY <u>72</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OFFICE USE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SYSTEM <u>D.F.S.</u> | | | | | TAPE SPEED <u>225</u> IN./SEC. | | | | | RECORD LENGTH <u>7.0</u> SECS | | | | | BEARING SP. TO #1 <u>#24</u> | | | | | GEOPHONES | | | | | | | | | | REMARKS <u>Rep. rate - 23 -</u> <u>3 GUNS</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMPS <u>10,000</u> | | | | | NO. OF CHANS. | | | | | SAMPLE RATE <u>1 2 4 8</u> | | | | | PACK DENS <u>356</u> BPI | | | | | DISTANCE SP. TO #1 <u>775 #24 875</u> | | | | | FREQ./TYPE <u>Texaco</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODE <u>Standard</u> | | | | | RECORD | | | | | LO CUT <u>8</u> | | | | | SLOPE <u>36</u> db/oct | | | | | DIR. OF SHTG. <u>E TO W</u> | | | | | FOLD <u>24</u> | | | | | | | | | | | | | | | NO./STA. <u>20</u> | | | | | SPACING <u>5'</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FORMAT | | | | | FILTERS | | | | | HI CUT <u>out</u> | | | | | SLOPE <u>-</u> | | | | | TYPE OPERATIONS | | | | | FILL TIME | | | | | | | | | | | | | | | PATTERN <u>100' Active, 200' Dead</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OBSERVER | | | | | | | | | | NOTCH | | | | | | | | | | DEPTH OF SOURCE | | | | | WATER TEMP. <u>°F</u> | | | | | | | | | | | | | | | ARRAY DIMEN. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHANNEL NO. ON TAPE | | | | | SOURCE <u>3 Bolt MAG. 4200 AIR GUNS</u> | | | | | SOURCE PATTERN | | | | | STA. INT. <u>150'</u> | | | | | POP. INT. <u>150'</u> | | | | | POPS./MILE <u>30</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <td colspan="10"></td> <td>24</td><td>23</td><td>22</td><td>21</td><td>20</td><td>19</td><td>18</td><td>17</td><td>16</td><td>15</td><td>14</td><td>13</td><td>12</td><td>11</td><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td> </tr> <tr> <td colspan="10"></td> <td>WB</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td colspan="10"></td> <td>CD</td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td></td><td>X</td><td></td> </tr> <tr> <td colspan="10"></td> <td>BIRDS</td><td></td><td></td><td></td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td>X</td><td></td><td></td><td>X</td><td></td><td>X</td><td></td><td></td><td></td><td>XX</td> </tr> </table> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | | | | | | | | WB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | CD | X | | | X | | | | X | | | | | X | | | X | | | | X | | | | | | | | | | | | BIRDS | | | | X | | | X | | | | | X | | | X | | X | | | | XX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">REEL NO.</th> <th rowspan="2">S.P.T. NO.</th> <th rowspan="2">RESHOT</th> <th rowspan="2">DIGITAL RECORD NO.</th> <th rowspan="2">REPEAT</th> <th rowspan="2">CABLE DRIFT</th> <th rowspan="2">WATER DEPTH (SEC.)</th> <th rowspan="2">FIRST RECORD NO.</th> <th rowspan="2">LAST RECORD NO.</th> <th rowspan="2">POPS/LOC.</th> <th rowspan="2">MON. REC.</th> <th rowspan="2">GUNS FILL</th> <th rowspan="2">TIME (Z)</th> <th rowspan="2">PARITY ERR.</th> <th rowspan="2">NAV. REF. NO.</th> <th colspan="6">GEOPHONE STREAMER DEPTH (F.)</th> <th rowspan="2">MODE</th> <th rowspan="2">INIT. GAIN DB</th> <th rowspan="2">RATE SPEED DB/SEC.</th> <th rowspan="2">FINAL GAIN DB</th> <th rowspan="2">AGC LEVEL</th> <th rowspan="2">INPUT ATTN.</th> <th rowspan="2">TRIP MODE</th> <th rowspan="2">TRIP DELAY</th> <th rowspan="2">REMARKS</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th> </tr> </thead> <tbody> <tr> <td>1630</td><td>0002</td><td></td><td>0002</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>01 31</td><td></td><td></td><td></td><td>32</td><td>30</td><td>30</td><td>PGC</td><td>53</td><td>13</td><td>94</td><td></td><td></td><td></td><td></td><td>.01</td><td>.01</td><td>start - rep. rate = 23</td> </tr> <tr> <td></td><td>3</td><td></td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>01 31</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>NoTB.</td> </tr> <tr> <td></td><td>4</td><td></td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>01 32</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>RC / RD</td> </tr> <tr> <td></td><td>5</td><td></td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>01 32</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>continue</td> </tr> <tr> <td></td><td>18</td><td></td><td>20</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td>86</td><td></td><td>124</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>check (actual speed 25 kts thru Gulf Stream - to hold CTS. Up too much CRAB)</td> </tr> <tr> <td>1630</td><td>178</td><td></td><td>260</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0241</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>end</td> </tr> <tr> <td>1631</td><td>183</td><td></td><td>265</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0243</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>start - RC / RD</td> </tr> <tr> <td></td><td>185</td><td></td><td>266</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0244</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>continue</td> </tr> </tbody> </table> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | REEL NO. | S.P.T. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT | CABLE DRIFT | WATER DEPTH (SEC.) | FIRST RECORD NO. | LAST RECORD NO. | POPS/LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARITY ERR. | NAV. REF. NO. | GEOPHONE STREAMER DEPTH (F.) | | | | | | MODE | INIT. GAIN DB | RATE SPEED DB/SEC. | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | TRIP MODE | TRIP DELAY | REMARKS | 1 | 2 | 3 | 4 | 5 | 6 | 1630 | 0002 | | 0002 | | | | | | | | | 01 31 | | | | 32 | 30 | 30 | PGC | 53 | 13 | 94 | | | | | .01 | .01 | start - rep. rate = 23 | | 3 | | 3 | | | | | | | | | 01 31 | | | | | | | | | | | | | | | | | NoTB. | | 4 | | 3 | | | | | | | | | 01 32 | | | | | | | | | | | | | | | | | RC / RD | | 5 | | 3 | | | | | | | | | 01 32 | | | | | | | | | | | | | | | | | continue | | 18 | | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 86 | | 124 | | | | | | | | | | | | | | | | | | | | | | | | | | check (actual speed 25 kts thru Gulf Stream - to hold CTS. Up too much CRAB) | 1630 | 178 | | 260 | | | | | | | | | 0241 | | | | | | | | | | | | | | | | | end | 1631 | 183 | | 265 | | | | | | | | | 0243 | | | | | | | | | | | | | | | | | start - RC / RD | | 185 | | 266 | | | | | | | | | 0244 | | | | | | | | | | | | | | | | | continue |
| REEL NO. | S.P.T. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT | CABLE DRIFT | WATER DEPTH (SEC.) | FIRST RECORD NO. | LAST RECORD NO. | POPS/LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARITY ERR. | NAV. REF. NO. | GEOPHONE STREAMER DEPTH (F.) | | | | | | MODE | INIT. GAIN DB | RATE SPEED DB/SEC. | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | TRIP MODE | TRIP DELAY | REMARKS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1630 | 0002 | | 0002 | | | | | | | | | 01 31 | | | | 32 | 30 | 30 | PGC | 53 | 13 | 94 | | | | | .01 | .01 | start - rep. rate = 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | 3 | | | | | | | | | 01 31 | | | | | | | | | | | | | | | | | NoTB. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | | 3 | | | | | | | | | 01 32 | | | | | | | | | | | | | | | | | RC / RD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | | 3 | | | | | | | | | 01 32 | | | | | | | | | | | | | | | | | continue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 18 | | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 86 | | 124 | | | | | | | | | | | | | | | | | | | | | | | | | | check (actual speed 25 kts thru Gulf Stream - to hold CTS. Up too much CRAB) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1630 | 178 | | 260 | | | | | | | | | 0241 | | | | | | | | | | | | | | | | | end | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1631 | 183 | | 265 | | | | | | | | | 0243 | | | | | | | | | | | | | | | | | start - RC / RD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 185 | | 266 | | | | | | | | | 0244 | | | | | | | | | | | | | | | | | continue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PAGE 24 OF PAGES

[illegible]

UTMB MARINE DIGITAL OPERATORS REPORT

PAGE 4 OF PAGES

CRUISE NO. I6-15-1

LINE ~~SE-4~~

AREA SE. GEORGIA

LAT. _____
 LON. _____

30 49.6
-80 56.9

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| PROJECT | USGS |
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DATE:

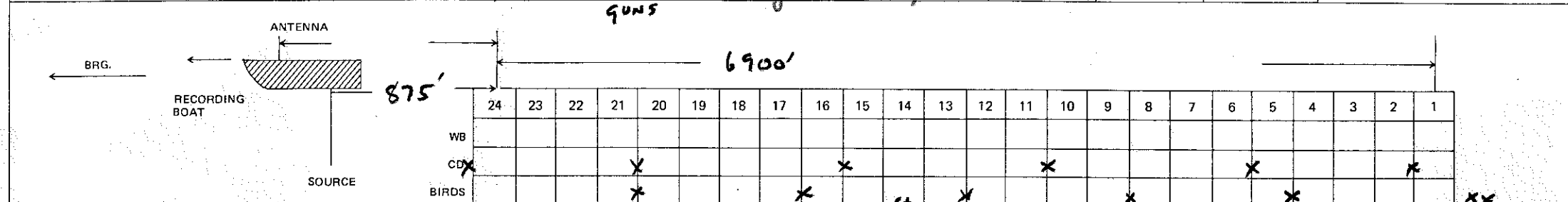
DAY 24 MONTH MAY YEAR 75

[illegible]

UTMB MARINE DIGITAL OPERATORS REPORT

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| | | | | | | | | | | | |
|----------------------------------|--|---------------------------------|--|--------------------------------|--|---|--|--|--|---|--|
| CRUISE NO. <u>Ida Green 15-1</u> | | LINE <u>SE-6</u> | | AREA <u>SE GEORGIA</u> | | LAT. <u>29.319</u> LON. <u>-81.012</u> | | PROJECT <u>USGS</u> | | DATE DAY <u>24-25</u> MONTH <u>MAY</u> YEAR <u>75</u> | |
| FORM NO. <u>5</u> | | AREA <u>13</u> | | LINE <u>21</u> | | CRUISE NO. <u>25</u> | | SHOT SPACING <u>33</u> | | GEOPHONE SPACING <u>41</u> | |
| OFFICE USE | | | | | | | | | | | |
| SYSTEM <u>DFS 10,000</u> | | TAPE SPEED <u>22.5</u> IN./SEC. | | RECORD LENGTH <u>7.0</u> SECS | | BEARING SP. TO #1 <u>#24</u> | | GEOPHONES | | REMARKS | |
| AMPS | | NO. OF CHANS. | | SAMPLE RATE <u>1 2 ① 8</u> | | PACK DENS <u>356</u> BPI | | DISTANCE SP. TO #1 <u>7775</u> #24 <u>875'</u> | | FREQ./TYPE | |
| MODE <u>STANDARD</u> | | RECORD | | LO CUT <u>8</u> | | SLOPE <u>36</u> db/oct | | DIR. OF SHTG. <u>W</u> TO <u>E</u> | | FOLD <u>24</u> | |
| FORMAT | | FILTERS | | HI CUT <u>out</u> | | SLOPE <u> </u> | | TYPE OPERATIONS | | FILL TIME | |
| OBSERVER | | NOTCH | | IN <u> </u> OUT <u> </u> | | DEPTH OF SOURCE <u>30'</u> | | WATER TEMP. <u> </u> °F | | ARRAY DIMEN. | |
| CHANNEL NO. ON TAPE | | SOURCE | | SOURCE PATTERN | | STA. INT. | | POP. INT. | | POPS./MILE | |
| BREAK | | TIMING WD. | | <u>3 Bolt Mag. 4200 Air</u> | | <u>3 guns side by side</u> | | | | | |



| REEL NO. | Shot # ENCLOSURE LOG NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC.) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARI- TY ERR. | NAV. REF. | | GEOPHONE STREAMER DEPTH | | | | | | GAIN | | | | | | REMARKS | | |
|----------|--------------------------------|--------|--------------------------|--------------------|----------------|--------------------------|------------------------|-----------------------|---------------|--------------|--------------|-------------|---------------------|--------------|--------|----------------------------|---|---|---|---|---|------|---------------------|---------------------------|---------------------|--------------|----------------|---------|--------------|-------------------|
| | | | | | | | | | | | | | | NO. | L S | 1 | 2 | 3 | 4 | 5 | 6 | MODE | INIT. GAIN DB | RATE- SPEED DB/SEC. | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | | TRIP MODE | TRIP DELAY |
| 1640 | 1 | 11 12 | 1 | 16 17 18 | 21 | 26 | 30 | 34 | | | | 23 22 | | | | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | | | start - RC/RP - 1 |
| 1640 | 3 | | 2 | | | | | | | | | 23 22 | | | | | | | | | | | | | | | | | | CONTINUE |
| 1640 | 181 | | 263 | | | | | | | | | 00 22 | | | | | | | | | | | | | | | | | | LAST RECORD |
| 1641 | 189 | | 273 | | | | | | | | | 00 25 | | | | | | | | | | | | | | | | | | BEGIN RC/RP |
| 1641 | 191 | | 274 | | | | | | | | | 00 26 | | | | | | | | | | | | | | | | | | CONTINUE |
| 1641 | 367 | | 554 | | | | | | | | | 00 24 | | | | | | | | | | | | | | | | | | LAST RECORD |
| 1642 | 371 | | 560 | | | | | | | | | 00 26 | | | | | | | | | | | | | | | | | | FIRST RECORD |
| 1642 | 373 | | 562 | | | | | | | | | 00 25 | | | | | | | | | | | | | | | | | | RC/RP Short R |
| 1642 | 375 | | 563 | | | | | | | | | 00 27 | | | | | | | | | | | | | | | | | | CONTINUE |
| 1642 | 550 | | 1042 | | | | | | | | | 00 26 | | | | | | | | | | | | | | | | | | LAST RECORD |

25 MAY

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| CRUISE NO. | | LINE | | AREA | | LAT. | | PROJECT | | DATE | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----------------------------|--------|--------------------------|-------------------|----------------|-------------------------|------------------------|-----------------------|---------------|--------------------------|--------------|-------------|---------------|--------------|-----|----------------------------|--|--|--|------|--|--|--|--|--|--|--|---------|--|--|--|-------------------------|
| 1DA GREEN 15-1 | | SE-6 | | SE GEORGIA | | LON. | | USGS | | DAY 25 MONTH MAY YEAR 75 | | | | | | | | | | | | | | | | | | | | | | |
| REEL NO. | S.P. ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV-TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARTY ERR. | NAV. REF. | | GEOPHONE STREAMER DEPTH | | | | GAIN | | | | | | | | REMARKS | | | | |
| | | | | | | | | | | | | | | NO. | L/S | | | | | | | | | | | | | | | | | |
| 1643 | 555 | | 1047 | | | | | | | | | 02 27 | | | | | | | | | | | | | | | | | | | | start - |
| | 557 | | 1050 | | | | | | | | | 02 28 | | | | | | | | | | | | | | | | | | | | RC/RP - (out of paper - |
| | 562 | | 1055 | | | | | | | | | 02 30 | | | | | | | | | | | | | | | | | | | | CONTINUE |
| | 564 | | 1056 | | | | | | | | | 02 30 | | | | | | | | | | | | | | | | | | | | RC/RP |
| | | | | | | | | | | | | 03 27 | | | | | | | | | | | | | | | | | | | | CONTINUE |
| 1643 | 735 | | 1331 | | | | | | | | | 03 27 | | | | | | | | | | | | | | | | | | | | END - 1643 |
| 1644 | 740 | | 1336 | | | | | | | | | 03 29 | | | | | | | | | | | | | | | | | | | | start - RC/RP |
| | 742 | | 1337 | | | | | | | | | 03 29 | | | | | | | | | | | | | | | | | | | | CONTINUE |
| | 878 | | 1597 | | | | | | | | | 04 15 | | | | | | | | | | | | | | | | | | | | |
| 1644 | 919 | | 1620 | | | | | | | | | 04 29 | | | | | | | | | | | | | | | | | | | | end - 1644 |
| 1645 | 923 | | 1624 | | | | | | | | | 04 30 | | | | | | | | | | | | | | | | | | | | start - RC/RP |
| | 925 | | 1625 | | | | | | | | | 04 30 | | | | | | | | | | | | | | | | | | | | CONTINUE |
| 1645 | 1106 | | 2112 | | | | | | | | | 05 31 | | | | | | | | | | | | | | | | | | | | End 1645 |
| 1646 | 1112 | | 2120 | | | | | | | | | 05 33 | | | | | | | | | | | | | | | | | | | | Start 1646 RC/RP |
| 1646 | 1114 | | 2121 | | | | | | | | | 05 34 | | | | | | | | | | | | | | | | | | | | CONTINUE |
| 1646 | 1309 | | 2424 | | | | | | | | | 06 39 | | | | | | | | | | | | | | | | | | | | End 1646 |
| 1647 | 1313 | | 2430 | | | | | | | | | 06 40 | | | | | | | | | | | | | | | | | | | | RC/RP SD 1647 |
| | 1315 | | 2431 | | | | | | | | | 06 40 | | | | | | | | | | | | | | | | | | | | CONTINUE |
| 1647 | 1492 | | 2712 | | | | | | | | | 07 40 | | | | | | | | | | | | | | | | | | | | End 1647 |
| 1648 | 1497 | | 2716 | | | | | | | | | 07 41 | | | | | | | | | | | | | | | | | | | | ST. 1648 RC/RP |
| 1648 | 1499 | | 2717 | | | | | | | | | 07 42 | | | | | | | | | | | | | | | | | | | | CONTINUE |
| 1648 | 1678 | | 3201 | | | | | | | | | 08 42 | | | | | | | | | | | | | | | | | | | | End 1648 |
| 1649 | 1683 | | 3206 | | | | | | | | | 08 43 | | | | | | | | | | | | | | | | | | | | ST. 1649 RC/RP |
| | 1685 | | 3207 | | | | | | | | | 08 44 | | | | | | | | | | | | | | | | | | | | CONTINUE |
| 1649 | 1662 | | 3470 | | | | | | | | | 09 43 | | | | | | | | | | | | | | | | | | | | LAST RECORDED |

 2121
 END SE-6 M
 1457

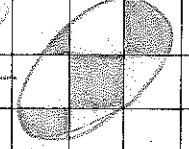
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| CRUISE NO. 16-15-1 | | LINE SE-6 | | AREA SE. Georgia | | LAT. / LON. | | PROJECT USGS | | DATE DAY 25 MONTH MAY YEAR 75 | | | | | | | | | | | | | | | | |
|--------------------|------------------|-----------|--------------------|------------------|-------------|-------------------|------------------|-----------------|------------|-------------------------------|-----------|----------|---------------|---------------------|-------------------------|---------------|--------------------|---------------|-----------|------------|-----------|------------|---------|---|--|--|
| REEL NO. | ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARI. TY ERR. | NAV. REF. NO. / L/S | GEOPHONE STREAMER DEPTH | | | | GAIN | | | | REMARKS | | | |
| | | | | | | | | | | | | | | | MODE | INIT. GAIN DB | RATE SPEED DB/SEC. | FINAL GAIN DB | AGC LEVEL | INPUT ATTN | TRIP MODE | TRIP DELAY | | | | |
| 1650 | 1867 | | 3475 | | | | | | | | | 09 | | | | | | | | | | | | Begin RC/RP | | |
| 1650 | 1869 | | 3476 | | | | | | | | | 09 | | | | | | | | | | | | CONTINUE | | |
| | | | 3477 | | | | | | | | | 09 | | | | | | | | | | | | GAIN TRIP DAY 25 | | |
| 1650 | 2046 | | 2747 | | | | | | | | | 10 | | | | | | | | | | | | LAST RECORD | | |
| 1651 | 2052 | | 2765 | | | | | | | | | 10 | | | | | | | | | | | | Begin RC/RP (not complete) | | |
| | 2054 | | 2766 | | | | | | | | | 10 | | | | | | | | | | | | RC/RP | | |
| | 2056 | | 2767 | | | | | | | | | 10 | | | | | | | | | | | | CONTINUE | | |
| 1651 | 2235 | | 4252 | | | | | | | | | 11 | | | | | | | | | | | | LAST RECORD | | |
| 1652 | 2238 | | 4256 | | | | | | | | | 11 | | | | | | | | | | | | Begin 1652 RC/RP | | |
| | 2241 | | 4257 | | | | | | | | | 11 | | | | | | | | | | | | CONTINUE | | |
| 1652 | 2419 | | 4541 | | | | | | | | | 12 | | | | | | | | | | | | LAST RECORD | | |
| 1653 | 2424 | | 4546 | | | | | | | | | 12 | | | | | | | | | | | | Begin RC/RP | | |
| | 2426 | | 4547 | | | | | | | | | 12 | | | | | | | | | | | | CONTINUE | | |
| | 2479 | | 4634 | | | | | | | | | 13 | | | | | | | | | | | | change rep rate to 30 seconds - only making | | |
| 1653 | 2604 | | 5031 | | | | | 5031 | | | | 14 | | | | | | | | | | | | END - LAST RECORD | | |
| 1654 | 2608 | | 5035 | | | | | 5035 | | | | 14 | | | | | | | | | | | | BEGIN 1654 - RC/RP | | |
| | 2609 | | 5036 | | | | | | | | | 14 | | | | | | | | | | | | NO TIME BK | | |
| | 2610 | | 5037 | | | | | | | | | 14 | | | | | | | | | | | | CONTINUE | | |
| | 2632 | | | | | | | | | | | 14 | | | | | | | | | | | | change gain trip delay to .50 sec. | | |
| | | | | | | | | | | | | 25 | | | | | | | | | | | | change R. rate - 23 sec. - speed picking up | | |
| | | | | | | | | | | | | 15 | | | | | | | | | | | | to ~4 kts. | | |
| | | | | | | | | | | | | 15 | | | | | | | | | | | | end 1654 | | |
| 1654 | 2787 | | 5320 | | | | | | | | | 25 | | | | | | | | | | | | start - RC/RP | | |
| 1655 | 2791 | | 5324 | | | | | | | | | 26 | | | | | | | | | | | | continue | | |
| 1655 | 2793 | | 5325 | | | | | | | | | 15 | | | | | | | | | | | | end - 1655 | | |
| 1655 | 2970 | | 5606 | | | | | 5606 | | | | 16 | | | | | | | | | | | | | | |

Rep Note chn


 ~3 kts over ground
 + Gulf Stream -
 crabbing ~50°-

change gain trip delay to .50 sec.



speed picking up to ~4 kts.

2160

| UTMB MARINE DIGITAL OPERATORS REPORT | | | | | | | | | | | | | | | | | | | | PAGE 29 OF 30 PAGES | | | | | | | | | |
|--------------------------------------|------------------|--------|--------------------|-----------------|-------------------|-------------------|------------------|-----------------|------------|--------------|-----------|--------------|-------------|---------------|-------------------------------|---|---|------|---------------|---------------------|---------------|-----------|-------------|-----------|---------|------------|--|----------------------|--|
| CRUISE NO. 16-15-1 | | | LINE SE-6 | | AREA S.E. Georgia | | | LAT. 31-42.6 | | LON. -79 8.7 | | PROJECT USGS | | | DATE DAY 25 MONTH MAY YEAR 75 | | | | | | | | | | | | | | |
| REEL NO. | ENG. OR LOC. NO. | RESHOT | DIGITAL RECORD NO. | REPEAT REV. TRA | CABLE DRIFT | WATER DEPTH (SEC) | FIRST RECORD NO. | LAST RECORD NO. | POPS/ LOC. | MON. REC. | GUNS FILL | TIME (Z) | PARITY ERR. | NAV. REF. NO. | GEOPHONE STREAMER DEPTH | | | GAIN | | | | | | | REMARKS | | | | |
| | | | | | | | | | | | | | | | 2 | 4 | 6 | MODE | INIT. GAIN DB | RATE SPEED DB/SEC. | FINAL GAIN DB | AGC LEVEL | INPUT ATTN. | TRIP MODE | | TRIP DELAY | | | |
| 1656 | 2974 | | 5612 | | | | 5612 | | | | | 16 36 | | | | | | RC | 57 | 13 | 94 | | | | | | | Start - RC/RP | |
| | 2976 | | 5613 | | | | | | | | | 16 37 | | | | | | | | | | | | | | | | CONTINUE | |
| | | | | | | | | | | | | 17 05 | | | | | | | | | | | | | | | | | |
| 1656 | 3155 | | 6076 | | | | 6076 | | | | | 17 46 | | | | | | | | | | | | | | | | End 1656 Switch | |
| 1657 | 3160 | | 6077 | | | | | | | | | 17 48 | | | | | | | | | | | | | | | | Start 1657 RC/RP | |
| 1657 | 3162 | | 6100 | | | | | | | | | 17 48 | | | | | | | | | | | | | | | | CONTINUE; Gain - | |
| | | | | | | | | | | | | 18 00 | | | | | | | | | | | | | | | | Western beam 3 | |
| 1657 | 3339 | | 6361 | | | | 6361 | | | | | 18 56 | | | | | | | | | | | | | | | | End 1657 | |
| 1658 | 3343 | | 6365 | | | | 6365 | | | | | 18 58 | | | | | | | | | | | | | | | | Start 1658 RC/RP | |
| 1658 | 3344 | | 6366 | | | | | | | | | 18 58 | | | | | | | | | | | | | | | | CONTINUE | |
| | | | | | | | | | | | | 19 52 | | | | | | | | | | | | | | | | C/K 108° | |
| | | | | | | | | | | | | 20 02 | | | | | | | | | | | | | | | | C/K 103° | |
| 1658 | 3521 | | 6646 | | | | | | | | | 20 06 | | | | | | | | | | | | | | | | End 1658 | |
| 1659 | 3527 | | 6654 | | | | | | | | | 20 08 | | | | | | | | | | | | | | | | Start 1659 RC/RP | |
| 1659 | 3529 | | 6655 | | | | | | | | | 20 09 | | | | | | | | | | | | | | | | CONTINUE | |
| | | | | | | | | | | | | 20 39 | | | | | | | | | | | | | | | | C/K 090° | |
| | 3609 | | 6335 | | | | | | | | | 20 50 | | | | | | | | | | | | | | | | Power off switch kit | |
| 1659 | 3706 | | 7136 | | | | | | | | | 21 17 | | | | | | | | | | | | | | | | END | |
| 1660 | 3712 | | 7144 | | | | | | | | | 21 19 | | | | | | | | | | | | | | | | BEGIN RC/RP | |
| | 3714 | | 7145 | | | | | | | | | 21 26 | | | | | | | | | | | | | | | | CONTINUE | |
| | 3893 | | 7430 | | | | | | | | | | | | | | | | | | | | | | | | | | |

DAY 25 MONTH May YEAR 75

REMARKS

$$St_{Ant} = RC/CP$$

continue

| | | |
|----|----|----|
| 57 | 13 | 92 |
|----|----|----|

| | |
|----------|-----------------------------------|
| End 1656 | Switched to RKO |
| St. 1657 | setting before RL 1656 removed |

| | |
|------|---------|
| Cost | 5713.88 |
| Gain | 5713.88 |

Newton Area 3181 - and 6135

2nd-167

5th 168 TC/RC

continue

c/c 108°

90103

2nd 1658

58-1685-1294

Continue

 $\angle C \approx 90^\circ$

| | |
|---------------------------------------|---------------|
| cover off switch kit. possibly missed | |
| END | preceding R.N |

END

BEGIN RC/RP

CONTINUE

END 1660 *and note 23 sec*