Sparker

+ DREDGE

STENOGRAPHIC NOTEBOOK 25¢

Puerto Rico Project II

ATLANTIC TWIN #69001

L. Garrison

Jan 17 - Jan 28, 1969

PR II

170

$ 180

The SPIRAL®

steno notes

GREGG RULED NO. GG-2372

WITH SIGHT SAVER® PAPER

A PRODUCT OF Westab DAYTON 2, OHIO

GRIPPER EDGE® SLIP PROOF

BOOK NO.

FROM

TO

Puerto Rico Jan 17 69

Line # 1

7KJ - EG&G Sparker Sys.
2 Sec Sweep rate
Geo-Amplifier System
Filter Setting 40-98
Section 2

Cross line at 0021
let out cores a little dist
about 20' for k.

Line #3
[illegible] 1215 started recording
[illegible] 4.1 + while Raytheon being
repaired. all other settings same

Line 6A

7 Kj, 2 sec sweep,

Jan 18

0800 - turning. Gifft recording, approach to Line 6A. Tyme sync. on record.

0807 - Start Line 6A - 144° M.

0836 - End of Line 6A

0838 - Crs. 057° M - Start line 6

0922 - C/C 060° M

0935 - C/C 063° M

0950 - C/C 3° TO LEFT

1047 End of Line 6

1048.5 - Start cross line (6B) 303° M

1053 - Switched signal timer to Raytheon.

1107 LEFT 5° TO C-298

1135 - End Line 6B

1136.5 - Start Line 5, crs 145° M

Tape footage 168, Reel 1, Side 1

1200 - C/C 143° M

1203 C/C 138 M

1205 C/C 133 M

1215 C/C 143 M

1322 C/C 135 M°

1352 C/C 130° M

End Line 5 - footage 624

1442 C/C 278 Start Line 5B

1531 C/C 188

1533 O/C 188

1615 c/c 324 M
1617 on course 324 M
1630 Time check
1743 Tape on, Tape reading 628
1745 c/c 073
1800 TIME CHECK
1809 C/C TO 064
1817 TIME CHECK
1840 END REEL 1 SIDE 1
1842 START SIDE 2 FOOTAGE 000
✓ 1915.5 Brkdown on Raytheon
✓ 1920.5 Started signal recording on Gifft,
✓ 1935.5 stop ~~Gifft~~ signal erratic
pulled in gear.

1420

Jan 19, 1969

0810 - Left Central Aguirre, Gear over 0900.
0905 - Time sync. w/ bridge
0910 - Start Line 9, crs 146° M (NO TAPE)
13 Kj sprkr, 4 sec fire, 2 sec sweep
40-98 Hz. Paper spd 1 on Gift -
Same as records of yesterday.
0923 C/C 126
1230 End Line 9
START NEW COURSE, start LINE 14
1232 start. 053°
1249 C/S 900 rpm
1420 C/C TO 058°
1503 - END OF LINE 14
Shut off everything
about 1520 - Started again - called it Line 14B
crs SW. Same settings
1530 - mark from bridge time, which is
not the same as Lab time. Sync. lost.
1545 - mark from Lab sync.
1552 - end of Line 14 B.
Start Line 12.
1623 - Start Line 12,
1647 - started taping {Tape rdg 20. Reel 2} unfiltered info is 40 Hz - ∞ on tape

1720 - c/c 231° M
1732 - c/c 227° M
1831 - End. (Tape 336) Line 12

Jan 20, 1969

0630 Left dock - Central Aguirre
(START TAPE FOOTAGE 336)
0745 Start Line 13, 145° M. On GHT,
13 Kj, 4 sec rep. rate., 2 sec sweep.
0833 c/c 140° M
0857 c/s, incr 50 rpm to 850
0937 c/c 142° M
0952 c/c 145° M
1054 Stopped tape at 731 ft., Reel 2
1107 End of Line 13
1108+ Start 13B, crs 055° M
1117 Start Tape, 005, R3
1147 c/c 062° M
1235 End of Line 13B Tape 255
1236 Begin Line 15 TAPE 258
1245 Time mark

1235

1348 - c/c 013°

1436 End L18 } TAPE REEL #3 547 FT.

1500 Start Line 18, Tape 554, R3

Crs 232°M.

1635 c 230°M. End R3

1642 Start Reel 4.

1703 c - 228

1734 c - 226

1745 Slowed to launch 3.5 kc pinger

1750 Resumed 800 turns. Towing 3.5

1904 Stopped Line 18 TAPE 440

Tested towing 3.5

1915 Secured 3.5, start for Central Aguirre

8

~~V-1~~

Jan 23

0745 Left dock Charlotte Amalie

0840 Time mark, sync. ~~C-101~~ C-101

0844 Start Line V-1 TAPE REEL 4 – 465

0857 C/C 102

0904 C/C 111

0912 est. depth 17 fms (chart). – Note That wire out on streamer increased by nearly 100' this run.

0933 – C/C 103

0938 – C/C 098°

0945 – C/C 093°

0958 – End V-1. TAPE REEL 4 634 Ft.

1015 Start V 2. Shortened up streamer – 150 ft switched to 5 kj, fire 2 sec, sweep 1 sec. Crs 302° M.

1017 Ran Hd pt about 100 ft to starboard. abt 12 fms water. Start Reel 5 ~~to~~ Rdg 000.

1022.5 C/C 2° left.

1025 passengers aboard. 1 man, 1 woman, 1 dog (Setter).

1045¼ - End of V2 REEL 5 - 103 ft.

1047¼ - Begin V3 crs 188° M Tape Rdng 111 ft
1058 - Depth 86' + 6 = 92'
1100 - c/c 186° M, fathm depth → 100'.
1114 - 104 ft + 6 = 110.
1115 - End of V3, start turn
Ftg Tape 209

Start V4

1118.5 - Start V4 - crs ~~034°~~ M 037° M
1121 - C/c ~~045°~~ M 043° M
1130 - c/c ~~048°~~ M 046° M
} Compass error
1149 - End V4
1150 - Start V5
1200 - passengers departed.
1230 - depth 156 ft.
1315 - depth 132 ft
1328 End V5

1330 - Start V6, crs 070° M
1333 c/c 075° M
1341 c/c 070° M

1412 End Line V6

1413 Begin Line V7, ~~8~~ crs.

(Note: These times may be bad - check back from next time mark.)

1420 Time sync.

1440 - Down for irregular firing - carbon in electrodes

1457 - Tape ran out - did not reload.

1515 - c/c 021° M

1525 - Tektite abeam to starboard - 0.14 mi.

1527 - End of V7

Sync at 4 BV 1

Jan 24

0745 - Left anchorage Lameshur Bay.
0830 - In position for first run - batteries dead on generator. While charging, steamed South for 15 min & streamed 1.5 KHz gear.
0924 Start BV 1
0949 c/c 282° M
1015 breakdown in paper feed on Raytheon.
1038 c/c 040°
1039 steady on 040°
1043 c/c 060°
1047 between Gr. Thatch & Tortola.
1054 c/c
1056 Shut down - ch. to 5 Kj.
1101 On line with 5 Kj, 2 sec f.; 1 sec sw.
1122 c/c 226° - 1123 o/c
1134 c/c 219°
1135 Tape recorder not on record - Went back to first of tape to erase. N.G.
1152 End BV-1
Start BV-2
1208 Start BV-2 cis 001
1248 c/c 003
1303 c/c 005
1317 c/c 007

1345 c/c 278°
1403 c/c 272° M
1430 turning End BV-2
1431 Start BV-3 cis 176°
1448 c/c 180°
1610 c/c 163
1630 c/c 144
1645 end of reel #6
1647 Start reel #7
1730 c/c 188°
1753 c/c 185° M
1817 c/c 182 M
1845 End of Line BV-3 Tape 377
Reel 7

Jan 26

0600 approaching line M2
0630 sparker on. Reel 7
0645. Tape at 380 R7 - Tyme. sync.
0649. Turning
0650.5 - Begin M2, crs 188° M - long hiphone stream
0720 recorder down, ch. belt & blew fuse
0733 - c/c 186° M
0735 - Resync. time on recorder.
0802 c/c 181° M
0907 Speed change from 800 to 850 RPM
0920 End of reel #7 - 728 ft.
0923 start reel #8 000 ft.
1210 start center keying
1221 End M2

0450

221

27 Jan 69, Monday (p. 1)
off Mayaguey

1.5 KHz + 13 Kj spkr
First line is MP-3 TAPE REEL 9 - 000 ft
0942 START LINE MP-3 C - 221 M
1004 Course change C - 216 M
1040 & 15 sec end Line MP-3 Tape Reel 9 202 ft.

1045 Start Line MP-4 C - 291 M
1108 Try 850 RPM (was 800)
1112 " 900 "
1115 TIME SYNC
1220 Line break to retrieve catamaran
1224 BACK ON COURSE
1422 End of Reel # 9 - 733 ft
1426 Start Reel # 10 - 000 ft.
1527 Change Course 285 M to 288 M
1603 approx - generator failed
1616 m 30s - generator repaired - still on line
1623 Change course to 291 M
1713 End line MP-4 tape ft. about 477
Reel 10

(cont.)

27 Jan, Monday (p. 2)

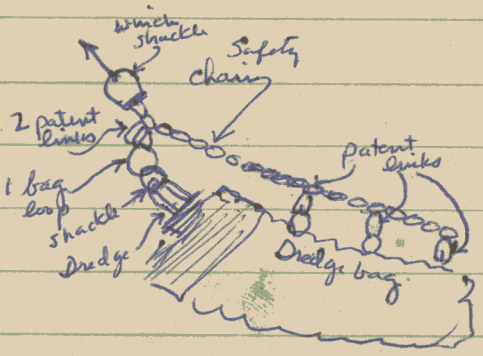
1717 Start line MP-5 Course 008 M
1947 Begin Reel 11 at N16 feet
2245 End line MP-5 Tape #11-5345ft.

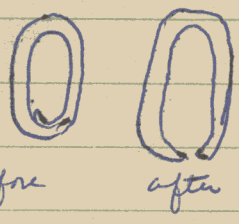
28 JAN TUES

0205 START LINE MP-6 TARE REEL 11. 540 ft
0214 LOSS POWER TO VAN
0245 REPAIR POWER LOSS
0255 RESUME C-088 M
0300 C/C TO C-185 M
0323 C/C 182 M
0354 C/C 179° M
0413 end Reel #11 - 732 ft
0417 Start reel #12 - 000 ft
0707 End Line MP-6 - Reel 12 - 511 ft.

21 Jun, 1969

Dredge 1 - West side Grappler Bank
Depth about 160 fms, wire out 2500 ft towed about 10 min., Capt. thought no more forward motion. Began spooling in with a constant strain, but ship also moving ahead slowly (total forward motion of dredge too great) There was one sharp tug on the gear, Then the wire went slack with 1800 ft out, depth of water 60 fms. Dredge lost [Cofresi?]





At every point one was used, The patent link failed The safety chain was all That was recovered, with The opened patent links at each indicated position. They had failed by opening partially, aid by some straightening of their hooked ends.

21 Jan - Dredge 2

After we lost the chain bag dredge, we hooked up a pipe dredge, with no weak link, shackling directly into the bridle chain.

Ran back downhill to about 400 fms and stopped. Lowered dredge to about 2500 ft, but had drifted to deeper wtr. [Depth recorder (3.5 rig) not operating except at unpredictable intervals] and didn't touch bottom. Moved the boat, with dredge hanging, uphill until we struck bottom, Then let it free spool out to about 3650 ft. Then snubbed wire with chain stopper to keep the strain from embedding wire into the spool, and towed for about 15 minutes. Several bites. Then started reeling in, tension went up to 9 Klb once. Brought aboard 3 small pieces of greenish volc. rock, well coated with Mn(?) and organism, apparently not fresh. Principle hangups were at 1920 ft ~~out~~ depth and 1680 ft depth.