0946 U/W FOR ATLANTIC CITY, HDG 310
1130 51740 - 72240 - PICKED UP H_2O FOR DOCTOR
1200 WATCH RELIEVED BY J. GAY
1345 DOCKED ALONGSIDE ATLAS @ STARNS.
1420 MOVED TO LITTLE DOCK.
1840 MOVED BACK TO BIG DOCK. ATLAS LEFT.
LIBERTY FOR ALL HANDS.

J.H. Gay

SUNDAY 14 MAY 1978

0700 TURN TO
REPLENISHING ALL STORES
REPIPE EVAP. WASH OUT WITH SAFE ACID.
2100 K/O SHIP'S WORK.
2300 ALL FLIGHTS & LIMOSINES DELAYED OR CMX.

J.H. Gay

MONDAY 15 MAY 1978

0700 TURN TO.
FULLER, NATHAN R. JR. SSN 578-54-1241
REPORTED ABOARD FOR DUTY "TO OBSERVE
PERFORMANCE OF MODIFIED PARAVANES"
1330 CHUCK KITCHENS RELIEVED BY R. WEEKS.
1406 TURNED UP - CREWS ABD.
1410 U/W FROM STARN'S DOCK
1426 SEA BOOS ABEAM TO PORT C/C 074°
WATCH TURNED OVER TO R. WEEKS
1455 R2BS ABEAM TO PORT 1 mi. - SIMRAD LORAN
OOC. - SECURED
1500 51671-70116 A/H 069°
1600 51528-70129
1700 51377-70143
1745 51273-70149
1800 WATCH RELIEVED BY J. GAY
1900 L/C 70158/51090 A/H TO 074° SLOW TO 12K
SEA ROUGH
2000 DRIFTING LEFT, A/H TO 077°
2100 BOTH L/C'S FAIL TO PICK UP SIGNAL & LOCK
ON.

2130 INVESTIGATION SHOWS FLAT-TOP ANTENNA BROKEN ON TOP OF PILOT HOUSE.
2400 WATCH RELIEVED BY R. WEEKS.

[signature]

TUESDAY 16 MAY 1978

0025 RWN 50485-70220 A/H 057° DEAD SLOW - APPROACHING BEGINNING OF PROSPECT TRACK - USGS + ONI PREPARING TO STREAM GEAR
0030 CAME DOWNSEA (240°) TO DEPLOY HUNTEC + SIDESCAN
0115 GEAR DEPLOYED - C/C 032° TO RETURN TO START OF SURVEY TRACK (50417-70200) - TRACK START CHANGED AS PER USGS
0135 SECURED STBD. ENG - PORT ENG 900 RPM - 5K TOWING SPEED
0225 COMMENCE OPS. - SIMRAD LORAN BACK ON LINE - CRS 081°
0300 50385-70206 — BAR. 29.90S WIND 5-10 MPH SEAS 1-3' (NE)
0336 C/C 060° (50350-70210)
0400 50323-70208 A/H 056°
0500 50556-70203 - CHAIN SNAPPED ON SIDESCAN WINCH - UNDERGOING REPAIR
0526 INCR SPEED TO 6K TO GIVE MORE SCOPE TO SIDE SCAN CABLE
0540 50212-70200
0600 WATCH RELIEVED BY CAPT. JOHN GAY

Richard W. Weeks

0600-1200 SURVEYING AS BEFORE
1200 WATCH RELIEVED BY R. WEEKS

[signature]

1200- CIRCLING TO STBD FOR SIDE SCAN REPAIR
1236 TOOK SUN SIGHT FOR GYRO ERROR COMP. - ERROR NEGLIGABLE
1300 BACK ON SURVEY TRACK - SHOOTING W/ HUNTEC ONLY 49837-70174
1408 49760-70170
1425 LORAN C LOST SIGNALS CRS. 067° (MAY BE OFF 10 μSECS) 49747-70168
1500 TELEDYNE TRACKING - CRS. 059° 49712-70167
1515 BOTH LORAN'S OOC
1606 SIMRAD APPEARS TO BE TRACKING AGAIN 49615-70153
1610 C/C 090° TO CLOSE ON TRACKLINE
1645 A/H 067° BACK ON TRACKLINE
1700 49567-70157
1730 ~~A~~ 49530-70155

1800 49494-70152 - WATCH RELIEVED BY CAPT. JOHN GAY
Richard W. Weeks

1900 A/H TO 063°
1952 END LINE #1 - TURNING TO SET UP ON #2
2019 COMMENCE LINE 2
2100 RAN STBD ENG 15 MIN. TO OIL RED. GEAR.
2115 A/H LEFT 1°.
2400 WATCH RELIEVED BY R. WEEKS
John Gay

WEDNESDAY 17 MAY 1978

0210 C/C 318 (49798-70320) FINISH LINE #2 START LINE #3
0315 49768-70285
0400 49765-70264
0418 C/C 282° 49763-70255 FINISH LINE #3 START LINE #4
0500 49779-70241
0545 49796-70225
0600 WATCH RELIEVED BY CAPT. JOHN GAY
Richard W. Weeks

0718 FINISHED LINE #4. CIRCLING RIGHT CFN.
0801 COMMENCE LINE #5. HDG 325°
0850 A/H 3° L
0930 A/H 3° L
0945 A/H 5° L
0950 A/H 5° L
1000 A/H 5° R
1030 C/C TO 242° BEGIN LINE #6
1200 WATCH RELIEVED BY R. WEEKS
1346 C/C 291° FINISH LINE #6 START LINE #7 (50082-70116.5)
1401 SIMRAD LORAN UNSETTLED
1411 " " SECURED - TELEDYNE MAY BE OFF
1500 TELEDYNE MAY BE BACK ON TRACK
1540 BOTH LORANS BACK ON LINE
1637 C/C 019° FINISH LINE #7 START LINE #8
1702 50144-70137
1730 50114-70026
1800 WATCH RELIEVED BY CAPT. JOHN GAY
Richard W. Weeks

1839 TURN TO LINE # 9 HDG 080°
2100 CHECKED ENG ROOM. ALL OK.
2300 FIXES TAKEN EACH HOUR. ON COURSE.
2400 WATCH RELIEVED BY R. WEEKS
J.S. Gay

0015 A/H 073°
0100 49656-70044
0159 C/C 142° FINISH LINE # 9 START LINE # 10
0305 49606-70076
0400 ~~49621-70111~~ RWJ 49615-70098
0500 49628-70123
0600 WATCH RELIEVED BY CAPT. JOHN GAY
Richard W. Weeks
0630 BROKE CHAIN ON SIDE-SCAN WINCH - AGAIN!? -
0843 A/H TO 019° - NEW TRACK - SIDE SCAN WINCH REPAIRED.
FINISH LINE # 10, START # 11
1131 END OF LINE 11. TAKING UP HUNTER FOR CHECK.
1200 WATCH RELIEVED BY R WEEKS.
J.S. Gay

1220 C/C 185° - RETURN TO START LINE # 12
1304 49400-70099
1324 C/C 125° LINING UP ON LINE # 12
1330 START LINE # 12 - 49417-70110
1400 49420-70121
1500 49430-70144
1600 49447-70168
1655 C/C 214 AT 49464-70191 FINISH LINE # 12 - START LINE # 13
1630- OPS. TRAFFIC W/ KTD423
1705
1730 49500-70200
1800 WATCH RELIEVED BY CAPT. JOHN GAY - Richard W. Weeks
1900 A/H TO 215° TO GET BACK TO LINE.
2053 A/H TO 217° " " " " "
2108 A/H TO 222° " " " " "
2200 A/H TO 218° " " " " "
2243 TURN TO LINE # 14 HDG 345°
2335 A/H 2° L TO MAINTAIN TRACK.

40 07
71 50W

2400 WATCH RELIEVED BY R. WEEKS

J N Gay

0100 49746 - 70216
0150 C/C 221° FINISH LINE #14 START LINE #15 (49774-70191)
0200 49724 - 70193
0300 49797 - 70208
0400 49869 - 70220
0500 49937 - 70234
0544 C/C 330° AT 49987-70246 END LINE #15 START LINE #16
0600 49980 - 70237 - COPY WX - WATCH RELIEVED BY CAPT. GAY

Richard W. Weeks

0630 SLOW TO 4.5 K
0902 START LINE #17
1000 STARTED CIRCLING
1025 SQUARED AWAY ON TRACK HDG 304°
1200 WATCH RELIEVED BY R. WEEKS
1230 49944 - 70130
1300 49949 - 70120
1330 C/C 324° 49961 - 70112 END LINE #17 START LINE #18
1400 49957 - 70099
1500 49946 - 70070
1530 C/C 198° 49942 - 70055 END LINE #18 START LINE #19
1600 49966 - 70063
1650 SUBMARINE ON SURFACE SPOTTED 3mi PORT QUARTER
1700 50015 - 70087
1800 50070 - 70107 COPY WX - WATCH RELIEVED BY CAPT GAY

Richard W. Weeks

1820 START LINE 20 HDG 220°
2219 START LINE 21 HDG 303 + CRAB
2330 FINISH LINE HAULED PARAVANES
2345 ONE PREPARING TO HAUL GEAR
2400 FINEX, GOAR ABD, INBOUND FOR ATLANTIC CITY
WATCH RELIEVED BY R. WEEKS

J N Gay

SATURDAY 20 MAY 1978

0045 A/H 247° 52480 - 70123

0500 WIND PICKED UP DURING THIS WATCH FROM 10 TO 20 MPH OUT OF SW
SEAS OUT OF S.W. 1' BAR. 30.06 S

0530 51268 - 70117

0600 WATCH RELIEVED BY CAPT. GAY - Richard W. Weeks

0850 DOCKED, STARBD DOCK. PORT SIDE TO. FWE

0900 REFUELING ETC.

~~1630~~

1330 STUDENTS FROM DEL. + USGS PARTS DEPARTED. MOVING SHIP TO BACK COVE TO LIFT OFF OCEANATOR FOR OMI.

1500 RETURNED TO STARBS. STANDING BY TO DEPART.

1630 CAST OFF, OUT-BOUND.

1645 ABEAM SEA BUOY, SET CRS 205° GFR.

1710 SLOWED ENGINES. WE GOT A SLUG OF H_2O IN THE FUEL.

1750 RESUMED SPEED. HDG 150°

2137 ON STATION. NAV. TAKEN OVER BY OMI. NEW HDG 080°

2231 START LINE # 9200

2337 FINISH LINE # 9200 C/C 020°

2400 WATCH RELIEVED BY R. WEEKS J.H. Gay

SUNDAY 21 MAY 1978

0006 C/C 315°

0030 C/C 135°

0045 START LINE #

0140 FINISH LINE # - HAUL GEAR + PARAVANES

0200 GEAR HAULED - SET CRS. 291° FOR LEWES (HALLELUJA!!)

0210 A/H 286°

0300 A/H 280° 52030 - 70512

0400 A/H 282° 52073 - 70462

0430 A/H 284 52111 - 70433

0530 52203 X 70345 - DEXTORS H_2O SAMPLE

0600 WATCH RELIEVED BY J. GAY
Richard W. Weeks

0820 DOCKED U OF DEL. LEWES - FWE.