POWELL 1985
SHIPS LOG

P2,3,4

85004, 85005, 85007

85004
85005
85007 104148
POWL P2, P3, P4

Scanlon

85004 bri
85005 bri
85007 bri

J.W. Powell

SHIP'S LOG

28 Feb → 28 Mar → 11 Apr
1985

Legs P.2.85
P.3.85
P.4.85

~~to~~ AT SAN JUAN PUERTO RICO Date THUR 28 FEB 1985

REMARKS

0000-0400 MOORED STBD SIDE TO SOUTH BERTH PIER EIGHT SAN JUAN PUERTO RICO. SEA WATCHES ARE IN EFFECT FIRE & SECURITY WATCH SET. SHIP IS ON OWN SHIPS POWER AND SECF SUBSTAINING FROM ANY DOCK SERVICES.

0400-0800 MOORED AS BEFOIZE. GANGWAY WATCH MAINTAINED. ALL SECURE. WEATHER WARM, HUMID, LT. AIRS, CLOUDY OCCASIONAL LT. RAIN. [redacted]

08-1200 MOORED AS BEFORE [redacted]

1200-1600 MOORED AS BEFORE [redacted]

1600-2000 MOORED AS BEFORE. 1950 LET GO 1952 CLEAR OF BERTH MANEUVERING CHANNEL INFORMED HARBOR CONTROL U/W [redacted]

2000-2400 UNDERWAY AS BEFORE 2015 PASS BETWEEN BOUYS 1 & 2 C/C 010° 2042 C/C 090° SLOWED TO CLUTCH SHED PREP TO PUT SEISMIC GEAR IN WATER. 2116 C/S TO 700 RPM SEISMIC GEAR IN WATER Ship Rolling with Beidl Roll In ENE Sea and Swell. Rain Squalls. Warm Humid. [redacted]

CHIEF MAT [redacted] MAS [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	
STEERING	SAT	SAT	AUTO PILOT: GYRO SAT MAGNETIC
NAV LIGHTS	SAT	SAT	
VHF RADIO	SAT	SAT	

to GRAVITY OPS. AREA Date FRIDAY, 1 MARCH 1985

REMARKS Z+4

0000-0600 UNDERWAY ON COURSE 090° PGC @ 780 RPM, 6.0 KTS CONDUCTING GRAVITY & SEISMIC SURVEY ON LINE #22. TOWING AIR GUNS, S/C STREAMER, UNIBOOM STREAMER, & UNIBOOM FISH. VESSEL ROLLING & PITCHING EASILY IN LT. E'LY SEA & LOW SWELL, WARM, HUMID, PARTLY CLOUDY W/ OCCASIONAL SQUALLS, GOOD VISIBILITY. [redacted]

0600-1200 UNDERWAY AS BEFORE 0732 COMPLETED LINE #22 SLOWED TO CLUTCH COMMENCED RETRIEVING AIR GUNS. 0745 AIR GUNS RETRIEVED. 0747 COMMENCED. SLOW TURN TO PORT TO C-275°. 0749 C/C 000° PGC 0900 C/S TO CLUTCH 0930 ONLINE 19 C/S TO 270 PGC ~~725 RPM'S~~ 0938 C/S TO 700 RPM'S. - Set Clouds. Bright Warm Humid Day Easy Swell from ENE Gentel Breeze. SHIP RIDING IN LAZY Roll WITH Following SEA. VISIBILITY IS UNLIMITED TO THE HORIZION [redacted]

1200-1800 UNDERWAY AS BEFORE. 1208 C/S to CLUCTH To RECOVER AIR GUNS. 1218 C/S TO 700 RPM. 1425 LAUNCH AIR GUNS. VESSEL ROLLING EASILY IN LT-MOD. ENE'LY SEA & SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

1800-2400 Underway As Before VESSEL Rolling EASILY IN a. LT-MOD ENE'LY SEA & SWELL WARM HUMID PARTY CLOUDY GOOD VISIBILITY ~~NON~~ NO RAIN BRIGHT MOON. [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	
STEERING			AUTO PILOT: GYRO MAGNETIC
NAV LIGHTS			

to GRAVITY OPS. AREA Date SATURDAY, 2 MARCH 1985

REMARKS ZD + 4

0000-0600 UNDERWAY ON COURSE 270° PGC @ 750 RPM, 7.3 KTS. CONDUCTING GRAVITY & SEISMIC SURVEY ON LINE #19. TOWING AIR GUNS, UNIBOOM SLED & STREAMER, S/C STREAMER. 0219 END OF FT LINE #19, C/C TO 180° PGC. 0255 C/C TO 270° PGC, START LINE #2. VESSEL RIDING EASILY IN A FOLLOWING E'LY SEA & SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

0600-1200 Underway As Before 0825 COMPLETED LINE 19 C/C 000 0840 COMMENCED SHAPING INTO LINE 18 0910 ON LINE 18 C-090° VESSEL PITCHING EASILY IN E'STLY SEA & SWELL SCT C/B CLOUDS AROUND HORIZION WARM, SULTRY VISIBILITY UNLIMITED TO HORIZION

[redacted]

1200-1800 UNDERWAY AS BEFORE. 1332 END OF LINE #1. 1337 C/C TO 000° PGC. 1405 C/C TO 090° PGC. 1611 START LINE #18. VESSEL PITCHING & ROLLING LT-MOD. IN MODERATE EXN'LY SEA & SWELL, PARTLY CLOUDY, WARM, HUMID, GOOD VISIBILITY. [redacted]

[redacted]

1800-2400 Underway As Before 2305 C/C 270° PGC TO GO BACK DOWN TRACK SPEED IN PUT BAD. Will close track until OPS control available then Resumb. Survey at λ 66-32W :- Weather unchanged from previous watch Entry. 2328 STEADY C-270°

[redacted]

CHIEF MAT[redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to GRAVITY OPS. AREA Date SUNDAY, 3 MARCH 1985

REMARKS 2 & 4

0000-0600 UNDERWAY ON COURSE 270° PGC @ 750 RPM, 7.5 KTS. VESSEL UNABLE TO ACCURATELY TRACK SPEEDS W/ DOPPLER SONAR, PRESENTLY DEADHEADING WEST AWAITING GPS POSITION TRACKING. TOWING UNIBOOM SLED & STREAMER, S/C STREAMER, AIR GUNS. 0112 G/S TO 600 RPM. 0135 G/C TO 180° PGC, G/S TO 750 RPMs. 0156 G/C TO 090° PGC, START LINE # 18. VESSEL PITCHING & ROLLING LT-MOD IN A MODERATE E'LY SEA & SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY.

[redacted]

0600-1200 UNDERWAY AS BEFORE 0800 COMPLETED LINE 18 C/C 298° HEADING FOR LINE 48 0832 C/C 291° 0910 C/C 295° 1114 COMMENCED SHAPING INTO LINE #8 1144 ON LINE. VESSEL ROLLING LT-MOD IN A MODERATE E'LY SEA & SWELL [redacted] PARTLY CLOUDY GOOD VISIBILITY BRIGHT DAY.

[redacted]

1200-1800 UNDERWAY AS BEFORE. 1259 START LINE [redacted] 107 G/C TO 060° PGC, END OF LINE #48. 1725 G/C TO 274° PGC, START SHAPING INTO LINE 722. 1740 G/S T. 700 RPM. 1745 START TIE LINE 722. VESSEL RIDING EASILY IN LT. E'LY FOLLOWING SEA, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY.

[redacted]

1800-2400 Underway As Before 1 & 10 Have experienced problem with Streamer Hydrophones. Con making Repairs now C/C 293° to Run new Tie Line for gravity. Will continue Survey Tomorrow on Eastbound leg. 2130 Repairs MADE TO STREAMER VESSEL RIDING EASILY IN LT E'LY SEA & SWELL INCREASING CLOUDYNESS HOT HUMID GOOD VISIBILITY.

[redacted]

CHIEF [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	
STEERING			AUTO PILOT: GYRO MAGNETIC
NAV LIGHTS			

to GRAVITY OPS. AREA Date MONDAY, 4 MARCH 1985

REMARKS ZD +4

0000-0600 UNDERWAY ON COURSE 294° PGC @ 700 RPM, 7.4 KTS. CONDUCTING GRAVITY SURVEY ON TIE LINE #47A. TOWING AIR GUNS, 4C STREAMER, UNIBOOM SLED & STREAMER, BUT NOT CONDUCTING SEISMIC SURVEY DUE TO STREAMER HYDROPHONE MALFUNCTION. 0116 END OF LINE #47A. 0134 4/C TO 225° PGC, START LINE #~~48~~47 0439 END OF LINE #47. 0446 4/C TO 090° PGC, START LINE #722C, 4/S TO 750 RPM. VESSEL PITCHING EASILY IN LT. E'LY SEA & LOW SWELL, WARM/HUMID, PARTLY CLOUDY, GOOD VISIBILITY.

[redacted]

0600-1200 Underway As Before. 0553 C/C 15 0604 C/C 118 0611 C/C 124 0612 C/C 126 0619 C/C 080 0642 PT MORRILLOS LT STRUCTURE A/B TO STBD D/O 6/10 mi. 0647 C/C 076 0650 C/C 070 0652 C/C 083 0657 C/C 080 0718 C/C 085 0723 C/C 091 0738 C/C 100 0743 C/C 105 0814 C/C 107 0828 C/C 041 0844 C/C 091 0847 C/C 031 0855 C/C 075 0904 C/C 095 0942 C/C 18 1000 C/C 060 1007 COMMENCED SWING INTO LINE # 722 C 090 1020 ON LINE C 093 BASE. Bright Clear day Hot Humid Barometer Steady Light Chop from East with Light Swell.

[redacted]

1200-1800 UNDERWAY AS BEFORE. 1218 4/S TO 600 RPM, RECOVER UNIBOOM STREAM 1259 4/S TO 750 RPM, LAUNCH UNIBOOM STREAMER. 1405 END OF LINE #722C, 4/C TO 155°PGC. 1435 4/C TO 090° PGC. 1438 START LINE [redacted] 24. VESSEL PITCHIN & ROLLING EASILY IN A LT-MOD ENE'LY SEA & SWELL, WARM HUMID. PARTLY CLOUDY, GOOD VISIBILITY.

[redacted]

1800-2400 Underway As Before 2125 Completed Line 24 4/C 320° 2135 Slowed To Clutch Retrieving Air Gun 2150 Guns Retrieved 4/S To 750 RPM 2220 Slowed To Clutch 2240 Guns In Water 4/S To 750 RPM's Vessel Rolling Easily IN LT ENE'LY SEA & SWELL Warm Humid Good Visibility Bkn Clouds

CHIEF MA[redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	
STEERING			AUTO PILOT: GYRO MAGNETIC
NAV LIGHTS			

to GRAVITY OPS. AREA Date MONDAY, 4 MARCH 1985

REMARKS ZD +4

0000-0600 UNDERWAY ON COURSE 294° PGC @ 700 RPM, 7.4 KTS. CONDUCTING GRAVITY SURVEY ON TIE LINE #47A. TOWING AIR GUNS, 4C STREAMER, UNIBOOM SLED & STREAMER, BUT NOT CONDUCTING SEISMIC SURVEY DUE TO STREAMER HYDROPHONE MALFUNCTION. 0116 END OF LINE #47A. 0134 4/C TO 225° PGC, START LINE #18.47 0439 END OF LINE #47. 0446 4/C TO 090° PGC, START LINE #722C, 4/S TO 750 RPM. VESSEL PITCHING EASILY IN LT. E'LY SEA & LOW SWELL, WARM/HUMID, PARTLY CLOUDY, GOOD VISIBILITY.

[redacted]

0600-1200 Underway As Before. 0553 4/C 15 0604 4/C 118 0611 4/C 124 0612 4/C 126 0619 4/C 080 0642 PT MORRILLOS LT STRUCTURE A/B TO STBD D/O 6/10 mi. 0647 4/C 076 0650 4/C 070 0652 4/C 083 0657 4/C 080 0718 4/C 085 0723 4/C 091 0738 4/C 100 0743 4/C 105 0814 4/C 107 0828 4/C 041 0844 4/C 091 0847 4/C 031 0855 4/C 075 0909 4/C 095 0942 4/C 18 1000 4/C 060 1007 COMMENCED SAILING INTO LINE # 722 C 090 1020 ON LINE C 093 BASE. Bright Clear day Hot Humid Barometer Steady Light chop from East with Light Swell.

[redacted]

1200-1800 UNDERWAY AS BEFORE. 1218 4/S TO 600 RPM, RECOVER UNIBOOM STREAMER 1259 4/S TO 750 RPM, LAUNCH UNIBOOM STREAMER. 1405 END OF LINE #722C, 4/C TO 155° PGC. 1435 4/C TO 090° PGC. 1438 START LINE [redacted] VESSEL PITCHING & ROLLING EASILY IN A LT-MOD ENE'LY SEA & SWELL, WARM HUMID. PARTLY CLOUDY, GOOD VISIBILITY.

[redacted]

1800-2400 Underway As Before 2125 Completed Line 24 4/C 320° 2135 Slowed To Clutch Retrieving Air Gun 2150 Guns Retrieved 4/S To 750 RPM 2220 Slowed To Clutch 2240 Guns In Water 4/S To 750 RPM's Vessel Rolling Easily IN LT ENE'LY SEA & SWELL Warm Humid Good Visibility Bkn Clouds

CHIEF MA[redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to GRAVITY OPS. AREA Date TUESDAY, 5 MARCH 1985

REMARKS ZD +4

0000-0600 UNDERWAY ON COURSE 320°PGC @ 800RPM, 7.4KTS. TRANSITING TO LINE # 54, TOWING UNIBOOM SLED & STREAMER, AIRGUNS, S/C STREAMER. 0045 C/C TO 270° PGC. 0112 C/C TO 172° PGC. 0131 START LINE # 54. VESSEL ROLLING LT-MOD IN A MODERATE ENE'LY SEA & SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

0600-1200 UNDERWAY AS BEFORE TRANSITING LINE # 54. VESSEL ROLLING LT - TO MODERATE IN A MODERATE ENE'LY SEA & SWELL SCT CLOUDS AROUND THE HORIZION WARM HUMID BRIGHT DAY WIND CHOP 2/3 FT ONTOP 6/8FT SWELL VISIBILITY (UNLIMITED) TO THE HORIZION [redacted]

1200-1800 UNDERWAY AS BEFORE. 1215 C/C TO 285° PGC, END OF LINE #54. 1338 C/C TO 000°PGC. 1413 C/C TO 090°PGC. 1444 START LINE # 41. VESSEL PITCHING & ROLLING LT-MOD NE'LY SEA & SWELL, WARM, HUMID, RAIN SQUALLS OCCASIONALLY, MOSTLY CLOUDY, GOOD VISIBILITY. [redacted]

1800-2400 UNDERWAY AS BEFORE 2035 COMPLETED LINE # 41 C/C 238° PGC COMMENCING TRANSIT DOWN TO LINE 56 IN INTERMITTENT RAIN SQUALLS. VISIBILITY NOT ~~IMPAIRED~~ IMPAIRED 2208 C/C 250° PGC. 2213 C/C 254°PGC 2300 COMMENCED STBD TURN TO SHAPE INTO LINE # 56. - VESSEL ROLLING AND PITCHING IN MOD NE'LY SEA & SWELL WARM HUMID. OCCASIONALLY RAIN SQUALLS SOME WITH HEAVY BRIEF RAIN MOSTLY CLOUDY VISIBILITY UNLIMITED OUTSIDE OF SQUALLS. 2335 VESSEL ROLLING HEAVILY ON BASE C-FOR LINE 56 C/C TO LEFT TO 284° PGC HEADING FOR WESTERN END OF LINE 40. [redacted]

CHIEF MA[redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to GRAVITY OPS. AREA Date WEDNESDAY, 6 MARCH 1985

REMARKS ZD +4

0000-0600 UNDERWAY ON COURSE 284° PGC @ 800 RPM, 6.0 KTS. TRANSITING TO WESTERN ENDPOINT OF LINE #40. TOWING UNIBOOM SLED & STREAMER, AIR GUNS, S/C STREAMER. 0329 C/C TO 000° PGC. 0400 C/C TO 090° PGC, C/S TO 750 RPM. 0419 NOTIFIED BY CHIEF SCIENTIST TO PROCEED FOR EASTERN ENDPOINT OF LINE #40, TOO ROUGH TO SURVEY ON 090° HEADING. VESSEL PITCHING MODERATELY IN A MODERATE E'LY SEA & SWELL. WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

0600-1200 Underway As Before BROKEN CLOUD COVERAGE WITH INTERMITTENT RAIN SQUALLS. VESSEL PITCHING HEAVILY AT TIMES FROM [redacted] ENE'LY SEA & SWELL OFF IN AN E'LY FRESH BREEZE. BAROMETER [redacted] REMAINING STEADY HOT AND HUMID VISIBILITY UNLIMITED. [redacted]

1200-1800 UNDERWAY AS BEFORE. 1245 C/C TO 270° PGC. 1328 START LINE #40. 1340 RECOVER UNIBOOM STREAMER. VESSEL ROLLING & YAWING IN MODERATE E'LY SEA & SWELL, WEATHER COOL, MILD & WET, COAST SKIES WITH SHOWERS, VISIBILITY GOOD. [redacted]

1800-2400 Underway As Before. 1843 COMPLETED LINE 40 1853 C/C 295° PGC. 1920 COMMENCED SKAPING INTO LINE 39 1955. ON LINE 39. VESSEL ROLLING & YAWING IN MODERATE E'LY SEA & SWELL COOL & MILD WITH OCCASIONAL RAIN SQUALLS OVERCAST DISTANT LIGHTNING IN THUNDERHEADS ON HORIZON. VISIBILITY GOOD [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	
STEERING			AUTO PILOT: GYRO MAGNETIC
NAV LIGHTS			

to GRAVITY OPS. AREA Date THURSDAY, 7 MARCH 1985

REMARKS ZD +4

0000-0600 UNDERWAY ON COURSE 090° PGC @ 750 RPM, 5.5 KTS TRANSITING TO EASTERN ENDPOINT OF LINE #39, TOWING UNIBOOM SLED, AIR GUNS, S/C STREAMER. 0523 C/C TO 270° PGC. VESSEL RIDING EASILY IN MODERATE E'LY FOLLOWING SEA & SWELL, WARM, HUMID, PARTLY CLOUDY, OCCASIONAL SQUALLS, GOOD VISIBILITY. [redacted]

0600-1200 Underway As Before Vessel Riding EASILY WITH A FIGURE EIGHT from A NE following SEA. SCT CLOUDS AROUND THE HORIZION GOOD VISIBILITY BRIGHT, WARM, HUMID BAROMETER STEADY SLIGHT WIND CHOP ON 4/6 FOOT SWELL

1200-1800 UNDERWAY AS BEFORE. 1205 END OF LINE #39. 1215 C/C T 310° PGC. 1247 C/C TO 045° PGC. 1300 SOUNDED ALARM FOR FIRE DRILL, LE OUT AND CHARGED HOSES, #1, #2, #5. 1321 SECURED FROM FIRE DRILL, SOUNDED ALARM FOR BOAT DRILL, INSTRUCTED CREW & SCIENTIST ON PROPER LAUNCHING OF RAFTS & MAN OVERBOARD PROCEDURES, INSTRUCTED CREW IN USE OF SCOTT AIR PAK EMERGENCY BREATHING APPARATUS. 1330 C/C TO 090° PGC, START LINE #38, C/S TO 825 RPM. 1335 SOUNDED ALARM TO SECURE FROM DRILLS. 1430 NOTIFIED BY CHIEF SCIENTIST TO TRANSIT TO EAST ENDPOINT ON LINE #15. VESSEL PITCHING & ROLLING LT-MOD IN A MODERATE E'LY SEA & SWELL, WARM HUMID, PARTLY CLOUDY, OCCASIONAL SQUALLS, GOOD VISIBILITY. [redacted]

1800-2400 Underway As Before 2030 Reached End of Line 38 C/C 060° Heading For Line 15 2300 C/C 045 Vessel Pitching & Rolling in a Mod E'NE'ly Sea & Swell Warm Humid Intermittet Rain Squalls Heavy at Times Visibility 6 to 8 mi Haze Around Horizon Bkn Clouds occasional Moon Barometer Rising. 2354 C/C To 270° PGC

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to GRAVITY OPS. AREA Date FRIDAY, 8 MARCH 1985

REMARKS ZD +4

0000-0600 UNDERWAY ON COURSE 270° PGC, @ 750 RPM, 7.0 KTS. TRANSITING TO START ON LINE #15, TOWING UNIBOOM SLED, AIR GUNS, S/C STREAMER. 0217 START LINE #15. 0400 C/S TO 700 RPM. VESSEL RIDING EASILY IN A MODERATE EXN'LY FOLLOWING SEA, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

0600-1200 Underway As Before 1020 Received Alarm Mobil Unit 1 Survey Marine That Transponder Had Wire Pulled Out of Connector Will Attempt To Fix and Can Us Back On 82. He Was Asked To Place It Looking South So We Can Interrogate It Along South Coast Transit — Weather: - Vessel Riding Easily in a Mod Exn'ly Following Sea 4/6 Ft With 1 Foot Wind Chop. Warm. Sultry Haze All Around Horizon Visibility Abt 6-8mi [redacted]

1200-1800 UNDERWAY AS BEFORE. 1525 TERMINATE SURVEY OF LINE #15, C/C TO 088° PGC, C/S TO 900 RPM, TRANSITING TO EASTERN ENDPOINT ON LINE #14. 1615 C/S TO 800 RPM. VESSEL PITCHING & ROLLING LT-MOD IN A MODERATE E'LY SEA & SWELL, WARM, HUMID, CLOUDY & HAZY, GOOD VISIBILITY. [redacted]

1800-2400 Underway As Before 2215 C/C 085 PGC Vessel Pitching and Yawing In a Head Sea, Moderate, Warm Humid with Surface Haze Visibility 6 Mi. 2336 C/C 078° PGC [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to GRAVITY OPS. AREA Date SATURDAY, 9 MARCH 1985

REMARKS 2b +4

0000-0600 UNDERWAY ON COURSE 088° PGC @ 800 RPM, 5.3 KTS. TRANSIT TO EASTERN END POINT OF LINE #36, TOWING UNIBOOM FISH, 4/c STREAMER, AIR GUNS. 0115 4/c TO 000° PGC. 0132 4/c TO 270° PGC, 4/s TO 720 RPMs, START LINE #36. VESSEL RIDING EASILY IN A LT-MOD E'LY FOLLOWING SEA, WARM, HUMID CLOUDY & HAZY, OCCASIONAL RAIN SQUALLS, VISIBILITY GOOD TO [redacted]

0600-1200 Underway As Before. 0700 Visually Established Comms on VHF 13 with Navy ship 1093. Tie said Not Guarding 16. Sled Bow 5 mi The agreed to Open closing Dist By 3 mi. 0721 1093 Passed Astern as agreed. 1055 Buoy "A" 2" A/B STBD D/o 1.3 mi Buoy Watching "ARRECIFE GUNFIRING" 1145 LAS MARINAS SEA Buoy A/B To STBD D/o 1504DS Vessel Riding Easily In a Lt-Mod E'ly Sea & Swell on a Following aspect. Warm Humid Cloudy with Surface Haze Visibility 6-8 mi. [redacted]

1200-1800 UNDERWAY AS BEFORE. 1420 END OF LINE #36, 4/c TO 090° PGC. 1427 4/s TO 800 RPM. 1430 4/c TO 230° PGC. 1437 4/s TO 600 RPM. 1448 4/s TO 800 RPM. 1453 4/s TO 600 RPM. 1507 RECOVER SEISMIC GEAR, UNIBOOM STABILIZING FIN DISLOCATED & LOST FROM UNIBOOM FISH. 1512 ALL STOP. 1515 RECOVERED SEISMIC GEAR, 4/s TO 850 RPM, 4/c TO 270° PGC. 1527 4/c TO 000° PGC, LAUNCH 4/c STREAMER. 1545 LAUNCH AIR GUNS. 1556 4/c TO 270° PGC, 4/s TO 700 RPM, START LINE #14. VESSEL RIDING EASILY IN LT-MOD E'LY SEA & SWELL, WARM, HUMID, PARTLY CLOUDY & HAZY. GOOD-FAIR VISIBILITY. [redacted]

1800-2400 Underway As Before 1800 4/c 120° PGC 4/s to 900 1900 4/c 090° PGC Vessel Riding Mod - In a Head Sea and Swell. Partly Cloudy. Hot Humid Surface Haze Good Visibility John E Vaughn

CHIEF MAT [redacted] MA [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	
STEERING			AUTO PILOT: GYRO MAGNETIC
NAV LIGHTS			

to GRAVITY OPS AREA Date SUNDAY, 10 MARCH 1985

REMARKS ZD+4

0000-0600 UNDERWAY ON COURSE 090° PGC @ 900 RPM, 7.1 KTS. TRANSITING TO LINE #15, TOWING AIR GUNS & S/C STREAMER. 0045 C/C TO 000° PGC. 0105 C/C TO 270° PGC, C/S TO 700 RPM, START SURVEY ON LINE #15. VESSEL RIDING EASILY IN LT. ENE'LY SEA & SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY.

[redacted]

0600-1200 Underway As Before. 0700 PASSED F/V GEORGINA I A/B TO PORT D/O 1/4 MI 1118 COBO ROJO LIGHT STRUCTURE A/B TO STBD D/O 6 MI VESSEL RIDING EASILY IN A FOLLOWING MOD EASTERLY SEA & SWELL BRIGHT SUNNY DAY SCT CLOUDS AROUND HORIZION VISIBILITY UNLIMITED TO HORIZION HOT HUMID BAROMETER STEADY

[redacted]

1200-1800 UNDERWAY AS BEFORE. 1429 END OF LINE #15. 1445 C/C TO 085° PGC. 1519 C/S TO 600 RPM. 1521 C/S TO 700 RPM. VES[redacted]ING AND ROLLING IN A LT. E'LY SEA & MODERATE, CHOPPY ESE'LY SWELL, WARM, HUMID, CLOUDY, GOOD VISIBILITY. [redacted]

1800-2400 Underway As Before 1847 COBO ROJO LIGHT A/B TO PORT D/O 2.9 MI 2004 C/C 090° PGC 2015 C/C 095° 2110 C/C 080° 2238 C/C 090° Vessel Rolling and Pitching LT'Ly in an E'ly HEAD SEA & SWELL occasionally the sea will SASHAY the ship. Warm Humid Good Visibility. 2342 C/C 115° PGC

[redacted]

CHIEF MATE[redacted] MASTER

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to GRAVITY OPS. AREA Date MONDAY, 11 MARCH 1985

REMARKS ZD +4

0000 – 0600 UNDERWAY ON COURSE 115° PGC @ 700 RPM, 6.5 KTS TRANSITING TO LINE #15, TOWING S/C STREAMER & AIRGUNS. 0045 C/C TO 090° PGC. 0315 C/S TO 750 RPM. VESSEL PITCHING & ROLLING LT-MOD IN A MODERATE E'LY SEA & SWELL, WIND VELOCITY INCREASING, WARM, HUMID, PARTLY CLOUDY, BAROMETER STEADY, VISIBILITY GOOD. [redacted]

0600-1200 Underway As Before 0755 RAFAEL RODRIGUEZ CALL VIA VIRGIN ISL RADIO INFORM JUAN THAT WIFE MAY LOOSE ~~BABY~~ BABY. PLACED CALL TO JUANS HOME MOTHER TO BE OK. PROBLEM NOT AS SEVIER AS FIRST THOUGHT. 0910 TERMINATED LINE 15 0913 C/C 075 HEADING FOR LINE 36. 0950 C/C 358 C/S TO 900 RPM'S 1029 C/C 353° 1106 SLOWED TO CLUTCH TO RETRIEVE SEISMIC EQUIPT. 1120 SEISMIC GEAR ALL RETRIEVED & C/S TO 900 RPM'S. HEADING FOR ROOSEVELT ROADS BREAKING OFF OPS EARLY TO TAKE JUAN IN. DECISION TO DO SO DETERMINED BY PARTY CHIEF. CONCURRED BY MASTER. [redacted]

1200-1800 UNDERWAY AS BEFORE. 1201 C/C TO 025° PGC, #2 @ 031.5° PGC @ 0.72 MI. 1205 #2 A/B TO STBD. 1210 #4 A/B TO STBD. ~~1217~~ 1217 #6 @ A/B TO STBD. 1226 A/B #1, C/C TO 315° PGC. 1229 A/B #3. 1236 C/C TO 002° PGC. 1238 C/C TO 055° PGC, MANEUVERING TO BERTH. 1243 FIRST LINE. 1250 ALL FAST, STARBOARD SIDE TO BERTH "C" ROOSEVELT ROADS NAVAL REV. FWE, SECURED STEERING. [redacted]

1800-2400 PROCEED AS BEFORE [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to Roosevelt Roads Nav Sta Date 12 March 1985 Tuesday

REMARKS

0000-2400 Moored Slbd side to Berth, Bulk head "Charlie" US Nav Sta Roosevelt Roads Puerto Rico. Ship is Self substaining. Fire and Security watch Cue in place. Weather light air Mid Cool Night.

[redacted]

0000-2400 Moored Cs Before 13 March 85 Wed.
0820 Fuel Barge alongside 0840 Commenced fueling ship
0943 Completed fueling ship. gal Received By Meter
During the Process of YTB Removing Barge while lines still Made up to Powell We were pulled along side Dock and Gangway Suffered damage. Memo sent to Port Svc. Officer asking for them to Repair damage.

[redacted]

CHIEF MATE [signature] MASTER

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to AT Roosevelt Roads. P. R. Date Thurs 14 Mar 1985

REMARKS

0000-~~1200~~ 1600 Moored Stbd side to Berth Bulkhead "Charlie" USNov sta Roosevelt Roads. Puerto Rico. Ship is self substaining fire and security Watch are in place

1310 Let Go Underway. 1320 Buoy #6 A/B To Port. C/C 135° C/S TO 800RP

1326 Buoy 3 A/B To STBD 1330 Buoy 1 A/B To STBD C/C 220°

1345 C/C 210° 1357 C/C 159 1435 C/S 600 RPM put out uniboom sled, S/C str., air guns, uniboom streamer 1450 C/S to 800 RPM Moderate Roll in easterly sea/swell, warm, ptly cldy, good visibility

[redacted]

1600-~~2000~~ 1800 UNDERWAY AS BEFORE. 1605 C/C TO 090° PGC. 1635 C/S TO 900 RPM. VESSEL PITCHING EASILY TO MODERATE AT TIMES IN A MODERATE E'LY SEA AND SWELL, PARTLY CLOUDY, WARM & HUMID, GOOD VISIBILITY.

[redacted]

1800-2400 Underway As Before. 2040 C/C [redacted] (AVOIDED CONTACT.) Vessel Pitching Es'ly to Moderate at time in a Moderate E'ly Sea and Swell. Barometer on the rise Partly cloudy Rain Squalls around Horizon Warm Humid Good Visibility

[redacted]

CHIEF MATE [signature] MASTER [signature]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING	o/c	o/c	AUTO PILOT: GYRO o/c	MAGNETIC ooc
NAV LIGHTS	o/c	o/c		

to Gravity Ops Area Date Fri 15 March, '85

REMARKS 2014

0000-0600 Underway on Course 090 PGC @900 RPM, 7.5 kts., Transiting to line #35, towing Uniboom ~~sled~~ streamer, air guns, S/C streamer 0150 C/C 270, C/S 700R, 0213 started line 35. VESSEL RIDING EASILY IN LT-MOD FOLLOWING E'LY SEA & SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY [redacted]

0600-1200 Underway As Before 0620 C/C 280 TO PASS ASTERN OF TUG AND TOW. 0625 C/C 265 STARING BACK ONTO LINE. — HAVE AIR GUN LEAKING #30 COMMUNICATED W.TH TAGG CH 82. SEITING STATION ON ST THOMAS AT THIS TIME. WEATHER. SHIP ROLLING GENTLY IN AN ES'LY FOLLOWING SEA. BRIGHT CLEAR DAY HOT HUMID VISIBILITY UNLIMITED [redacted]

1200-1800 Underway as before 1300 Fire Drill — tested #3 hose, demonstrated Foam & Halon systems 1314 Abandon Ship drill 1318 Completed Fire & boat drills ~~1355~~ 1347 completed Line 35 1355 C/S 600rpm to recover seismic ~~cable~~ gear 1425 seismic gear launched C/S 700rpm C/C 078 1505 C/S 800rpm. 1605 C/S TO 850 RPM. VESSEL PITCHING & ROLLING LT-MOD. IN A MODERATE E'LY SEA AND SWELL, WARM, HUMID, PARTLY CLOUDY, VISIBILITY GOOD. [redacted]

1800-2400 Underway As Before * 2145 C/C TO CLUTCH RETRIEVING AIR GUNS FOR AIR LEAK REPAIR * 2055 C/C 090° 2152 C/S TO 900 RPMS [redacted]

CHIEF MATE [signature] MASTER [signature]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to Gravity Ops Area Date Sat 16 March '85

REMARKS ZULU

0000-0400 Underway on crs 090 pgc, 900 rpm, 7 kts, transitting to line 32, towing air guns and s/c streamer 0020 c/s 600 rpm for retrieval of airguns 0047 c/s 800 rpm, gear streamed 0130 c/s 700 rpm, c/c 270 0206 begin line 32 Vessel riding easily in Light following sea/swell, warm, ptly cldy, good visibility [redacted]

0400-0800 UNDERWAY AS BEFORE. 0701 END OF LINE #32, C/C TO 246° PGC. VESSEL ROLLING LT-MOD IN A MODERATE QUARTERING E'LY SEA & SWELL, WARM, HUMID, PARTLY CLOUDY, OCCASIONAL SQUALLS. GOOD VISIBILITY. [redacted]

0800-1200 Underway As Before 0812 C/C 268° 0825 C/C 271° 1016 Commenced Line 33 1118 End of Line 33 C/C 150° Heading for Line 34. - Vessel Rolling Lt in a Mod Quartering E'ly Sea. Warm Occasional Heavy Squalls. Seas pick up and Wind Build in Squalls. Good Visibility outside of Squall. [redacted]

12-1600 Underway as before 1150 C/C 090, C/S 600 rpm for retrieval of air guns 1242 C/S 800 rpm, air guns streamed 1505 C/S 850 rpm Vessel rolling easily in E'ly sea/swell, warm, overcast, good visibility

Brit Wdmy 2/O

1600-2000 UNDERWAY AS BEFORE. VESSEL PITCHING & ROLLING LT-MOD IN A MODERATE E'LY SEA & SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

2000-2400 Underway As Before. 2120 Conversed on VHF CH 10 with Jay Lynn F/V Eagle Eye Seacaucus 10 mi N/20 fathoms dep. 121 Hells Range Crawl C/C 095° 2140 C/C 090° 2245 Conversed with F/V Islander abt his Gear. 2315 C/C 070 2330 Slowed to clutch R[redacted] Airgun C/C 077° 2338 C/S to 800 RPM [redacted]

CHIEF MAT[redacted] MASTER[redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	
STEERING			AUTO PILOT: GYRO MAGNETIC
NAV LIGHTS			

to Gravity Ops Area Date 17 March '85 SUNDAY

REMARKS ZD +4

0000-0400 Underway on crs 090, 800 rpm, 7 Kts., transitting to line 34 towing air guns and S/C streamer 0028 C/C 270, C/S 700 rpm 0117 begin line 34 Vessel riding easily in following sea/swell, warm, ptly cldy, good visibility

[redacted]

0400-0800 UNDERWAY AS BEFORE. VESSEL RIDING EASILY IN EXS'LY FOLLOWING SEA & SWELL, WARM, HUMID, SCATTERED CLOUDS, GOOD VISIBILITY.

[redacted]

0800-1200 Underway As Before Weather Unchanged from Previous watch Entry

1200-1600 Underway as before 1213 end line 34, C/C 084 1223 C/S 600 rpm airguns retrieved 1255 C/S 700 rpm, air guns streamed, transitting to line 30 Vessel rolling lightly in Easterly sea/swell, weather same as before.

[redacted]

1600-2000 UNDERWAY AS BEFORE. 1835 C/C TO 080° PGC. VESSEL PITCHIN AND ROLLING CT-MOD IN A MODERATE EXS'LY SEA & SWELL WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

2000-2400 Underway As Before 2243 C/C 090° AVOID CONTACT 2248 C/C 080 2320 C/C 090 ON LINE ALSO TO AVOID CONTACT. Vessel Riding with Mod Pitching and Rolling In Mod Est'ly Lead Sea and Swell, Warm, Partly Cloudy Good Visibility Some Isolated Squalls.

[redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to Gravity Ops Area Date 18 March '85 Monday

REMARKS ZD +4

0000-0400 Underway on crs 090, 700 rpm, 6 kts, transitting to line 30, towing air guns and 5/c streamer 0022 5/c 270 0038 Uniboom sled streamed 0046 Uniboom streamer streamed 0112 start line 30 Vessel riding easily in Quartering Sea/swell, warm, Plty cldy, good visibility

[redacted]

0400-0800 UNDERWAY AS BEFORE. 0744 END OF LINE # 30, BEGIN TO SHAPE INTO TIE LINE # 52. 0752 5/c TO 322° PGC. [redacted] EASILY IN LT-MOD ESE'LY SEA & SWELL, WARM, HUMID, CLOUDY, GOOD VISIBILITY.

[redacted]

0800-1200 Underway As Before 0803 Commenced Line 52 0951 Completed Line 52 5/c TO the left steering In on Line 26 1015 Commenced LINE 26 VESSEL RIDING EASILY IN AN ESE'LY SEA & SWELL MODERATE BREEZE SCT CLOUDS BRIGHT SUNNY DAY VISIBILITY UNLIMITED - BASE COURSE LINE 26 090° 1155 Completed Line 26 5/c 135° PGC

[redacted]

1200-1600 Underway as before 1345 5/c 090 Transitting to line 29 Vessel [redacted] riding easily in ESE'ly sea/swell, warm, Plty cldy, good visibility

[redacted] 2/0

1600-2000 UNDERWAY AS BEFORE. 1630 5/c TO 100° PGC TO COMPENSATE FOR N'LY SET. 1700 5/c TO 110° PGC. 1930 5/c TO 090° PGC. VESSEL RIDING EASILY IN LT. ESE'LY SEA & LOW SWELL, SCATTERED CLOUDS, WARM, HUMID, GOOD VISIBILITY.

[redacted]

2000-2400 Underway As Before. 2315 SIGHTED YELLOW FLARES BEHIND US. CIRNETRONICS DEPLOYED WITH 7 FLARES (2 DISPLAYS) ON LAT 18-13N AST 15 MI INFORMED USCG ON VHF 22A - WEATHER UNCHANGED FROM PREVIOUS WATCH ENTRY. [redacted]

2340 5/c 270

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to Gravity Ops Area Date 19 March '85 Tuesday

REMARKS 7D+4

0000-0400 Underway on crs 270, 600 rpm, 5 kts, transitting to line 29, towing air guns, S/C streamer, Uniboom sled/streamer. 0125 start line 29. Vessel riding easily in quarterly sea/swell, warm, ptly cldy, good visibility

Brian Wehmeyer 4O

0400-0800 UNDERWAY AS BEFORE. VESSEL RIDING EASILY IN A LT. ESE'LY SEA & LOW SWELL, PARTLY CLOUDY, WARM, HUMID, GOOD VISIBILITY [redacted]

0800-1200 Underway As Before 0915 Completed [redacted] C/C 333 0930 Commenced steering into Line 28 Recovered S/C Streamer for Inspection. 0940 Re-streaming S/C Streamer. 1003 On Line 28. 1140 Passing A/B Punta del Soldado 3/10 Hi 3/10 Vessel Riding Easily on a Lt Ese'ly Sea & Swell. Bright Warm Clear Good Visibility. [redacted]

1200-1600 Underway as before 1334 end line 28 Vessel riding easily in ESE'ly sea/swell, ptly, cldy, warm, good visibility

Brian Wehmeyer 4O

1600-2000 UNDERWAY AS BEFORE. 1843 C/C TO 063° PGC. VESSEL ROLLING LT-MOD IN A LT ESE'LY SEA & LOW SWELL, WARM, HUMID, CLEAR, GOOD VISIBILITY [redacted]

2000-2400 Underway As Before 2210 C/C 243° Vessel Rolling Gently on a Lt Ese'ly Sea & Swell Warm, Humid, Clear, Good Visibility, Dark Night No Horizon. [redacted]

CHIEF MAT [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to Gravity Ops Area Date 20 March '85 Wednesday

REMARKS 2074

0000-0400 Underway as before, crs 243°, 600 rpm, 5 kts, transitting to line 28, towing air guns, s/c streamer, Uniboom sled/streamer. 0115 c/c ~~275°~~ 270° PGC 0207 started line 28. Vessel riding easily in Lt quartering sea/swell, warm, pthy, cldy, gd vis.

[redacted]

0400-0800 UNDERWAY AS BEFORE. 0617 END OF LINE #28. 0620 C/C TO 318° PGC, C/S TO 650 RPM. 0652 C/C TO 000° PGC. 0701 C/C TO 090° PGC, C/S TO 700 RPM, START LINE #27. VESSEL RIDING EASILY IN A LT. EXS'LY SEA & ~~LOW~~ SWELL, WARM, HUMID, SCATTERED CLOUDS, GOOD VISIBILITY.

[redacted]

0800-1200 Underway As Before 0825 Completed Line 27 C/C 126° C/S To 850 PPM's 0838 C/S To 800 PPM's 0850 C/C 090 0949 C/S To Clutch 1018 C/S To 700 RPM's Commenced Shooting Into Line 55 Vessel Riding Easily in Lt E'SE'ly Sea & Swell, Mod Breeze & Set. S/C Clouds. Bright, Warm, Humid. Visibility Unlimited. 1050 On Line 55 Bk 147° PGC.

[redacted]

1200-1600 Underway as before. 1333 end line 55 C/C 320 1345 C/S 600 rpm for retrieval of all streamed seismic gear. 1400 all seismic gear aboard, C/S 900 rpm 1433 C/C 306° PGC. Vessel riding easily in Lt. quartering sea/swell, warm, pthy cldy, good vis.

[redacted]

1600-2000 UNDERWAY AS BEFORE. 1610 C/S TO 800 RPM. 1733 C/C TO 315° PGC. VESSEL PITCHING & ROLLING LT-MOD IN A LT. ENE'LY ~~SEA~~ & STEEP N'LY SWELL, WARM, HUMID, CLOUDY, SQUALLS, VISIBILITY GOOD.

Lillehead Jr.

2000-2400 Underway As Before 2120 Sighted 2 Shrimp Flare 1/ STBD Bow Reported To USCG Savannah/Identified Its Origin Unk/Any Obs. 2343 C/C 270° 2343 Commenced Shooting into Line 53 Bk 149° PGC

[redacted]

CHIEF MATE [redacted] MASTE [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to Gravity ops Area Date 21 March '85 Thursday

REMARKS ZD+4

0000-0400 Underway on crs 148° PGC, 600 rpm, 6 kts, shaping in on line 53. 0015 all seismic gear streamed (A/G, S/C str., U/B sled/str.). 0211 start line 53. Vessel rolling lightly in ESE'ly sea/swell, warm, ptly cldy, good vis.

[redacted] /O

0400-0800 UNDERWAY AS BEFORE. 0615 C/C TO 205° PGC. 0653 C/C TO 110° PGC 0742 START SHAPING INTO LINE #53. 0754 ON LINE, C/C TO 149° PGC. VESSEL RIDING EASILY IN LT. EXN'LY SEA & LOW N'LY SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

0800-1200 - Underway As Before 0950 PTA ESTE LIGHT STRUCTURE (VIEQUES IS A/B TO STB'D D/O. 1 1/10 WAY 1032 COMPLETED LINE 53 C/C 125° HEADING TO LINE 54. TO PICK UP HOLE. Vessel Riding Easily In a Bowing Th Sea & Swell from the ESE. Set Clouds around Horizon Mod Breeze, Warm Humid [redacted]

1200-1600 Underway as before 1205 C/C 172, on line 54, air guns retrieved. 1315 air guns streamed. Vessel riding easily in ESE'ly sea/swell, warm, ptly cldy, good vis. [redacted]

1600-2000 UNDERWAY AS BEFORE. 1922 END OF LINE #54. VESSEL ROLLING LT. TO MOD. IN A MOD. ESE'LY SEA & SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

2000-2400 Underway As Before 2015 C/C 090° PGC. 2130 C/C 357 2142 C/C 001 Vessel Rolling Mod in an Easterly Beam Sea & Swell Mod Breeze Visibility Unlimited Warm Humid Dark Night, Black & Stony [redacted]

CHIEF MAT [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to Gravity Ops Area Date 22 March '85 Friday

REMARKS 2D+4

0000-0400 Underway on crs 001° PGC, 600 rpm, 5 kts, ~~shap~~ BJW transitting to line 16. All seismic gear streamed (A/G, S/C str., Uniboom sled/str.). 0040 C/C 017° PGC. 0143 C/C 270, shaping into line 16. 0205 on line 16. Vessel riding easily in following sea/swell, warm, ptly cldy, good vis.

Bill Wehrman 2/0

0400-0800 UNDERWAY AS BEFORE. VESSEL RIDING EASILY IN LT-MOD FOLLOWING EXS'LY SEA & LOW SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

0800-1200 Underway As Before Vessel Riding Easily in an Easterly following sea & Swell. Mod Breeze Bright Sunny Clay Unlimited Visibility Sct S/C clouds Warm Humid. Barometer on the Rise [redacted]

1200-1600 Underway as before. Vessel riding easily, in Lt. following sea/swell, warm, ptly cldy, good vis. [redacted]

1600-2000 UNDERWAY AS BEFORE. VESSEL RIDING EASILY IN LT-MOD. ESE'LY SEA & SWELL, WARM, HUMID, CLOUDY, GOOD VISIBILITY. [redacted]

2000-2400 Underway As Before Vessel Riding Easily In a Following E'SE'Y Sea & Swell. Visibility Unlimited Sct Clouds Warm, Humid, Dark, Night [redacted]

CHIEF MATE [redacted] MAST [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to Gravity Ops Area Date 23 March '85 Saturday

REMARKS 2044

0000-0400 Underway on crs 270° PGC, 600 rpm, 6 kts, working line 16, all seismic gear streamed. 0105 air guns retrieved. 0238 end line 16, C/C 180° PGC. 0325 air guns streamed. Vessel rolling moderately in ESE'ly sea/swell, warm, ptly cldy, good vis.

[redacted]

0400-0800 UNDERWAY AS BEFORE. 0406 C/C TO 090° PGC, S/S TO 750 RPM. 0449 C/C TO 000° PGC. 0525 S/S TO 600 RPM. 0526 START LINE # 45. VESSEL ROLLING LT-MOD IN MOD. ESE'LY SEA & SWELL, WARM, HUMID, SCATTERED CLOUDS, GOOD VISIBILITY.

[redacted]

0800-1200 Underway As Before 0805 C/C 040° TO AVOID CONTACT 0827 PASSED "ASD HEKTOR" SEALAND VESSEL P/S TO PORT 2½ NMI C/C 350° Lt Air, Lt Sea & Swell from East, Visibility Unlimited, Hot Humid. Set C/B & S/C Clouds around Horizon.

[redacted]

1200-1600 Underway as before. Vessel rolling Lt.-Mod. in low NE'ly swell. Warm, ptly cldy, good vis.

[redacted]

1600-2000 UNDERWAY AS BEFORE. 1648 END OF LINE # 45. 1839 S/C TO 226° PGC. VESSEL RIDING EASILY IN A LT. NE'LY SEA & LOW SWELL. WARM HUMID, FEW CLOUDS, GOOD VISIBILITY.

[redacted]

2000-2400 Underway As Before Vessel Riding Easily in a Lt NE'ly Sea and Swell. Warm Humid Barometer Rising Dark Night 235 Commenced Shooting Into Line #3 to the Left B/C 090°

[redacted]

CHIEF M[redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to Gravity Ops Area Date 24 March '85 Sunday

REMARKS 2014

0000-0400 Underway on crs 090° PGC, 600 rpm, 5 kts, staying into line 3, all seismic gear streamed. 0012 start line 3. Vessel riding easily in Lt. NE'ly sea/swell, warm, ptly cldy, good vis. [redacted]

0400-0800 UNDERWAY AS BEFORE. 0437 END OF LINE #3, C/C TO 157° PGC. 0550 BEGIN SURVEY TURN TO RIGHT. 0620 C/C TO 270° PGC. 0625 START LINE #4 VESSEL RIDING EASILY IN LT EXS'LY SEA & LOW NNE'LY SWELL, WARM HUMID, FEW CLOUDS, GOOD VISIBILITY. [redacted]

0800-1200 Underway As Before 1130 Tanker "MANDOLYA" PASSED 2.3 nm AHEAD. C/C TO 285 TO ESTABLISH THIS CPA. SHARPE BACK INTO TRACK LINE TO LEFT. VESSEL Riding Gently in Lt E'ly Swell Lt Air. Visibility UNLIMITED BRIGHT, WARM, HUMID, SCT CLOUDS [redacted]

1200-1600 Underway as before 1250 C/C 280° PGC to avoid "Star Delfi". Unitherm sled/str. retrieved. 1303 C/C 270° PGC, as before. 1414 end line 4, C/C 000° PGC. Vessel rolling lightly in low NE'ly sea/swell, warm, ptly cldy, good vis. [redacted]

1600-2000 UNDERWAY AS BEFORE. 1638 C/C TO 180° PGC. 1711 START LINE #42. VESSEL RIDING EASILY IN LT SEAS & LOW NE'LY SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

2000-2400 Underway As Before. 2020 Converted on YHF 16 with Dutch Trg Constrd off Isla "Monito". No clergery Coverage due to Unlighted Fishermen and Lots of Gill Nets In Area. Will terminate Line Early and avoid risk. 2148 C/C 270° Terminated Line 42 2230 C/C 180° 2250 Commenced Shoppy Tie Line #8) On Line Vessel Riding Easily In Lt Sea & NW Swell. Dark Good Visibility [redacted]

CHIEF MAT [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	
STEERING			AUTO PILOT: GYRO MAGNETIC
NAV LIGHTS			

to Gravity Ops Area Date 25 March '85 Monday

REMARKS ZD74

0000-0400 Underway on Crs 090°PGC, 600rpm 5.2 kts, working line 8, airguns and S/C str. streamed. 0152 end line 8, C/C 083°PGC, shaping into line 7. Vessel riding easily in light NE'ly sea/swell, warm, few scattered clouds, good visibility. [redacted] P/O

0400-0800 UNDERWAY AS BEFORE. 0555 END LINE #7, C/C TO 080° PGC, START LINE #7A. 0728 END OF LINE #7A, C/C TO 043° PGC. VESSEL RIDING EASILY IN LT. SEA, WARM, HUMID, FEW CLOUDS, GOOD VISIBILITY. [redacted]

0750 Commenced Steering Into Line #6 [redacted]

0800-1200 Underway As Before. 0807 On Line Vessel Riding Easily in a Long Roll from th SE. Sea and swell. Sct Clouds Lt Air, Barometer Steady, Warm Humid Bright day. 1149 C/C 000°PGC Heading for Line 5 [redacted]

1200-1600 Underway as before. 1210 start survey turn to 090°PGC. 1259 start line 5. 1526 end line 5, C/C 238°PGC. Vessel riding smoothly in very light NE'ly sea, warm, overcast, good visibility. [redacted]

1600-2000 UNDERWAY AS BEFORE. 1800 C/C TO 227°PGC. 1920 C/C TO 090° PGC. VESSEL RIDING EASILY IN A RIPPLED SEA & LOW NE'LY SWELL, WARM, HUMID, CLOUDY, GOOD VISIBILITY. [redacted]

2000-2400 Underway As Before 2207 End of Line 9. 2209 C/C 175 2240 Commenced steering Into Line #11. Vessel Riding Easily on a Lt Sea & Swell. Hot & Humid Evening Cloudy w/Rain Squalls Lt Air NE'ly Good Visibility Work Night. [redacted]

CHIEF MAT [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to Gravity Ops Area Date 26 March '85 Tuesday

REMARKS 2014

0000-0400 Underway on crs 270°PGC, 600 rpm, 6 kts, working line 11, air guns and S/C str. streamed. 0045 end line 11. 0253 start line 10. Vessel riding easily in light NE'ly sea, warm, overcast, intermittent showers, good visibility. [redacted]

0400-0800 UNDERWAY AS BEFORE. 0454 END OF LINE #10, C/C TO 217° PGC. 0620 C/C TO 090° PGC. 0649 START LINE #12. VESSEL RIDING EASILY IN A LT. ENE'LY SEA AND LOW SWELL, WARM, HUMID, SLY PARTLY CLOUDY AND CLEARING, GOOD VISIBILITY. [redacted]

0800-1200 Underway Cis Before 0900 Completed Line 12 0903 C/C 079 To Intercept Line #13. 1120 Commenced Line 13. Vessel Riding Easily on a Rippled, ENE'ly, Lt Swell, Lt air Clear and Bright, Ventilation Unlimited to Horizon Hot Humid. [redacted]

1200-1600 Underway as before. 1425 end line 13 E/B, C/C 270°PGC. 1438 on line 13 W/B. Vessel riding easily in increasing NW'ly sea, Warm, Overcast, good visibility. [redacted]

1600-2000 UNDERWAY AS BEFORE. 1748 END OF LINE #13. 1750 C/C TO 220°PGC. 1912 C/C TO 087°PGC. VESSEL ROLLING LT-MOD IN A MODERATE NExN'LY SEA & SWELL, WARM, HUMID, PARTLY CLOUDY, GOOD VISIBILITY. [redacted]

2000-2400 Underway Cis Before 2112 C/C 080° 2220 C/C 070° Vessel Rolling Lt to Mod on a NE'ly Swell. Warm Humid Rain Squalls Good Ventilation. [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	
STEERING			AUTO PILOT: GYRO MAGNETIC
NAV LIGHTS			

to Grav Ops Area Date 27 March '85 Wednesday

REMARKS ZULU

0000-0400 Underway on Crs 070°PGC, 600 rpm, 5 Kts, shaping in to line 14, air guns and S/C str. streamed. 0200 C/C 087°PGC, on revised line 14. Vessel riding easily in low NE'ly swell, warm, overcast, good visibility. [redacted]

0400-0800 UNDERWAY AS BEFORE. VESSEL PITCHING & ROLLING LT-MOD IN A MODERATE ENE'LY SEA & LOW SWELL, WARM, HUMID PARTLY CLOUDY, GOOD VISIBILITY, BAROMETER RISING. [redacted]

0800-1200 Underway Cs Be Lose. 0828 Reached End of Line 14 C/C 160° 0830 C/C 180° 1042 C/C 095° Vessel Rolling Easily In a Mod ENE'ly Sea & Swell ovc Visibility Good. Hot Quite Humid Fresh Enely Breeze. [redacted]

1200-1600 Underway as before. Vessel pitching/rolling mod. in NE'ly sea/swell, warm, occaisional squalls, overcast, fair visibility. [redacted]

1600-2000 UNDERWAY AS BEFORE. 1730 END LINE #17A, C/C TO 037°PGC, S/S TO 700 RPM. 1930 S/S TO 600 RPM. VESSEL PITCHING & ROLLING MODERATELY IN A MODERATE NE'LY SEA & SWELL, WARM, HUMID, CLOUDY, OCCASIONAL SPRAY OVER BOW, OCCASIONAL SQUALLS, GOOD VISIBILITY. [redacted]

2000-2400 Underway Cs Be Lose Vessel Pitch and Rolling Mod in a Mod NE'ly Sea & Swell, Shipping water occasionally over the Bow and Boarding after deck Hot Humid Cloudy occasional Squalls Good Visibility Wind Sustained @ 30 kts · 2318 C/C 050 [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

to Gravity ops Area Date 28 March '85 Thursday

REMARKS Z014

0000-0400 Underway on crs 057° PGC, 600 rpm, 3 kts, enroute Roosevelt Roads Harbor air guns and s/c str. streamed. Vessel rolling lt/mod. in NE'ly sea/swell, overcast, warm, high winds, occaisional white water over the bow, good visibility. [redacted]

0400-0800 UNDERWAY AS BEFORE. 0400 s/s TO 800 RPM. 0430 s/s TO 700 RPM. 0505 c/c TO 030° PGC. 0600 c/c TO 045° PGC. 0618 s/s TO 600 RPM, BEGN SEISMIC GEAR RECOVERY. 0628 GEAR ON BOARD, s/s TO 700 RPM. 0630 #2 A/B STARBOARD. 0636 #3 A/B PORT, c/c TO 040° PGC. 0647 #6 A/B TO PORT. 0700 c/c TO 220° PGC, s/s TO 1100 RPM. 0708 s/s TO 1200 RPM. 0718 c/c TO 200° PGC 0720 c/c TO 027° PGC. 0725 s/s TO 1000 RPM. 0742 c/c TO 200° PGC. VESSEL RIDING EASILY IN MODERATE NE'LY SEA & SWELL, WARM, HUMID, O'CAST, GOOD VISIBILITY. [redacted]

0800-1200 Underway Cs Before 0810 c/c 025° 0820 c/c 350 0826 c/c 315° 0838 Laying To IN HARBOR AWAITING SHIP'S Departure AT Pilots REQ 0850 Underway Towards Beta 0910 Running Lines 0928 All FAST BULKHEAD "CHARLIE" QUITTER. SECURED MAIN ENG. [redacted]

1200-2400 Moored As Before.

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY		
STEERING			AUTO PILOT: GYRO	MAGNETIC
NAV LIGHTS				

J.W. Powell ● 1Apr → 11Apr ● Leg P.4.85
Ship's Log 1985

to AT ROOSEVELT ROADS P.R. Date MONDAY 1 APRIL 1985

0000-0400 REMARKS

MOORED STBD SIDE TO BERTH BULKHEAD "CHARLIE" ROOSEVELT ROADS NAVAL STATION P.I. SHIP IS SELF SUBSTITIZING [redacted]

0400-0800 Moored As Before

0800-1200 Moored As Before
0920 Started Main Engines Completed test of Steering and Underway checks
0940 Shut down Main Eng 1000 Started Main Eng
1005 All Clear Hiway 1020 Buoy 3 A/B To STBD 1026
Buoy 1 A/B To STBD C/C 205 1048 Buoy 2 A/B To PORT
C/C 159° On Line 51. Vessel Riding Easily in Lt NE Chop
Clear Bright Visibility Unlimited Hot Humid 1134 Slowed To Clutch [redacted]

1200-1600 Underway as before 1200 C/S 700 rpm 1230 airguns, S/C streamer streamed
1300 Fire Drill, tested #2 hose 1310 Abandon ship drill 1315 secure from drills
~~1440~~ BW 1450 retrieved airguns, S/C str., C/C 105° PGC, C/S 900 rpm. Vessel rolling/pitching lightly/mod in NE'ly sea/swell, warm, scattered high clouds, good visibility. [redacted]

1600-2000 U/W AS before Transiting to begin Survey Line #38.
1815 C/C to 090°T w/ Southwest Cape of ST. CROIX @ 055°T @ 9.8 miles
Vessel Rolling, pitching EASily to NE'ly SEA/swell, OCCASIONAL scattered clouds, GOOD Visibility. [redacted]

2000-2400 Underway As Before 2008 C/C 083° PGC 2142 C/C 085
2327 C/C 000 Slowed To Clutch Putting Seismic in Water. 2350 C/S to 700 RPM's

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY

to Gravity Ops Area Date Tues. 2 April '85

REMARKS ZDTY

0000-0400 Underway on crs. 270°PGC, 700 rpm, 7 kts, shaping into line 38, airguns and S/C str. Streamed. 0010 C/S 600 rpm. 0022 C/S 700 rpm 0040 start line 38. Vessel riding smoothly in lt. following sea/swell, warm, ptly cldy, good vis. [redacted]

0400-0800 U/W AS before. 0705 END of Line #38, C/C to shape up on transit Line to begin Line #37, w/ S.W. Cape of ST. CROIX ON STBD. quarter @ 18 miles. Vessel Rolling; pitching MODERATELY to E'ly SEA & swell. Scattered light clouds, good visibility. [redacted]

0800-1200 Underway As Before 0840 C/C 000 TO CLOSE LINE 37 0851 COMMENCED SHAPING INTO LINE. C/S TO 700 RPM'S 0912 ON LINE Vessel Rolling Easily In an Easterly following Sea Set Clouds Bright clear Visibility Unlimited Hot Humid [redacted]

1200-1600 Underway as before 1231 end line 37 1236 C/C 000°PGC 1433 C/S 600 rpm for gear retrieval. 1448 all seismic gear aboard, C/C 090, C/S 900 rpm. Vessel pitching lt'ly in E'ly sea/swell, warm, increasing cloud cover, good visibility. [redacted]

1600-2000 U/W AS Before. Proceeding Due EAST, MAKING for START of Line # 36. 1900 Ham's Bluff light Ø 161°T @ 11.4 miles. Scattered Cumulus clouds; good visibility. Vessel pitching EASILY. [redacted]

2000-2400 Underway As Before 2107 C/S TO 800 RPM'S. 2310 SLOWED TO CLUTCH PUTTING SEISMIC GEAR IN WATER. SHAPING INTO LINE 38 2325 ON LINE. SEISMIC GEAR STREAMED. Vessel Rolling Gently in a Lt Easterly Sea & Swell Lt Air - Barometer Steady. Visibility Unlimited Hot Humid. 2353 start line 36 [redacted]

CHIEF MATE [redacted] MASTER [signature]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY

to Grav. Ops Area Date Wed. 3 April '85

REMARKS 2014

0000-0400 Underway on crs 270° PGC, 600 rpm, 6.5 kts, working line 36, airguns and S/C str. streamed. Vessel riding smoothly in lt. following swell, warm, overcast, good visibility. [redacted]

0400-0800 Y/W AS Before. 0645 End of Line #36, C/C to 060°T making for start of Line #35 w/ Hams Bluff on ST. Croix @ 18.4 miles ∅ ESE. 0700 INCREASE M.E. RPM to 750, C/C to 065° T. Vessel Rolling EASily to A E'LY Sea, skies cloudy, good visibility. [redacted]

0750 C/C 090°

0800-1200 Underway As Before 0810 C/C 100° PGC. 0840 C/C 000 0845 Commenced Shaping into Line 0855 on Line. 0920 Commenced Line 35 Vessel Riding Gently in Following ESE'ly Sea & Swell mod Swell & Wind chop. Sct Clouds Bright Sunny, Barometer Steady, Visibility Unlimited. [redacted]

~~1200-1600~~ 1200-1600 Underway as before. 1300 end line 35. 1304 C/S 600 rpm for gear retrieval. 1320 all seismic gear aboard, C/C 000° PGC, C/S 900 rpm. 1340 C/C 090° PGC. Vessel rolling/pitching lt/mod in ESE'ly sea/swell, warm, ptly cldy, good vis. [redacted]

1600-2000 Y/W AS before, making for start of Line #34. 1910 Slow M.E. to 700 RPM. Vessel pitching & Rolling MODerately to A SE'Ly SEA & swell. PARTly cloudy, good visibility. [redacted]

2000-2400 Underway As Before 2245 C/C 270° on Line 34. Slowed To Clutch. 1050 Commenced Streaming Seismic Gear. 1105 Completed Streaming Airguns S/C Streamer Deployed. Vessels Riding Quietly in on ESE'ly Gentle Sea & Swell lt Air. Barometer Rising Clear & Hazy Visibility Unlimited [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY

to Grav. Ops Area Date Thur. 4 April '85

2349 start line 34 REMARKS 2 D+4

0000-0400 Underway on crs 270° PGC, 700 rpm, 7 Kts, working line 34, airguns and S/C str. streamed. 0306 end line 34, C/C 126° PGC. Vessel riding easily in lt. ESE'ly swell, warm, few scattered clouds, good visibility. 0345 start line 550 [redacted]

0400-0800 U/W AS before. 0638 END of Line #550. 0641 C/C to 145° PGC w/ East Pt. of ST. CROIX Ø 212° PGC @ 4.3 miles. Fathometer switched on. 0704 C/C to 215° PGC w/ East Pt. Ø 240° PGC @ 3.9 miles. Vessel Riding easily to A Sily swell, partly cloudy, good visibility. [redacted]

0800-1200 Underway As Before Vessel Riding Gently in a E SE'ly Following sea & swell. Lt Air Lt Sea & swell, visibility unlimited. Increasing Cloudiness Barometer on Rise Hot Humid. 1115 COMPLETED LINE 56 SHAPING INTO LINE 758. B/C 308° PGC 1143 Commenced Line [redacted]

1200-1600 Underway as before. Vessel riding smoothly in lt. following swell, warm, ptly cldy, good vis [redacted]

1600-2000 U/W AS Before. 1637 END of Line. 1658 C/C to shape up on Line #16, steering 255° PGC. 1800 C/C to 270 PGC, on Line #16. Vessel Riding EASily to A following sea, partly cloudy, good visibility [redacted]

2000-2400 Underway As Before Point Turn light A/B to STBD D/C 13.2 mi 2242 SLOWED TO CLUTCH SPEED 2300 P/S TO 700 RPMS. Ship Riding Quietly in a NE Sea and swell. Lt Air. Clear Moonlite Night Visibility unlimited. Warm Humid. Lt Hand Chip occasionally 2308 Commenced line 16. [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY

to Grav. Ops Area Date Fri 5 April '85

REMARKS 2074

0000-0400 Underway on crs 270°PGC, 700 rpm, 6.5 kts, working line 16, airguns + S/C str. streamed. Vessel riding easily in lt. following sea/swell, warm, ptly cldy, good visibility. [redacted]

0400-0800 U/W as before. Vessel Riding Ely to A following SEA/Partly cloudy w/ occasional showers, fair V.S.b.l.ty [redacted]

0800-1200 Underway As before. Vessel Riding Easily on a Following Easterly Sea & Swell Mod Breeze. Occasional Rain Squalls. Barometer Rising Visibility Unlimited Hot Humid. [redacted]
1158 end line 16

1200-1600 Underway as before. 1200 C/C 115°PGC 1331 C/C 078°PGC. Vessel pitching/rolling mod./heavy in E'ly sea/swell, warm, Ptly cldy, good vis. [redacted]

1600-2000 U/W AS before MAKING for EAST END of Line #14. 1740 C/C to 090° PGC w/ Cabo Rojo @ 7.0 mi., Pta BREA @ 14.0 mi. 1[illegible] C/C to 105° PGC. 1940 C/C to 085° PGC w/ Cabo Rojo @ 11 mi., Pta. BREA @ 9.1 mi. Vessel pitching & Rolling heavily to A Confused SEA, Swell. Clear skies, fair V.S.b.l.ty. [redacted]

2000-2400 Underway As Before. 2012 C/C 086° PGC 2106 C/C O/B 2112 C/S To 300 RPM'S 2115 C/S TO 700 RPM'S. Ship Rolling and Pitching Mod in a Easterly Head Sea and Swell. Choppy water on Line occasional Clear Bright full Moon. Warm Humid Visibility Unlimited Barometer Rising 2332 C/C 060° PGC 2345 Slowing with Line 14 C/S To 200 RPM'S 2353 On Line [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY

to Grav. Ops Area Date Sat. 6 April '85

REMARKS ZD+4

0000-0400 Underway on crs 270°PGC, 700 rpm, 7 kts, working line 14, air guns and s/c streamer streamed. 0200 c/c 267°PGC. Lighted Buoy (RY, Fl) 3.5 mi SW of Punta Jorobado not sighted visually or on radar. Vessel riding easily in following sea/swell, warm, ptly cldy, good vis. [redacted]

~~0400~~ 0400-0800 U/W as before. Vessel riding easily to a following sea and swell, clear visiblity [redacted]

0800-1200 Underway as Before Ship riding gently in ~~an~~ a Following Easterly Sea & Swell. with Mod Easterly Breeze Set Clouds. Visibility Unlimited Hot Humid

1200-1600 Underway as before 1200 c/c 090°PGC, c/s 900 rpm. Vessel pitching/rolling lt./mod. in mod. E'ly sea/swell, warm, ptly cldy, good visibility [redacted]

1600-2000 U/W as Before. Making way to Line #49. 1250 Cabo Rojo Abeam @ 4.0 Mi. Vessel pitching and Rolling moderately to a Exn'ly Sea. Skies clear, visibility excellent [redacted]

2000-2400 Underway as Before Ship Rolling and Pitching Moderately In a head Easterly Sea and Swell. Clear visibility Unlimited, Warm Humid. Shipping water occasionally over the Bow [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY

to Grav. Ops Area Date Sun 7 April '85

2355 start line 49 REMARKS ZD+4

0000-0400 Underway on crs. 253° PGC, 700 rpm, 7 kts, ~~shaping in on~~ BSW working line 49, airguns and s/c str. streamed. Vessel riding easily in ESE'ly sea/swell, warm, ptly cldy, good visibility.

[redacted]

0400-0800 U/W as before. 0400 End of Line. 0418 C/C to 083° PGC, increase M.E.'s to 850 RPM, heading to begining of Line # 17. 0642 C/C to shape up on Line #17. 0655 C/S to Clutch mode. 0730 C/S to 700 RPM. Vessel Riding Easily to A following Sea & swell. Skies partly cloudy, visibility good.

[redacted]

0800-1200 Underway As Before 1030 Completed Line 17. 1035 C/S to 900 RPM's C/C 340° PGC Took Departure for Tongue of the Ocean. Ship Riding Easily Rolling Moderately In a ESE Following Sea. SCT Clouds Visibility Unlimited. Hot Humid

[redacted]

1200-1600 Underway as before. 1350 C/C 300° PGC to investigate possible vessel in distress. Vessel sighted not vessel in distress as per radio description. No radio contact. 1410 C/C 340° PGC. Vessel rolling slightly in NE'ly sea/swell, warm, ptly cldy, good visibility.

[redacted]

1600-2000 U/W as before. Vessel Rolling & pitching moderately Scattered clouds, good visibility.

[redacted]

2000-2400 Underway As Before. 2012 C/C 294° PGC. Received Broadcast of Pos. Pos. of Vessel "SAMATHA" in distress and adrift In Mona Pass on CH 16. talked with Coast Guard on SSB 2182/2670. They have a Search of 400 Sq mi In Progress centered at 18-05N 67-41W. They do not require any assistance from us. Informed them

CHIEF MATE [redacted] MASTER [redacted]

RE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY

BJW BJW
~~AAGA.~~ ~~SG~~

to Torque of the ocean. Bahamas Date ~~Sunday 7~~ April 1985
~~BJW~~ ~~BJW~~
Sunday 7

2000-2400 (Continuation) REMARKS

would be sunday 2182 Continuously and was continuing my transit to the Torque of the ocean up the Western Coast of Hispaniola. Ship Relay Gently In an Easterly Following Sea & Swell Mod Breeze - Sct Clouds Mostly Light Warm Humid.
2330 Slowed to Clutch. Retrieving Seismic Gear. 2345 Completed Retrieving Seismic Gear. C/S TO 900 RPM Resumed transit to Torque of the ocean. [redacted]

CHIEF MATE [redacted] MASTE[redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	

to T.O.TO. Bahamas Date Mon. 8 April '85

REMARKS ZD +4

0000-0400 Underway on crs 294°PGC, 900 rpm, 8 kts, transitting to T.O.TO. Bahamas - Vessel rolling gently in NE'ly swell, warm, few scattered clouds, good visibility. [redacted]

0400-0800 U/W as before. Vessel Riding easily to following Sea. Occasional clouds, good visibility. [redacted]

0800-1200 Underway As Before 0801 C/C 297° (ADJUST FOR SET) 0904 C/C 303° PGC Ship Riding Gently in a following ENE'ly Sea & Swell. Moderate Breeze Hot Humid Set Clouds, Visibility Unlimited 1130 C/C 294° PGC [redacted]

1200-1600 Underway as before. Vessel riding easily in E'ly sea/swell, warm, scattered clouds on horizon, good visibility. [redacted]

1600-2000 U/W as before. Vessel Riding Easily to a E'ly Sea. Occasional clouds, good Visibility [redacted]

2000-2400 Underway As Before Vessel Riding Gently in a ENE'ly following Sea & Swell. Warm Humid Dark Night 2300 C/C 300° PGC [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	
STEERING			

to T.O.TO. Bahamas Date Tues 9 April '85

REMARKS ZD+4

0000-0400 Underway on crs 300°PGC, 900rpm, 9kts, transitting to T.O.TO, Bahamas. 0130 %c 319°PGC Vessel riding easily in E'ly sea/swell, warm, mostly overcast, good visibility. [redacted]

0400-0800 %w As Before. Vessel Riding EASily to A SE'ly SEA; swell, partly cloudy, good visibility. [redacted]

0800-1200 Underway As Before Vessel Riding Easily in a Leeway SE'ly Sea & Swell. Hot Humid Sct clouds with Hazy around Horizon Visibility 10/15 Bromide Bay [redacted]

1200-1600 Underway as before. Vessel riding easily in E'ly sea/swell, warm, clouds Ground horizon, warm, good visibility. Bar Wehunga 2/6

1600-2000 %w As before. 1623 %c to 351° PGC w/ PLANA CAY AbeAM to StBD. @ 3.8mile. 1900 %c to 317° PGC w/ SAMANA CAY AHEAD @ 9.2 mile. Vessel RiDing eASily to A E'ly SEA, SCATTERED CLOUDS, GOOD VISIBLITY. [redacted]

2000-2400 Underway As Before. Vessel Riding Easily in a 1-2 ENE Leeway Sea & Swell Dark Night Sct Clouds with Squalls around Hazy Horizon. Visibility Good. Warm Slightly Humid. [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	
STEERING			AUTO PILOT: GYRO MAGNETIC
NAV LIGHTS			
VHF RADIO			

to T.O.T.O. Bahamas Date Wed, 10 April '85

REMARKS ZDT4

0000-0400 Underway on crs 316°PGC, 900 rpm, 9 kts, transitting to T.O.T.O. Bahamas. Vessel rolling stiffly in beam seas/swell, warm, p+ly cldy, good visibility. [redacted]

0400-0800 Y/W as before. 0533 C/C to 320°T w/Riding Rock Pt. on San Salvador @ 19.3 mile. Vessel Rolling & pitching heavily to A NE'ly Sea & Swell. Rainsqualls, visibility poor. [redacted]

0800-1200 Underway As Before Wind Increased to 30 kts after Passage thru Squall Line Seas. ENE 8/10 Building Barometer Rising Warm. Humid Visibility Unlimited. Vessel Rolling Moderately Pitch Lightly. [redacted]

1200-1600 Underway as before. Vessel riding poorly (pitch ±10°, roll ±30°) in a mod. beam sea & swell, high winds (force 6), cool, overcast, fair visibility. [redacted]

1600-2000 Y/W as before. 1709 C/C to 328°T. 2130 Palmetto Point Abeam to port @ 6.7 miles. Vessel Rolling MODERATELY/pitching lightly to A ENE'ly Sea & Swell. Skies OVERCAST, Visibility FAIR. [redacted]

2000-2400 Underway As Before 2105 C/C 295° PGC Ship Rolling Lightly In a Following Sea and Swell. Wind 20/25 OK Dark Night Visibility Good. Warm. 2351 C/C 281° PGC [redacted]

CHIEF MATE [redacted] MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	

to Ft. Lauderdale, FL Date ~~Tues~~ Thurs, 11 April '85

REMARKS 2014

0000-0400 Underway on crs 281° PGC, 900 rpm, 8 Kts, enroute Ft. Lauderdale, FL. Vessel riding easily in ENE'ly sea/swell, cool, mostly overcast, decreasing wind, fair visibility. [redacted]

0400-0800 U/W As before, N.E. off Berry Islands/Bahama Bank. 0648 C/C to 274° T w/ Great Harbour Cay ∅ 235° PGC @ 8 mile. Vessel Riding easily to following sea & swell, cloudy w/ good visibility. [redacted]

0800-1200 Underway As Before. Ship Surfing with an Easterly following Sea. Winds 20/25 over Visibility Limited to abt 6/8 mi Dn Surface Haze on Horizon Warm. Barometer climbing 1004 C/C 287° [redacted]

1200-1600 Underway as before. 1205 C/C 283° PGC. 1517 C/C 290° PGC. Vessel riding easily in ENE'ly sea/swell, cool, overcast, fair visibility. [redacted]

1600-2000 U/W As before. 1613 C/C to 278° PGC w/ Great Issac ∅ 157° PGC @ 5.9 mile. 1803 C/C to 266° PGC. 1835 C/C to 255 PGC°. 1912 C/C to 240° PGC 1920 C/C to 220 PGC°. Vessel pitching & rolling easily to Port Quarterly swell, Skies overcast, visibility fair. [redacted]

2000-2400 Underway As Before 2000 Conversed with fuel Mailed Sailing Ship. Arranged Passing C/C 195° 2 Whistle. 2020 Passed A/B To Stbd. 2037 C/C 230° 2043 C/C 260° 2047 C/C 250° 2320 Shaping up on Ranges 2328 Passing Thru Jetties 2336 Running line 2345 All Fast Berth 24 Port Everglades Fla. 2350 Secured Main Engine ~~000~~ 2350 Retarded all Clocks 1 Hour. [redacted]

CHIEF MATE MASTER [redacted]

PRE UNDERWAY CHECK LIST TO BE CONDUCTED 1 HOUR TO UNDERWAY

EQUIPMENT	PRIMARY	SECONDARY	