

ENGINEERS LOG BOOK

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS Ed Gant

VOYAGE NO 178 N PASSAGE FROM San Juan P.R. TO Jacksonville FL

DATE (TO NOON OF) 8-17-15

Table with columns: TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, FUEL OIL BURNERS, PORT&STBD, STBD MAIN BOILER, FUEL OIL BURNERS. Includes data for Pump Level Temp from 1600 to 1200.

Table with columns: TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, DISTILLING PLANT. Includes data for FDF from 1600 to 1200.

Table with columns: TIME, TURBINES, MAIN TURBO GENERATOR, LUBE OIL. Includes data for Turbines and Generator from 1600 to 1200.

Table with columns: TIME, L.P. STEAM GENERATOR, FUEL OIL, LUBRICATION. Includes data for Steam Generator and Fuel Oil from 1600 to 1200.

Table with columns: TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBO BOILER), BOILER CHEMISTRY, TANKS SOUNDINGS (TONS), HP METER. Includes data for Combustion Air and Tank Soundings from 1600 to 1200.

Table with columns: Chlorides, REMARKS, WATCH ENGINEER, PERFORMANCE DATA (TODAY ONLY). Includes remarks on engine issues and performance metrics.

ENGINEERS LOG BOOK

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS El Faus

VOYAGE NO 178 N

PASSAGE FROM San Juan P.R. TO Jacksonville FL

DATE (TO NOON OF) 8-16-15

Table with columns: TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, STBD MAIN BOILER, FUEL OIL BURNERS, PRESSURES, TEMPERATURES, ECON, etc. Includes rows for Pump Level Temp at 1600, 2000, 2400, 0400, 0800, 1200.

Table with columns: TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, DISTILLING PLANT, S.W. HTR IN USE (Y/N). Includes rows for FDF at 1600, 2000, 2400, 0400, 0800, 1200.

Table with columns: TIME, TURBINES, MAIN TURBO GENERATOR, LUBE OIL, WATER, DIST, DOM, USED. Includes rows for Turbines at 1600, 2000, 2400, 0400, 0800, 1200.

Table with columns: TIME, L.P. STEAM GENERATOR, FUEL OIL, LUBRICATION, BEARING, MISC. Includes rows for L.P. Steam Generator at 1600, 2000, 2400, 0400, 0800, 1200.

Table with columns: TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBO BOILER), BOILER CHEMISTRY, TANKS SOUNDINGS (TONS), HP METER. Includes rows for Combustion Air at 1600, 2000, 2400, 0400, 0800, 1200.

Table with columns: Chlorides, REMARKS, PERFORMANCE DATA (TODAY ONLY), STEAMING TIME, DETENTION TIME, SHAFT COUNTER REVS, etc. Includes performance data and remarks for 1600-2000, 2000-2400, and 2400-0400.

ENGINEERS LOG BOOK

FOR SUNSHIP BUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS EL Fans VOYAGE NO 178 N PASSAGE FROM P.R. TO Jacksonville FL DATE (TO NOON OF) 8-15-15

Table with columns: TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, PORT&STBD, STBD MAIN BOILER. Includes sub-sections for Pressures, Temperatures, Fuel Oil Burners, and Blige Hold Tank.

Table with columns: TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, DISTILLING PLANT. Includes sub-sections for Pressures, Temperatures, and various pump/valve readings.

Table with columns: TIME, TURBINES, MAIN TURBO GENERATOR, AUX. EXH. Includes sub-sections for Generator, Turbine, and various temperature/pressure readings.

Table with columns: TIME, L.P. STEAM GENERATOR, FUEL OIL, LUBRICATION. Includes sub-sections for Meter, Service Pump, Strainer, Main Unit, and various oil/steam readings.

Table with columns: TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBD BOILER), BOILER CHEMISTRY, TANKS SOUNDINGS (TONS), HP METER. Includes sub-sections for Fans, Pressures, Temperature, and various boiler/chemical readings.

Table with columns: Chlorides, REMARKS, PERFORMANCE DATA (TODAY ONLY). Includes sections for Watch Engineer logs, performance metrics (steaming time, fuel consumed, etc.), and arrival/departure times.

DEPT 2354 FROM 503930 EUMP 8689860 DIST 85 SETT 1797

ENGINEERS LOG BOOK

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS El Goro

VOYAGE NO 1785

PASSAGE FROM Jacksonville FL

TO San Juan P.R.

DATE (TO NOON OF) 8-14-15

Table with columns: TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, STBD MAIN BOILER, FUEL OIL BURNERS, Blige Hold Tank. Includes data for Pump Level Temp at 1600, 2000, 2400, 0400, 0800, 1200.

Table with columns: TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, DISTILLING PLANT. Includes data for FDF at 1600, 2000, 2400, 0400, 0800, 1200.

Table with columns: TIME, TURBINES, MAIN TURBO GENERATOR, LUBE OIL. Includes data for WATER at 1600, 2000, 2400, 0400, 0800, 1200.

Table with columns: TIME, L.P. STEAM GENERATOR, FUEL OIL, LUBRICATION. Includes data for COMP REEFERS at 1600, 2000, 2400, 0400, 0800, 1200.

Table with columns: TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBO BOILER), BOILER CHEMISTRY, TANKS SOUNDINGS (TONS), HP METER. Includes data for A.C. at 1600, 2000, 2400, 0400, 0800, 1200.

Table with columns: Chlorides, REMARKS, PERFORMANCE DATA (TODAY ONLY). Includes remarks for 1200-1600 and 0000-0040, and performance data at sea and in harbor.

ENGINEERS LOG BOOK

FOR SHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS El Faro

VOYAGE NO 1783

PASSAGE FROM Jacksonville FL

TO San Juan P.R.

DATE (TO NOON OF) 8-13-15

Circulmatic

Table with columns: TIME, SHAFT (Counter, REVS FOR WATCH, AVG RPM), Make-up Meters (MUF Meter, Cont. System MUF Meter), PORT MAIN BOILERS (PRESSURES, TEMPERATURES, FUEL OIL BURNERS), PORT&STBD (BOILERS, PRESSURES, TEMPERATURES), STBD MAIN BOILER (PRESSURES, TEMPERATURES, FUEL OIL BURNERS), Blige Hold Tank.

Table with columns: TIME, VAC (IN .HG), CONDENSER (PRESSURES, TEMPERATURES), CIRC. PUMP (PRESSURE, DISCHARGE), COND PUMP (PRESSURE, DISCHARGE), CONDENSATE (TEMPERATURE), DEAERATOR (TEMPERATURES), FEED PUMP (PRESSURES), DISTILLING PLANT (TEMPERATURE, HR'S IN USE, METER READING, GAL'S MADE, DISTILL, POTABLE), S.W. HTR IN USE (Y/N).

Table with columns: TIME, WATER (DIST, DOM, USED), TURBINES (HI DRESS, CROSSOVER, L.P., EXHST, PRESSURE, TEMPERATURE), MAIN TURBO GENERATOR (TG OS, GENERATOR, TURBINE, LUBE OIL, PRESSURES, TEMPERATURES, BEARINGS), AUX. EXH. (PRESS, VALVE POS).

Table with columns: TIME, L.P. STEAM GENERATOR (STEAM FROM, PRESS, TEMP, STM To Fo HTR), FUEL OIL (METER, SERVICE PUMP PRESS, TEMPERATURES), LUBRICATION (SERV PUMP, STRAINER, MAIN LO COOLER, TEMPERATURES, BEARING, MISC).

Table with columns: TIME, COMBUSTION AIR (PORT BOILER, STBO BOILER), BOILER CHEMISTRY (PORT, STBD), INVENTORIES (WATER, TANKS SOUNDINGS (TONS), LUBE OIL), HP METER (TIME, METER READING, HP HOURS, H.P.).

Table with columns: Chlorides (1400, 1800, 2200, 0200, 0600, 1000), REMARKS (CAUSE FOR REDUCED SPEED, MAJOR REPAIRS, TESTS CONDUCTED, MISC. PUMPS STARTED AND STOPPED, SOOT BLOWER OPERATION MANUAL OPERATION OF AUTO. CONTROLS, BALLAST TRANSFER, REASON FOR MISSING LOG ENTRIES TO BE ENTERED BY WATCH ENGINEER), PERFORMANCE DATA (STEAMING TIME, DETENTION TIME, SHAFT COUNTER REVS, SHAFT SPEED, DIST BY ENGINE, DIST. OBSERVED, SLIP AVERAGE, SPEED OBSERVED, FUEL CONSUMED, FUEL PER MILE, POWER METER AVG., 1ST STAGE PRESS AVG., VACUUM AVERAGE, GENERATOR LOAD AVG., DISTANCE TO GO, FUEL USED (APT NO.), FUEL USED AT DOCK, TIME IN PORT, CLOCK (ADV) (RET)), AT SEA, IN HARBOR, ARRIVE TIME, DEPARTURE TIME, REV. COUNTER ARRIVAL, REV. COUNTER DEPARTURE, FUEL METER ARRIVAL, FUEL METER DEPARTURE, DRAFT SAILING: FWD, AFT, MEAN, DRAFT ARRIVAL: FWD, AFT, MEAN, NUMBER OF DAYS SINCE LAST DRY DOCK, COMMENTS: INCLUDE BUNKERING INFO SEVERE WEATHER INFO, ETC.

ENGINEERS LOG BOOK

FOR SUNSHIP BUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS El Faro

VOYAGE NO 1783

PASSAGE FROM Jacksonville FL

TO San Juan PR

DATE (TO NOON OF) 8-12-15

Table with columns for TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, FUEL OIL BURNERS, BOILERS, STBD MAIN BOILER, and Blige Hold Tank. Includes data for Pump Level Temp at 1600, 2000, 2400, 0400, 0800, and 1200.

Table with columns for TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, and DISTILLING PLANT. Includes data for FDF at 1600, 2000, 2400, 0400, 0800, and 1200.

Table with columns for TIME, TURBINES, MAIN TURBO GENERATOR, and AUX. EXH. Includes data for WATER at 1600, 2000, 2400, 0400, 0800, and 1200.

Table with columns for TIME, L.P. STEAM GENERATOR, FUEL OIL, and LUBRICATION. Includes data for COMP REEFERS at 1600, 2000, 2400, 0400, 0800, and 1200.

Table with columns for TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBD BOILER), BOILER CHEMISTRY, and TANKS SOUNDINGS (TONS). Includes data for A.C. at 1600, 2000, 2400, 0400, 0800, and 1200.

Table with columns for Chlorides, REMARKS, PERFORMANCE DATA (TODAY ONLY), and various engine metrics. Includes data for Chlorides at 1400, 1800, 2200, 0200, and 0600.

ENGINEERS LOG BOOK

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS E1 Faw

VOYAGE NO 157 N

PASSAGE FROM San Juan

TO Pookamville

DATE (TO NOON OF) 8-11-15

Table with columns for TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, PORT&STBD, STBD MAIN BOILER, and Blige Hold Tank. Includes sub-columns for Counter, REVS FOR WATCH, AVG RPM, PRESSURES, TEMPERATURES, FUEL OIL BURNERS, and BOILERS.

Table with columns for TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, and DISTILLING PLANT. Includes sub-columns for VAC (IN, HG), PRESSURES, TEMPERATURES, and various pump/valve parameters.

Table with columns for TIME, TURBINES, MAIN TURBO GENERATOR, and AUX. EXH. Includes sub-columns for HI DRESS, CROSSOVER, L.P. EXHST, EXTRACTION BEFORE VALVES, GENERATOR, TURBINE, and LUBE OIL.

Table with columns for TIME, L.P. STEAM GENERATOR, FUEL OIL, and LUBRICATION. Includes sub-columns for STEAM FROM (EXTR/AUX), PRESS, TEMP, METER, SERVICE PUMP PRESS, TEMPERATURES, and various pump/strainer parameters.

Table with columns for TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBO BOILER), BOILER CHEMISTRY, TANKS SOUNDINGS (TONS), and HP METER. Includes sub-columns for FANS, PRESSURES, TEMPERATURE, and various sounding and meter parameters.

Table with columns for Chlorides, REMARKS, and PERFORMANCE DATA (TODAY ONLY). Includes sub-columns for WATCH ENGINEER, TIME, AT SEA, IN HARBOR, and various performance metrics.

ENGINEERS LOG BOOK

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS El Fans

VOYAGE NO 177 N PASSAGE FROM San Juan P.R. TO Jacksonville FL

DATE (TO NOON OF) 8-10-15

Table with columns: TIME, SHAFT (Counter, REVS FOR WATCH, AVG RPM), Make-up Meters (MUF Meter, Cont. System MUF Meter), PORT MAIN BOILERS (PRESSURES, TEMPERATURES, ECON), FUEL OIL BURNERS, PORT & STBD BOILERS (ATOMIZING STEAM PRESS, F.O. PRESS), STBD MAIN BOILER (PRESSURES, TEMPERATURES, ECON), FUEL OIL BURNERS, Blige Hold Tank.

Table with columns: TIME, VAC (IN, HG), CONDENSER (PRESSURES, TEMPERATURES), CIRC. PUMP (PRESSURE, DISCHARGE), COND PUMP (PRESS, TEMP), CONDENSATE (TEMPERATURE), DEAERATOR (TEMPERATURES), FEED PUMP (PRESSURES), DISTILLING PLANT (TEMPERATURE, HR'S IN USE, METER READING, GAL'S MADE, DISTILL, POTABLE), S.W. HTR IN USE (Y/N).

Table with columns: TIME, TURBINES (HI DRESS, CROSSOVER, L.P. EXHST, EXTRACTION BEFORE VALVES), MAIN TURBO GENERATOR (GENERATOR: STATOR WINDING TEMP °C, TURBINE: INLET STM, 1ST STAGE, PRESSURES, TEMPERATURES, LUBE OIL: COOLER, BEARINGS), WATER (DIST, DOM, USED), TG OS Volt, IN USE INDB/OUTDB, VOLTS, AMPS, KW.

Table with columns: TIME, L.P. STEAM GENERATOR (STEAM FROM EXTR/AUX, PRESS, TEMP, STM To Fo HTR), FUEL OIL (METER, SERVICE PUMP PRESS, TEMPERATURES), LUBRICATION (PRESSURES, PUMP ON, MAIN LO COOLER, TEMPERATURES, BEARING, MISC).

Table with columns: TIME, COMBUSTION AIR (PORT BOILER, STBO BOILER), BOILER CHEMISTRY (PORT, STBD), INVENTORIES (WATER, EMER. DIESEL, LUBE OIL), TANKS SOUNDINGS (TONS), HP METER (TIME, METER READING, HP HOURS, H.P.).

Table with columns: Chlorides (1400, 1800, 2200, 0200, 0600, 1000), REMARKS (CAUSE FOR REDUCED SPEED, MAJOR REPAIRS, TESTS CONDUCTED, MISC. PUMPS STARTED AND STOPPED, SOOT BLOWER OPERATION), PERFORMANCE DATA (STEAMING TIME, DETENTION TIME, SHAFT COUNTER REVS, SHAFT SPEED, DIST BY ENGINE, DIST. OBSERVED, SLIP AVERAGE, SPEED OBSERVED, FUEL CONSUMED, FUEL PER MILE, POWER METER AVG., 1ST STAGE PRESS AVG., VACUUM AVERAGE, GENERATOR LOAD AVG., DISTANCE TO GO, FUEL USED (APT NO.), FUEL USED AT DOCK, TIME IN PORT, CLOCK (ADV) (RET)), WATCH ENGINEER (TP 204650 TS 220840, TP 258470 TS 280140, TP 274420 TS 297210, TP 222850 TS 241200, TP 241020 TS 260945, TP 285990 TS 309371).



ENGINEERS LOG BOOK

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS EL FARO

VOYAGE NO 177 N PASSAGE FROM San Juan PR TO Lockmeville GA

DATE (TO NOON OF) 8-9-15

Table with columns: TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, PORT&STBD, STBD MAIN BOILER. Includes sub-sections for Counter, REVS FOR WATCH, MUF Meter, PRESSURES, TEMPERATURES, FUEL OIL BURNERS, BOILERS, and FUEL OIL BURNERS.

Table with columns: TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, DISTILLING PLANT. Includes sub-sections for PRESSURES, TEMPERATURES, COND IN USE, PUMP IN USE, DISCHARGE, PRESS, TEMP, GS LOC, INLET, 1ST STAGE, SHELL, WATER, STEAM, FEED WATER, INLET STEAM, EXH. STEAM, PUMP SUCT., PUMP DISCH., RECIRC. OPEN/CLOSE, L.O. PUMP COOLER, STEAM FROM (AE/LP), TEMPERATURE, HR'S IN USE, METER READING, GAL'S MADE, DISTILL, POTABLE, S.W. HTR IN USE.

Table with columns: TIME, TURBINES, MAIN TURBO GENERATOR, AUX. EXH. Includes sub-sections for HI DRESS, CROSSOVER, L.P. EXHST, EXTRACTION BEFORE VALVES, TG OS, GENERATOR, TURBINE, 1ST STAGE, PRESSURES, TEMPERATURES, BEARINGS.

Table with columns: TIME, L.P. STEAM GENERATOR, FUEL OIL, LUBRICATION. Includes sub-sections for STEAM FROM (EXTR/AUX), PRESS, TEMP, STM To Po HTR, METER, SERVICE PUMP PRESS, TEMPERATURES, PRESSURES, PUMP ON, TEMPERATURES, BEARING, MISC.

Table with columns: TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBO BOILER), BOILER CHEMISTRY, TANKS SOUNDINGS (TONS), HP METER. Includes sub-sections for FANS, PRESSURES, TEMPERATURE, FANS, PRESSURES, TEMPERATURE, ENG. ROOM TEMP, PORT, STBD, INVENTORIES, WATER, LUBE OIL, TIME, METER READING, HP HOURS, H.P.

Table with columns: Chlorides, REMARKS, PERFORMANCE DATA (TODAY ONLY). Includes sub-sections for 1400, 1800, 2200, 0200, 0600, 1000, TP 09070, TP 139250, TP 0400-0800, TP 0800-1200, TP 0200-0400, TP 0800-1200, TP 11600, TP 184955, STEAMING TIME, DETENTION TIME, SHAFT COUNTER REVS, SHAFT SPEED, DIST BY ENGINE, DIST. OBSERVED, SLIP AVERAGE, SPEED OBSERVED, FUEL CONSUMED, FUEL PER MILE, POWER METER AVG., 1ST STAGE PRESS AVG., VACUUM AVERAGE, GENERATOR LOAD AVG., DISTANCE TO GO, FUEL USED (APT NO.), FUEL USED AT DOCK, TIME IN PORT, CLOCK (ADV) (RET).

ENGINEERS LOG BOOK

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS El Faro

VOYAGE NO 177 N

PASSAGE FROM

TO Jacksonville FL

DATE (TO NOON OF) 8-8-15

Table with columns for TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, STBD MAIN BOILER, and Blige Hold Tank. Includes data for Pump Level Temp at 1600, 2000, 2400, 0400, 0800, and 1200.

Table with columns for TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, and DISTILLING PLANT. Includes data for FDF at 1600, 2000, 2400, 0400, 0800, and 1200.

Table with columns for TIME, TURBINES, GENERATOR, TURBINE, and LUBE OIL. Includes data for WATER at 1600, 2000, 2400, 0400, 0800, and 1200.

Table with columns for TIME, L.P. STEAM GENERATOR, FUEL OIL, and LUBRICATION. Includes data for COMP REEFERS at 1600, 2000, 2400, 0400, 0800, and 1200.

Table with columns for TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBO BOILER), BOILER CHEMISTRY, and TANKS SOUNDINGS (TONS). Includes data for A.C. at 1600, 2000, 2400, 0400, 0800, and 1200.

Table with columns for REMARKS, PERFORMANCE DATA (TODAY ONLY), and CHIEF ENGINEER. Includes remarks for 1200-1600 and 0400-0800, and performance data for steaming and detention times.

ENGINEERS LOG BOOK

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS El Faro

VOYAGE NO 1113 PASSAGE FROM Jacksonville FL

TO San Juan P.R.

DATE (TO NOON OF) 8-7-15

Table with columns: TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, STBD MAIN BOILER. Includes sub-sections for Pressures, Temperatures, Fuel Oil Burners, and Boilers.

Table with columns: TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, DISTILLING PLANT. Includes sub-sections for Pressures, Temperatures, and various pump/valve readings.

Table with columns: TIME, TURBINES, MAIN TURBO GENERATOR, AUX. EXH. Includes sub-sections for HI DRESS, CROSSOVER, EXTRACTION BEFORE VALVES, GENERATOR, TURBINE, and LUBE OIL.

Table with columns: TIME, L.P. STEAM GENERATOR, FUEL OIL, LUBRICATION. Includes sub-sections for Steam, Meter, Service Pump, Pressures, Temperatures, and various pump/valve readings.

Table with columns: TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBO BOILER), BOILER CHEMISTRY, TANKS SOUNDINGS (TONS), HP METER. Includes sub-sections for Fans, Pressures, Temperature, and various measurements.

Table with columns: Chlorides, REMARKS, PERFORMANCE DATA (TODAY ONLY). Includes sections for Chlorides, Remarks, and Performance Data with various metrics and notes.

ENGINEERS LOG BOOK

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS 80 Grant

VOYAGE NO 177 S PASSAGE FROM Jacksonville FL TO San Juan PR

DATE (TO NOON OF) 8-15-15

Table with columns for Shaft, Make-up Meters, Port Main Boilers, and STBD Main Boiler. Includes sub-sections for Pressures, Temperatures, Fuel Oil Burners, and Boilers. Data rows show time intervals from 1600 to 1200.

Table with columns for FDF, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, and DISTILLING PLANT. Includes sub-sections for Pressures, Temperatures, and various pump/valve readings. Data rows show time intervals from 1600 to 1200.

Table with columns for TURBINES, MAIN TURBO GENERATOR, and AUX. EXH. Includes sub-sections for HI DRESS, CROSSOVER, L.P., EXHST, T/G, OS, GENERATOR, TURBINE, and LUBE OIL. Data rows show time intervals from 1600 to 1200.

Table with columns for L.P. STEAM GENERATOR, FUEL OIL, and LUBRICATION. Includes sub-sections for Meter, Service Pump Press, Temperatures, Pressures, and Pump On. Data rows show time intervals from 1600 to 1200.

Table with columns for COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBD BOILER), BOILER CHEMISTRY, INVENTORIES, TANKS SOUNDINGS (TONS), and HP METER. Includes sub-sections for Fans, Pressures, Temperature, and various monitoring points. Data rows show time intervals from 1600 to 1200.

Table with columns for Chlorides, REMARKS, and PERFORMANCE DATA (TODAY ONLY). Includes sections for Watch Engineer logs, performance metrics (steaming time, fuel consumption, etc.), and arrival/departure times.

ENGINEERS LOG BOOK

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS E1 FABO

VOYAGE NO

PASSAGE FROM

TO

San Juan P.R.

DATE (TO NOON OF)

8-5-15

Table with columns: TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, STBD MAIN BOILER, FUEL OIL BURNERS, PRESSURES, TEMPERATURES, ECON, SM CONTROL VALVE POSIT. %

Table with columns: TIME, VAC (IN. HG), PRESSURES, TEMPERATURES, COND IN USE (M/E), COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, DISTILLING PLANT, S.W. HTR IN USE (Y/N)

Table with columns: TIME, TURBINES, MAIN TURBO GENERATOR, LUBE OIL, BEARINGS, TEMPERATURES, PRESS

Table with columns: TIME, L.P. STEAM GENERATOR, FUEL OIL, LUBRICATION, TEMPERATURES, BEARING, MISC.

Table with columns: TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBO BOILER), BOILER CHEMISTRY, TANKS SOUNDINGS (TONS), HP METER

Table with columns: Chlorides, REMARKS, PERFORMANCE DATA (TODAY ONLY), STEAMING TIME, DETENTION TIME, SHAFT COUNTER REVS, SHAFT SPEED, DIST BY ENGINE, DIST. OBSERVED, SLIP AVERAGE, SPEED OBSERVED, FUEL CONSUMED, FUEL PER MILE, POWER METER AVG., 1ST STAGE PRESS AVG., VACUUM AVERAGE, GENERATOR LOAD AVG., DISTANCE TO GO, FUEL USED (APT NO.) (SG), FUEL USED AT DOCK, TIME IN PORT, CLOCK (ADV) (RET)

ENGINEERS LOG BOOK

FOR SUNSHIP BUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS El FARO

VOYAGE NO 176 N PASSAGE FROM San Juan PR TO Jacksonville FL

DATE (TO NOON OF) 8-4-15

Table with columns for TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, STBD MAIN BOILER, and Fuel Oil Burners. Includes data for Pump Level Temp and various pressure/temperature readings.

Table with columns for TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, and DISTILLING PLANT. Includes data for VAC, pressures, temperatures, and steam flow.

Table with columns for TIME, TURBINES, MAIN TURBO GENERATOR, and AUX. EXH. Includes data for HI DRESS, CROSSOVER, EXTRACTION BEFORE VALVES, and generator parameters.

Table with columns for TIME, L.P. STEAM GENERATOR, FUEL OIL, and LUBRICATION. Includes data for steam supply, fuel oil consumption, and bearing temperatures.

Table with columns for TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBD BOILER), BOILER CHEMISTRY, and TANKS SOUNDINGS (TONS). Includes data for air pressures, temperatures, and tank levels.

Table with columns for Chlorides, REMARKS, and PERFORMANCE DATA (TODAY ONLY). Includes detailed notes on engine operations and performance metrics like steaming time and fuel consumption.

ENGINEERS LOG BOOK

OPERATOR Sea Star, LLC. SS El FARU

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

TO JACKSONVILLE, FL

DATE (TO NOON OF) 8-3-15

Table with columns for TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, PORT&STBD, and STBD MAIN BOILER. Includes sub-sections for PRESSURES, TEMPERATURES, FUEL OIL BURNERS, and BOILERS.

Table with columns for TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, and DISTILLING PLANT. Includes sub-sections for PRESSURES, TEMPERATURES, and various flow meters.

Table with columns for TIME, TURBINES, MAIN TURBO GENERATOR, and AUX. EXH. Includes sub-sections for HI DRESS, CROSSOVER, L.P. EXHST, and GENERATOR.

Table with columns for TIME, L.P. STEAM GENERATOR, FUEL OIL, and LUBRICATION. Includes sub-sections for PRESS, TEMP, METER, SERVICE PUMP PRESS, and various pumps.

Table with columns for TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBO BOILER), BOILER CHEMISTRY, and TANKS SOUNDINGS (TONS). Includes sub-sections for FANS, PRESSURES, TEMPERATURE, and various measurements.

Table with columns for Chlorides, REMARKS, and PERFORMANCE DATA (TODAY ONLY). Includes sections for AT SEA, IN HARBOR, and various operational metrics.

ENGINEERS LOG BOOK

FOR SUNSHIP BUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP

OPERATOR Sea Star, LLC. SS E1 Pano

VOYAGE NO 176 N PASSAGE FROM San Juan

TO Jacksonville FL

DATE (TO NOON OF) Aug 2, 2015

Table with columns: TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, STBD MAIN BOILER, FUEL OIL BURNERS, Blige Hold Tank. Includes data for Level Temp and various pressure/temperature readings.

Table with columns: TIME, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, DISTILLING PLANT. Includes data for VAC, PRESSURES, TEMPERATURES, and various pump readings.

Table with columns: TIME, TURBINES, MAIN TURBO GENERATOR, LUBE OIL. Includes data for HI DRESS, CROSSOVER, L.P. EXHST, GENERATOR, TURBINE, and BEARINGS.

Table with columns: TIME, L.P. STEAM GENERATOR, FUEL OIL, LUBRICATION. Includes data for STEAM FROM (EXTR/AUX), PRESS, TEMP, and various pump/strainer readings.

Table with columns: TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBO BOILER), BOILER CHEMISTRY, TANKS SOUNDINGS (TONS), HP METER. Includes data for FANS, PRESSURES, TEMPERATURE, and various soundings.

Table with columns: REMARKS, PERFORMANCE DATA (TODAY ONLY), COMMENTS. Includes detailed notes on engine operations, fuel consumption, and performance metrics.