

ENGINEERS LOG BOOK

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

OPERATOR Sea Star, LLC. SS EL FABO

VOYAGE NO 1725 PASSAGE FROM Jax TO Sea Juan

DATE (TO NOON OF) 7/2/15

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, FUEL OIL BURNERS), PORT&STBD (BOILERS), STBD MAIN BOILER (PRESSURES, TEMPERATURES, FUEL OIL BURNERS), Blige Hold Tank.

Table with columns: TIME, CONDENSER (PRESSURES, TEMPERATURES), CIRC. PUMP (PRESSURE), COND PUMP (DISCHARGE), CONDENSATE (TEMPERATURE), DEAERATOR (TEMPERATURES), FEED PUMP (PRESSURES), DISTILLING PLANT (TEMPERATURE, METER READING, GAL'S MADE, DISTILL, POTABLE).

Table with columns: TIME, TURBINES (HI DRESS, CROSSOVER, L.P. EXHST, EXTRACTION BEFORE VALVES), MAIN TURBO GENERATOR (GENERATOR, TURBINE, LUBE OIL, BEARINGS), AUX. EXH. VALVE POS.

Table with columns: TIME, L.P. STEAM GENERATOR (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, STBD BOILER), BOILER CHEMISTRY (PORT, STBD), 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)).



ENGINEERS LOG BOOK

OPERATOR Sea Star, LLC. SS ET FARO

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP VOYAGE NO 1725 PASSAGE FROM Jacksonville FL TO San Juan P.R.

DATE (TO NOON OF) 7-3-15

Table with columns: TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, FUEL OIL BURNERS, BOILERS, STBD MAIN BOILER, 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, AUX. EXH. 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 (STBD BOILER), BOILER CHEMISTRY, TANKS SOUNDINGS (TONS), HP METER. Includes data for A.C. at 1600, 2000, 2400, 0400, 0800, 1200.

Table with columns: REMARKS, PERFORMANCE DATA (TODAY ONLY). Includes performance metrics like STEAMING TIME, DETENTION TIME, SHAFT COUNTER REVS, etc.



ENGINEERS LOG BOOK

OPERATOR Sea Star, LLC. SS EL FACO

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP VOYAGE NO 172 N PASSAGE FROM SAN JUAN TO JACKSONVILLE DATE (TO NOON OF) 4-JULY

TO JACKSONVILLE

DATE (TO NOON OF) 4-JULY

Table with columns: TIME, Counter, REVS FOR WATCH, AVG RPM, MUF Meter, Cont. System MUF Meter, PORT MAIN BOILERS (PRESSURES, TEMPERATURES, ECON), FUEL OIL BURNERS, PORT&STBD (BOILERS, PRESSURES, TEMPERATURES, ECON), 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, PUMP IN USE), COND PUMP (PRESSURE, 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, WATER (DIST, DOM, USED), TURBINES (HI DRESS, CROSSOVER, L.P. EXHST, EXTRACTION BEFORE VALVES), MAIN TURBO GENERATOR (GENERATOR, TURBINE, LUBE OIL), AUX. EXH. (PRESS, VALVE POS).

Table with columns: TIME, L.P. STEAM GENERATOR (PRESS, TEMP, STM To Fo HTR), FUEL OIL (METER, SERVICE PUMP PRESS, TEMPERATURES), LUBRICATION (PRESSURES, PUMP ON, MAIN LO COOLER, TEMPERATURES, BEARING), STRUT, STERN TUBE, AIR TEMP.

Table with columns: TIME, COMBUSTION AIR (PORT BOILER, STBD BOILER), BOILER CHEMISTRY (PORT, STBD), 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)).



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 172 N PASSAGE FROM San Juan P.R. TO Jacksonville FL

DATE (TO NOON OF) 7-5-15

Table with columns: TIME, Counter, REVS FOR WATCH, AVG RPM, MUF Meter, Cont. System MUF Meter, PRESSURES, TEMPERATURES, ECON, FUEL OIL BURNERS, BOILERS, PRESSURES, TEMPERATURES, ECON, FUEL OIL BURNERS, Blige Hold Tank.

Table with columns: TIME, VAC, CONDENSER, CIRC. PUMP, COND PUMP, CONDENSATE, DEAERATOR, FEED PUMP, DISTILLING PLANT, S.W. HTR IN USE.

Table with columns: TIME, HI DRESS, CROSSOVER, EXTRACTION BEFORE VALVES, T/G, GENERATOR, TURBINE, LUBE OIL, BEARINGS, VALVE POS.

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

Table with columns: TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBD 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

OPERATOR Sea Star, LLC. SS El FARO VOYAGE NO 172 N PASSAGE FROM San Juan P.R. TO Jacksonville FL DATE (TO NOON OF) 7-6-15

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 Boilers.

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

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 Meter, Service Pump Press, Temperatures, Pressures, and Pump On.

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 measurements.

Table with columns: Chlorides, REMARKS, PERFORMANCE DATA (TODAY ONLY). Includes sections for 1400, 1800, 2200, 0200, 0600, 1000 and performance metrics like Steaming Time, Detention Time, 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 112 N PASSAGE FROM San Juan P.R TO Jacksonville FL

DATE (TO NOON OF) 7-7-15

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.

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 flow rates.

Table with columns for Turbines and Main Turbo Generator. Includes sub-sections for HI Dress, Crossover, Extraction Before Valves, Generator, Turbine, and Lube Oil.

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.

Table with columns for Combustion Air (Port Boiler), Combustion Air (STBD Boiler), Boiler Chemistry, Tanks Soundings (Tons), and HP Meter.

Table with columns for Chlorides, Remarks, Performance Data (Today Only), and various operational notes. Includes sections for Cause for Reduced Speed, Major Repairs, and Tests Conducted.



ENGINEERS LOG BOOK

OPERATOR Sea Star, LLC. SS El FARO

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP VOYAGE NO 1735 PASSAGE FROM Jacksonville FL TO San Juan P.R.

DATE (TO NOON OF) 7-8-15

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 pump/valve readings.

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

Table with columns for TIME, L.P. STEAM GENERATOR, FUEL OIL, and LUBRICATION. Includes sub-sections for PRESSURE, TEMPERATURE, and various pump/valve readings.

Table with columns for TIME, COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBD BOILER), BOILER CHEMISTRY, and TANKS SOUNDINGS (TONS). Includes sub-sections for PRESSURES, TEMPERATURE, and various pump/valve readings.

Table with columns for Chlorides, REMARKS, and PERFORMANCE DATA (TODAY ONLY). Includes sub-sections for 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 21 Fans

VOYAGE NO 173 S

PASSAGE FROM Jacksonville FL

TO San Juan P.R.

DATE (TO NOON OF) 7-9-15

Table with columns for TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, STBD MAIN BOILER, and Blige Hold Tank. Includes sub-sections for Counter, REVS FOR WATCH, MUF Meter, 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 pump/valve readings.

Table with columns for TIME, TURBINES, MAIN TURBO GENERATOR, and AUX. EXH. Includes sub-sections for HI DRESS, CROSSOVER, EXTRACTION BEFORE VALVES, Generator, Turbine, and Lube Oil.

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

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

Table with columns for Chlorides, REMARKS, and PERFORMANCE DATA (TODAY ONLY). Includes sections for Clorides, Remarks, and Performance Data with various sub-sections.



ENGINEERS LOG BOOK

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

OPERATOR Sea Star, LLC. SS El Faro

VOYAGE NO 173 3 PASSAGE FROM Jacksonville FL

TO San Juan P.R.

DATE (TO NOON OF) 7-10-15

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/meter readings.

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

Table with columns: TIME, L.P. STEAM GENERATOR, FUEL OIL, LUBRICATION. Includes sub-sections for Meter, Service Pump Press, Temperatures, Pressures, Pump On, Main LO Cooler, and Bearing/Miscellaneous data.

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, Eng. Room Temp, and various inventory/weight readings.

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



ENGINEERS LOG BOOK

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

OPERATOR Sea Star, LLC. SS Le Gars

VOYAGE NO 1733 PASSAGE FROM San Juan P.R. TO Jacksonville, FL

DATE (TO NOON OF) 7-11-15

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, 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 COMMENTS. Includes remarks about reduced speed and performance metrics like steaming time and fuel consumption.



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 173 N

PASSAGE FROM

TO Jacksonville FL

DATE (TO NOON OF) 7-12-15

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 flow rates.

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 PRESS, TEMP, METER, SERVICE PUMP PRESS, TEMPERATURES, and various pump/strainer data.

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 chemical/level readings.

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



ENGINEERS LOG BOOK

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

OPERATOR Sea Star, LLC. SS PL GAW

VOYAGE NO 173 N PASSAGE FROM San Juan P.R. TO Jacksonville FL

DATE (TO NOON OF) 9-13-15

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. Rows show data for 1600, 2000, 2400, 0400, 0800, and 1200 hours.

Table with columns for FDF (Feed Forward) and Distilling Plant. Includes sub-sections for Condenser, Circ. Pump, Cond Pump, Condensate, Deaerator, Feed Pump, and Distilling Plant. Rows show data for 1600, 2000, 2400, 0400, 0800, and 1200 hours.

Table with columns for Turbines and Main Turbo Generator. Includes sub-sections for Turbines (Hi Dress, Crossover, Extraction) and Main Turbo Generator (Generator, Turbine, Lube Oil). Rows show data for 1600, 2000, 2400, 0400, 0800, and 1200 hours.

Table with columns for L.P. Steam Generator, Fuel Oil, and Lubrication. Includes sub-sections for L.P. Steam Generator, Fuel Oil (Meter, Service Pump), and Lubrication (Main LO Cooler, Bearing). Rows show data for 1600, 2000, 2400, 0400, 0800, and 1200 hours.

Table with columns for Combustion Air (Port Boiler), Combustion Air (STBD Boiler), Boiler Chemistry, and Tanks Soundings. Includes sub-sections for Combustion Air, Boiler Chemistry, and Tanks Soundings. Rows show data for 1600, 2000, 2400, 0400, 0800, and 1200 hours.

Table with columns for Chlorides, Remarks, Performance Data, and other summary information. Includes sub-sections for Chlorides, Remarks, Performance Data (Today Only), and other summary information. Rows show data for 1400, 1800, 2200, 0200, 0600, and 1000 hours.



ENGINEERS LOG BOOK

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

OPERATOR Sea Star, LLC. SS *A. Fano*

VOYAGE NO 173

PASSAGE FROM *San Juan P.R.*

TO *Jacksonville FL.*

DATE (TO NOON OF) 17-14-15

Table with columns: TIME, SHAFT, Make-up Meters, PORT MAIN BOILERS, PORT&STBD, STBD MAIN BOILER, 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, AUX. EXH. 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 about reduced speed and bunkerings, and performance metrics like steaming time and fuel consumption.



ENGINEERS LOG BOOK

OPERATOR Sea Star, LLC. SS El Gaur

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP VOYAGE NO 174

PASSAGE FROM Jacksonville FL TO San Juan P.R.

DATE (TO NOON OF) 7-15-15

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, FUEL OIL BURNERS), PORT&STBD (BOILERS), STBD MAIN BOILER (PRESSURES, TEMPERATURES, FUEL OIL BURNERS), Blige Hold Tank.

Table with columns: TIME, CONDENSER (VAC, PRESSURES, TEMPERATURES), CIRC. PUMP (PRESSURE), COND PUMP (DISCHARGE), CONDENSATE (TEMPERATURE), DEAERATOR (TEMPERATURES), FEED PUMP (PRESSURES), DISTILLING PLANT (TEMPERATURE, METER READING, GAL'S MADE, DISTILL, POTABLE).

Table with columns: TIME, TURBINES (HI DRESS, CROSSOVER, EXHAUST, EXTRACTOR), MAIN TURBO GENERATOR (GENERATOR, TURBINE, LUBE OIL, TEMPERATURES, BEARINGS), AUX. EXH.

Table with columns: TIME, L.P. STEAM GENERATOR (STEAM FROM, PRESS, TEMP), FUEL OIL (METER, SERVICE PUMP PRESS, TEMPERATURES), LUBRICATION (PRESSURES, PUMP ON, MAIN LO COOLER, TEMPERATURES, BEARING).

Table with columns: TIME, COMBUSTION AIR (PORT BOILER, STBO BOILER), BOILER CHEMISTRY (PORT, STBD), TANKS SOUNDINGS (WATER, 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), 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)).



ENGINEERS LOG BOOK

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

OPERATOR Sea Star, LLC. SS El Gans

VOYAGE NO 174 S

PASSAGE FROM Jacksonville FL

TO San Juan P.R.

DATE (TO NOON OF) 7-16-15

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

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

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

Table with columns for L.P. STEAM GENERATOR, FUEL OIL, LUBRICATION. Includes sub-sections for Meter, Service Pump Press, Temperatures, Pressures, Pump On, Main LO Cooler, Stern Tube, Line Shaft, Thrust, Bearing, Misc.

Table with columns for COMBUSTION AIR (PORT BOILER), COMBUSTION AIR (STBD BOILER), BOILER CHEMISTRY, TANKS SOUNDINGS (TONS), HP METER. Includes sub-sections for Fans, Pressures, Temperature, Eng. Room Temp, Inventories, Water, Emer. Diesel, Lube Oil.

Table with columns for Chlorides, REMARKS, PERFORMANCE DATA (TODAY ONLY). Includes sections for Watch Engineer logs, performance metrics (steaming time, detention time, shaft counter revs, 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 El Fair VOYAGE NO 174 S PASSAGE FROM TO DATE (TO NOON OF) 7-17-15

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 pump/valve readings.

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

Table with columns for TIME, L.P. STEAM GENERATOR, FUEL OIL, and LUBRICATION. Includes sub-sections for PRESSURE, TEMPERATURE, and various meter readings.

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

Table with columns for Chlorides, REMARKS, and PERFORMANCE DATA (TODAY ONLY). Includes sections for 1400, 1800, 2200, 0200, 0600, and 1000, along with a detailed performance summary.



ENGINEERS LOG BOOK

OPERATOR Sea Star, LLC. SS EL FARO

FOR SUNSHIPBUILDING & DRY DOCK CO. 30,000 SHP TURBO-GEAR DRIVE TRAILERSHIP VOYAGE NO 174N PASSAGE FROM San Juan, PR TO Jacksonville, FL

DATE (TO NOON OF) 7/18/15

Blige Hold Tank

Table with columns: TIME, Counter, REVS FOR WATCH, AVG RPM, MUF Meter, Cont. System MUF Meter, PRESSURES (DRUM, SUP HTR OUT, DE-SUP HTR OUT), TEMPERATURES (SUP HTR OUT, DE-SUP HTR OUT, ECON PRI, SEC), FUEL OIL BURNERS (ATOMIZING STEAM PRESS, F.O. PRESS), BOILERS (ATOM STA HDR PRESS, F.O. HDR PRESS), PRESSURES (DRUM, SUP HTR OUT, DE-SUP HTR OUT), TEMPERATURES (SUP HTR OUT, DE-SUP HTR OUT, ECON PRI, SEC), FUEL OIL BURNERS (ATOMIZING STEAM PRESS, F.O. PRESS), SH CONTROL VALVE POSIT. %, FUEL OIL BURNERS (ATOMIZING STEAM PRESS, F.O. PRESS).

Table with columns: TIME, VAC (IN. HG), PRESSURES (VAC PUMP SUCT, INLET WATER BOX, OUTLET WATER BOX), TEMPERATURES (SW IN, SW OUT, SHELL, HOT WELL), COND IN USE (M/E), COND IN USE (F/A/E), PUMP IN USE (P/S/E), DISCHARGE (PRESS, TEMP), CONDENSATE TEMPERATURE (1ST STAGE HTR INLET, 1ST STAGE HTR OUTLET), DEAERATOR TEMPERATURES (SHELL PRESS, WATER SIDE, STEAM SIDE, FEED WATER OUT), FEED PUMP PRESSURES (INLET STEAM, EXH. STEAM, PUMP SUCT., PUMP DISCH., RECIRC. OPEN/CLOSE), L.O. PUMP COOLER OUT HTR, STEAM FROM (AE/LP), TEMPERATURE (COIL, SHELL), HR'S IN USE, METER READING, GAL'S MADE, DISTILL, POTABLE, S.W. HTR IN USE (Y/N).

Table with columns: TIME, HI DRESS, CROSSOVER, L.P., EXHST, EXTRACTION BEFORE VALVES, TG OS, T/G, GENERATOR (STATOR WINDING TEMP °C), TURBINE (INLET STM, 1ST STAGE), PRESSURES (PUMP DISCH, MAIN THRUST, GOV END, CPLG END), COOLER (LO IN, LO OUT, SW OUT), TEMPERATURES (FWD GEN, AFT GEN, GEAR, THRUST, CPLG), BEARINGS, 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, SERV PUMP DISCH, BURNER), PRESSURES (SERV PUMP, STRAINER, MAIN UNIT), PUMP ON, LUBRICATION (MAIN LO COOLER, STERN TUBE, LINE SHAFT), TEMPERATURES (THRU, HIGHEST, BEARING), AIR TEMP.

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

Table with columns: Chlorides (1400, 1800, 2200, 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, DRAFT ARRIVAL, NUMBER OF DAYS SINCE LAST DRY DOCK, COMMENTS (INCLUDE BUNKERING INFO, SEVERE WEATHER INFO, ETC).