

JOB ORDEROrder No. 747-E (Supt. 4) May 4 19 77For S.S. EXXON NEW ORLEANS

DESCRIPTION

23-B. CARGO PIPE - 407

Remove (3) 12" gate valves, (2) 8" gate valves and (4) 16" gate valves from midship cargo manifold, send to shop, disassemble, overhaul and test. Return to vessel and reinstall in good order.

30-A. ANCHOR WINDLASS - 113

Renew brake band linings at port and starboard fwd anchor windlass.

Supply material as original each band approx. 4' x 5" wide. Care to be taken to recess rivets deep enough to insure optimum use of brake bands.

33-A. MOORING WINCHES - 114

Renew brake band linings at #2 and #4 mooring winch. Care to be taken to recess rivets deep enough to insure optimum use of brake bands.

Supply material as original, each band consists of 2 pieces approx. 4 feet long x by 5 inches wide.

80-A. MAIN GENERATOR TURBINE - 240

Collect a sufficient amount of the deposits on the turbine rotor to analyze and determine material composition. Report findings to Owner's Representative.

81-A. MAIN GENERATOR LUBE OIL COOLER - 243

Remove lube oil cooler, send to shop, furnish and renew 25 tubes 1/2" CuNi approx. 30" long, hydro test repairs to Chief Engineer's satisfaction and reinstall in good order.

Ordered By

Proceed with work and charge to J. O.

.....
Cost Engineer.....
Manager of Ship Repair

88-A. MAIN CONDENSATE PUMP - 209

Only starboard pump to be dealt with as per item 88. No work on port pump.

89-A. MAIN CIRCULATING PUMPS - 210

Send two circulating pump rotors to shop, mount in lathe and check for true.

Fabricate new bushings, top and bottom.

Supply new ball bearings.

Skim seal ring shoulders, top and bottom.

Fabricate new seal ring liners and install.

Skim wear rings and reinstall.

Blast rotor coating where broken and patch with suitable, compatible plastic material.

Reassemble and reinstall in good order.

Send two casing halves ashore, sandblast and coat interior surfaces with epoxy phenolic.

124-B. WHEELHOUSE WINDOWS

Cancel 124-A due to shipyard safety requirements.

Furnish labor and material as required to install three (3) Owner-furnished Clearview screens in three (3) Owner-furnished windows for the wheelhouse. Install windows as located by the Captain.

125-B. FORWARD LOOKOUT STATION

Install one (1) Owner-furnished Clearview screen in the Owner-furnished window which is to be installed as the forward window of the lookout house.

Relocate the ship's bell as directed by Owner's representative.

127-B. CENTRAL CARGO CONTROL

Install the shore telephone connection in the existing cargo office as directed by Owner's representative.

130-A. MAIN CONDENSER BY-PASS

Re-position one (1) lube oil system gate valve as directed by Owner's representative and provide and install a valve operator extension as required to allow valve operation at the same general location as before.

Provide and install expansion joints as required in the 12" by-pass line.

134-B. CARGO PIPE MODIFICATION

Remove the "hold" on all items except the Grade A vent systems installed on nine (9) cargo tanks.

As before "OBTAIN PERMISSION FROM OWNER'S AUTHORIZED REPRESENTATIVE BEFORE MAKING ANY REMOVALS."

Remove other miscellaneous deck equipment as specified by Owner's Port Engineer.

136-A. FIXED TANK CLEANING SYSTEM (NSCC)

Provide labor and material to spur into the 5" fire and butterworth pipe line on deck in the vicinity of the swash bulkhead in #3 center tank.

From this spur install piping fore and aft with a 5" valve in each line, and run one line through a deck penetration forward of the #3 center swash bulkhead. Penetrate the deck in an approved manner with the other line aft of the #3 center swash bulkhead.

Install FRP piping - if approved - from these lines to four (4) down washing Butterworth machines on each line generally in accordance with Owner-furnished drawing showing a previous similar installation on another ship.

Locate suitable positions in #3 center tank for installation of eight total (four (4) aft of the swash bulkhead and four (4) forward of the swash bulkhead) Owner-furnished Butterworth machines.

136-A. FIXED TANK CLEANING SYSTEM (NSCC) (Cont'd)

Fabricate and install Butterworth machine foundations and piping supports as required.

Accomplish all installations in accordance with all regulatory bodies and Owner's directions.

Provide engineering services to produce drawings and obtain approvals from USCG, ABS and Owners as required. After completion of installation, all revisions or modifications are to be obtained and approved in final drawing.

139-A. COLLISION AVOIDANCE SYSTEM (NSCC)

Provide labor and material to install an Owner-furnished Sperry collision avoidance system in accordance with vendors installation instructions.

Equipment locations to be in accordance with Owner-furnished drawing and Owner representative's instructions.

Provide engineering services to develop details, produce drawings and obtain approvals from USCG, ABS and Owners as required. After completion of installation all revisions or modifications are to be obtained and approved in final drawing showing actual installations and locations.

141-A. SPEED LOG (NSCC)

Provide labor and material to install an Owner-furnished Sperry model 301B-SRD doppler speed log system.

Installation to include wiring furnished by the shipyard from the forecandle to the wheelhouse and interconnection and power source for speed log components.

Locate speed log equipment as directed by Owner's representative.

Provide engineering services to develop details, produce drawings and obtain approvals from USCG, ABS and Owners as required. After completion of installation, all revisions or modifications are to be obtained and approved in final drawing.

141-A. SPEED LOG (SSCC) (Cont'd)

Seachest for the speed log transducer is existing. Inspect seachest for possible required repairs during drydock period. The transducer can be installed out of dock.

176. #2PA, 2SA, and 2C CARGO TANKS - 102

Make repairs and modifications to internals of #2PA, 2SA and 2C as directed by Repair Inspector; erect staging as necessary.

177. RADAR - 606

Install vessel furnished Sperry Mark 16 radar unit including scanner and read-out console.

Modify scanner platform as necessary to accommodate new scanner.

Install all necessary wiring, foundations, etc. as necessary.

Provide Sperry service representative to test unit at completion of installation, service rep. to be on Contractor's account.

178. AFTER PEAK TANK HEATING COILS (NSCC)

Install heating coil system in the after peak tank in accordance with shipyard drawing.

Provide engineering services to develop details, produce drawings and obtain approvals from USCG, ABS and Owners as required. After completion of installation, all revisions or modifications are to be obtained and approved in final drawing.



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DESCRIPTION

179. BOILER ECONOMIZER - 306

Remove casing doors in way of economizer return bend.

Hack saw off one economizer "U" bend for examination by Chief Engineer. When directed, replace "U" bend by welding.

Set up and hydro test economizer to Chief Engineer's satisfaction.

MESSRS:

Spencer
Taylor
Fultz
Williams
Gibson
Chandler
Hudgins
Lee
Worthington
Burris
Jones
Knight
Scruggs
Braswell
Mohan
Anderson
USCG-1
ABS-1

Exxon Co., U.S.A.

Ordered By thru Mr. Scruggs

Proceed with work and charge to J. O. 747-E

G. Guy Via, Jr.
Cost Engineer Manager of Ship Repair

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