

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

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Date of writing Report 21-6-1929. When handed in at Local Office 5-7-1929 Port of Aberdeen
 No. in Survey held at Aberdeen Date, First Survey 10-1-29. Last Survey 3-7-1929.
 Reg. Book. on the steam trawler "FORT DEE" (Number of Visits 21.) Tons Gross 212 Net 92
 Built at Aberdeen By whom built J. Lewis & Sons Ltd. Yard No. 107 When built 1929.
 Engines made at Aberdeen By whom made J. Lewis & Sons Ltd. Engine No. 188 when made 1929.
 Boilers made at Aberdeen By whom made J. Lewis & Sons Ltd. Boiler No. 127 when made 1929.
 Registered Horse Power Owners J. Lewis & Sons Ltd. Port belonging to Aberdeen.
 Nom. Horse Power as per Rule 82. Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 Trade for which Vessel is intended Fishing.

ENGINES, &c.—Description of Engines Triple expansion Revs. per minute 110
 Dia. of Cylinders 11 1/2 - 21 - 34 Length of Stroke 24 No. of Cylinders 3 No. of Cranks 3
 Crank shaft, dia. of journals as per Rule 6.53 as fitted 6 3/4 Crank pin dia. 6 3/4 Crank webs Mid. length breadth 4 3/8 Thickness parallel to axis 4 3/8
 as per Rule 6.22 as fitted 6 3/8 Thrust shaft, diameter at collars as per Rule 6.53 as fitted 6 3/4
 Intermediate Shafts, diameter as per Rule 6.22 as fitted 6 3/8 Is the tube screw shaft fitted with a continuous liner yes
 Tube Shafts, diameter as per Rule 6.92 as fitted 7 1/4 Is the after end of the liner made watertight in the propeller boss yes
 Bronze Liners, thickness in way of bushes as per Rule .505 as fitted 9/16 Thickness between bushes as per Rule .38 as fitted 15/32
 Propeller, dia. 8-6 Pitch 11-6 No. of Blades 4 Material C-1 whether Movable no Total Developed Surface 31 sq. feet
 Feed Pumps worked from the Main Engines, No. one Diameter 2 3/4 Stroke 12 Can one be overhauled while the other is at work yes
 Bilge Pumps worked from the Main Engines, No. one Diameter 2 3/4 Stroke 12 Can one be overhauled while the other is at work yes
 Feed Pumps No. and size One 5 1/4 x 3 1/2 x 5 duplex Pumps connected to the Main Bilge Line No. and size One 5 1/4 x 3 1/2 x 5 duplex
 How driven Steam How driven Steam
 Ballast Pumps, No. and size --- Lubricating Oil Pumps, including Spare Pump, No. and size none
 Are two independent means arranged for circulating water through the Oil Cooler --- Suctions, connected to both Main Bilge Pumps and Auxiliary Bilge Pumps;—In Engine and Boiler Room 2 @ 2"
 In Holds, &c. One 2" from hold, One 2" from slush well.

Main Water Circulating Pump Direct Bilge Suctions, No. and size one 3" Independent Power Pump Direct Suctions to the Engine Room Bilges, No. and size two 2" bilge ejector
 Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes yes
 Are the Bilge Suctions in the Machinery Space led from easily accessible mud-boxes, placed above the level of the working floor, with straight tail pipes to the bilges strum boxes
 Are all Sea Connections fitted direct on the skin of the ship yes Are they fitted with Valves or Cocks both
 Are they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates yes Are the Overboard Discharges above or below the deep water line above
 Are they each fitted with a Discharge Valve always accessible on the plating of the vessel yes Are the Blow Off Cocks fitted with a spigot and brass covering plate yes
 What Pipes pass through the bunkers Forward Suctions How are they protected wood casings
 What pipes pass through the deep tanks --- Have they been tested as per Rule ---
 Are all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times yes
 Is the arrangement of Valves and their connections such as to prevent the possibility of water passing from the sea or from water tanks into the cargo or machinery spaces, or from one compartment to another yes Is the Shaft Tunnel watertight --- Is it fitted with a watertight door no worked from ---

MAIN BOILERS, &c.—(Letter for record S) Total Heating Surface of Boilers 1476 sq. ft.
 Is Forced Draft fitted no No. and Description of Boilers One S.E. Main Working Pressure 200 lbs.
 IS A REPORT ON MAIN BOILERS NOW FORWARDED? yes
 IS A DONKEY BOILER FITTED? no If so, is a report now forwarded? ---
 PLANS. Are approved plans forwarded herewith for Shafting no Main Boilers yes Auxiliary Boilers --- Donkey Boilers ---
 Superheaters --- General Pumping Arrangements yes Oil fuel Burning Piping Arrangements ---

SPARE GEAR. State the articles supplied:— 2 top end bolts & nuts, 2 bottom end bolts & nuts, 2 main bearing bolts, 1 set of coupling bolts, 1 set of air, feed, bilge, & circulating pump valves, one main & one donkey feed check valve, one safety valve spring, one escape valve spring for each size fitted, 6 cylinder studs & nuts, 6 junk ring bolts & nuts, 3 boiler tubes, a quantity of assorted bolts & nuts, & iron of various sizes.

The foregoing is a correct description,

FOR JOHN LEWIS & SONS, LTD.,

Jan. J. Donald

Manufacturer.



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If not, state whether, and when, one will be sent

