

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

4 NOV 1943

Received at London Office.

Date of writing Report 27-10-43. When handed in at Local Office 19. Port of HULL. Date, First Survey 2. 4. 43. Last Survey 21. 10. 43. (Number of Visits 57.)
No. in Survey held at HULL. Reg. Book on the H. M. Trawler **ROSEVEAN**.
Built at BEVERLEY By whom built Cook Weller & Gurnall Yard No. 718 Tons Gross 452 Net 144
Engines made at HULL By whom made Chas. D. Holmes & Co Engine No. 1658 When built 1943
Boilers made at HULL By whom made Chas. D. Holmes & Co Boiler No. 1659 When made
Registered Horse Power Owners The Admiralty Port belonging to
Nom. Horse Power as per Rule 156 Is Refrigerating Machinery fitted for cargo purposes No Is Electric Light fitted Yes
Trade for which vessel is intended Government Service

ENGINES, &c.—Description of Engines Triple Expansion CONTRACT Revs. per minute 150
Dia. of Cylinders 13 1/2" 23" 38" Length of Stroke 27" No. of Cylinders 3 No. of Cranks 3
Crank shaft, dia. of journals as per Rule 7.5 as fitted 7 7/8 Crank pin dia. 7 7/8 Crank webs Mid. length breadth shrunk Thickness parallel to axis 4 13/16
Intermediate Shafts, diameter as per Rule 7.15 as fitted 7 1/4 Thrust shaft, diameter at collars as per Rule 7.5 as fitted 7 7/8
Tube Shafts, diameter as per Rule as fitted Screw Shaft, diameter as per Rule 8.2 as fitted 8 1/4 Is the { tube screw } shaft fitted with a continuous liner { No
Bronze Liners, thickness in way of bushes as per Rule Thickness between bushes as per Rule Is the after end of the liner made watertight in the propeller boss
If the liner does not fit tightly at the part between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive
If two liners are fitted, is the shaft lapped or protected between the liners Is an approved Oil Gland or other appliance fitted at the after end of the tube
at aft. Yes If so, state type NEWARK Length of Bearing in Stern Bush next to and supporting propeller 36 1/2"
Propeller, dia. 105" Pitch 9 1/4" No. of Blades 3 Material C.I. whether Moveable Solid Total Developed Surface 30 sq. feet
Feed Pumps worked from the Main Engines, No. 2 Diameter 2 1/2" Stroke 15" Can one be overhauled while the other is at work Yes
Bilge Pumps worked from the Main Engines, No. 2 Diameter 2 1/2" Stroke 15" Can one be overhauled while the other is at work Yes
Feed Pumps { No. and size One 4" x 6" x 12" Weirs Pumps connected to the { No. and size One 6" x 5 1/2" x 15" Weirs
How driven Independent Steam Main Bilge Line How driven Independent Steam also Downcomer
Ballast Pumps, No. and size None Lubricating Oil Pumps, including Spare Pump, No. and size None
Are two independent means arranged for circulating water through the Oil Cooler None Suctions, connected to both Main Bilge Pumps and Auxiliary
Bilge Pumps:—In Engine and Boiler Room Engine Room 2 @ 2" dia, one at 3 1/2" dia. Stokehold 2 @ 2" dia.
In Pump Room None In Holds, &c. One @ 2" dia. in each of the following:—Fore peak
Chain locker, Asdic space, Magazine, Spirit Room, Bunker, Shaft space and after peak.
Main Water Circulating Pump Direct Bilge Suctions, No. and size One @ 5" Independent Power Pump Direct Suctions to the Engine Room Bilges,
No. and size One @ 3 1/2" (included above) 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 Yes
Are all Sea Connections fitted direct on the skin of the ship Yes Are they fitted with Valves or Cocks Yes
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 at W.L.
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 No
What Pipes pass through the bunkers Feed tank suction How are they protected Wood casing
What pipes pass through the deep tanks None Have they been tested as per Rule Yes
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 Yes Is it fitted with a watertight door Access from flat above

MAIN BOILERS, &c.—(Letter for record S) Total Heating Surface of Boilers 2650 sq. ft.
Which Boilers are fitted with Forced Draft All Which Boilers are fitted with Superheaters None
No. and Description of Boilers One S.B. 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? Yes
Can the donkey boiler be used for domestic purposes only

PLANS. Are approved plans forwarded herewith for Shafting 17-7-39 Main Boilers 15-2-43 Auxiliary Boilers None Donkey Boilers None
(If not state date of approval)

Superheaters None General Pumping Arrangements 17-10-39 Oil fuel Burning Piping Arrangements None
SPARE GEAR.

Has the spare gear required by the Rules been supplied Yes
State the principal additional spare gear supplied See attached list.

The foregoing is a correct description.
FOR CHARLES D. HOLMES & CO., LTD.

Manufacturer.

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