

Rpt. 4.

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

No. 24834

Date of writing Report 17/1 1953 When handed in at Local Office 21st JAN^y 19^y 53 Port of GREENOCK Received at London Office 28 JAN 1953
 No. in Survey held at GREENOCK Date, First Survey 25/11/52 Last Survey 30/12 1952
 Reg. Book on the WEATHER OBSERVER (EX MARGUERITE) (Number of Visits 4)
 Built at ABERDEEN By whom built HALL RUSSELL & CO LTD Tons { Gross
 Engines made at ABERDEEN By whom made HALL RUSSELL & CO LTD Net
 Boilers made at GLASGOW By whom made BARCLAY CURLE & CO LTD When built
 Registered Horse Power 1HP 2750 (STATED) Owners THE AIR MINISTRY When made
 Nom. Horse Power as per Rule MN 495 Is Refrigerating Machinery fitted for cargo purposes No Port belonging to
 Made for which vessel is intended FOR GOVERNMENT SERVICE Is Electric Light fitted YES

GINES, &c.—Description of Engines

No. of Cylinders Length of Stroke No. of Cylinders Revs. per minute
 Crank pin dia. HP 1P 10 1/2 Crank webs LP 1P 10 3/8 Mid. length breadth
 Intermediate Shafts, diameter as per Rule as fitted Thrust shaft, diameter at collars as per Rule as fitted
 Is the { tube screw } shaft fitted with a continuous liner {
 Is the after end of the liner made watertight in the

If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner
 Is an approved Oil Gland or other appliance fitted at the after end of the tube

Propeller, dia. Pitch No. of Blades Material Length of Bearing in Stern Bush next to and supporting propeller whether Moveable Total Developed Surface sq. feet
 Pumps worked from the Main Engines, No. Diameter Stroke Can one be overhauled while the other is at work
 Pumps worked from the Main Engines, No. Diameter Stroke Can one be overhauled while the other is at work

No. and size How driven Pumps connected to the Main Bilge Line No. and size How driven
 Lubricating Oil Pumps, including Spare Pump, No. and size

Are independent means arranged for circulating water through the Oil Cooler Suctions, connected both to Main Bilge Pumps and Auxiliary
 Pumps:—In Engine and Boiler Room In Holds, &c.

Water Circulating Pump Direct Bilge Suctions, No. and size 1 - 9 1/2" Independent Power Pump Direct Suctions to the Engine and/or Boiler Room Bilges,
 size 3 - 3" Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes YES

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
 Sea Connections fitted direct on the skin of the ship Are they fitted with Valves or Cocks

Are they fitted with Valves or Cocks Are the Overboard Discharges above or below the deep water line
 Are the Blow Off Cocks fitted with a spigot and brass covering plate
 Are they protected

Have they been tested as per Rule
 Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times

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 Is the Shaft Tunnel watertight Is it fitted with a watertight door worked from

BOILERS, &c.—(Letter for record 3) Total Heating Surface of Boilers 7150 SQUARE FT
 Boilers are fitted with Forced Draft BOTH FOR^d & AFT Which Boilers are fitted with Superheaters NONE
 Description of Boilers 2 SCOTCH Working Pressure

REPORT ON MAIN BOILERS NOW FORWARDED? No
 DONKEY BOILER FITTED? No If so, is a report now forwarded?

Can donkey boiler be used for other than domestic purposes
 Are approved plans forwarded herewith for Shafting No Main Boilers No Auxiliary Boilers No Donkey Boilers No
 (If not state date of approval)

General Pumping Arrangements No Oil fuel Burning Piping Arrangements No
 SPARE GEAR.

Is spare gear required by the Rules been supplied Yes
 Is principal additional spare gear supplied

The foregoing is a correct description.

Manufacturer.



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Dates of Survey while building { During progress of work in shops - - { During erection on board vessel - - { Total No. of visits

Dates of Examination of principal parts—Cylinders Slides Covers
Pistons Piston Rods Connecting rods
Crank shaft Thrust shaft Intermediate shafts
Tube shaft Screw shaft Propeller
Stern tube Engine and boiler seatings Engines holding down bolts
Completion of fitting sea connections
Completion of pumping arrangements Boilers fixed Engines tried under steam
Main boiler safety valves adjusted Thickness of adjusting washers
Crank shaft material Identification Mark Thrust shaft material Identification Mark
Intermediate shafts, material Identification Marks Tube shaft, material Identification Mark
Screw shaft, material Identification Mark Steam Pipes, material Test pressure Date of Test
Is an installation fitted for burning oil fuel Is the flash point of the oil to be used over 150° F.
Have the requirements of the Rules for the use of oil as fuel been complied with
Is the vessel (not being an oil tanker) fitted for carrying oil as cargo If so, have the requirements of the Rules been complied with
If the notation for Ice Strengthening is desired, state whether the requirements in this respect have been complied with
Is this machinery duplicate of a previous case If so, state name of vessel
General Remarks (State quality of workmanship, opinions as to class, &c.

FOR THE COMMITTEE'S INFORMATION

The amount of Entry Fee ... £ : : When applied for,
Special ... £ : : 19
Donkey Boiler Fee ... £ : : When received,
Travelling Expenses (if any) £ : : 19

AB Brown

Engineer Surveyor to Lloyd's Register of Shipping.

Date GLASGOW 27 JAN 1953

(The Committee's Minute ACCOMPANYING MACHINERY REPORT



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