

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office

Date of writing Report 17-4-1931 When handed in at Local Office 17-4-1931 Port of Rouen 20 APR 1931

No. in Survey held at Rouen Reg. Book. on the steel sc "Alabama" Date, First Survey 23 January Last Survey 14 April 1931 (Number of Visits 10)

Built at Rouen By whom built Chantiers de Normandie Yard No. 5⁶ Tons } Gross Not When built 1930-31

Engines made at Dunhurh By whom made Des Ateliers et Ch^{tes} de France Engine No. 16³⁶ when made 1930

Boilers made at St Nazaire By whom made Ch^{tes} et Ateliers de St Nazaire Boiler No. 1291-1292 when made 1930

Registered Horse Power 712 Owners Compagnie Generale Transatlantique Port belonging to Harre Vom. Horse Power as per Rule 712 Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes

Trade for which Vessel is intended

Revs. per minute 74

Diagrams, &c.—Description of Engines

Dia. of Cylinders Length of Stroke No. of Cylinders No. of Cranks

Crank shaft, dia. of journals as per Rule as fitted Crank pin dia. Crank webs Mid. length breadth Mid. length thickness Thickness parallel to axis Thickness around eye-hole

Intermediate Shafts, diameter as per Rule as fitted 381 & 388 at bearings Thrust shaft, diameter at collars as per Rule as fitted 406.4

Tube Shafts, diameter as per Rule as fitted none Screw Shaft, diameter as per Rule as fitted 400 431.8 Is the tube screw shaft fitted with a continuous liner yes

Bronze Liners, thickness in way of bushes as per Rule as fitted 19.8 20 Thickness between bushes as per Rule as fitted 14.8 15 Is the after end of the liner made watertight in the propeller boss yes If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner

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 shaft none Length of Bearing in Stern Bush next to and supporting propeller 285 1/2 inch 1 1/4 inch

Propeller, dia. 57 1/2 Pitch 55 6/32 No. of Blades 4 Material Brass whether Moveable moveable Total Developed Surface 5 21.6 sq. feet

Feed Pumps worked from the Main Engines, No. Diameter Stroke Can one be overhauled while the other is at work

Bilge Pumps worked from the Main Engines, No. Diameter Stroke Can one be overhauled while the other is at work

Feed Pumps No. and size 2 Weir 266 x 203 x 559 1 Weir 216 x 152.4 x 322 Pumps connected to the Main Bilge Line No. and size 1 254 x 219.6 x 254 How driven Steam

Ballast Pumps, No. and size 1-254 x 219.6 x 254 Water 1 Magout 266.7 x 304 x 60 Lubricating Oil Pumps, including Spare Pump, No. and size

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 Engine room 3 each side 90 mm Boiler room 1 each side 90 mm

Holds, &c. 1 each side of each hold 90 mm 1 each peak 90 mm

Main Water Circulating Pump Direct Bilge Suctions, No. and size 1. 252 mm Independent Power Pump Direct Suctions to the Engine Room Bilges, No. and size 3 each side 90 mm 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 Valves

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 none How are they protected

What pipes pass through the deep tanks none 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 yes Is it fitted with a watertight door yes worked from main deck

MAIN BOILERS, &c.—(Letter for record) Total Heating Surface of Boilers

Forced Draft fitted No. and Description of Boilers Working Pressure

IS A REPORT ON MAIN BOILERS NOW FORWARDED? yes

IS A DONKEY BOILER FITTED? none If so, is a report now forwarded?

PLANS. Are approved plans forwarded herewith for Shafting Main Boilers Auxiliary Boilers Donkey Boilers

Preheaters General Pumping Arrangements yes Oil fuel Burning Piping Arrangements yes

SHAFTING GEAR. State the articles supplied:—

The foregoing is a correct description,

Signature of Manufacturer

Manufacturer.



