

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office

19 DEC 1927

Date of writing Report 3-12-1927 When handed in at Local Office

Port of Rotterdam

No. in Survey held at Rotterdam

Date First Survey 23-6-27 Last Survey 23-11-1927

Reg. Book.

(Number of Visits 29)

41648 on the Engine No. 162. 163. S/S Leticia

Tons Gross 2580 Net 1116

Built at Monfalcone By whom built Elbers Cantieri Navale Triestina Yard No. 197

When built 1928

Engines made at Rotterdam By whom made Rott Drooga Ma Engine No. 162/63 when made 1927.

Boilers made at Rotterdam By whom made Rott Drooga Ma Boiler No. 455/56 when made 1927

Registered Horse Power Owners Curacaosche Scheep Ma Port belonging to Willemstad

Nom. Horse Power as per Rule 236 Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes

Trade for which Vessel is intended

ENGINES, &c.—Description of Engines

Two sets of triple expansion engines

Revs. per minute 160

Dia. of Cylinders 12 3/4 x 20 1/2 x 33 1/8 Length of Stroke 24 1/16

No. of Cylinders 2 x 3 = 6

No. of Cranks 2 x 3 = 6

Crank shaft, dia. of journals as per Rule 188.4 mill

Mid. length breadth 330 mill

Thickness parallel to axis 156 mill

as fitted 178 mill

Crank pin dia. 170 mill

Crank webs Mid. length thickness 112 mill

Intermediate Shafts, diameter as per Rule 164.4 mill

Thrust shaft, diameter at collars as per Rule 172.4 mill

as fitted 174 mill

as fitted 170 mill

Tube Shafts, diameter as per Rule 168 mill

Screw Shaft, diameter as per Rule 184 mill

as fitted 168 mill

as fitted 184 mill

Bronze Liners, thickness in way of bushes as per Rule 15 mill

Thickness between bushes as per Rule 14 mill

as fitted 15 mill

as fitted 14 mill

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 One length

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

Propeller, dia. 8' 3" Pitch 7' No. of Blades 4 Material Bronze whether Movable No Total Developed Surface 32 sq. feet

Feed Pumps worked from the Main Engines, No. 2 x 1 Diameter 130 mill Stroke 100 mill Can one be overhauled while the other is at work yes

Bilge Pumps worked from the Main Engines, No. 2 x 1 Diameter 130 mill Stroke 100 mill Can one be overhauled while the other is at work yes

Feed Pumps No. and size 2 Wauerpumps 6" x 8 1/2" x 18" Pumps connected to the Main Bilge Line No. and size 2 6" x 1 1/2" x 6" 4 1/2" x 5" x 6"

How driven Steam How driven Steam

Ballast Pumps, No. and size One 6" x 9 1/2" x 6" 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;—No Engine and Boiler Room

In Holds, &c.

Main Water Circulating Pump Direct Bilge Suctions, No. and size

No. and size

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

Are all Sea Connections fitted direct on the skin of the ship

Are they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates

Are they each fitted with a Discharge Valve always accessible on the plating of the vessel

What Pipes are carried through the bunkers

What pipes pass through the deep tanks

Are all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times

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

Is the Shaft Tunnel watertight

Is it fitted with a watertight door

worked from

MAIN BOILERS, &c.—(Letter for record S) Total Heating Surface of Boilers 4168 sq. ft.

Is Forced Draft fitted Yes No. and Description of Boilers 2 Single ended Marine Working Pressure 180 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 No Auxiliary Boilers Donkey Boilers

(If not state date of approval)

Superheaters General Pumping Arrangements No Oil fuel Burning Piping Arrangements No

SPARE GEAR. State the articles supplied:— One set of taper bolts and nuts, one set of bottom end bolts

and nuts, one set of main bearing bolts and nuts, one set of coupling bolts

one set of piston rings, one set of feed and bilge pump valves. A quantity of assorted

bolts and nuts and iron of various sizes, one cast iron propeller, one screw shaft

and one crankshaft.

The foregoing is a correct description,

ROTTERDAMSCHЕ DROOGMAATSCHAP

DIRECTIE

Manufacturer.



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Foundation

W410-0092

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KMAN & SART AMST

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