

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office

8 FEB 1933

1 MAR 1933

Date of writing Report

19

When handed in at Local Office

6. 2. 1933 Port of

Glasgow

No. in Survey held at
Reg. Book.

Glasgow

Date, First Survey 19. 10. 32 Last Survey 3. 2. 1933

(Number of Visits 34)

on the ~~new~~ steel s/s "LONDON QUEEN"Tons { Gross
NetBuilt at ~~Burntisland~~ By whom built ~~Burntisland SBC Co Ltd~~

Yard No. 174

When built 1933

Engines made at Glasgow

By whom made ~~Davie Rowan & Co Ltd~~

Engine No. 955

When made 1933

Boilers made at Glasgow

By whom made ~~Davie Rowan & Co Ltd~~

Boiler No. 955

When made 1933

Indicated Horse Power

Owners

Port belonging to

Horse Power as per Rule

112

Is Refrigerating Machinery fitted for cargo purposes

no

Is Electric Light fitted

yes

For which Vessel is intended

129

Engines, &c.—Description of Engines

Triple expansion

Revs. per minute

Cylinders 14" 24" 40"

Length of Stroke 27"

No. of Cylinders 3

No. of Cranks 3

Crankshaft, dia. of journals

as per Rule 7.104"

as fitted 7.34"

Crank pin dia. 7.34"

Crank webs

Mid. length breadth 11"

Thickness parallel to axis 5"

Mid. length thickness 5"

Thickness around eye-hole 3.98"

Intermediate Shafts, diameter

as per Rule 7.34

as fitted none

Thrust shaft, diameter at collars

as per Rule 7.707"

as fitted 8"

Shafts, diameter

as per Rule

Screw Shaft, diameter

as per Rule 8.66"

as fitted 9.74"

Is the { tube } shaft fitted with a continuous liner { no liner }

Is the { screw }

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

boss

If the liner is in more than one length are the junctions made by fusion through the whole thickness of 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

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

If so, state type + U.S. Packing

Length of Bearing in Stern Bush next to and supporting propeller U.S. metal-3.1"

Pitch 11.6"

No. of Blades 4

Material Carbon

whether Moveable no

Total Developed Surface 40.3 sq. feet

Pumps worked from the Main Engines, No. 2

Diameter 2.5"

Stroke 14"

Can one be overhauled while the other is at work yes

Pumps worked from the Main Engines, No. 2

Diameter 2.5"

Stroke 14"

Can one be overhauled while the other is at work yes

No. and size one @ 6" 4" x 6"

Pumps connected to the

No. and size

Ballast pump (and ME pumps?)

How driven steam

Main Bilge Line

How driven steam

Pumps, No. and size one @ 7" 8.5" x 8"

Lubricating Oil Pumps, including Spare Pump, No. and size none

Independent means arranged for circulating water through the Oil Cooler

Suctions, connected to both Main Bilge Pumps and Auxiliary

Pumps;—In Engine and Boiler Room

In Holds, &c.

Room

Water Circulating Pump Direct Bilge Suctions, No. and size

Independent Power Pump Direct Suctions to the Engine Room Bilges,

size Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes

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

Sea Connections fitted direct on the skin of the ship

Are they fitted with Valves or Cocks

fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates Are the Overboard Discharges above or below the deep water line

each fitted with a Discharge Valve always accessible on the plating of the vessel Are the Blow Off Cocks fitted with a spigot and brass covering plate

How 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

space 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 1953 sq. ft.

Draft fitted no No. and Description of Boilers one SB Working Pressure 200

REPORT ON MAIN BOILERS NOW FORWARDED?

DONKEY BOILER FITTED? no If so, is a report now forwarded?

key boiler intended to be used for domestic purposes only

S. Are approved plans forwarded herewith for Shafting no Main Boilers yes Auxiliary Boilers Donkey Boilers

(If not state date of approval)

ers General Pumping Arrangements no Oil fuel Burning Piping Arrangements

SPARE GEAR.

Spare gear required by the Rules been supplied

principal additional spare gear supplied

The foregoing is a correct description,

For David Rowan & Co. Ltd

Arch^d N. Grierson

Manufacturer.



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Lloyd's Register

Foundation

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