

Writing Report 25th April 1920 When handed in at Local Office 1-5-1920 Port of Glasgow
 Date, First Survey 19 April 1920 Last Survey 19 April 1920
 Survey held at Ardrossan (Number of Visits)
 on the S.S. "Poljana" Tons ^{Gross} _{Net}
 Built at Ardrossan By whom built Ardrossan S.S. H.B.C. No. 309 When built 1920
 Made at Greenock By whom made Lincaid & Co when made 1920
 Owners Greenock when made 1920
 Registered Horse Power Port belonging to Christiania
 Is Refrigerating Machinery fitted for cargo purposes Is Electric Light fitted

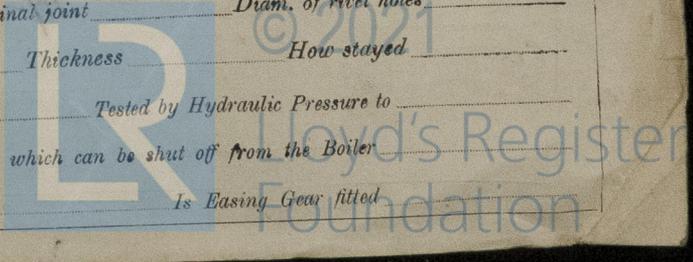
ENGINES, &c.—Description of Engines

No. of Cylinders No. of Cranks
 Length of Stroke Revs. per minute Dia. of Screw shaft Material of screw shaft
 Is the after end of the liner made water tight
 If the liner is in more than one length are the joints burned If the liner does not fit tightly at the part
 Is the space charged with a plastic material insoluble in water and non-corrosive If two
 Length of stern bush
 Dia. of Crank shaft journals Dia. of Crank pin Size of Crank webs Dia. of thrust shaft under
 No. of Blades State whether movable Total surface
 Can one be overhauled while the other is at work
 No. and size of Suctions connected to both Bilge and Donkey pumps
 In Holds, &c.
 Is a separate Donkey Suction fitted in Engine room & size
 Are the sluices on Engine room bulkheads always accessible
 Are they Valves or Cocks
 Are the Discharge Pipes above or below the deep water line
 Are the Blow Off Cocks fitted with a spigot and brass covering plate
 How are they protected
 Are all boiler mountings accessible at all times
 Are the Bilge Suction Pipes, Cocks, and Valves arranged so as to prevent any communication between the sea and the bilges
 Is it fitted with a watertight door worked from

BOILERS, &c.—(Letter for record) Manufacturers of Steel

Total Heating Surface of Boilers Is Forced Draft fitted No. and Description of Boilers
 Working Pressure Tested by hydraulic pressure to Date of test No. of Certificate
 Can each boiler be worked separately Area of fire grate in each boiler No. and Description of Safety Valves to
 Area of each valve Pressure to which they are adjusted Are they fitted with easing gear
 Mean dia. of boilers Length Material of shell plates
 Are the shell plates welded or flanged Descrip. of riveting: cir. seams
 Diameter of rivet holes in long. seams Pitch of rivets Lap of plates or width of butt straps
 Working pressure of shell by rules Size of manhole in shell
 No. and Description of Furnaces in each boiler Material Outside diameter
 Description of longitudinal joint No. of strengthening rings
 Combustion chamber plates: Material Thickness: Sides Back Top Bottom
 If stays are fitted with nuts or riveted heads Working pressure by rules
 Area supported by each stay Working pressure by rules End plates in steam space:
 How are stays secured Working pressure by rules Material of stays
 Area supported by each stay Working pressure by rules Material of Front plates at bottom
 Working pressure of plate by rules
 Thickness Material of Lower back plate Thickness Greatest pitch of stays Working pressure of plate by rules
 Material of tube plates Thickness: Front Back Mean pitch of stays
 Girders to Chamber tops: Material Depth and
 Number and pitch of stays in each
 Description of longitudinal joint Diam. of rivet holes
 How stayed
 Tested by Hydraulic Pressure to
 Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler
 Is Easing Gear fitted

4040-181510-01404



IS A DONKEY BOILER FITTED?

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:—

The foregoing is a correct description,

Manufacturer.

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

Is the approved plan of main boiler forwarded herewith

“ “ “ donkey “ “ “

Dates of Examination of principal parts—Cylinders Slides Covers Pistons Rods Connecting rods Crank shaft Thrust shaft Tunnel shafts Screw shaft Propeller Stern tube Steam pipes tested Engine and boiler seatings 19/4/20 Engines holding down bolts Completion of pumping arrangements Boilers fixed Engines tried under steam Completion of fitting sea connections 19/4/20 Stern tube 19/4/20 Screw shaft and propeller Main boiler safety valves adjusted Thickness of adjusting washers Material of Crank shaft Identification Mark on Do. Material of Thrust shaft Identification Mark on Do. Material of Tunnel shafts Identification Marks on Do. Material of Screw shafts Identification Marks on Do. Material of Steam Pipes Test pressure

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 Section 49 of the Rules 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.)

The sea-cocks & stern tube have been fitted in a satisfactory manner.

Vessel is proceeding to Greenock for machinery.

See GRK R.M. 17673

Certificate (if required) to be sent to
The Surveyors are requested not to write on or below the space for Committee's Minute.

The amount of Entry Fee ... £ : : When applied for, Special ... £ : : 29/6/20 Donkey Boiler Fee ... £ : : When received, Travelling Expenses (if any) £ : 10/- : 1/7/20

J. H. Selles

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 6 - JUL 1920

Assigned See GRK R.M. 17673



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