

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Date of writing Report 19th Feb^y 1930 When handed in at Local Office 19th Feb^y 1930 Port of Leith Received at London Office 20 FEB 1930

No. in Survey held at Burntisland Date, First Survey 3rd Dec 1929 Last Survey 4th Feb^y 1930
Reg. Book. 42323 on the S/S "SKELDERGATE" (Number of Visits 10)

Built at Burntisland By whom built Burntisland S. B. Co Ld. Yard No. 159 Tons { Gross 4250.43
Net 2634.50
When built 1930
Engines made at Glasgow By whom made D. Rowan + Co Ld. Engine No. 927 when made 1930
Boilers made at Glasgow By whom made D. Rowan + Co Ld. Boiler No. 927 when made 1930
Registered Horse Power ✓ Owners The Redgate Steamship Co Ld. Port belonging to London
(Jurnbelle Scott + Co Mgrs.)
Nom. Horse Power as per Rule 354 Is Refrigerating Machinery fitted for cargo purposes No Is Electric Light fitted Yes
Trade for which Vessel is intended ✓

ENGINES, &c.—Description of Engines

Dia. of Cylinders..... Length of Stroke..... No. of Cylinders..... Revs. per minute.....
Crank shaft, dia. of journals as per Rule..... Crank pin dia..... No. of Cranks.....
Intermediate Shafts, diameter as per Rule..... Thrust shaft, diameter as per Rule.....
Tube Shafts, diameter as per Rule..... Screw Shaft, diameter as per Rule.....
Bronze Liners, thickness in way of bushes as per Rule.....
Propeller, dia. Pitch..... No. of Blades..... Material..... whether Moveable..... Total Developed Surface..... sq. feet
Feed Pumps worked from the Main Engines, No. 1-8" x 5" x 8", 1-6" x 4" x 6"..... Diameter..... Stroke..... Can one be overhauled while the other is at work.....
Bilge Pumps worked from the Main Engines, No. 1-9" x 12" x 12"..... Diameter..... Stroke..... Can one be overhauled while the other is at work.....
Feed Pumps { No. and size 1-8" x 5" x 8", 1-6" x 4" x 6"..... Pumps connected to the { No. and size one - 9" x 12" x 12" Duplex
How driven Duplex Steam-driven..... Main Bilge Line { How driven Steam-driven
Ballast Pumps, No. and size 1-9" x 12" x 12"..... 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 Starboard 2-2 1/2", Port 1-2 1/2".....
In Holds, &c. No 1 Hold: - 2-3", No 2 Hold: - 2-3 1/2", No 3 Hold: - 2-3", No 4 Hold 1-3" (Centre).....

Main Water Circulating Pump Direct Bilge Suctions, No. and size 1-6"..... Independent Power Pump Direct Suctions to the Engine Room Bilges,
No. and size 1-4 1/2" fitted on port side 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 Both
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 Bilge suction to fore hold..... How are they protected In the timbers
What pipes pass through the deep tanks ✓..... 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 Top platform

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

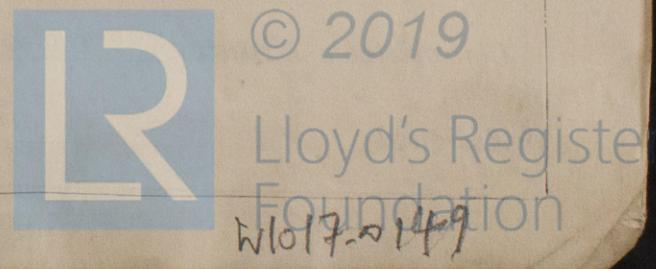
Is Forced Draft fitted..... No. and Description of Boilers..... Working Pressure.....
IS A REPORT ON MAIN BOILERS NOW FORWARDED?
IS A DONKEY BOILER FITTED?..... If so, is a report now forwarded?.....

PLANS. Are approved plans forwarded herewith for Shafting..... Main Boilers..... Auxiliary Boilers..... Donkey Boilers.....
(If not state date of approval)
Superheaters..... General Pumping Arrangements..... Oil fuel Burning Piping Arrangements.....

SPARE GEAR. State the articles supplied:— Two main bearing bolts; two top end bolts + nuts;
two bottom end bolts + nuts; two sets of coupling bolts; one set of feed +
bilge pump valves; one set of piston rings for each piston; one propeller;
one propeller shaft; 1 dozen condenser tubes + ferrules; 6 plain boiler tubes;
assorted bolts + nuts, + iron of various sizes.

The foregoing is a correct description,

Manufacturer.



Rpt. 4.
 R
 Date of writing
 No. in Survey Reg. Book.
 on
 Built at
 Engines made
 Boilers made
 Registered
 Nom. Horse
 Trade for
 ENGINES
 Dia. of Cylinders
 Crank shaft,
 Intermediate
 Tube Shafts,
 Bronze Liner
 Propeller boss
 If the liner does
 If two liners are
 end of the tube
 Propeller, dia.
 Feed Pumps
 Bilge Pumps
 Feed Pumps { No.
 Pumps { How
 Ballast Pump
 Are two independent
 Bilge Pumps;
 in Holds, &c.
 Main Water
 No. and size
 Are the Bilge
 Are all Sea
 Are they fixed
 Are they each
 What Pipes pass
 What pipes pass
 Are all Pipes,
 Are the arrangements
 compartment to a
 MAIN BOILER
 Are Forced
 S A REL
 S A DO
 PLANS.
 Superheaters
 SPARE G
 one case

Dates of Survey while building
 During progress of work in shops --
 During erection on board vessel ---
 Total No. of visits 10.
 1929 Decr. 3, 13, 17, 20, 24, 27. 1930 Jan. 8-17, 23. Feb. 4.

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 in place 17-12-29.
 Stern tube in place 13-12-29. Engine and boiler seatings 13-12-29. Engines holding down bolts 17-1-30.
 Completion of fitting sea connections 13-12-29.
 Completion of pumping arrangements 23-1-30. Boilers fixed 17-1-30. Engines tried under steam 4-2-30
 Main boiler safety valves adjusted 23-1-30. Thickness of adjusting washers Star¹ Blr. S.V. 5/16" P.V. 5/16. Port Blr. S.V. 5/16" P.V. 5/16. Aux² Blr. S.V. 5/16. P.V. 3/8."
 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 No. 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 No. If so, have the requirements of the Rules been complied with ✓
 Is this machinery duplicate of a previous case No. If so, state name of vessel ✓

General Remarks (State quality of workmanship, opinions as to class, &c.)

This Machinery has been efficiently fitted on board, the materials & workmanship being sound & good. On completion all safety valves were adjusted under steam, & the main & auxiliary machinery were tried at sea under working conditions & were found satisfactory. In my opinion this machinery is in good order & condition & is eligible to be classed in the Register Book with the notation of + L.M.C. 2-30, + T.S.C.L.

It is submitted that this vessel is eligible for THE RECORD. + L.M.C. 2-30 C.L.

J.H.
 27/2/30

John Houston.
 Engineer Surveyor to Lloyd's Register of Shipping.

The amount of Entry Fee ... £
 Special ... £
 Donkey Boiler Fee ... £
 Travelling Expenses (if any) £
 When applied for, 19th Feb 1930
 When received, 26/2/30

Committee's Minute FRI. 28 FEB. 1930

Assigned

+ L.M.C. 2-30 C.L.

CERTIFICATE WRITTEN



© 2019

Lloyd's Register Foundation

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