

Rpt. 4.

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

No. 18856

Date of writing Report 1-3-

1928

When handed in at Local Office 14-3-

1928

Port of

Received at London Office

21 MAR 1928

No. in Survey held at Port Glasgow

Reg. Book.

Date, First Survey 6 Jan 1928

Last Survey 6th February 1928.

(Number of Visits 5)

on the SS "CAPE ST ANDREW"

Built at Pt Glasgow

By whom built R. Duncan & Co. Ltd.

Yard No. 381

Tons Gross 5094

Net 4440

When built 1928

Engines made at Glasgow

By whom made D. Rowan & Co. Ltd.

Engine No.

when made

Boilers made at

By whom made

Boiler No.

when made

Registered Horse Power

Owners Sun Shipping Co. Ltd.

Port belonging to London

Nom. Horse Power as per Rule

Is Refrigerating Machinery fitted for cargo purposes

Is Electric Light fitted

Trade for which Vessel is intended

Foreign

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 at collars..... 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..... Thickness between 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..... 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..... Pumps connected to the Main Bilge Line..... No. and size.....
 Ballast Pumps, No. and size..... Lubricating Oil Pumps, including Spare Pump, No. and size.....
 Are two independent means arranged for circulating water through the Oil Cooler.....
 Bilge Pumps;—In Engine and Boiler Room.....
 In Holds, &c.....

MAIN WATER CIRCULATING PUMP DIRECT BILGE SUCTIONS, No. and size

No. and size..... Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes.....
 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..... 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..... How are they protected.....
 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.....
 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.....) 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.....
 (If not state date of approval)

Main Boilers

Auxiliary Boilers

Donkey Boilers

Superheaters..... General Pumping Arrangements.....

Oil fuel Burning Piping Arrangements.....

SPARE GEAR. State the articles supplied:—

The foregoing is a correct description,

Manufacturer.



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Lloyd's Register
Foundation

W368-0087

(1924) Dec. 13. (1928) Jan 20. 23. 26. Feb 6.
During progress of work in shops - -
Dates of Survey while building
During erection on board vessel - - -
Total No. of visits 5.

Dates of Examination of principal parts--Cylinders Slides Covers
Pistons Piston Rods Connecting rods
Crank shaft Thrust shaft Intermediate shafts
Tube shaft Screw shaft fitted 26-1-28 Propeller fitted 26-1-28.
Stern tube fitted 20-1-28 Engine and boiler seatings 20-1-28. Engines holding down bolts
Completion of fitting sea connections 6-2-28.
Completion of pumping arrangements Boilers fixed Engines tried under steam
Main boiler safety valves adjusted Thickness of adjusting washers
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 Is the flash point of the oil to be used over 150°F.
Have the requirements of the Rules for carrying and burning oil fuel 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 stern tube, screw shaft, propeller, sea connections and fastenings examined and found in order. The vessel has now left for Glasgow for installation of machinery. Glasgow Surveyors notified

The amount of Entry Fee ... £ : : When applied for,
Special ... £ : : 19
Donkey Boiler Fee ... £ : : When received,
Travelling Expenses (if any) £ : : 19

Committee's Minute GLASGOW 20 MAR 1928

Assigned See Mr. Mackay Report No. 47750.

J. Davy

Engineer Surveyor to Lloyd's Register of Shipping.



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