

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Date of writing Report 3. 6. 26 When handed in at Local Office 19th June 1926 Port of Greenock
 No. in Survey held at Greenock Date, First Survey 29th March, 1926 Last Survey 19th June, 1926
 Reg. Book. 2620 on the S/S "Alfonso Perez" (Number of Visits 19)
 Built at Vancouver By whom built J. Boughlan, Son Yard No. 1919
 Engines made at Birkenhead By whom made Bannell Laird Engine No. 2003 when made 1920
 Boilers made at Vancouver By whom made Vulcan Foundry Boiler No. 1919 when made 1919
 Registered Horse Power 581 Owners A. F. Perez Port belonging to Santauder
 Is Refrigerating Machinery fitted for cargo purposes ☒ Is Electric Light fitted ☒

GINES, &c.—Description of Engines Triple Expansion
 No. of Cylinders 25-44-73 Length of Stroke 48 Revs. per minute 82 No. of Cylinders 3 No. of Cranks 3
 No. of Crank shaft journals as per rule Diameter of Crank pin as fitted Mid length breadth as fitted Thickness parallel to axis as fitted
 Diameter of Thrust shaft under collar as fitted Diameter of Tunnel shaft as fitted Diameter of Screw shaft as fitted Is the Screw shaft as fitted
 Is the after end of the liner made watertight in the propeller boss ☒
 If the liner does not fit tightly at the part between the bearings in the stern tube, is the space charged with plastic material insoluble in water and non-corrosive
 Is an approved appliance fitted at the after end of the shaft to permit it being efficiently lubricated ☒
 Length of Stern Bush as fitted Diameter of Propeller as fitted
 No. of Blades as fitted State whether Moveable ☒ Total Surface as fitted square feet.
 No. of Feed Pumps fitted to the Main Engines 2 Diameter of ditto as fitted Stroke as fitted Can one be overhauled while the other is at work ☒
 No. of Bilge Pumps fitted to the Main Engines 2 Diameter of ditto as fitted Stroke as fitted Can one be overhauled while the other is at work ☒
 Total number and size of power driven Feed and Bilge Auxiliary Pumps as fitted
 No. and size of Pumps connected to the Main Bilge Line as fitted
 No. and size of Ballast Pumps as fitted No. and size of Lubricating Oil Pumps, including Spare Pump as fitted
 Are two independent means arranged for circulating water through the Oil Cooler ☒ No. and size of suction connected to both Main Bilge Pumps and Auxiliary Pumps;—In Engine and Boiler Room as fitted and in Holds, &c. as fitted

No. and size of Main Water Circulating Pump Bilge Suctions as fitted No. and size of Donkey Pump Direct Suctions as fitted
 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 they Valves or Cocks ☒
 Are they sufficiently high on the ship's side to be seen without lifting the stokehold plates ☒
 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 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 Screw Shaft Tunnel watertight ☒ Is it fitted with a watertight door ☒ worked from as fitted

IN BOILERS, &c.—(Letter for record as fitted) Total Heating Surface of Boilers as fitted
 Forced Draft fitted ☒ No. and Description of Boilers as fitted Working Pressure as fitted
 A REPORT ON MAIN BOILERS NOW FORWARDED? ☒
 A DONKEY BOILER FITTED? ☒ If so, is a report now forwarded? ☒

ANS. Are approved plans forwarded herewith for Shafting ☒ Main Boilers ☒ Auxiliary Boilers ☒ Donkey Boilers ☒
 (If not state date of approval)
 Oil fuel Burning Piping Arrangements as fitted

ARE GEAR. State the articles supplied:—2 Connecting Rod bolts, nuts for top end
1 set for bottom end, 2 Main Bearing bolts, 1 set of Coupling
bolts, 1 set of Feed Bilge Pump Taper, a quantity of assorted
bolts, nuts, Iron of various sizes

The foregoing is a correct description,

Manufacturer.



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Lloyd's Register
Foundation

W471-0016-9100-124M

During progress of work in shops - -
 Dates of Survey while building
 During erection on board vessel - - -
 Total No. of visits 19.

(1926) Mar 29. Apr 5. 8. 21. 28. 29. May 5. 10. 17. June 1. 3. 8. 9. 10. 11. 16. 18. 19.

Dates of Examination of principal parts - Cylinders
 Covers
 Connecting rods
 Tunnel shafts
 Stern tube
 Completion of pumping arrangements
 Completion of fitting sea connections
 Main boiler safety valves adjusted
 Material of Crank shaft
 Material of Thrust shaft
 Material of Tunnel shafts
 Material of Screw shafts
 Material of Steam Pipes
 Is an installation fitted for burning oil fuel
 Have the requirements of the Rules for carrying and burning oil fuel been complied with
 Is this machinery duplicate of a previous case

Pistons
 Crank shaft
 Screw shaft
 Engine and boiler seatings
 Boilers fixed
 Stern tube
 Thickness of adjusting washers
 Identification Mark on Do.
 Identification Mark on Do.
 Identification Marks on Do.
 Identification Marks on Do.
 Test pressure
 Is the flash point of the oil to be used over 150°F.
 If so, state name of vessel

Slides
 Rods
 Thrust shaft 29. 4. 26
 Propeller
 Engines holding down bolts 3. 6. 26
 Engines tried under steam
 Screw shaft and propeller
 Date of Test 8. 6. 26

General Remarks (State quality of workmanship, opinions as to class, &c.)
 The Turbine, Gearing Thrust Shaft & Block have now been removed & the Engine No. 2003 built by Wm. Fairbairn & Co. Ltd. Liverpool Reft No. 8091 now securely fitted on board in accordance with the approved plan, tried under steam & found satisfactory. A liner now fitted to the HP cylinder making same 25" & all the Main Boiler safety valves adjusted under steam to 180lb & approved in London Secretary letter. 2. 4. 26
 A new Thrust Shaft & Block & 4 New Propeller blades fitted
 The Machinery is eligible in our opinion for the fresh record of. **NE 6.26** & the new pressure of 180
 be noted in the R. B.

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

The amount of Entry Fee ... £ : :
 Fitting the engine on board ... £ 30 : - :
 Donkey Boiler Fee ... £ : :
 Travelling Expenses (if any) £ : :
 When applied for, June 11, 1926
 When received, June 17, 1926

Committee's Minute GLASGOW 29 JUN 1926
 Assigned See accompanying report

W. Gordon-Munroe
 Engineer Surveyor to Lloyd's Register of Shipping