

# Report of Survey for Repairs, &c., of Engines and Boilers.

No. 11022

TUE. OCT. 17/1922

Date of writing Report 14/10/22 When handed in at Local Office 16/10/22 Port of Bristol  
No. in Reg. Book. 6347 Survey held at Sharpness Date, First Survey Aug 12<sup>th</sup> Last Survey Sept 26<sup>th</sup> 1922  
on the Machinery of the Wood, Iron or Steel Maide of Athens (No. of Visits 11)  
Gross 1433 Vessel built at Stettin By whom Stettiner Oderwerke When 1906  
Net 863 Engines made at Stettin By whom Stettiner Oderwerke When 1906  
Registered Horse Power 104 Boilers, when made (Main) (Donkey)  
No. of Main Boilers 1 Owners Byron SS & Co Ltd (Mercuries) Port London Voyage   
No. of Donkey Boilers 1 Surveyed Afloat or in Dry Dock (State name of Dock.) Channel Dry Dock  
Team Pressure in Main Boilers   
in Donkey Boilers

Last Report No.  Port For Class  
Particulars of Examination and Repairs (if any) L.M.C.

CHARACTER.	Years Assigned.	Machinery and Boiler Survey.
For Special Survey.		(Including date of N.B., if any).
Date of last Survey and of Periodical Survey.		
<u>By 6-21</u>		<u>0.6</u>

Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and dates and initials of any letters respecting this case.

Was a damage report made by anyone else? If so, by whom? Yes  
declined? Yes  
Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes  
Do. " Donkey " " " Yes  
This was not done, state for what reasons? Yes  
What parts of the Boilers could not be thus thoroughly examined? Yes  
What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? Yes  
Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? Not adjusted  
Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? Yes  
Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes , and of the Donkey Boiler? Yes  
Did the Surveyor examine the drain plugs of the Main Boilers? Yes , and of the Donkey Boiler? Yes  
Did the Surveyor examine all the mountings of the Main Boilers? Yes , and of the Donkey Boiler? Yes  
Has screw shaft now been drawn and examined? No Is it fitted with continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? See Surveyor's Rpt  
Has shaft now been changed? Yes If so, state reasons Yes  
Has the shaft now fitted new? Yes Has it a continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes  
What is the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? Close

Survey is not complete state what arrangements have been made for its completion and what remains to be done? To complete the survey:  
The main boiler safety valve to be adjusted at Newport. Surveyor advised vessel placed in dry dock. Propeller fastenings of the stern bush, cocks & valves & their fastenings examined & found in order. Propeller blades clipped but efficient.  
Examined the cylinders, pistons & valves, crank, thrust & thrust shafting, pumps, condenser, main bearings, steering engine & windlass & made good. Condenser tested.  
Main boiler examined internally & externally, doors on mounting found in good order.  
Repair: Windlass cylinder removed. New winding valve to the steering engine. In Prater machine & false face removed. L.P. for spindle shrouded up & new needle gland bushes fitted. M.P.  
General Observations, Opinion, and Recommendation: The machinery of this vessel  
State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,11, B.&M.S. 9,11, or L.M.C. 9,11, 140 lb., F.D., &c.)  
now in good & efficient condition & submission for the recommendation of the Committee to be Classed L.M.C. 9-22 when the survey is complete.

Fee (per Section 28) £ 20 0 0 Fees applied for for 10/10/22  
Damage or Repair Fee (if any) £ 30.10.22  
(per Section 28.)  
Other Expenses (if chargeable) £ Received by me, 11.11.1922

Committee's Minute FRI. 27 OCT. 1922 FRI. 15 DEC. 1922  
FRI. SEP. 7 1923 TUE. SEP. 25 1923  
Lloyd's Register Foundation  
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piston rod stemmed up new neck & gland bushes fitted. Air pump crosshead lined up. L.P. valve spindle guide bushes renewed. All piston rods turned up in the lathe. Condenser cleaned. Blow down valve seats on both valves renewed. Thrust shoes remounted. Flaring engine cylinders & valve chests bored out new piston valves fitted. New glands fitted to Central gland. Unalloyed piston rods renewed. M.P. piston rings renewed.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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