



IS A DONKEY BOILER FITTED? *No* ✓ If so, is a report now forwarded? ✓

SPARE GEAR. State the articles supplied:— *Propeller, Propeller shaft, One set of propeller keys, 6 Boiler tubes (plain) One boiler tube (stay) 6 Condenser tubes, 100 Condenser ferrules, One set of Feed Pump Valves, One set of Air Pump Valves, One set of Feed Chuck Valves, One set of Bilge Pump Valves, 6 Shaft-Coupling bolts, 2 Top end Connecting Rod bolts, 2 Bottom end Connecting Rod bolts, 2 Main Bearing bolts, 6 Junk Ring bolts, One set of Ferrules for one Boiler, 6 Winch Condenser Tubes, 50 Winch Condenser Ferrules, 2 Balls Condenser packing, 3 Hough's springs for Check Valves, 2 Safety Valve Springs.*

The foregoing is a correct description,  
FOR JOHN READHEAD & SONS, LIMITED.

*W. P. Dewey Eng<sup>g</sup> Managers* Manufacturer.

Dates of Survey while building { During progress of work in shops -- } *1919 Jun. 13, 16, Jul 8, Aug 13, Sep 3, 12, 16, Oct 7, 8, Nov 7, Dec 5, 30, 1920 Jan 7, 20, Feb 17, 19, 20, 23, 24, 27, Mar 4, 9.*  
 { During erection on board vessel -- } *11, 12, 23, 26, 29, Apr 1, 7, 12.*  
 Total No. of visits *30* Is the approved plan of main boiler forwarded herewith *Yes*  
 " " " donkey " " "

Dates of Examination of principal parts—Cylinders *5/6/19 + 13/5/19* Slides *8/10/19* Covers *16/9/19* Pistons *16/9/19* Rods *8/10/19*  
 Connecting rods *8/10/19* Crank shaft *8/10/19* Thrust shaft *7/11/19* Tunnel shafts *20/2/20* Screw shaft *20/1/20* Propeller *24/2/20*  
 Stern tube *12/2/20* Steam pipes tested *12/3/20* Engine and boiler seatings *20/2/20* Engines holding down bolts *23/3/20*  
 Completion of pumping arrangements *4/3/20* Boilers fixed *23/3/20* Engines tried under steam *23/3/20*  
 Completion of fitting sea connections *19/2/20* Stern tube *17/2/20* Screw shaft and propeller *27/2/20*  
 Main boiler safety valves adjusted *23/3/20* Thickness of adjusting washers *Port Boiler 7/16 3/8 3rd stage, Center Boiler 7/16 5/16 3rd stage, Star Boiler 5/16 5/16 3rd stage*  
 Material of Crank shaft *Steel* Identification Mark on Do. *LLOYD'S No. 3021, D MR* Material of Thrust shaft *Steel* Identification Mark on Do. *LLOYD'S No. 3021, D MR*  
 Material of Tunnel shafts *Scrap Iron* Identification Marks on Do. *LLOYD'S No. 1902, 20, 1, 20 W.L.H.* Material of Screw shafts *Scrap Iron* Identification Marks on Do. *LLOYD'S No. 1902, 20, 2, 20 W.L.H.*  
 Material of Steam Pipes *Copper* Test pressure *360 lbs.*

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 Section 49 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. *The machinery of this vessel has been constructed under special survey the material and workmanship are of good quality, it has been securely fitted on board and satisfactorily tried under steam at moorings for 2 1/2 hours. The machinery of this vessel is now in my opinion eligible for record of + L.M.C. 4, 20. (in red) in the Register Book.*

It is submitted that this vessel is eligible for THE RECORD + L.M.C. 4.20 *W.S. 30/4/20.*

*W.S.*  
*APP*

The amount of Entry Fee ... £ *3* : :  
 Special ... £ *41 13* : :  
 Donkey Boiler Fee ... £ : :  
 Travelling Expenses (if any) £ : :  
 When applied for, *27 APR 1920*  
 When received, *1/5/20*

*M. L. Hall*  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUE. MAY. 4 1920*  
 Assigned *+ L.M.C. 4.20*

MACHINERY CERT.  
 WRITTEN.



© 2020  
 Lloyd's Register  
 Foundation

NEWCASTLE-ON-TYNE

Certificate (if required) to be sent to

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