



REPORT ON MACHINERY

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

SPARE GEAR. State the articles supplied:— 2 Connecting rod top end bolts and nuts, 2 bottom end bolts and nuts, 2 main bearing bolts and nuts, 4 Coupling bolts and nuts, 6 piston junk ring studs and nuts, 1 main check valve lid and seat, 1 Auxiliary feed check valve lid and seat, 1 spare feed valve lid & spindle, 1 bilge valve lid and spindle, 6 condenser tubes and 2 do ferrules, a quantity of assorted iron bolts & nuts and a quantity of assorted Iron.

The foregoing is a correct description,  
For HEPPLES (1919) LIMITED,

*W. J. Hepples*  
MANAGING DIRECTOR

Dates of Survey while building  
 During progress of work in shops -- 1920  
 During erection on board vessel -- 1921  
 Total No. of visits 25

Is the approved plan of main boiler forwarded herewith *Yes.*  
 " " " donkey " " "

Dates of Examination of principal parts—Cylinders 29.9.20 Slides 23.9.20 Covers 23.9.20 Pistons 6.10.20 Rods 24.9.20  
 Connecting rods 14.7.20 Crank shaft 12.5.20 Thrust shaft 15.6.20 Tunnel shafts ✓ Screw shaft 6.12.20 Propeller 6.12.20  
 Stern tube 6.10.20 Steam pipes tested 3.2.21 Engine and boiler seatings 16.12.20 Engines holding down bolts 25.1.21  
 Completion of pumping arrangements 21.7.21 Boilers fixed 25.1.21 Engines tried under steam 22.2.21  
 Completion of fitting sea connections 10.12.20 Stern tube 10.12.20 Screw shaft and propeller 16.12.20  
 Main boiler safety valves adjusted 23.2.21 Thickness of adjusting washers *Port & Starboard 3/8"*  
 Material of Crank shaft *Iron* Identification Mark on Do. *6070N* Material of Thrust shaft *Iron* Identification Mark on Do. *5349N*  
 Material of Tunnel shafts ✓ Identification Marks on Do. ✓ Material of Screw shafts *Iron* Identification Marks on Do. *5349N*  
 Material of Steam Pipes *Copper* (*4 1/2" dia x 91/2"*) Test pressure *200 lbs sq in*  
 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 and boiler of this vessel have been built under special survey. The workmanship and materials are sound and good. The boiler and steam pipes have been tested by hydraulic pressure in accordance with the Rules and all satisfactorily fitted on board. The main and auxiliary machinery were tried under steam and found satisfactory, and the safety valves of the main boiler have been adjusted under steam to the working pressure. The machinery and boiler throughout are now in good and efficient condition and eligible in our opinion to have the record of L.M.C. 3.21 marked in the Register Book.*)

It is submitted that  
this vessel is eligible for  
**THE RECORD.** + L.M.C. 3.21. C.L.

*Rel*  
1/4/21  
*J.P.R.*

The amount of Entry Fee ... £ 3 : 0 : 0 When applied for,  
 Special ... £ 11 : 15 : 0 24.3.21  
 Donkey Boiler Fee ... £ : : : When received,  
 Travelling Expenses (if any) £ : : : 16.4.19

*R. Lee Ames + W. Jindals*  
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. APR. 1921  
 Assigned + L.M.C. 3.21  
*F.D.*



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

Rpt. 5  
 Date of ...  
 No. in ...  
 Reg. Boo ...  
 Master ...  
 Engines ...  
 Boilers ...  
 Register ...  
 MULT ...  
 (Letter) ...  
 Boilers ...  
 No. of ...  
 safety ...  
 Are they ...  
 Smallest ...  
 Material ...  
 Descrip ...  
 Lap of ...  
 rules 1/2 ...  
 boiler ...  
 Descript ...  
 plates ...  
 Top 9 1/2 ...  
 smallest ...  
 Pitch ...  
 Area sup ...  
 Lower bo ...  
 Pitch of ...  
 water sp ...  
 girder at ...  
 Working ...  
 Diameter ...  
 Pitch of ...  
 SUPER ...  
 Date of T ...  
 Diameter ...  
 Dates ...  
 of Survey ...  
 while ...  
 building ...  
 GENE ...  
 Re B ...  
 and ...  
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