



IS A DONKEY BOILER FITTED? No

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied: Two top-end, two bottom-end & two main-bearing bolts & nuts, a set of coupling bolts, a set of feed & bilge pump valves, a quantity of assorted bolts nuts & iron, six feed check valves, 12 junk ring studs & nuts, a propeller & H.P. piston valves.

The foregoing is a correct description,

FOR THE NORTH EASTERN MARINE ENGINEERING CO. LD.

*J. H. Harrison*

Manufacturer.

1917  
Dates of Survey while building { During progress of work in shops -- } Jan 19-22 Feb 2-23 Aug 3-10-15-21-24-28-30  
{ During erection on board vessel --- } Apr 6-10-12-13-17-21-24-25-27-28 Oct 1-4-5-8  
{ Total No. of visits } 52

Is the approved plan of main boiler forwarded herewith Yes

Is the approved plan of donkey boiler forwarded herewith Yes

Dates of Examination of principal parts—Cylinders 8-10-17 Slides 5-10-17 Covers 2-11-17 Pistons 5-10-17 Rbds 22-6-17  
Connecting rods 28-8-17 Crank shaft 24-9-17 Thrust shaft 6-9-17 Tunnel shafts 24-10-17 Screw shaft 8-10-17 Propeller 23-7-17  
Stern tube 1-10-17 Steam pipes tested 3-12-17 Engine and boiler seatings 4-10-17 Engines holding down bolts 19-11-17  
Completion of pumping arrangements 5-12-17 Boilers fixed 19-11-17 Engines tried under steam 5-12-17  
Main boiler safety valves adjusted 5-12-17 Thickness of adjusting washers PB.  $P \frac{3}{8} S \frac{11}{32}$ , CB.  $P \frac{11}{32} S \frac{13}{32}$ , SB.  $P \frac{3}{8} S \frac{13}{32}$   
Material of Crank shaft Steel Identification Mark on Do. J. H. 9-17 Material of Thrust shaft Steel Identification Mark on Do. J. H. 9-17  
Material of Tunnel shafts Iron Identification Marks on Do. J. H. 10-17 Material of Screw shafts Iron Identification Marks on Do. J. H. 10-17  
Material of Steam Pipes Iron & Copper Test pressure 540 lbs & 360 lbs.  
Is an installation fitted for burning oil fuel No Is the flash point of the oil to be used over 150°F. Yes

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 Yes

General Remarks (State quality of workmanship, opinions as to class, &c. The engines & boilers of this vessel have been constructed under special survey & the materials & workmanship are found to be good. The engines have been tried under steam & the boiler safety valves adjusted at the working pressure. The machinery is now in good & safe working condition & eligible in my opinion to have the notation of +LMC - 12, 17. A report on the electric installation will be forwarded when received from the Electricians.

It is submitted that this vessel is eligible for THE RECORD + LMC 12 17 ED

*J. H. D.*  
15/1/18

The amount of Entry Fee ... £ : :  
Special ... £ 90 0 0  
Donkey Boiler Fee ... £ : :  
Travelling Expenses (if any) £ : :  
When applied for, 10 JAN 1918  
When received, 14-2-1918

*Thomas Field*  
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping

Committee's Minute TUE JAN 7 1918

Assigned + LMC 12 17



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