

IS A DONKEY BOILER FITTED? *No*

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:—

Two top end & 2 bottom end bolts, 2 main bearing bolts, 1 set of coupling bolts, 1 set of feed & bilge pump valves, a quantity of assorted bolts nuts & washers, propeller, propeller shaft, bottom end bearing & minor parts.

The foregoing is a correct description,

FOR RICHARDSONS, WESTGARTH & CO., LTD

Fredric H. Russell

Manufacturer.

ASSISTANT MANAGER

Dates of Survey while building: During progress of work in shops -- *1915 Feb 25 Mar 11 15 18 29 Apr 14 23 May 11 19 31 Jun 16 Jan 20 27 28 Feb 9 11 17 18 21 24 29 Mar 27 9*
During erection on board vessel --- *14 16 20 23 28 Apr 4 11 18 26 May 2 4 10 13 17 June 8*
Total No. of visits *(39 +)*

Is the approved plan of main boiler forwarded herewith *Yes*

" " " donkey " " " *Yes*

Dates of Examination of principal parts—Cylinders *9/3/16* Slides *28/3/16* Covers *21/2/16* Pistons *9/2/16* Rods *21/2/16*
Connecting rods *27/1/16* Crank shaft *2/3/16* Thrust shaft *29/2/16* Tunnel shafts *4/4/16* Screw shaft *18/4/16* Propeller *26/4/16*
Stern tube *16/3/16* Steam pipes tested *14/3/16* Engine and boiler seatings *3/4/16* Engines holding down bolts *2/5/16*
Completion of pumping arrangements *12/5/16* Boilers fixed *2/5/16* Engines tried under steam *12/5/16*
Main boiler safety valves adjusted *12/5/16* Thickness of adjusting washers *P.P. 7/16 5 7/16 CP 3 1/2 S 3 1/2 S.P. 1 5/32 S 1 3/32*
Material of Crank shaft *Steel* Identification Mark on Do. *12/5/16* Material of Thrust shaft *Steel* Identification Mark on Do. *12/5/16*
Material of Tunnel shafts *Steel* Identification Marks on Do. *12/5/16* Material of Screw shafts *Steel* Identification Marks on Do. *12/5/16*
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 built under special survey, the materials used are good, and the workmanship is satisfactory; it has been properly fitted on board and secured, and the engines have been tried under full power. In our opinion this vessel is eligible for the record of L.M.C. 6,16.

It is submitted that this vessel is eligible for THE BROOD + LMC 6.16.

JWD 12/6/16

The amount of Entry Fee ... £ 3 : : When applied for, - 8 JUN. 1916
Special ... £ 43 : 5 :
Donkey Boiler Fee ... £ : :
Travelling Expenses (if any) £ : : When received, 19. 7. 1916

Wm R. Austin & Charles Cooper
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute TUE. 20 JUN. 1916

Assigned *+ L.M.C. 6.16*

MACHINERY EXAMINER'S WRITTEN



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SUNDERLAND.

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