

IS A DONKEY BOILER FITTED?

No

If so, is a report now forwarded? ✓

SPARE GEAR. State the articles supplied:— see separate list.

Pumps:—

3 Main feed pps. duplex 90" x 14" x 32 str | Waste Oil pp. 1/2 x 3/8 x 5 SA. 2 oil fuel transfer pps 12 x 14 x 24 Simplex
 2 " Air pps duplex 16 x 28 x 18. | Sanitary pp Simplex 2A. 12 1/2 x 14 x 24 | 1 " " sediment pp 6 x 6 x 12 "
 1 Emergency ludge pp (center) 10" x 12" | Ballast " " " | 4 oil fuel pressure pumps.
 2 Circulating pps " Impeller 2 1/2" | Ballast " " " | 1/2 x 3 x 6. Duplex.
 1 Aux feed pp duplex 10 x 4 1/2 x 24 | Hot Water " SA 6 1/2 x 6 x 18
 2 Fresh w pp " 6 1/2 x 6 x 18

The foregoing is a correct description,
For HARLAND & WOLFF Ltd.

Festebeck Manufacturer.

Dates of Survey while building { During progress of work in shops - - } From November 1st to 21st Sept 1923
 { During erection on board vessel - - - }
 { Total No. of visits } 195
 Are the approved plans of main boilers forwarded herewith (Yes (204) to be returned for H & W 588.)
 " " " donkey " " "

Dates of Examination of principal parts—Cylinders 2-7-22. Slides 2-5-22. Covers 2-5-22. Pistons 2-5-22. Rods 2-7-22.
 Connecting rods 2-7-22. Crank shaft 9-2-22. Thrust shaft 22-8-22. Tunnel shafts 27-1-22. Screw shaft 12-8-22. Propeller 26-6-22.
 Stern tube 26-6-22. Steam pipes tested 2-12-22. Engine and boiler seatings 4-7-23. Engines holding down bolts 1-8-23.
 Completion of pumping arrangements 4-9-22. Boilers fixed 18-4-23. Engines tried under steam 21-9-23.

Completion of fitting sea connections 31-1-23. Stern tube 31-1-23. Screw shaft and propeller 31-1-23.
 Main boiler safety valves adjusted 12-9-22. Thickness of adjusting washers 2-12-22. Material of Crank shaft Steel Identification Mark on Do. 3958 H.P.S. Material of Thrust shaft Steel Identification Mark on Do. 3958 H.P.S.
 Material of Tunnel shafts Steel Identification Marks on Do. 3958 H.P.S. Material of Screw shafts Steel Identification Marks on Do. 3958 H.P.S.
 Material of Steam Pipes Solid drawn steel Test pressure 650 lbs ✓

Is an installation fitted for burning oil fuel yes 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 yes ✓
 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. Materials & workmanship good, and in accordance with the Rules & approved plans. The whole of the machinery has been efficiently installed in the vessel and tried under steam & is in good & safe working condition & eligible in my opinion to be classed & have records. ✠ LMC 9-23
 Tail Shafts continuous liners, Elic St, Ref Mchz, Fitted for oil fuel 9-23
 4.9 above 150°F. on completion of the survey.

To complete the survey flexible wire ropes for operating the self closing sluice valves on the oil fuel bunkers require to be fitted, this will be done at London per letter to secretary Sept 26/23.

Certificate (if required) to be sent to Committee's Minute.

The amount of Entry Fee ... £ 6 : 0 : 0 When applied for, Sept 25th 1923.
 Special ... £ 165 : 16 : 0
 Donkey Boiler Fee ... £ ✓ : :
 Travelling Expenses (if any) £ ✓ : :
 When received, 20th 1923

William Butler & H.P. Southwell
 Engineer Surveyors to Lloyd's Register of Shipping.

Committee's Minute FRI. 19 OCT. 1923

Assigned

+ Lond 6.9.23
 J.D. C.L.



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 Foundation

Fitted for oil fuel 9-23 4.9 above 150°F.