

IS A DONKEY BOILER FITTED? *no*

If so, is a report now forwarded?

2 top & 2 bottom end, 2 holding down, and 2 set of coupling bolts & nuts. one cast iron propeller. one examination
 SPARE GEAR. State the articles supplied:— straps & sheave complete. 6 cylinder cover bolts, one main engine guide shoe
 nuts bolts. one set each of piston rings & springs for main engines. 12 frame nut studs & iron nuts.
 one slide valve spindle with slide block complete. one pair of crank pin brasses with liners.
 one pair of top end brasses with liners. one piston rod with glands & neck rings for main engines
 2 nuts metal studs & nuts for stern gland. one air pump rod with nuts complete. one feed pump
 plunger. one bilge pump plunger. 55 condenser tubes. one third part crankshaft. one air pump
 impeller & shaft. one tail shaft with liner & nuts. one set of air pump valves and 2 valve
 guards. 2 feed & 2 bilge pump valves. 20 boiler tubes. 2 set of valves for the ballast pump. iron and
 bolts & nuts assorted and sundry other minor parts.

The foregoing is a correct description,

FOR THE WALLSEND SLIPWAY & ENGINEERING CO., LIMITED.

A. Lang
 DIRECTOR.

Manufacturer.

Dates of Survey while building: During progress of work in shops - 1921. Aug 29. Oct 27. Dec 8. 20. 1922. Jan 6. 9. 13. 17. 31. Feb 4. 21. March 2. 8. 9. 14. 29. 30. April 19. May 4. 10. 18.
 1922. June 28. July 6. 9. 10. 18. 25. 28. Aug 1. 3. 8.
 During erection on board vessel - 1922. Aug 11. 14. 18. 20. 23. 24. 28. Sept 4. 14. 15. 18. 21.
 Total No. of visits *43*

Is the approved plan of main boiler forwarded herewith *Yes*
 " " " donkey " " " *None*

Dates of Examination of principal parts—Cylinders *31.1.22* Slides *18.7.22* Covers *21.2.22* Pistons *18.7.22* Rods *10.7.22*
 Connecting rods *7.7.22* Crank shaft *25.7.22* Thrust shaft *25.7.22* Tunnel shafts *None* Screw shaft *25.7.22* Propeller *18.7.22*
 Stern tube *10.7.22* Steam pipes tested *1.8.22* Engine and boiler seatings *14.8.22* Engines holding down bolts *28.8.22*
 Completion of pumping arrangements *21.9.22* Boilers fixed *22.8.22* Engines tried under steam *21.9.22*
 Completion of fitting sea connections *9.8.22 - 18.9.22* Stern tube *9.8.22 - 18.9.22* Screw shaft and propeller *15.9.22*
 Main boiler safety valves adjusted *21.9.22* Thickness of adjusting washers *FORD S=1/16 P=1/32 STARD AFT S=3/32 P=1/16 PORT AFT S=1/32 P=1/16*
 Material of Crank shaft *steel* Identification Mark on Do. *6166 29.7.22 WRA* Material of Thrust shaft *25.7.22* Identification Mark on Do. *steel*
 Material of Tunnel shafts *None* Identification Marks on Do. *-* Material of Screw shafts *steel* Identification Marks on Do. *6166 WRA 25.7.22*
 Material of Steam Pipes *steel* Test pressure *660 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 *Yes* If so, state name of vessel *S.S. Spirida & S.S. Helen*

General Remarks (State quality of workmanship, opinions as to class, &c. *This vessel's machinery has been examined during construction, & the materials and workmanship are good, and in accordance with the approved plans & the requirements of the rules. On completion it was submitted to a satisfactory steam trial, at which time the safety valves were adjusted to the working pressure. It is therefore eligible in my opinion to be classed in the Register book, with the notation of + LMC 9.22. Fitted for oil fuel 9.22 - FP above 150°F.*

It is submitted that this vessel is eligible for THE RECORD. + LMC 9.22. FD. CL.

Fitted for oil fuel 9.22. FP above 150°F.

Ans. 5/10/22

The amount of Entry Fee ... £ *6* :
 Special ... £ *102* : *8*
 Donkey Boiler Fee ... £ :
 Travelling Expenses (if any) £ :
 When applied for, *4/10/22*
 When received, *9.10.22*

Francis Peterson
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 6 OCT. 1922

Assigned

+ LMC 9.22 FD, CL. Fitted for oil fuel 9.22 FP above 150°F



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MACHINERY DEPT. WRITING

Newcastle

The Surveys are required to be made on or before the date or dates specified in the Committee's Minute. Certificate (if required) to be sent to