

IS A DONKEY BOILER FITTED? *Yes*

If so, is a report now forwarded? *Yes*

HYDRAULIC TESTS:—

DESCRIPTION.	DATE OF TEST.	WORKING PRESSURE.	TEST PRESSURE.	STAMPED.	REMARKS.
ENGINE CYLINDERS					
" " COVERS	30-7-23 to 12-9-23	20 LBS/SQ	50 LBS/SQ	H.M.B.	
" " JACKETS.....	10-9-23 & 17-9-23	"	"	H.M.B.	
" PISTON WATER PASSAGES.....	24-8-23 to 6-9-23	"	"	H.M.B.	
MAIN COMPRESSORS—1st STAGE.....	24-8-23	71 LBS/SQ	150 LBS/SQ	H.M.B.	
" 2nd	24-8-23	220 LBS/SQ	500 LBS/SQ	H.M.B.	
" 3rd	26-9-23	1000 LBS/SQ	2000 LBS/SQ	H.M.B.	
AIR RECEIVERS—STARTING	13-8-23	356 LBS/SQ	685 LBS/SQ	H.P.S	
" INJECTION	21-9-23 & 2-10-23	1000 LBS/SQ	2000 LBS/SQ	H.M.B.	A.V. N° 511,512,532,531,6
AIR PIPES	18-10-23 to 21-11-23	356 LBS/SQ	712 LBS/SQ	H.M.B.	
FUEL PIPES & SUCTIONS.....	23-11-23	✓	30 LBS/SQ	✓	
FUEL PUMPS	✓	✓	✓	✓	
SILENCER	✓	✓	✓	✓	
" WATER JACKET	✓	✓	✓	✓	
SEPARATE FUEL TANKS	3-10-23 &	✓	10 LBS/SQ	H.M.B.	

PLANS. Are approved plans forwarded herewith for shafting *Feb. 1921*

Receivers *✓*

Separate Tanks *Retained at Glasgow*

SPARE GEAR. *Supplied as per attached list*

The foregoing is a correct description,
For HARLAND & WOLFE LTD.

J. C. Green,

Manufacturer.

MANAGER FINNIESTON WORKS

Dates of Survey while building { During progress of work in shops - - } *1921 Mar 9. Apr 26. May 4. 13. 23. 26. 31. Jun 6. 7. 9. 16. 23. 24. 27. 30. July 1. 4. 5. 6. Aug 9. 13. 15. 17. 20. 21. 24. 27. 28. 30. Sep 4. 5. 6. 10. 12. 14. 17. 18.*
{ During erection on board vessel - - } *2. 25. 26. 27. 29. Oct 1. 2. 3. 4. 8. 10. 12. 18. 19. 23. 24. 26. Nov 2. 13. 16. 21. 23. 26. Dec 5. 6. 7. 13. 19. 20.*
Total No. of visits *68.*

Dates of Examination of principal parts—Cylinders *10/9/23 to 17/9/23* Covers *30/8/23 to 12/9/23* Pistons *24/8/23 to 6/9/23* Rods *14/9/23* Connecting rods *14/9/23*

Crank shaft *21/8/23* Thrust shaft *6/7/23* Tunnel shafts *13/8/23 & 4/9/23* Screw shaft *9/8/23* Propeller *9/8/23* Stern tube *12/9/23* Engine seatings *26/10/23*

Engines holding down bolts *23/11/23* Completion of pumping arrangements *7/12/23* Engines tried under working conditions *19/20/12/23*

Completion of fitting sea connections *8/10/23* Stern tube *1/10/23* Screw shaft and propeller *8/10/23*

Material of crank shaft *S* Identification Mark on Do. *N° 610 H.M.C. 21-8-23* Material of thrust shaft *S* Identification Mark on Do. *7.47 2022 2205 6601 J.A.*

Material of tunnel shafts *S* Identification Marks on Do. *SEE UNDER* Material of screw shafts *S* Identification Marks on Do. *7.8.7 2023 2205 1286 L.M.C. 1978 6601 J.A.*

Is the flash point of the oil to be used over 150° F. *Yes ✓*

Is this machinery duplicate of a previous case *Yes ✓* If so, state name of vessel. *M/S "ARABY"*

General Remarks (State quality of workmanship, opinions as to class, &c.)

TUNNEL SHAFTS:—
N°1 *2318 LLOYDS 1978 P.M.C.*
N°2 *2316 LLOYDS 1973 P.M.C.*
N°3 *2327 LLOYDS 1979 P.M.C.*
N°4 *2373 LLOYDS 1998 P.M.C.*

This machinery has been built under special survey in accordance with the rules and approved plans, the materials and workmanship are sound and good, it has been fitted on board in an efficient manner, tried under working conditions and found satisfactory in all respects and is eligible in my opinion to be classed with record of L.M.C 12-23.

It is submitted that this vessel is eligible for THE RECORD. + LMC 12. 23. CL. Oil Engines. 4 SC. SA. 6 Cy 29 1/8" - 59 1/16". 489 DB. 100 lb.

The amount of Entry Fee ... £ 5 : 0 ✓ When applied for, 4/11/1924.
Special ... £ 98 : 7/-
Donkey Boiler Fee ... £ ✓ : :
Travelling Expenses (if any) £ ✓ : :
When received, 1924

H. M. Crinick,
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned

+ L.M.C. 12.23



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