

IS A DONKEY BOILER FITTED? *No.*

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:— Two Conn. Rod Top End Bolts & Nuts. Two Conn. Rod Bottom End Bolts & Nuts. Two main Bearing Bolts & Nuts. 1 Set Coupling Bolts & Nuts. Two Feed Pump valves. Two Bilge pump valves. 3 main and 2 Donkey Check valves. 6 Cylinder Cover Studs & Nuts. 6 Steam chest cover studs & nuts. 1 Propeller. 50 Condenser tube ferrules and 100 Packings. 6 Air pump valves. 2 Rings of Packing for each Piston Rod and Slide Rod. 1 Spring for Feed pump Escape valve. 1 Valve disc for main Engine Stop valve. 1 diaphragm for each size Reducing valve. 1 set Piston Rings for Centrifugal pump Engine also 1 Crosshead bush. 1 Crank pin bush. 1 main Bearing bush for same Engine. 1 set Piston & Pump Bucket Rings for Feed, General and Ballast Donkeys. 1 set Piston Rings for Fan Engine & three Winches. 100 Fine Bars. The foregoing is a correct description, 24 Baffle plates. Iron of various sizes. Bolts & nuts assorted sizes.

SWAN, HUNTER & THOMSON, LTD.

G. J. Tweedy

Manufacturers.

Dates of Survey while building	{	During progress of work in shops --	1917	1918
			Feb. 24 Oct. 15. 18 Nov. 13. Dec. 7. 10. 14. 18 Jan. 8. 14. 23. 25. 29. Feb. 14. 18 Apr. 5. 15	
			During erection on board vessel --	22. 23. 25. 26. 29. May. 1. 2. 3. 7. 10. 14. 15. 17. 22. 23. 24. 25. 27. 28. 30. Jun. 5. 7. 10. 11. 14. 15. 18. 20.
Total No. of visits			45	

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

" " " donkey " " " *Yes.*

Dates of Examination of principal parts—Cylinders 15/5/18 Slides 23/5/18 Covers 25/5/18 Pistons 23/5/18 Rods 15/5/18. Connecting rods 23/5/18 Crank shaft 6/2/18 Thrust shaft 10/5/18 Tunnel shafts 6/11/17 Screw shaft 25/4/18 Propeller 15/5/18. Stern tube 29/4/18 Steam pipes tested at Glasgow. Engine and boiler seatings 22/5/18 Engines holding down bolts 7/6/18. Completion of pumping arrangements 7/6/18 Boilers fixed 7/6/18 Engines tried under steam 15/6/18. Main boiler safety valves adjusted 10/6/18 Thickness of adjusting washers Port 1 1/2" 5/8" Centre 1 1/2" 5/8" Starboard 1 1/2" 5/8". Material of Crank shaft *Steel* Identification Mark on Do. 4541 Material of Thrust shaft *Steel* Identification Mark on Do. 4541. Material of Tunnel shafts *Steel* Identification Marks on Do. 4541 Material of Screw shafts *Steel* Identification Marks on Do. 4541. Material of Steam Pipes *Wrought Iron* Test pressure 540 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 If so, state name of vessel

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

The engines and boilers of this vessel were built under special survey and the workmanship and materials are good. On completion they were examined under steam and found to work satisfactorily. The machinery throughout is now in good and efficient condition and eligible in our opinion to have the record of L.M.C. 6.18 marked in the Society's Register Book.

It is submitted that this vessel is eligible for THE RECORD. + L.M.C. 6.18. F.D.

Fitted for oil fuel 6.18, F.P. above 150°F.

The amount of Entry Fee ... £	:	:	When applied for,
Special ...	£ 146	11	17. 6. 1918
Donkey Boiler Fee ...	£	:	When received,
Travelling Expenses (if any) £	:	:	6. 7. 1918

Committee's Minute

FRI. 5 JUL. 1918

Assigned

1 + L.M.C. 6.18 F.D. Fitted for Oil fuel 6.18 F.P. above 150°F

MACHINERY CERTIFICATE WRITTEN



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