

VERTICAL DONKEY BOILER—

Manufacturers of Steel

No.	Description	When made	Where fixed
Made at	By whom made		
Working pressure	tested by hydraulic pressure to	Date of test	No. of Certificate
Valves	No. of Safety Valves	Area of each	Pressure to which they are adjusted
If fitted with casing gear	If steam from main boilers can enter the donkey boiler	Dia. of donkey boiler	Length
Material of shell plates	Thickness	Range of tensile strength	Descrip. of riveting long. seams
Dia. of rivet holes	Whether punched or drilled	Pitch of rivets	Lap of plating
Working pressure of shell by rules	Thickness of shell crown plates	Radius of do.	No. of stays to do.
Diameter of furnace Top	Bottom	Length of furnace	Thickness of furnace plates
Working pressure of furnace by rules	Thickness of furnace crown plates	Radius of do.	Stayed by
Diameter of uptake	Thickness of uptake plates	Thickness of water tubes	Dates of survey

SPARE GEAR. State the articles supplied:— Two connecting rod top and bottom end bolts and nuts, two main bearing bolts, one set of coupling bolts, one set of feed bridge and air pump valves, iron and bolts of various sizes, one air pump rod, bucket and head valve, one circulating pump rod and bucket.

FOR The foregoing is a correct description,
SWAN, HUNTER & WIGHAM RICHARDSON, LTD.
Manufacturer.

A. J. Tacey DIRECTOR 1912

Dates of Survey while building	During progress of work in shops	During erection on board vessel	Total No. of visits
21. 23. 25. 30. Nov. 1. 5. 11. 12. 14. 18. 26. 27. 29. Dec. 3. 5. 6. 9. 10. 12. 16. 18. 19. 20. 30. 1912	Jan. 21. Feb. 2. 3. 8. 15. 18. Aug. 14. 20. 27. 28. Sep. 3. 6. 10. 13. 16. 19. 20. 23. 26. 27. Oct. 3. 8. 14. 1912	12. 13. 17. 21. 24. 26. 27. 28. Dec. 11. 20. 27. Apr. 3. 11. 16. 17. 21. 23. 25. 28. 1913	(81 + 17)

Is the approved plan of main boiler forwarded herewith Yes

Is the approved plan of donkey boiler forwarded herewith Yes

Dates of Examination of principal parts—Cylinders 11, 11, 12 Slides 12, 12, 12 Covers 5, 11, 12 Pistons 12, 12, 12 Rods 29, 11, 12

Connecting rods 8, 10, 12 Crank shaft 18, 10, 12 Thrust shaft 18, 10, 12 Tunnel shafts 18, 10, 12 Screw shaft 18, 10, 12 Propeller 17, 1, 13

Stern tube 19, 12, 12 Steam pipes tested 25, 4, 13 Engine and boiler seatings 16, 4, 13 Engines holding down bolts 25, 4, 13

Completion of pumping arrangements 11-6-13 Boilers fixed 25, 4, 13 Engines tried under steam 9-5-13

Main boiler safety valves adjusted 9-5-13 Thickness of adjusting washers Pnt B. P. 5 7/8" Std B. P. 9 1/2" 5 7/8"

Material of Crank shaft Steel Identification Mark on Do. 7261 Material of Thrust shaft Steel Identification Mark on Do. 2712

Material of Tunnel shafts Steel Identification Marks on Do. 2712 Material of Screw shafts Steel Identification Marks on Do. 2712

Material of Steam Pipes Steel Test pressure 57.0 lb.

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

The Engines & boilers of this vessel have been built under special survey, the material & workmanship is good, they have been efficiently fitted on board and the vessel will be eligible in our opinion to have the notation of L.M.C. (with date) if the survey is complete. Vessel sailed for Sunderland (Surveyors advised)

Survey complete.

Sunderland - Now done - The main boiler safety valves adjusted, as above.

The main engines and donkeys tried under steam

The pumping arrangement completed

The donkey boiler fixed and its safety valves adjusted (see separate report)

A steam valve fitted on ship's side to fresh water condenser discharge.

The electric lighting installation completed.

The machinery is now eligible in my opinion for classification and notation

It is submitted that this vessel is eligible for THE RECORD + LMC 7.13

The amount of Entry Fee .. £ 3 : 0

Special .. £ 41 : 7

Donkey Boiler Fee .. £ 2 : 2

Travelling Expenses (if any) £ :

When applied for, MAY 7 1913

When received, 17.5.13

Committee's Minute TUE. JUL 8 - 1913

Assigned + LMC 7.13

Engineer Surveyors to Lloyd's Register of British & Foreign Ships

