

VERTICAL DONKEY BOILER—

No. _____ Description _____ Manufacturers of Steel _____

Made at _____ By whom made _____ When made _____ Where fixed _____

Working pressure _____ tested by hydraulic pressure to _____ Date of test _____ No. of Certificate _____ Fire grate area _____ Description of _____

Valves _____ No. of Safety Valves _____ Area of each _____ Pressure to which they are adjusted _____ Date of adjustment _____

If fitted with easing 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 _____ Per centage of strength of joint _____ Rivets _____

Working pressure of shell by rules _____ Thickness of shell crown plates _____ Radius of do. _____ No. of stays to do. _____ Dia. of stays _____ Plates _____

Diameter of furnace Top _____ Bottom _____ Length of furnace _____ Thickness of furnace plates _____ Description of joint _____

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:— 2mo top & bottom end and main beam bolts nuts, a set of coupling bolts nuts, a set of feed, bilge, escape, check, safety valves, safety valve springs, donkey pump valves, air & circulating pump valves, bolts nuts & assorted iron.

The foregoing is a correct description,

For the Great Central Co. of Eng Ship Repair Co. W. Pringle

Manufacturer.

Dates of Survey while building: During progress of work in shops -- 1914 Nov 7. 18. 25 Dec 14. 22. 29 Jan 15. 14. 26 Feb 15. 20 Mar 15. 31 Apr 15. 10. 21 May 15. 18 June 15. 14 July 15. 9. 16
During erection on board vessel -- 21. 28 Aug 15. 13. 20. 27 Sep 15. 2. 4. 21. 24 Oct 15. 2. 7. 21. 28 Nov 15. 2. 6. 7. 22. 25 Dec 15. 8. 30
Total No. of visits 33.

Is the approved plan of main boiler forwarded herewith *ye*

Dates of Examination of principal parts—Cylinders 10.4.15 Slides 26.1.15 Covers 10.4.15 Pistons 10.4.15 Rods 10.4.15
Connecting rods 10.4.15 Crank shaft 10.4.15 Thrust shaft 30.12.15 Tunnel shafts ✓ Screw shaft 4.9.15 Propeller 2.9.15
Stern tube 2.9.15 Steam pipes tested 4.1.16 Engine and boiler seatings *See at Hull* Engines holding down bolts 13.1.16
Completion of pumping arrangements 21.1.16 Boilers fixed 20.1.16 Engines tried under steam 21.1.16
Main boiler safety valves adjusted 21.1.16 Thickness of adjusting washers *P 3/8 F 5/8*
Material of Crank shaft *mp steel* Identification Mark on Do. 10.4.15 Material of Thrust shaft *Iron* Identification Mark on Do. 30.12.15
Material of Tunnel shafts ✓ Identification Marks on Do. ✓ Material of Screw shafts *Iron* Identification Marks on Do. 4.9.15
Material of Steam Pipes *Solid drawn copper - 6 swg.* Test pressure 400 lb.

General Remarks (State quality of workmanship, opinions as to class, &c.) This machinery has been built under special survey and the material and workmanship are good. The engines and boiler have been efficiently fitted in the vessel and in my opinion are eligible for records of + LMC 1.16. Elec light.

It is submitted that this vessel is eligible for THE RECORD + LMC 1.16.

GPR

Fur
3/1/16

The amount of Entry Fee .. £ 1 : : :
Special .. £ 12 : 12 : :
Donkey Boiler Fee .. £ : : :
Travelling Expenses (if any) £ : : :
When applied for 1/2/16
When received 1/3/16

C. Marshall
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute TUE. - 8 FEB. 1916
Assigned + LMC 1.16