



VERTICAL DONKEY BOILER— Manufacturers of Steel As per Report attached hereto ✓

Form with fields: No., Description, 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 Safety 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, Plates, Working pressure of shell by rules, Thickness of shell crown plates, Radius of do., No. of stays to do., Dia. of stays, 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:— The top end bolts. The bottom end bolts. See main bearing bolts. One set coupling bolts. One set dead pump valves. One set Ridge pump valves. One set of Pressure piston springs. Propeller shaft. Propeller. Fair winch and fair bottom end runner, piston rod, valve spindle, Air Red. Circulating Rod. Bolts. nuts &c. The foregoing is a correct description, Manufacturer. John Williams

Table with columns: Dates of Survey while building, 1912 (Aug. 21-27, Sept. 2-10, Oct. 2-8, Nov. 1-7, Dec. 2-8), 1913 (Jan. 4-10, Feb. 1-7, Mar. 1-7, Apr. 1-7, May 1-7, Jun. 1-7, Jul. 1-7, Aug. 1-7, Sep. 1-7, Oct. 1-7, Nov. 1-7, Dec. 1-7), Total No. of visits (73), Is the approved plan of main boiler forwarded herewith (Yes)

Dates of Examination of principal parts—Cylinders 20/11/12 Slides 20/11/12 Covers 20/11/12 Pistons 20/11/12 Rods 13/11/12 Connecting rods 11/11/12 Crank shaft 12/11/12 Thrust shaft 12/11/12 Tunnel shafts - Screw shaft 19/11/12 Propeller 27/9/12 Stern tube 22/11/12 Steam pipes tested 19/12/12 4/1/13 Engine and boiler seatings 3/12/12 Engines holding down bolts 4/12/12 Completion of pumping arrangements 22/1/13 Boilers fixed 21/1/13 Engines tried under steam 21/1/13 Main boiler safety valves adjusted 21/1/13 Thickness of adjusting washers P 2/1/13 S 19/12 P 11/16 S 23/12 Material of Crank shaft Steel Identification Mark on Do. 5269 Material of Thrust shaft Steel Identification Mark on Do. 5269 Material of Tunnel shafts Steel Identification Marks on Do. 5269 Material of Screw shafts Steel Identification Marks on Do. 5269 Material of Steam Pipes Steel Test pressure 600 lb

General Remarks (State quality of workmanship, opinions as to class, &c. Workmanship good. Trap on air coils tested to 400 lb and body to 50 lb.

This vessel is fitted to burn Liquid Fuel by Myers Patent. The fuel pumping arrangement being in accordance with the Photo Paint approved when tested at Moorings all worked well. Coal can also be burnt.

The machinery and boilers of this steamer have been constructed under special survey, and placed on board in accordance with the Society's Rules. They are now in my opinion in safe working condition, and the case is respectfully submitted for the certification, + L.M.C. 1-13, (Fitted for oil fuel) in the Register Book. (Machinery All). It is submitted that this vessel is eligible for THE RECORD. + L.M.C. 1.13. Fitted for oil fuel 1.13. F.P. above 150° F. Same as above. J.W.D. 4/12/13 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Table with columns: Fee type, Amount (£), When applied for, When received. The amount of Entry Fee £ 2 : : 31.1.13 Special £ 33 10 : : Donkey Boiler Fee £ : : 4/2/13 Travelling Expenses (if any) £ : : Committee's Minute Assigned

Committee's Minute Assigned Fitted for oil fuel 1.13 F.P. above 150° F.

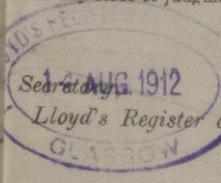
Date of writing Reg. No. in Surve Reg. Book. on the Master Boilers made at Owners

VERTICAL Made at tested by hydraulic No. of safety valves enter the donkey boiler strength 29/32 Dia. of rivet holes Lap of plating Radius of do. 3-6

Port We req Gray & Co. Specially Surveyed

We hereby For boilers of Horse Power, on above 200. The than £2 2s. MEM.—In ex all cases where t to be defrayed by No. 5925

This request is made Foreign Shipping, wh while the Committee use t od that neither the Comm port or certificate issued b or for any error of judgment



Fitted

Survey Fee Travelling Exp

Committee's Assigned

