

REPORT ON BOILERS.

No. 30354. THU. JAN. 4 - 1912

Date of writing Report June 26th 1911 When handed in at Local Office 30-6-11. Port of Glasgow.
 No. in Survey held at Carfin Date, First Survey 19th April 1911 Last Survey June 23rd 1911
 Reg. Book. New. on the boiler no. 1325 for Ross & Duncan Engs. 872. (Number of Visits 13) Gross Tons Net Tons
 Master Built at Dublin By whom built Dublin Dockyard Co S.S. No. 74 When built 1911
 Boilers made at Glasgow By whom made Ross & Duncan When made 1911
 Owners Michael Murphy Ltd. Port belonging to Cardiff

VERTICAL DONKEY BOILER - No. One Description Vertical Brass Tube Manufacturers of steel D. Colville & Sons
 Made at Carfin By whom made A. Anderson & Sons When made 1911 Where fixed stokehold Working pressure 90 lbs
 tested by hydraulic pressure to 180 Date of test 23-6-11 No. of Certificate 11074 Fire grate area 148 Description of safety valves spring loaded
 No. of safety valves one Area of each 7.070 Pressure to which they are adjusted 90 lbs If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler No Dia. of donkey boiler 5'-0" Length 10'-6" Material of shell plates steel Thickness 3/8" Range of tensile strength 2832 Descrip. of riveting long. seams D.R. lap Dia. of rivet holes 13/16" Whether punched or drilled drilled Pitch of rivets 2 1/2"
 Lap of plating 4" Per centage of strength of joint 96.4 Working pressure of shell by rules 92 Thickness of shell crown plates 1/2"
 Radius of do. 5'-0" No. of Stays to do. 4 Dia. of stays 1 3/8" Diameter of furnace Top 4'-1 7/8" Bottom 4'-5 3/8" Length of furnace 5'-3"
 Thickness of furnace plates 1/2" Description of joint weld Working pressure of furnace by rules 112 Thickness of furnace crown plates 1/2" Radius of do. 4'-0" Stayed by 4 stays 1 3/8" dia. Diameter of uptake 15" outside Thickness of uptake plates 1/2"
 Thickness of water tubes 3/8"

The foregoing is a correct description,
Alex. Anderson & Sons Manufacturer.

Dates of Survey while building
 { During progress of work in shops - - } 1911. April 19. 25. May 1. 8. 10. 15. 19. 25. 29. June 2. 8. 12. 23.
 { During erection on board vessel - - - }
 Total No. of visits 13.

Is the approved plan of boiler forwarded herewith Yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The materials and workmanship are good.

This boiler has been built under special survey in accordance with the rules and approved plan to the order of Messrs Ross & Duncan, and is to be fitted on board the vessel at Glasgow.

This boiler has been satisfactorily fitted in the

Survey request form S.S. 'Inda'
 No. 682 attached

P.J.B.

Survey Fee £ 2 : 2 : 5 When applied for, 28. 6. 19. 11.
 Travelling Expenses (if any) £ : 10 : 4 When received, 5. 8. 19. 11.

A.C. Forster

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute Glasgow 4-JUL-1911

GLASGOW 3-JAN-1912

FRI. JAN. 5-1912

Assigned Transmit to London.

See minute on Glasgow Report No. 30962

Lloyd's Register Foundation

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