

## REPORT ON BOILERS.

No. 36330

Date of writing Report 22 Sep 1916 When handed in at Local Office Glasgow Port of Glasgow  
 No. in Reg. Book. Survey held at Glasgow Date, First Survey 8-3-16 Last Survey 12<sup>th</sup> Sept 1916  
 on the Vertical Boiler designated No 3562, SS Aragonloch (Number of Visits 15) Gross Tons 15 Net Tons 15  
 Master James Hargreaves Built at Port Glasgow By whom built Ferguson Bros When built 1917  
 Boilers made at Glasgow By whom made Muir & Findlay When made 1916  
 Owners Andersson Ltd Lang, Fulton Port belonging to Greenock

VERTICAL DONKEY BOILER. No. 3562 Description Two Cross Tubes Manufacturers of steel Steel Coy of Scotland  
 Made at Glasgow By whom made Muir & Findlay When made 1916 Where fixed on board Working pressure 80 lbs  
 tested by hydraulic pressure to 100 lbs Date of test 12/9/16 No. of Certificate 13546 Fire grate area 5 sq ft Description of safety valves 1 & 2 Spring  
 No. of safety valves 2 Area of each 7.7 Pressure to which they are adjusted 85 lb If fitted with easing gear ✓ 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 28/32 Descrip. of riveting long. seams DR Lap Dia. of rivet holes 13/16" Whether punched or drilled drilled Pitch of rivets 2 1/4"  
 Lap of plating 4" Per centage of strength of joint 85.8 Working pressure of shell by rules 96 lbs Thickness of shell crown plates 1/2"  
 Radius of do. 5'-0" No. of Stays to do. 4 Dia. of stays 2.0329 in Diameter of furnace Top 4'-2" Bottom 4'-6" Length of furnace 4'-6"  
 Thickness of furnace plates 1/2" Description of joint held Working pressure of furnace by rules 94 lbs Thickness of furnace crown plates 1/2" Radius of do. 5'-0" Stayed by four stays Diameter of uptake 14" Thickness of uptake plates 7/16"  
 Thickness of water tubes 3/8"

The foregoing is a correct description.

Manufacturer.

Dates of Survey while building  
 During progress of work in shops - 1916. Mar 8, 15, 20, 27 Apr 5, May 29, Jun 5, 13, 25 July 17, Aug 3, 7, 15, Sept 1, 12.  
 During erection on board vessel - 15  
 Total No. of visits 15

Is the approved plan of boiler forwarded herewith Yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under special survey in accordance with the approved plan. The workmanship and material is good, and the boiler is suitable in my opinion for a working pressure of 80 lbs. per sq. in. The boiler is to the order of Messrs Ferguson Bros. Port Glasgow and is being used for their engines No 223.

## Survey request form

No. 1819 attached This donkey boiler has now been efficiently fitted on board The above named steamer.

Survey Fee ... £ 2 : 2 : When applied for, 19  
 Travelling Expenses (if any) £ : : When received, 19

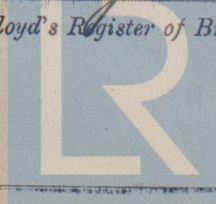
MONTHLY ACCOUNT

Peter M. Gregor, Esq.

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

Committee's Minute GLASGOW

3 - OCT. 1916

Assigned TRANSMIT TO LONDONLloyd's Register  
Foundation

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