

REPORT ON BOILERS.

Wve. n^o 55237.
Eys. No. 26550
WED 6 MAY 1908

Received at London Office

Date of writing Report 19 When handed in at Local Office 2/6/1908 Port of Glasgow **WED. 18 AUG 1908**

No. in Survey held at Arman Date, First Survey 28th Feby. Last Survey 24/4/08

Reg. Book. 1176 on the Donkey Boiler for S.S. Walter Scott (Blyth S. Co. No 1140) (Number of Visits 9) (Gross 9) (Net 9)

Master J. Keel Built at Blyth By whom built Walter Scott Shipbuilding Co When built 1908

Boilers made at Sunderland By whom made N.E. Machine Eng. Co When made 1908

Owners Messrs J. O. Scott Port belonging to Newcastle-on-Tyne

VERTICAL DONKEY BOILER No. 10575 Description Vertical Corn tub Manufacturers of steel Stewart & Lloyd

Made at Arman By whom made Cocheant & Co Arman When made 1908 Where fixed Stockhold Working pressure 90 lbs

tested by hydraulic pressure to 180 Date of test 24/4/08 No. of Certificate 9378 Fire grate area 16^{sq} ft Description of safety valves Spring Loaded

No. of safety valves Two Area of each 4.91 Pressure to which they are adjusted 90 If fitted with easing gear yes If steam from main boilers can enter the donkey boiler no Dia. of donkey boiler 5-6 Length 11-0 Material of shell plates Steel Thickness 13/32 Range of tensile strength 28-34 Descrip. of riveting long. seams lap double Dia. of rivet holes 23/32 Whether punched or drilled drilled Pitch of rivets 2.65

Lap of plating 3/8 Per centage of strength of joint Rivets 70.6 Working pressure of shell by rules 99 lbs Thickness of shell crown plates 9/16 Plates 70.5

Radius of do. 4-9 No. of Stays to do. None Dia. of stays 1/2 Diameter of furnace Top 4-2 Bottom 4-8 3/8 Length of furnace 4-10 1/2

Thickness of furnace plates 9/16 Description of joint riveted Working pressure of furnace by rules 99 lbs Thickness of furnace crown plates 31/32 Radius of do. 4-9 Stayed by 1/2 Diameter of uptake 14 Thickness of uptake plates 1/2

Thickness of water tubes 3/8

The foregoing is a correct description.
For COCHEANT & CO., ARMAN, LIMITED.
M. J. Bell Manufacturer.

Dates of Survey while building

During progress of work in shops - -	} 1908. Feby. 28. Mar. 5. 9. 18. 22. Apr. 10. 15. 16. 24.		
		During erection on board vessel - - -	} 9
		Total No. of visits	

Is the approved plan of boiler forwarded herewith _____

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This Boiler has been built under special survey. The materials & workmanship are of good description and the hydraulic test proved satisfactory.

RETAIN

Drawing No 6888.

This Boiler has now been fitted on the above vessel & the safety valves adjusted under steam

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

Survey Fee £ 2 : 2 : } When applied for, April 9th 1908

Travelling Expenses (if any) £ : : } When received, 19

James Hollison & A. M. Grant
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute Glasgow - 5. MAY. 1908

Assigned Transmit to London

G. A. Dryden Joyce 2020
Lloyd's Register Foundation
FRI. 21 AUG 1908