

REPORT ON BOILERS.

THU. FEB. 12. 1914

Old Rpt No 26006

No. 33583

WED. DEC. 3-1913

Date of writing report 27-11-1913 When handed in at Local Office 29-11-1913 Port of Glasgow
 No. in Survey held at Aman Date, First Survey 31-10-1913 Last Survey 27-11-1913
 Reg. Book. 55 on the Donkey Boiler for S/S KAPARA (Chas. I. Brown & Sons S/S 152) Tons } Gross 542
 Master D. Forrest Built at Sunderland By whom built John Brown & Sons Ltd } Net 405
 Boiler made at Aman By whom made Cochran & Co. Aman Ltd When built 1914
 Owners Adelaide Steam Tug Co When made 1913
 Port belonging to Port Adelaide

VERTICAL DONKEY BOILER - No. 6384 Description Cochran's Manufacturers of steel W Beardmore & Co
 Made at Aman By whom made Cochran & Co When made 1913 Where fixed stoke Working pressure 100
 tested by hydraulic pressure to 200 Date of test 27-11-13 No. of Certificate 1243 Fire grate area 22-5 Description of safety valves direct spring
 No. of safety valves two Area of each 4910 Pressure to which they are adjusted 104 If fitted with easing gear yes If steam from main boilers can enter the donkey boiler no
 Dia. of donkey boiler 6-6 Length 13-6 Material of shell plates S Thickness 1/2 - 19/32 Range of tensile strength 28-32
 Descrip. of riveting long. seams dl Dia. of rivet holes 27/32 Whether punched or drilled d Pitch of rivets 2-67
 Lap of plating 4 1/8 Percentage of strength of joint 69 Working pressure of shell by rules 108 Thickness of shell crown plates 7/16 - 27/32
 Radius of do. 3-3 No. of Stays to do. none Dia. of stays Red Diameter of furnace Top 2-9 Bottom 2-9 Length of furnace 3-7 1/4
 Thickness of furnace plates 1/2 Description of joints hemispher. & R-R Working pressure of furnace by rules 100 Thickness of furnace crown plates 1/2 Radius of do. 2-9 Stayed by hemisphere Diameter of uptake 15 x 23 Thickness of uptake plates 9/16
 Thickness of water tube Plate F 13/16 B 23/32

The foregoing is a correct description,
 For COCHRAN & CO., AMAN, LIMITED Manufacturer.

Dates { During progress of work in shops - - } 1913 Oct. 31. Nov. 7-24-27
 Survey while building { During erection on board vessel - - - } Feb 3. 5. 9
 Total No. of visits 5-8

Is the approved plan of boiler forwarded herewith Yes 9884

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

The Material & workmanship is good.
 The boiler has been built under special survey.

Survey request form No. C979 attached

Sunderland :- The boiler has been satisfactorily fitted in the vessel and its safety valves adjusted, as above, adjusting washers - P 9/16 S 7/16.

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

MONTHLY ACCOUNT.

Committee's Minute GLASGOW 2-DEC. 1913

Assigned Transmit to London

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

FRI. FEB. 13. 1914

