

REPORT ON BOILERS.

No. 42975

WFD. 29 AUG. 1923

Received at London Office

Report of writing Report 24th Aug. 1923 When handed in at Local Office 25th Aug. 1923 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 3. 8. 23 Last Survey 24. 8. 1923
 7. Book. on the Cochran Boiler No 8921 for S.S. "ALBATROSS" (Number of Visits 4) Tons { Gross 1948
 Net 1198
 Built at Grangemouth By whom built Grangemouth Dockyard Co. Ltd (409) When built 1924
 Made at Annan By whom made Cochran & Co., Annan Rd. When made 1923
 Owners General Steam Navigation Co. Ltd. Port belonging to London.

VERTICAL DONKEY BOILER — No. One Description Cochran Manufacturers of steel D. Colville & Sons, Ltd.
 Made at Annan By whom made Cochran & Co., Annan Rd. When made 1923 Where fixed in Stowhead Working pressure 100 lbs.
 Tested by hydraulic pressure to 200 lbs. Date of test 24. 8. 23 No. of Certificate 16322 Fire grate area 26 3/4 Description of safety valves Spring loaded
 of safety valves two Area of each 7.07 sq. in. Pressure to which they are adjusted 103 lbs./sq. in. If fitted with easing gear _____ If steam from main boilers can
 be used for the donkey boiler no Dia. of donkey boiler 7'-0" Length 14'-0" Material of shell plates Steel Thickness 5/8" Range of tensile, 23 1/2 B.
24 1/2 B. 25 1/8 B.
 Length 28 3/2 Descrip. of riveting long. seams D.R. Lap. Dia. of rivet holes 27/32 Whether punched or drilled drilled Pitch of rivets _____
 Kind of plating 4-4 Per centage of strength of joint Rivets 672 Working pressure of shell by rules 108 lbs. Thickness of shell crown plates 7/16 + 7/8
 Plates 67.0 Diameter of furnace Top Hemisphere Bottom 6'-0" Length of furnace 3'-11 1/2
 Dia. of do. 3'-6" No. of Stays to do. None Dia. of stays _____ Ring of furnace _____
 Thickness of furnace plates 17/32 Description of joint Reamers & Ogee Working pressure of furnace by rules 122 lbs. Thickness of furnace crown
 plates 17/32 Radius of do. 3'-0" Stayed by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake plates 9/16
 Thickness of water tube plates 3/4"

The foregoing is a correct description,
 For COCHRAN & CO., ANNAN, LIMITED
 Thomas Watley. Manufacturer.

Dates { During progress of work in shops - - } 1923 Aug 3. 10. 17. 24.
 Survey while building { During erection on board vessel - - } _____
 Total No. of visits 4 Is the approved plan of boiler forwarded herewith yes ✓
 Drawing No 12718 ✓

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler, which has not been built under Special Survey, has been examined throughout, and the Reamthings checked and found in accordance with the plan; the materials have been tested by the Society's surveyors, and the marks on plates verified with the certificates; the boiler has been tested by hydraulic pressure to 200 lbs. per square inch with satisfactory results; workmanship good.
This boiler is a duplicate of the boiler No 8976, Glasgow Report No 42393, and is intended for Messrs. D. Rowan & Co. Ltd. Contract No 760.

Annual Survey Request.

This donkey boiler has now been satisfactorily fitted on board the vessel and the safety valves adjusted under steam to 103 lbs./sq. in.
 H.B. Forster,
 Glasgow.
 13/9/24

Survey Fee £ 4 : 4 : } When applied for, 19
 Travelling Expenses (if any) £ : : } When received, 19

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

Committee's Minute GLASSGOW, 28 AUG 1923
 Assigned TRANSMIT TO LONDON

GLASGOW 16 SEP 1924
 See G.S. R.M. No 43965
 Lloyd's Register Foundation
 00617-008924-0035