

REPORT ON BOILERS.

11 APR 1927

Bel. 9717

No. 46304

28 JAN 1927

Received at London Office

Writing Report 19 When handed in at Local Office 24-1-27 10 Port of Glasgow
 Survey held at Annan, Scotland Date, First Survey 3rd Dec 1926 Last Survey 21st Jan. 1927.
 on the Cochran Bldg 9986 "PORT FREEMANTLE"
 Built at Belfast By whom built Wakman Clark Ltd. When built 1927.
 made at Annan, Scotland By whom made Messrs Cochran & Co. Annan Ltd. When made 1927
 Commonwealth & Dominion Line Ltd. Port belonging to London

TICAL DONKEY BOILER— No. One Description Cochran Type Manufacturers of steel Phoenix & Co. Ltd. Annan
 By whom made Cochran & Co. When made 1927 Where fixed Engine Room Working pressure 125 lbs
 hydraulic pressure to 238 lbs Date of test 20/1/27 No. of Certificate 1284 Fire grate area 16.75 sq Description of safety valves 2 Spring loaded
 safety valves 2 Area of each 3.14 sq Pressure to which they are adjusted 100 lbs If fitted with easing gear Yes If steam from main boilers can
 e donkey boiler Dia. of donkey boiler 5' 6" Length 14' 0" Material of shell plates Steel Thickness 3/32" Range of tensile 3.775"
 Descrip. of riveting long. seams DR lap Dia. of rivet holes 2 3/32" Whether punched or drilled drilled Pitch of rivets 2.6875"
 plating 1/4" Per centage of strength of joint Rivets 40.5% Working pressure of shell by rules 130.3 lbs Thickness of shell crown plates 7/16" 3/32"
 of do. 3' 9" No. of Stays to do. Dia. of stays Diameter of furnace Top Hemisphere Bottom 4' 9" Length of furnace 3' 4 1/8"
 ss of furnace plates 1/2" Description of joint Seams & Ogee Ring Working pressure of furnace by rules 144.8 lbs Thickness of furnace crown
 "Ogee Ring 3/32" Diameter of uptake 13' 1 1/2" Thickness of uptake plates 1/2"
 Radius of do. 3' 4 1/2" Stayed by Hemisphere Diameter of uptake 13' 1 1/2" Thickness of uptake plates 1/2"
 ss of water tube plates Front 7/8" Back 3/4"

The foregoing is a correct description,

COCHRAN & CO., ANNAN, LIMITED Manufacturer.
 J. E. Woodham

Drawing No 15482

During progress of work in shops - 1926 Dec 3-14-21-30
 During erection on board vessel - 1927 Jan 7-11-18-21
 Total No. of visits 8

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 survey in accordance with the Rules and approved plan. Materials and workmanship good. This boiler is ordered by Messrs Workman, Clark & Co. Ltd, Belfast for ship no 489.

This boiler has been efficiently installed and fastened to a seat at the starboard forward end of the engine room. It is fitted with two spring-loaded safety valves 2" diam. The safety valves were adjusted to steam to 100 lbs. Boring feed is fitted. In my opinion the boiler is eligible for a classed vessel. R. Lee Ames.

Survey Fee ... £ 4 : 4 : When applied for, 10
 Travelling Expenses (if any) £ : : When received, 10

MONTHLY ACCOUNT

A. Campbell

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

GLASGOW 25 JAN 1927

TRANSMIT TO LONDON

Lloyd's Register Foundation

003549-003555-0131