

REPORT ON BOILERS.

No. 43675.

WED. 25 MAY. 1924

Received at London Office
 Date of writing Report 24th May, 1924 When handed in at Local Office 24th May, 1924 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 15.5.24 Last Survey 23.5.1924
 Reg. Book. 88505 on the Cochran Boiler N° 9214 S. Dorset Coast (Number of Visits 2) Gross 1483 Tons Net 183
 Master Capt. J. Ford Built at Barns By whom built James Smith & Co. Ltd. When built
 Boiler made at Annan By whom made Cochran & Co., Annan Ltd. When made 1924
 Owners Coast Line Ltd. Port belonging to Liverpool

VERTICAL DONKEY BOILER— No. One Description Cochran Manufacturers of steel O. Bolville & Sons Ltd.
 at Annan By whom made Cochran & Co., Annan Ltd. When made 1924 Where fixed Holker Working pressure 100 lbs./sq. in.
 tested by hydraulic pressure to 200 lbs./sq. in. Date of test 23.5.24 No. of Certificate 16511 Fire grate area 11 3/4 Description of safety valves Spring loaded
 of safety valves 2 Area of each 3.5 Pressure to which they are adjusted 103 1/2 If fitted with easing gear Yes If steam from main boilers can
 the donkey boiler No Dia. of donkey boiler 4'-9" Length 10'-3" Material of shell plates Steel Thickness 3/8" & 7/16" Range of tensile 2.395" & 2.333"
 length 27 3/4 Descrip. of riveting long. seams DR Lap Dia. of rivet holes 23/32 Whether punched or drilled drilled Pitch of rivets 2 3/8"
 of plating 3 3/4 Per centage of strength of joint Rivets 74.5 Working pressure of shell by rules 117 lbs./sq. in. Thickness of shell crown plates 9/16"
 of do. 4'-9" No. of Stays to do. None Dia. of stays — Diameter of furnace Top Hemisphere Bottom 4'-0" Length of furnace 2'-2 3/8"
 thickness of furnace plates 1/2" Description of joint Seamless Working pressure of furnace by rules 172 lbs./sq. in. Thickness of furnace crown
 plates 1/2" Radius of do. 4' Stayed by Hemisphere Diameter of uptake 11'-16 3/4" Thickness of uptake plates 1/2"
 thickness of water tube plates 3/8"

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

Dates { During progress of work in shops - - } 1924 May 15-23
 of Survey { During erection on board vessel - - }
 while building { Total No. of visits 2

Drawing N° 13217

Is the approved plan of boiler forwarded herewith Yes.

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 scantlings 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./sq. in. with satisfactory results; workmanship good.
 This boiler, which is a duplicate of Boiler N° 9101, Glasgow Report N° 42976, is to the order of Messrs. J. H. Bullimore & Co., Cardiff, and is intended for the s.s. "Dorset Coast".

Annual Survey Request

This boiler has now been fitted & secured on board status under
steam with satisfactory results

John L. Gwynne

Survey Fee ... £ 4 : 4 : 9 When applied for, ... 19
 Travelling Expenses (if any) £ : : When received, ... 19

MONTHLY ACCOUNT

Harry Clarke. A. B. Foster
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute
 Assigned

GLASGOW 27 MAY 1924
 TRANSMIT TO LONDON

FRI. 12 SEP 1924

Lloyd's Register Foundation

005480-005488-0178