

APR 29 1937

Rpt. 5e.

REPORT ON BOILERS.

Sld. No. 32064
Sld. No. 58042

APR 17 1937

Date of writing Report 12.2.1937 When handed in at Local Office 12.2.1937 Port of Glasgow
No. in Survey held at Annan Date, First Survey 22.11.35 Last Survey 11.2.1937
Reg. Book. on the Boiler No. 13212. FULHAM III
Master Built at Burntisland By whom built Burntisland S.B. Co. Ltd When built 1937
Boilers made at By whom made When made
Owners Fulham Borough Council Port belonging to

VERTICAL DONKEY BOILER— No. 1 Description Cochran Manufacturers of steel Steel C° 8' land
Made at Annan By whom made Cochran & Co. Annan When made 1937 Where fixed Port of Glasgow Working pressure 100
tested by hydraulic pressure to 200 Date of test 11.2.37 No. of Certificate 19904 Fire grate area Description of safety valves S.L.
No. of safety valves 2 Area of each 3.14 Pressure to which they are adjusted 100 lbs If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler Diameter of donkey boiler 5'3" Length 11'9" Material of shell plates S Thickness 1/2" 7 1/32"
Range of tensile strength 28-32 Description of riveting long. seams S.R.L. Diameter of rivet holes 25/32" Whether punched or drilled drilled Pitch of rivets 2.594, 2.625, 2.675 Lap of plating 3 7/8 Per centage of strength of joint Rivets 72.45 Working pressure of shell by rules 117.7 Thickness of shell crown plates 1/4" 3/8" Radius of do. 2'7 1/2" No. of stays to do. None Diameter of stays Diameter of furnace—Top Bottom 4'6" Length of furnace Thickness of furnace side plates 1/2" Description of joint S.L. Working pressure of furnace by rules 153 Thickness of Ogee ring 4 3/64 Working pressure of Ogee ring by rules 103.9 Thickness of furnace crown plates 1/2" Radius of do. 2'3" Stayed by Hemisphere Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 9/16" Thickness of tube plates front 11/16" back 9/16" Mean pitch of stay tubes in nest 10.7" Pitch in outer vertical rows 8
Diameter of tube holes FRONT stay 2 1/16" BACK stay 2 1/2" Working pressure of tube plates by rules 105.78 Tubes: Material Iron
External diameter stay 2 1/2" Thickness stay 11/32" No. of threads per inch 9 Pitch of tubes 4" x 3 1/16"
Working pressure by rules 125 Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating ring 6" x 5/8" No. of rivets and diameter of rivet holes 36 - 25/32 Outer row pitch at ends 3 1/16"

FOR COCHRAN & CO., ANNAN, LTD.
The foregoing is a correct description.

W. J. R. E. X. Manufacturer.
WORKS MANAGER.

Dates of Survey while building
During progress of work in shops 1935 Nov. 22 Dec. 2.4.13.20 (1936) Jan. 10.16.22.29 Feb. 6.11.20 Drawing No. 21237
During erection on board vessel Mar. 6.12.19.26 Apr. 16.30 June 15.18.25 July 2.30 Aug. 5.13.19.28 Sep. 3.10.17.24.29
Total No. of visits 53 Oct. 8.15.23.29 Nov. 4.12.17.25.27 Is the approved plan of boiler forwarded herewith Copy.
Dec. 3.10.14.16.24.30 (1937) Jan 7.14.21.28 Feb. 4.11

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under special survey in accordance with the approved plan and the Society's Rules and requirements the materials and workmanship are good.

The boiler is to the order of the North Eastern Marine S. & L.

12/2/37

This boiler has been efficiently fitted on board and its safety valves have been adjusted under steam.

Survey Fee ... £ 4 : 4 : When applied for 16
Travelling Expenses (if any) £ : : When received 19

MONTHLY ACCOUNT

Committee's Minute GLASGOW 16 FEB 1937
Assigned TRANSMIT TO LONDON

Jas. Cairns, Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

002620-002630-0093