

# REPORT ON BOILERS.

No. 48840

6 FEB 1929

Date of writing Report 28 Jan 1929 When handed in at Local Office 1 2 1929 Port of Glasgow  
 No. in Reg. Book. Survey held at Glasgow Date, First Survey 13 12 27 Last Survey 27 1 1929  
 on the One Starting Air Receiver for M.V. STAFFORDSHIRE (Number of Visits 121) Gross 10655 Tons Net 6650  
 Master Billy S.S. & Co. Built at Glasgow By whom built The Fairfield S.E. & Co. When built 1929.1  
 Boilers made at By whom made When made 1929.1  
 Owners Billy S.S. & Co. Port belonging to Liverpool

**"AIR RECEIVER"**  
**VERTICAL DONKEY BOILER** No. One Description — Manufacturers of steel W. Bramson & Co.  
 Made at Glasgow By whom made The Fairfield S.E. & Co. When made 1928 Where fixed Eng. Room Working pressure 350 lb  
 tested by hydraulic pressure to 575 Date of test 18.5.28 No. of Certificate 791 Fire grate area — Description of safety valves Spring  
 No. of safety valves One Area of each 1.77 sq. ft. Pressure to which they are adjusted 350 lb If fitted with easing gear No If steam from main boilers can enter the donkey boiler —  
 Dia. of donkey boiler 69" Length 5'-7 1/2" Material of shell plates S. Thickness 15/16" Range of tensile strength 28/32 Descrip. of riveting long. seams DBS/T.R. Dia. of rivet holes 15/16" Whether punched or drilled D. Pitch of rivets 7/32"  
 Lap of plating — Per centage of strength of joint 90. Rivets Plates 86. Working pressure of shell by rules 355 lb Thickness of shell and crown plates 19/32, 17/32  
 Radius of do. 39" No. of Stays to do. None Dia. of stays — Diameter of furnace Top — Bottom — Length of furnace —  
 Thickness of furnace plates — Description of joint — Working pressure of furnace by rules — Thickness of furnace crown plates —  
 Radius of do. — Stayed by — Diameter of uptake — Thickness of uptake plates —  
 Thickness of water tubes —

The foregoing is a correct description,  
 THE FAIRFIELD SHIPBUILDING  
 AND ENGINEERING CO., LTD. Manufacturer.

Dates of Survey while building { During progress of work in shops - - } See Accompanying Machinery Report  
 { During erection on board vessel - - }  
 Total No. of visits 121

Is the approved plan of Receiver forwarded herewith yes

**GENERAL REMARKS** (State quality of workmanship, opinions as to class, &c.) This receiver has been constructed under special survey in accordance with the approved plan and the Society's Rules. The materials and workmanship employed in its manufacture are sound and good.

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

W. Lane & J. Macdonald  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 5 - FEB 1929

Assigned See Accompanying Machy Report

