

# REPORT ON BOILERS.

No. 42712

WED. MAY. 16 1923

Date of writing Report 19 When handed in at Local Office 7. 5. 1923 Port of Glasgow.  
 No. in Survey held at Motherwell. Date, First Survey 13<sup>th</sup> April Last Survey 25<sup>th</sup> April 1923.  
 Reg. Book. on the Capt. Steel. Air Receivers. Yacht KAREN (Number of Visits 3) Gross Tons Net  
 Master Built at Garpont By whom built Camper & Nicholson Ltd When built  
 Receivers. Boilers made at Motherwell By whom made Stewarts & Lloyds Ltd When made 1923.  
 Owners Port belonging to

**AIR RECEIVERS**  
**VERTICAL DONKEY BOILER** No. 2. Description Circular Manufacturers of steel Stewarts & Lloyds Ltd  
 Made at Motherwell By whom made Stewarts & Lloyds Ltd When made 1923. Where fixed Working pressure 200  
 Tested by hydraulic pressure to 400 Date of test 25.4.23 No. of Certificate 1624 Fire grate area Description of safety valves  
 No. of safety valves Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can  
 enter the donkey boiler Dia. of donkey boiler 2.0" 1/2 Length 8.0 D.E. Material of shell plates Steel Thickness 3/32 Range of tensile  
 strength 38.6/32 Descrip. of riveting long. seams Weld Dia. of rivet holes Whether punched or drilled Pitch of rivets  
 Lap of plating Per centage of strength of joint Rivets Working pressure of shell by rules 206 Thickness of shell crown plates 3/16  
 Radius of do. 2.0" No. of Stays to do. 2 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,  
**STEWARTS AND LLOYDS, LIMITED.** J. Neilson Manufacturer.  
 Manager

Dates During progress of work in shops - 1923 April 13 1925.  
 of Survey During erection on board vessel -  
 while building Total No. of visits 3.  
 Is the approved plan of boiler forwarded herewith Yes.

**GENERAL REMARKS** (State quality of workmanship, opinions as to class, &c.) The Receivers have been built under Special Survey in accordance with the Approved Plan & Rules of the Society. The materials & Workmanship are good. They are built to the Order of Messrs Vickers, Petters Ltd and are intended for their Engines R. 4 M. to be installed in Messrs Camper & Nicholson's Yacht K. 314. The Receivers have been forwarded to Spawick.

Survey Fee ... £ 4 : 4 : When applied for, 15/57 23  
 Travelling Expenses (if any) £ : : When received, 29.6 19 28 APR 1923

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

Committee's Minute  
 Assigned

GLASGOW 15 MAY 1923  
 TRANSMIT TO LONDON

Lloyd's Register  
 Foundation  
 W314-0340