

## REPORT ON BOILERS.

No. 44371

11 FEB 1925

Date of writing Report 19 When handed in at Local Office 6.2.1925 Port of Glasgow  
 No. in Survey held at Annan Date, First Survey Dec 19<sup>th</sup> 1924 Last Survey 30 January 1925  
 Reg. Book. 20767 on the Boiler No 9566 for Stabilimento Tecnico Triestino M.S. No. 138 (Number of Visits 5) Gross 5900 Tons Net  
 Master M.S. Giulia Built at Monfalcone By whom built Cantiere Navale Triestino When built 1925  
 Boilers made at By whom made When made  
 Owners Cornillon for Triestina or Navigazione Port belonging to Trieste

VERTICAL DONKEY BOILER— No. One Description Cochran Type Manufacturers of steel D. Colville & Sons Ltd.  
 Made at Annan By whom made Cochran & Co. Annan Ltd. When made 1925 Where fixed in C.R. Working pressure 100 lbs  
 tested by hydraulic pressure to 200 lbs Date of test 30-1-25 No. of Certificate 16114 Fire grate area 5.155 Description of safety valves direct spring.  
 No. of safety valves 2 Area of each 1.78" Pressure to which they are adjusted 100 lbs If fitted with easing gear yes If steam from main boilers can enter the donkey boiler 7" Dia. of donkey boiler 3'-3" Length 9'-0" Material of shell plates steel Thickness 3/8" Range of tensile strength 28-32 tons Descrip. of riveting long. seams D.R. LAP Dia. of rivet holes 23/32" Whether punched or drilled drilled Pitch of rivets 2.221"  
 Lap of plating 3/4" Per centage of strength of joint Rivets 80% Working pressure of shell by rules 165 lbs Thickness of shell crown plates 15/32"  
 Radius of do. 2'-11 1/8" No. of Stays to do. Dia. of stays Diameter of furnace Top 2'-7" Bottom 2'-9 1/2" Length of furnace 2'-11 3/4"  
 Thickness of furnace plates 1/2" 7/16" Description of joint S.R. LAP Working pressure of furnace by rules 162 lbs Thickness of furnace crown plates 1/2" Radius of do. 14 1/2" Stayed by Hemisphere Diameter of uptake 7 1/2" x 11 1/2" Thickness of uptake plates 7/16"  
 Thickness of water tubes plates { Front 1/2" ✓  
 Back 1/2" ✓

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIMITED. Manufacturer.  
 Thomas Watney.

Dates of Survey { During progress of work in shops - - 1924 Dec 19. 1925 JAN 9, 16, 23, 30.  
 while building { During erection on board vessel - -  
 Total No. of visits 5

Drawing No. 14144.

Copy of Is the approved plan of boiler forwarded herewith yes ✓

## GENERAL REMARKS (State quality of workmanship, opinions as to class, &amp;c.)

This boiler has been built under special Survey in accordance with the Rules of this Society and the approved plan; the material and workmanship as far as can be seen are sound and good.

This boiler is to the order of Messrs Stabilimento Tecnico Triestino, Fabbrica Macchine S. Andrea for M.S. No 444

This Donkey Boiler has been fitted on board the Motor ship Giulia (Zard No 137 C.N.T.) and arranged for burning oil fuel (flash point <sup>above</sup> 150° F). It has been examined under pressure and found in order. The safety valves were adjusted to 100 lbs Q"

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Survey Fee ... £ 2 : 15.5 : } When applied for, Monty 19  
 Travelling Expenses (if any) £ : : } When received, 19

Committee's Minute  
 Assigned

GLASGOW 10 FEB 1925  
 TRANSMIT TO LONDON

J. F. Nicholas  
 Engineer Surveyor to Lloyd's Register of Shipping.

UES. 16 FEB 1926

Lloyd's Register  
 Foundation