

1 JAN 1929

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REPORT ON BOILERS.

No. 45620

Received at London Office

1 MAY 1926

Date of writing Report 1st May 1926 When handed in at Local Office 3-5-1926 Port of Glasgow
No. in Reg. Book. 81691 Survey held at Annan, Scotland Date, First Survey 29th Jan Last Survey 30th April 1926
on the Cochran Boiler No 9956 for Messrs Stabilimento Tecnico Triestino, Trieste (Number of Visits 10) Gross 23970 Tons
M.V. 460 Net 14476
Master Carulich Soc. Triestina di Navigar. Built at Monfalcone By whom built Cautire Navale Triestino When built 1928
Boilers made at Annan, Scotland By whom made Messrs Cochran & Co. Annan Ltd When made 1926
Owners Carulich Soc. Triestina di Navigar. Port belonging to Trieste

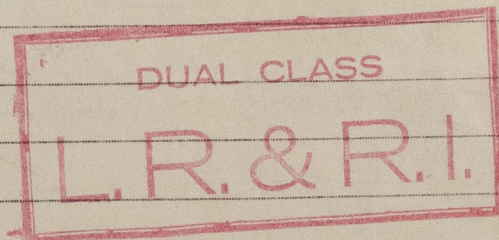
VERTICAL DONKEY BOILER— No. One Description Cochran type Manufacturers of steel W. Colvilles & Sons Ltd.
Made at Annan By whom made Cochran & Co. Annan Ltd When made 1926 Where fixed in E. R. Starb. Working pressure 100 lbs
tested by hydraulic pressure to 200 lbs Date of test 30/4/26 No. of Certificate 1114 Fire grate area 41 sq ft Description of safety valves See spring load
No. of safety valves 2 Area of each 7 sq in Pressure to which they are adjusted 100 lbs If fitted with easing gear yes If steam from main boilers can
enter the donkey boiler — Dia. of donkey boiler 8'-6" Length 19'-3" Material of shell plates Steel Thickness 19/32, 23/32, 19/32 Range of tensile 3034-3875
Strength 28350 Descrip. of riveting long. seams D.R. lap Dia. of rivet holes 3 1/32" Whether punched or drilled drilled Pitch of rivets 2 9/32"
Gap of plating 4 3/16" Per centage of strength of joint 69.5% Rivets 69.5% Working pressure of shell by rules 106.5 lbs Thickness of shell crown plates 1 1/32, 1 1/8
Radius of do. 4'-3" No. of Stays to do. none Dia. of stays — Diameter of furnace Top hemisphere Bottom 4'-5 1/4" Length of furnace 4'-4 1/8"
Thickness of furnace plates 2 1/32, 2 1/8, 1 1/8 Description of joint Seamless Age Ring Working pressure of furnace by rules 122 lbs Thickness of furnace crown
plates 2 1/32, 2 1/8, 1 1/8 Radius of do. 3'-9" Stayed by hemisphere Diameter of uptake 18 x 28 1/2" Thickness of uptake plates 9/16"
Thickness of water tube plates front. 15/16" Back. 1/8"
The foregoing is a correct description,
For COCHRAN & CO., ANNAN, LIMITED Manufacturer. W. Woodham

1.27
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Dates of Survey while building
During progress of work in shops - 1926 Jan 29 Feb 12 19 Mar 5 12 19 26 Drawing No. 15009
During erection on board vessel - Apr 6 23 30 5/10/28, 20/11/28, 11/12/28
Total No. of visits 10 3 Is the approved plan of boiler forwarded herewith yes

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

This boiler has been fitted on board the Motor Ship Vulcania
(yard No 161) in Engine Room Starb. side and fitted for oil
fuel in accordance with the requirements of the Rules.
It has been examined under steam and found in
order and its safety valves adjusted under steam to lift at
100 lbs sq"

R. P. Richards



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

MONTHLY ACCOUNT

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

Committee's Minute GLASGOW 4-MAY 1926
Assigned TRANSMIT TO LONDON

J. F. Nicholas
See Tri. R. 820
Lloyd's Register
Foundation
014349-014356-0294