

# REPORT ON BOILERS.

No. 40182.

REC'D AUG 24 1920  
REC'D AUG 14 1920

Received at London Office

Writing Report 19 When handed in at Local Office 14-7-1920 Port of Glasgow  
 in Survey held at Penrith Date, First Survey 22<sup>nd</sup> Apr. 1920 Last Survey July 9<sup>th</sup> 1920  
 Book on the Non-propelling Barge G.W.C. No. 12 (Number of Visits 3) Gross 456  
 Tons Net 425.  
 Built at Penrith By whom built Lobnitz & Co No. 855 When built 1920  
 By whom made General Works Construction Co. Ltd. Port belonging to London

**VERTICAL DONKEY BOILER**— No. 1 Description Vertical + tube Manufacturers of steel —  
 Made at Newcastle By whom made Clark Chapman & Co When made 1920 Where fixed in Penrith Working pressure 120  
 Tested by hydraulic pressure to — Date of test 6/3/20 No. of Certificate 4375 Fire grate area — Description of safety valves —  
 No. of safety valves 1 Area of each 5.19" Pressure to which they are adjusted 120 If fitted with easing gear Yes If steam from main boilers can  
 be used for the donkey boiler — Dia. of donkey boiler — Length — Material of shell plates — Thickness — Range of tensile  
 strength — Descrip. of riveting long. seams — Dia. of rivet holes — Whether punched or drilled — Pitch of rivets —  
 No. of plating — Per centage of strength of joint Rivets — Working pressure of shell by rules 72933 Thickness of shell crown plates —  
 Dia. of do. No. of Stays to do. — Dia. of — 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,  
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 Manufacturer.

Dates { During progress of work in shops - - }  
 of Survey { During erection on board vessel - - } (1920) Apr. 22<sup>nd</sup> July 6<sup>th</sup> 9<sup>th</sup>  
 while building { Total No. of visits 3 } Is the approved plan of boiler forwarded herewith

**GENERAL REMARKS** (State quality of workmanship, opinions as to class, &c.) This boiler has been well fitted on board the above vessel and its safety valve adjusted under steam.  
This vessel is in my opinion eligible to have notification of N.D.B. 7/20 in the Register Book

It is submitted that this vessel is eligible for THE RECORD. + D.B. 7.20 120 lbs.

Well  
9/8/20

Survey Fee ... .. £ 2 : 2 : } When applied for, 2-8-1920  
 Travelling Expenses (if any) £ : : } When received, 5/8/1920

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

Committee's Minute GLASGOW 8-AUG 1920  
 Assigned + D.B. 7, 20 - 120lb.



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