

REPORT ON BOILERS.

No. 38333

Received at London Office

Report **V-11-18** 1918 When handed in at Local Office **23-11** 1918 Port of **Glasgow** WED. 27 NOV. 1918
 Survey held at **Glasgow** Date, First Survey **5/14/18** Last Survey **15/11/18** 1918
 (Number of Visits **27**)
 the **Babcock & Wilcox Boilers for the S.S.**
 Built at **Chepstow** By whom built **Grinch & Co** When built **1918**
 at **Port Harour** By whom made **Babcock & Wilcox Ltd** When made **1918**
 Owners **Babcock & Wilcox Ltd** Port belonging to **Babcock & Wilcox Ltd**

TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel **Colville, Sons, Steel Co of Scotland**
S Total Heating Surface of Boilers **96364** Is forced draft fitted **Yes**
Babcock & Wilcox Marine Working Pressure **200** Tested by hydraulic pressure to **400 lbs sq in**
 Can each boiler be worked separately **-** Area of fire grate in each boiler **85314** Date of test **15/11/18**
 Area of each valve **-** Pressure to which they are adjusted **-**
 In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler **-**
 Thickness **9/16 = 1 1/16"** Range of tensile strength **28/32** Are the shell plates welded or flanged **-**
 Diameter of rivet holes in long. seams **29/32** Pitch of rivets **3.53**
 Per centages of strength of longitudinal joint **76.79** Working pressure of shell by **44.49**
 Size of manhole in shell **15" x 11"** Size of compensating ring **1/8" x 1 1/4"** No. and Description of Furnaces in each
 Thickness of plates **3/4"** Material **S**
 Working pressure by rules **240** Material of stays **S** Diameter at smallest part **1 3/16"**
 Thickness **17/32** Greatest pitch of stays **1 1/2"** Working pressure of plate by rules **13 1/16"**
 Material of tube plates **S** Thickness: Front **1/16"** Back **1/16"** Mean pitch of stays **1 1/2"** Pitch across wide **1 1/2"**
 Thickness of shell plates **3/4"** Material **S** Description of longitudinal joint **weld** Diam. of rivet **1 1/2"**
 Thickness of shell plates **3/4"** Material **S** Description of longitudinal joint **weld** Diam. of rivet **1 1/2"**

The foregoing is a correct description,
Babcock & Wilcox Limited.
W. Donald Manufacturer.

Is the approved plan of boiler forwarded herewith **Approved plan**
 in London Office **in London Office**
 Total No. of visits **27**

REMARKS (State quality of workmanship, opinions as to class, &c.) **The Boilers have been built under special**
accordance with the approved plan & the Rules of the Society. The workmanship & material
quality throughout. The sections have been tested to 400 lbs per sq inch, Drums to 400 lbs sq
inches to 400 lbs sq in. The Boilers have been dispatched, in section, to Beachley Junction
to the Naval Store Officer, will be re-tested after erection on board the vessel

Expenses (if any) £ **36 : 10 : 4** When applied for, **21/11/18** 1918
 When received, **22-1-19** 1919
Fred. O. Ferguson
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

26 NOV 1918
 TUE MAR 22 1921
 FRI OCT 14 1921
 TUE NOV 18 1921
 007553-007562-0106

Richard Wilson

480

Rpt. 51

Date of

No. 1

Reg. B

1578

Master

Boiler

Owner

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GRAMS: R



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Foundation