

REPORT ON BOILERS.

No. **71628**
THU. 8 MAY 1919
MO. 2 MAR. 1919

Received at London Office

When handed in at Local Office **20th Dec 1918**
in Survey held at **Hellburn on Tyne**
Book. **S. S. THISBE**
on the

Port of **NEWCASTLE ON TYNE.**
Date, First Survey **8th Mar. 1917** Last Survey **25th Apr 1919**

(Number of Visits) **(S.S. No 182)**
Gross **1710**
Tons Net **1043**

Built at **South Shields** By whom built **C. Remondson & Co.**
When made **1919**

Ships made at **Sunderland** By whom made **MacCall & Pollock**
When made **1918**
Ships made at **Hellburn** By whom made **Palmer Shipbuilding & Dry Dock Co.**
When made **1918**
Registered Horse Power **564/70**
Port belonging to

LTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.

Manufacturers of Steel **Spencer & Co. Ltd.**

er for record **3** Total Heating Surface of Boilers **3620 sq ft** Is forced draft fitted **No**
ers **Two, Single Ended** Working Pressure **190 lb** Tested by hydraulic pressure to **300 lb** Date of test **5-12-18**

of Certificate **9193** Can each boiler be worked separately **Yes** Area of fire grate in each boiler **52 sq ft** No. and Description of
valves to each boiler **2 Spring valves** Area of each valve **5.94 sq ft** Pressure to which they are adjusted **195 lb**

they fitted with easing gear **Yes** In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler **No**
Least distance between boilers or uptakes and bunkers or woodwork **No bunkers in inside** Mean dia. of boilers **14-3/8"** Length **10-6"**

Material of shell plates **Steel** Thickness **1 3/16"** Range of tensile strength **29/35 tons** Are the shell plates welded or flanged **No**
Rods **2 R Laps** long. seams **5 rivets** Diameter of rivet holes in long. seams **1 1/4"** Pitch of rivets **8 1/2"**

Propeller **W** width of butt straps **18 3/8"** Per centages of strength of longitudinal joint **88.4** Working pressure of shell by
bolts **19.2-19.3 lb** Size of manhole in shell **16" x 12"** Size of compensating ring **14" x 1 3/8"** No. and Description of Furnaces in each

3 Brighton Material **Steel** Outside diameter **44"** Length of plain part **top** Thickness of plates **9 1/16"**
Description of longitudinal joint **Welded** No. of strengthening rings **1** Working pressure of furnace by the rules **200** Combustion chamber

Material **Steel** Thickness: Sides **2 1/32"** Back **2 1/32"** Top **2 1/32"** Bottom **1"** Pitch of stays to ditto: Sides **9 1/2"** Back **9 1/2"**
If stays are fitted with nuts or riveted heads **Nuts** Working pressure by rules **203** Material of stays **Steel** Diameter at

test part **2 3/8"** Area supported by each stay **77 sq in** Working pressure by rules **214** End plates in steam space: Material **Steel** Thickness **1 1/4"**
of stays **20 x 1 1/4"** How are stays secured **Double nuts** Working pressure by rules **192** Material of stay **Steel** Diameter at smallest part **8 1/8"**

supported by each stay **375 sq in** Working pressure by rules **225** Material of Front plates at bottom **Steel** Thickness **1 1/32"** Material of
back plate **Steel** Thickness **1 5/16"** Greatest pitch of stays **12.5 x 9"** Working pressure of plate by rules **224** Diameter of tubes **3 1/4"**

of tubes **4 1/2"** Material of tube plate **Steel** Thickness: Front **1 1/32"** Back **2 5/32"** Mean pitch of stays **10 1/8"** Pitch across wide
spaces **14"** Working pressures by rules **194 lb** Girders to Chamber tops: Material **Steel** Depth and thickness of

at centre **8 1/2" x 1 3/4"** Length as per rule **31 1/16"** Distance apart **8"** Number and pitch of Stays in each **No, 7"**
Working pressure by rules **254 lb** Superheater or Steam chest: how connected to boiler **None** Can the superheater be shut off and the boiler worked

Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivet
Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness

flued with rings Distance between rings Working pressure by rules End plates: Thickness How stayed
Working pressure of end plates Area of safety valves to superheater Are they fitted with easing gear **Yes**

The foregoing is a correct description,

J. Cameron Manufacturer.

During progress of work in shops: **1917: Mar. 8-20, 23, Apr. 17, Jun. 4, 1918: Sep. 9, Oct. 3, 8, 17, 23, 31, Nov. 6, 21, 26, Dec. 5, 10, 19.** Is the approved plan of boiler forwarded herewith **Yes**
During erection on board vessel: **1919: Mar. 8-20, 23, Apr. 17, Jun. 4, 1918: Sep. 9, Oct. 3, 8, 17, 23, 31, Nov. 6, 21, 26, Dec. 5, 10, 19.** Total No. of visits **17.**

GENERAL REMARKS

(State quality of workmanship, opinions as to class, &c.)

These boilers have been built under special survey, the materials & workmanship of good quality. They are to be fitted on board on the ship Tyne.

Survey Fee **£ 10-13-8**
Travelling Expenses (if any) **£**

When applied for, **1 Mar 1919**
When received, **26 Mar 1919**

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

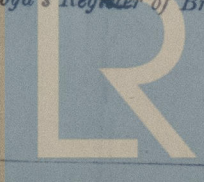
Committee's Minute

TUE. 20 MAY. 1919

Signed

See Report No 27446

Ed. 4-3-1919



Lloyd's Register
Foundation

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