

5b.

REPORT ON BOILERS.

No. 399 H.I.

Received at London Office **WED. MAY. 12 1920**

of writing Report 19 When handed in at Local Office 19 Port of **Glasgow**

No. in Survey held at **Dalmuir** Date, First Survey Last Survey 19

Book. on the **S.S. Setter** (Number of Visits) Gross Tons Net

Built at **Dalmuir** By whom built **Tom Beardmore & Co. Ltd (613)** When built **1920**

Made at **Dalmuir** By whom made **Tom Beardmore & Co. Ltd (613)** When made **1920**

Port belonging to

VERTICAL DONKEY BOILER No. **1** Description **"Klax Vertical"** Manufacturers of steel **Tom Beardmore & Co. Ltd.**

at **Dalmuir** By whom made **Tom Beardmore & Co. Ltd.** When made **1920** Where fixed in **stowhold** Working pressure **70**

by hydraulic pressure to **140** Date of test **13/2/20** No. of Certificate **13712** Fire grate area **23 1/2** Description of safety valves **1 pair spring**

of safety valves **2** Area of each **11-04** Pressure to which they are adjusted **75 lbs** If fitted with easing gear **yes** If steam from main boilers can

the donkey boiler **no** Dia. of donkey boiler **6-6"** Length **17-4"** Material of shell plates **Steel** Thickness **5/8"** Range of tensile

with **28 1/2 32** Descrip. of riveting long. seams **lap double** Dia. of rivet holes **19/16"** Whether punched or drilled **drilled** Pitch of rivets **2 3/8**

of plating **4 5/8** Per centage of strength of joint Rivets **65-2** Working pressure of shell by rules **133** Thickness of shell crown plates **5/8"**

of do. **3-3"** No. of Stays to do. **none** Dia. of stays **-** Diameter of furnace Top **3-3"** Bottom **6-6"** Length of furnace **2" 11"**

ness of furnace plates **5/8** Description of joint **weld** Working pressure of furnace by rules **195** Thickness of furnace crown

11/16 Radius of do. **36"** Stayed by **Drilled** Diameter of uptake **-** Thickness of uptake plates **-**

ness of tubes **Plates front 1 1/4" back 3/8"**

The foregoing is a correct description,
FOR WILLIAM BEARDMORE & CO., LIMITED
 Manufacturer.

W. Beardmore
 ENGINEERING MANAGER

During progress of work in shops - - }
 During erection on board vessel - - } **See accompanying Machinery Report.**
 Total No. of visits

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 special survey, the materials & workmanship are of good description, it has been fitted on board the above vessel,

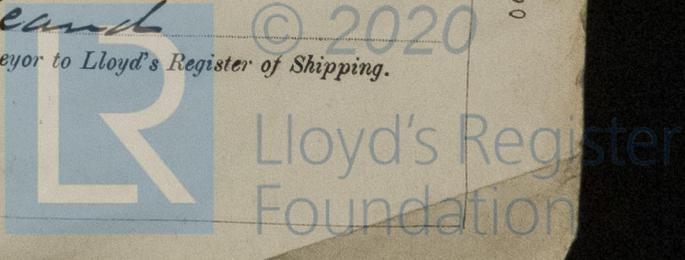
Survey Fee ... £ **Charge for machinery** When applied for, 19

Selling Expenses (if any) £ When received, 19

Committee's Minute **GLASGOW 11 MAY 1920**

See accompanying machinery report

A. McKeand
 Engineer Surveyor to Lloyd's Register of Shipping.



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13/5/20