

DONKEY BOILER— No. *600* Description *Cylindrical Mult. Single ended*
 Made at *Stockton* By whom made *Niley Bros* When made *1903* Where fixed *Main Deck*
 Working pressure *90 lb* tested by hydraulic pressure to *180 lb* No. of Certificate *3108* Fire grate area *26.4* Description of safety valves *Direct spring*
 No. of safety valves *2* Area of each *7.07* Pressure to which they are adjusted *90 lb* If fitted with easing gear *Yes* If steam from main boilers can enter the donkey boiler *Yes*
 Dia. of donkey boiler *10-3* Length *9-6* Material of shell plates *Steel* Thickness *19/32* Range of tensile strength *27/32* Descrip. of riveting long. seams *Hot riv lap* Dia. of rivet holes *15/16* Whether punched or drilled *Dr* Pitch of rivets *3/8*
 Lap of plating *6 1/2* Per centage of strength of joint *76.5* Thickness of shell *end* crown plates *13/16* Radius of do. *19x18* No. of Stays to do. *4*
 Rivets *76.5* Plates *75.8* Thickness of shell *end* crown plates *13/16* Radius of do. *19x18* No. of Stays to do. *4*
 Dia. of stays *2 3/8* Diameter of furnace Top *36* Bottom *8-2 1/2* Length of furnace *6-1 1/2* Thickness of furnace plates *9/16* Description of joint *Welded* Thickness of furnace crown plates *side 1/2* Stays by *1 3/8 & 1 5/8* Working pressure of shell by rules *93.2 lb*
 Working pressure of furnace by rules *96.5 lb* Diameter of uptake *3 1/4* Thickness of uptake plates *7 13/16* Thickness of water tubes *5/16*

SPARE GEAR. State the articles supplied:— *Propeller shaft + propeller, two top end + two bottom end bolts + nuts, two main bearing bolts, one set of coupling bolts, set of feed + bilge pump valves + a quantity of assorted bolts, nuts + iron.*

For BLAIR & CO., LIMITED
 The foregoing is a correct description,
Walter Porrie Secretary, Manufacturer of main engines & boilers.

Dates of Survey while building	During progress of work in shops - -	1903 Aug 24 Oct 2. 16. 21. 23. 28 Nov 11. 13. 14. 20. 24 Dec 1. 3. 4. 8. 10. 15. 16. 21. 24. 26. 30	
		During erection on board vessel - -	1904 Jan 6. 8. 12. 13. 15. 18. 20. 21. 25 - Sld - Feb 8. 24
		Total No. of visits	33

Is the approved plan of main boiler forwarded herewith *Yes*
 " " " donkey " " " *Yes*

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

The machinery of this vessel has been constructed under special survey. The materials and workmanship are good and efficient, and when tested under steam were found satisfactory and in our opinion now eligible for the notification **F.M.C. 2,04** in the Register Book.

It is submitted that this vessel is eligible for **THE RECORD** **F.M.C. 2,04**

W.S.
 8.3.04

Certificate (if required) to be sent to Dundee

The amount of Entry Fee..	£ 3 : 0	When applied for, 7.3.1904	<i>Geo. A. Milner & Co. Williamson</i> Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.
Special	£ 35 : 19		
Donkey Boiler Fee	£ :	When received, 9/3/04	
Travelling Expenses (if any)	£ :		

Committee's Minute **FRI. 11 MAR 1904**
 Assigned *+ class 2,04*

