

14051 95

DONKEY BOILER— Description *Vertical with cross tubes*
Made at *Paisley* By whom made *Bow, McLachlan & Co* When made *1895* Where fixed *Stokehold*
Working pressure *170 lbs* tested by hydraulic pressure to *340 lbs* No. of Certificate *3756* Fire grate area *22.3* Description of safety valves *d. spring*
No. of safety valves *2* Area of each *3.14* Pressure to which they are adjusted *170 lbs* If fitted with easing gear *yes* If steam from main boilers can enter the donkey boiler *no* Diameter of donkey boiler *6'-3"* Length *11'-6"* Material of shell plates *steel* Thickness *1/16*
Description of riveting long seams *lap quad. riv.* Diameter of rivet holes *5/16* Whether punched or drilled *drilled* Pitch of rivets *4 1/2"*
Lap of plating *7"* Per centage of strength of joint Rivets *77* Thickness of shell crown plates *1/2* Radius of do. *6'-0"* No. of Stays to do. *2 rods 3 curved stays*
Dia. of stays *2 1/4"* Diameter of furnace Top *4'-4"* Bottom *5'-4"* Length of furnace *5'-0"* Thickness of furnace plates *5/8* Description of joint *weld* Thickness of furnace crown plates *5/8* Stayed by *as above* Working pressure of shell by rules *170 lbs*
Working pressure of furnace by rules *170 lbs* Diameter of uptake *22"* Thickness of uptake plates *1/16 iron* Thickness of water tubes *3/8 iron*

SPARE GEAR. State the articles supplied:— *Connecting rod and coupling bolts—*
Paddle wheel driving arm, two floats complete with brackets
Feed and bilge pump valves etc—

THE FAIRFIELD SHIPBUILDING AND ENGINEERING CO., LIMITED
The foregoing is a correct description,
McLachlan Manufacturer.
SECRETARY.

General Remarks (State quality of workmanship, opinions as to class, &c.) *These engines and boilers have been built under Special Survey and are of good workmanship and material— they have been well fitted on board the vessel and on completion tried under steam with satisfactory results— The vessel is fitted with closed stokeholds, air being supplied by the engines working above.*

The machinery is now in our opinion in a good working order and eligible to be noted in the Society's Register: L.M.C. 10.95. & F.D.

Forging report } Appended—
Boiler prints }

It is submitted that this vessel is eligible for THE RECORD. L.M.C. 10.95 & F.D.

Pms.
2.11.95

Certificate (if required) to be sent to *Glasgow*

The amount of Entry Fee..	£ 3 : "	When applied for,
Special	£ 48 : 14	30/10/95.
Donkey Boiler Fee	£ :	When received,
Travelling Expenses (if any) £	:	5.11.1895.

John Sanderford James Morrison
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute *TUES. 5 NOV 1895*
Assigned *+ L.M.C. 10.95*