

1009796

Auxiliary
DONKEY BOILER

Description Round Multitubular

Made at Glasgow by whom made Fairfield S & Co. Limited when made 1890 where fixed Liskehall

Working pressure 160 lbs tested by hydraulic pressure to 320 lbs. of Certificate 2790 fire grate area 41.55 ft. description

valves Direct Spring No. of safety valves Two area of each 4.91 if fitted with casing gear Yes if steam from main boiler

enter the donkey boiler Yes diameter of donkey boiler 12 ft length 9 ft description of riveting double butt

Thickness of shell plates 1 1/2" diameter of rivet holes 1 1/8" whether punched or drilled Drilled pitch of rivets 8" 4" 2" lap of plating

percentage of strength of joint 87/70 thickness of end plates 1 1/16" stayed by Bar stays 2 7/8" dia 15" x 1 1/2"

Diameter of furnace 3' 11" bottom length of furnace 6' 1 1/2" thickness of plates 1 9/32" description of joint Corrugated

Thickness of furnace crown plates 9/16" stayed by Screw stays 1 3/8" dia 7 3/4" x 7 3/4" working pressure of shell by rules 160

Working pressure of furnace by rules 170 lbs diameter of uptake thickness of plates thickness of water tubes

SPARE GEAR. State the articles supplied: Propeller Shaft, Boss, & one blade, Piston, Set connect rod brass top & bottom also bolts, 2 main bearing bolts, 8 c bolts, main bearing bush, Air pump rod, buckets & valves set of Lead pump, valves, Slide valve & spindles, 1 Quadrant Block for link motion, and

The foregoing is a correct description, Considerable quantity of other

THE FAIRFIELD SHIPBUILDING AND ENGINEERING CO., LIMITED Manufacturer.

R. Bamwell General Remarks (State quality of workmanship, opinions as to class, &c. These Engines & Boilers

MANAGING DIRECTOR.

of good workmanship and materials and are in good order and safe working condition and in my opinion to be noted in the Register Book

M.C. 8790

The Electric Lighting of this vessel has been fitted by Messrs Siemens on the single wire principle and with Patent distribution boxes having ten or twelve lamps only per with each, there are practically no joints in the wire and insulating material appears to be of good description and the main leads are encased in iron tubing. There are two Dynamos each worked by Compound Engine 9" x 15" x 9" throats each equal to about 1750 Watts working about 200 revolutions, and one small Dynamo (with Engine) to about 400 Watts at 250 revolutions.

It is submitted that this vessel is eligible to have + L.M.C. 8-90 recorded.

M.A. + 9.90

The amount of Entry Fee ... £ 3 : - : - received by me, Special ... £ 41 : 2 : - Donkey Boiler Fee ... £ : : : - Certificate (if required) ... £ : : : - 29/8/1890 To be sent as per margin. (Travelling Expenses, if any, £)

James Morrison Engineer Surveyor to Lloyd's Register of British & Foreign Shipping Clyde District

TUES 2 SEPT 1890

Committee's Minute

+ L.M.C. 8790

Lloyd's Register Foundation