

12603 gls

DONKEY BOILER— Description *Flat sided Multitubular*
 Made at *Glasgow* By whom made *A. & J. Inglis* When made *'93* Where fixed *deck house*
 Working pressure *90 lbs* tested by hydraulic pressure to *180 lbs* No. of Certificate *3467* Fire grate area *20"* Description of safety valves *2. Spring*
 No. of safety valves *2*. Area of each *4"* Pressure to which they are adjusted *90 lbs* If fitted with easing gear *Yes* If steam from main boilers can enter the donkey boiler *No* Diameter of donkey boiler *4'-0" to 6'-6"* Material of shell plates *Steel* Thickness *1/16 & 1/2"*
 Description of riveting long. seams *trip riv lap* Diameter of rivet holes *7/8"* Whether punched or drilled *drill*. Pitch of rivets *4"*
 Lap of plating *7"* Per centage of strength of joint *82.2* Thickness of shell plates *1/16"* Radius of do. — No. of Stays to do. —
 Dia. of stays. *2"* Diameter of furnace Top *30"* Bottom — Length of furnace *4'-2 1/2"* Thickness of furnace plates *1/2"* Description of joint *butt* Thickness of furnace plates *1/2"* Stayed by *1 1/2" stays 8" pitch* Working pressure of shell by rules *102 lbs*
 Working pressure of furnace by rules *133 lbs* - Diameter of uptake *2 1/4"* Thickness of uptake plates *5/8" best* Thickness of water tubes *1/16"*

SPARE GEAR. State the articles supplied:—

The foregoing is a correct description,
 Manufacturer.

General Remarks (State quality of workmanship, opinions as to class, &c. *When this vessel was in*
Groan Dry Dock all the sea connections were examined & found
in order. Propeller shaft drawn & found in good condition.
All parts of engines have been opened
up and the following examined: cylinders, pistons
slide valves and spindles. Crank thrust & tunnel
shafting, Air feed, bilge, circulating and donkey-
pumps and connections. Thrust block rebuilt
shafting lined up. -
Main boilers and mountings including
safety valves examined and put in good
order.
A new donkey boiler of the dimensions given
above has been fitted in place of old one now
taken out. This boiler has been built under
special survey.
The safety valves of main and donkey boilers
have been adjusted under steam to working
pressures. -
This vessel's machinery is now in
my opinion in a good and efficient working
order and eligible to the notation of:
T. L. M. & C. 11. 93 - in the Society's Registered Book. -

Certificate (if required) to be sent to

The amount of Entry Fee, £ : : When applied for,
 Special £ 5 : : 4/12/93
 Donkey Boiler Fee £ 2 : 2 : 4/12/93
 Travelling Expenses (if any) £ : : When received,
 25/12/93

Committee's Minute

TUES. 12 DEC 1893

Assigned

+ L M & C 11, 93

John Sanderson
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Glasgow.