

DONKEY BOILER—

Description *Cylindrical, horizontal, multitubular with 2 furnaces. Steel & iron.*
 Made at *Flensburg* by whom made *Flensburger Schiffbau Ges.* when made *1888* where fixed *in stockhold.*
 Working pressure *165 lbs.* tested by hydraulic pressure to *330 lbs.* No. of Certificate *Oct. 15. 88* fire grate area *18 sq. ft.* description of safety valves *Spring* No. of safety valves *2* area of each *1 1/4 sq. in.* if fitted with easing gear *yes* if steam from main boilers can enter the donkey boiler *yes* diameter of donkey boiler *9.0 1/2 in.* length *6.10 3/4 in.* description of riveting *dbl butt strap treble riveted*
 Thickness of shell plates *1 15/16 in.* diameter of rivet holes *1 in.* whether punched or drilled *drilled* pitch of rivets *4 5/8 in.* lap of plating *7 1/2 in.*
 per centage of strength of joint *79%* thickness of crown plates *1 1/8 in.* stayed by *gunstays 3 in. thread with double nuts, 1 1/4 in. pitch steam*
 Length of furnace, top *4.4 1/2 in.* bottom *6.1 in.* diam. length of furnace *31 in.* thickness of plates *5/8 in.* description of joint *welded*
 Thickness of furnace crown plates *9/16 in.* stayed by *screen stays 1 1/2 in. thread, 7 3/4 in. pitch* working pressure of shell by rules *176 lbs.*
 Working pressure of furnace by rules *161 lbs.* diameter of uptake *—* thickness of plates *1/8 in.* thickness of water tubes *2 3/4 in.*

SPARE GEAR. State the articles supplied:— *1 propeller, 1/3 crank shaft, 1 propeller shaft, 1 air & circulating pump rod, 1 valve spindle to fit all valves, 1 pair brasses conn. rod top & bottom end, 1 set valves for air, circulatory, feed, budge & donkey pumps, 1 set springs for safety and escape valves, 1 set piston bolts for each piston, 2 bolts for main bearings, conn. rod top & bottom end each, 1 set coupling bolts, 40 Boiler tubes, 10 in. for donkey boiler, 20 landman tubes & 200 screw glands, 1 set fire bars for each boiler, bolts and nuts assorted, bar and plate iron of various sizes and many more minor parts of Engines.*

The foregoing is a correct description,

Flensburger Schiffbau-Gesellschaft. Manufacturer.

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

of the Engines and Boilers of this vessel are of first class quality, construction and outfit ample and substantial. I attended a very day's trial trip when the Engines went at 64 Revolutions per minute and indicated abt. 1550 HP, the vacuum standing at 27 in. and the Boilers producing ample steam. The Donkey Boiler arranged in manner that it can be used in connection with the Main Boilers at sea.

I beg to recommend that this vessel be classed in the Register Book and that *LMC* be entered.

It is submitted that this vessel is eligible to have + LMC 11.88 recorded

Md

26.11.88

The amount of Entry Fee .. £ 3: 0: 0 received by me,)

Special ..

Donkey Boiler Fee ..

Certificate (if required) ..

To be sent as per margin.

(Travelling Expenses, if any, £ 9.10.0)

Committee's Minute

TUES 4 DEC 1888

+ LMC 11/88

M. B. B. B.
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.



Lloyd's Register
 Foundation