

7793.gls.

DONKEY BOILER— Description *Round Horizontal*
 Made at *Dumbarton* by whom made *Senny & Co* when made *1886* where fixed *On Main Deck*
 Working pressure *160 lbs* tested by hydraulic pressure to *320* No. of Certificate *1629* fire grate area *16.5* description of safety valves *Direct Spring* No. of safety valves *One* area of each *5.8* if fitted with easing gear *yes* if steam from main boilers can enter the donkey boiler *No* diameter of donkey boiler *8 ft* length *8' 3 1/2"* description of riveting *Double riveted double straps*
 Thickness of shell plates *1 1/16"* diameter of rivet holes *1 1/8"* whether punched or drilled *Drilled* pitch of rivets *4 1/2"* lap of plating *12 1/2" x 1/16"*
 per centage of strength of joint *42* thickness of ~~excess~~ plates *1 5/16"* stayed by *2 1/2" dia. stays (solid bars) 14" x 14" pitch*
 Diameter of furnace, top *3' 3"* bottom *—* length of furnace *6 ft* thickness of plates *9/16"* description of joint *Corrugated*
 Thickness of furnace ~~cross~~ plates *9/16"* stayed by *1 3/16" + 1 3/8" stays 4 1/4" x 4 1/4" pitch* working pressure of shell by rules *14 1/2 lbs*
 Working pressure of furnace by rules *14 1/2 lbs* diameter of uptake *—* thickness of ~~plate~~ tubes *1 3/16" + 1 1/16"* thickness of water tubes *—*

SPARE GEAR. State the articles supplied:— *1 1/2* length Crank Shaft, *1* Propeller shaft with brass lining Key & nuts complete, *2* Propeller blades & *6* studs & nuts, *2* main bearing bolts, *2* tops & *2* bottom end connecting rod bolts, *1* pair Crank brasses lined with patent metal, *1* double valve spindle for each engine with connecting piece with nuts cottars &c, *2* Eccentric traps bolts & *2* pins, *1* Air pump rod complete with bucket & Guards Piston The foregoing is a correct description, packing rings for *7* & *2* No. 3 Cyls and a considerable quantity of other gear, *40* file & plan tubes, *5* stay tubes, assortment of bolts & studs, *Senny & Co* - Manufacturer. Springs, and valves for all the pumps

General Remarks (State quality of workmanship, opinions as to class, &c. *These Engines & Boilers are of good materials & workmanship and are now in good order and safe working condition & eligible in my opinion to be noted in the Register Book*
 Lloyd's M.C. 2/87

The amount of Entry Fee .. £ *2* : - : - received by me,
 Special £ *33* : *14* : -
 Donkey Boiler Fee £ - : - : -
 Certificate (if required) .. £ - : - : - *26/6/1886*
 To be sent as per margin.
 (Travelling Expenses, if any, £ - *8/-*)

Submitted this to the Register & eligible to have L.M.C. 2-87 J.P. 5-2-87
James Morrison
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.
 Clyde District

Committee's Minute **FRIDAY 4 FEB 1887**
L.M.C.

