

DONKEY BOILER— Description *one Round Vertical three Cross Tubes*
 Made at *Aberdeen* by whom made *Hall Russell & Co* when made *1884* where fixed *Stoke hold*
 Working pressure *70 lbs* tested by hydraulic pressure to *140 lbs* No. of Certificate *321* fire grate area *13 feet* description of safety
 valves *Direct Spring Load* No. of safety valves *one* area of each *8.3* if fitted with easing gear *yes* if steam from main boilers can
 enter the donkey boiler *no* diameter of donkey boiler *5.0* length *12.6* description of riveting *Lap double riveted*
 Thickness of shell plates *1/2* diameter of rivet holes *3/4* whether punched or drilled *Punch* pitch of rivets *2 3/8* lap of plating *3 1/2*
 per centage of strength of joint *71 & 74%* thickness of crown plates *7/16* stayed by *5 flat stays 2 1/4 x 3/4* riveted to top & sides
 Diameter of furnace, top *3.8* bottom *4.4* length of furnace *6.0* thickness of plates *1/2* description of joint *Lap S.R.*
 Thickness of furnace crown plates *1/2* stayed by *Dished* working pressure of shell by rules *91 lbs*
 Working pressure of furnace by rules *77 lbs* diameter of uptake *13* thickness of plates *1/2* thickness of water tubes *5/16*

SPARE GEAR. State the articles supplied:— *Two Top and Bottom end Connecting Rod bolts*
Two main bearing bolts. lot of bolts assorted. one set each valves
and seats for feed and bilge pumps 1/2 set piston springs one
propeller set bottom end connecting rod brasses lot of iron assort &c
 The foregoing is a correct description,
Hall Russell & Co Manufacturers.

General Remarks (State quality of workmanship, opinions as to class, &c. *The machinery of this vessel*
has been built under special survey and in accordance with
plans of boilers submitted for the Committee's approval dated 10/2/83
The material & workmanship are of the best description.
Both engines, and Boilers have been tested under steam
and the safety valves set to 100 lbs per square inch working pressure
and in my opinion all are in good, and safe working order and
eligible to be entered into the Register Book with the distinctive
mark. L.M.C 9.84.

It is submitted that this vessel is
eligible to have the registration
from 6.9.84 recorded
W.P.
29/9/84

The amount of Entry Fee, £ 2 : 0 : 0 received by me,
 Special .. £ 22 : 10 : 0
 Donkey Boiler Fee .. £ : :
 Certificate (if required) .. £ : : 23/9/1884
 (To be sent as per margin.)
 (Travelling Expenses, if any, £ 5-9-6)

Committee's Minute FRIDAY 3 OCT 1884
 L.M.C.

John Sturrock
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.
 Sunderland District

