

3.3. "Rio Branco":
Greenock Report No. 9614

Steel DONKEY BOILER.

Ship's Name or Yard No. 197 Messrs Russell & Co.
Description Vertical, Cetus patent,
Made by Riley Bros. at Stockton
When made 2.10.88. Where fixed on deck working
Pressure 75 lb. Tested by hydraulic pressure to 150 lb.
No. of Certificate 1661 Fire grate area 7.2 square feet Description of safety
Valves Direct spring No. of safety valves one area of each 7.0.
Fitted with easing gear yes If steam from main boilers can enter the donkey
Boiler no dia. of donkey boiler 4.0 Length 8.6
Description of rivetting single lap Thickness of shell plates $\frac{3}{8}$ "
Dia. of rivet holes $\frac{13}{16}$ Whether punched or drilled punched Pitch of rivets 2"
Gap of Plating $2\frac{3}{8}$ per centage of strength of joint 49
Thickness of crown plates $\frac{3}{8}$ " stayed by Hemispherical
Dia. of furnace, top 3.5 centre 1.9 bottom 3.5 $\frac{1}{4}$ length of furnace 4.2
Thickness of plates $\frac{3}{8}$ " description of joint single lap
Thickness of furnaces crown plates $\frac{3}{8}$ " stayed by 2 uptakes &
water tubes working pressure of shell by rules 16 lb. Working
pressure of furnace by rules 106 lb. dia. of uptake 9" Thickness of plates
 $\frac{3}{8}$ " thickness of water tubes $\frac{3}{8}$ "

Lloyd's Register
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