

20653 Iron

Port Cardiff March 29/3/78 1878

887 tons

Tails of Main Boilers of the Steam Ship "Junis"

Diameter 10' 6" Length 9' 9"

Thickness of shell plates 7/8"

Description of riveting of longitudinal joints Lap tube chain of circumferential joints Single, double at ends

Number of rivets ditto 3 1/4 + 2" ditto 2 1/4"

Diameter of rivets ditto 1" ditto 1"

Thickness of plating ditto 6 1/2" ditto 3" + 5"

Number of manholes in circular shell 11" x 15"

How compensated for Ring 4" + 1/2"

Number of furnaces in boiler Two

Diameter of furnaces 3 ft Length of furnaces 6' 9"

Thickness of furnace plates 1/2"

Description of joint of furnaces lap

Whether strengthened with rings No Greatest length between rings

Thickness of combustion chamber plating 1/2"

Diameter of screw stays to ditto 1 3/8" pitch of stays 9" + 9 1/2"

End plates, thickness 11/16"

Diameter of longitudinal stays to end plates 1 1/8" sq pitch of ditto 15 3/4" + 15 3/4"

How stays are secured as per sketch

Diameter of tubes 3 1/2" pitch of tubes 4 3/4" + 4 3/4"

Thickness of tube plates 3/4"

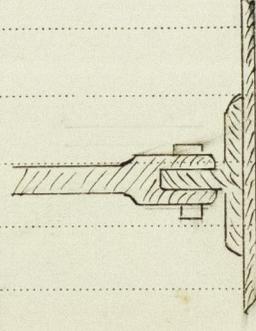
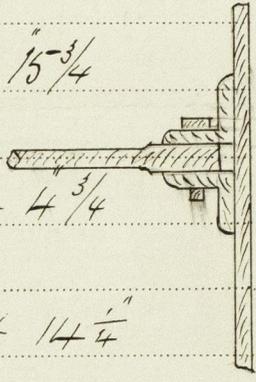
Stayed by Tubes pitch of stays 14 1/4" + 14 1/4"

Description of steam receiver Vertical

Diameter of ditto 4 feet length of ditto 4 feet

Thickness of plating of ditto 1/2" ends 1/2"

Stays, how stayed By 4 Stays secured as per sketch



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20653 2/10/19



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