

21405 Tm

Port

Cardiff 1878
258 tons

Details of Main Boilers of the Steam Ship

Llandoff

Diameter

15.3 high x 10.5 1/2

Length

9.9 1/2

Thickness of shell plates

9/16

Description of riveting of longitudinal joints

single

of circumferential joints

Pitch of rivets

ditto

2"

ditto

Diameter of rivets

ditto

3/4"

ditto

Lap of plating

ditto

2 3/4"

ditto

Size of manholes in circular shell

18 x 14"

How compensated for

Ring 2 1/2 x 7/16"

Number of furnaces in boiler

3

Diameter of furnaces

2.9 wide

Length of furnaces

6.6

Thickness of furnace plates

1/2"

Description of joint of furnaces

lap

Whether strengthened with rings

none

Greatest length between rings

Thickness of combustion chamber plating

1/2"

Diameter of screw stays to ditto

1 1/4"

pitch of stays

10 x 11

End plates, thickness

11/16"

Diameter of longitudinal stays to end plates

2"

pitch of ditto

2 x 1.7 1/2"

How stays are secured

Nuts inside and out

Diameter of tubes

3 1/4"

pitch of tubes

4 1/8"

Thickness of tube plates

11/16"

Stayed by

Stay tubes

pitch of stays

12 1/4 x 18 1/4"

Description of steam receiver

None

Diameter of ditto

length of ditto

Thickness of plating of ditto

ends

Ends, how stayed

Flat sides of Boiler stayed by
2" dia stay, pitch 2 x 1.7 1/2" secured by nuts inside and
out

Chambers & Co.

Engineer Surveyor to Lloyd's Register of Shipping.