

23883 *Re. 16/6/77*  
184

Port *Bristol*

Details of Main Boilers of the Steam Ship *"Harne"* 168 tons

Diameter *11 ft* Length *10 ft*

Thickness of shell plates *9/16"*

Description of riveting of longitudinal joints *double* of circumferential joints *single*

Pitch of rivets ditto *2 5/8"* ditto *2 1/4"*

Diameter of rivets ditto *7/8"* ditto *7/8"*

Lap of plating ditto *4 3/4"* ditto *2 3/4"*

Size of manholes in circular shell *13" + 15" inside vertical dome*

How compensated for *A flat ring 3" + 1/2"*

Number of furnaces in boiler *Two*

Diameter of furnaces *3' 3"* Length of furnaces *7' 3"*

Thickness of furnace plates *1/2"*

Description of joint of furnaces *laps*

Whether strengthened with rings *no* Greatest length between rings

Thickness of combustion chamber plating *1/2"*

Diameter of screw stays to ditto *1 1/4"* pitch of stays *8"*

End plates, thickness *9/16"*

Diameter of longitudinal stays to end plates *2"* pitch of ditto *13" + 12"*

How stays are secured *nub + washers inside + out*

Diameter of tubes *3 1/2"* pitch of tubes *14 3/4"*

Thickness of tube plates *9/16"*

Stayed by *Stay tubes* pitch of stays *14 1/4" + 9 1/2"*

Description of steam receiver *Vertical dome*

Diameter of ditto *4 ft* length of ditto *4 ft*

Thickness of plating of ditto *7/16"* ends *7/16"*

Ends, how stayed *4 gusset and 6 vertical stays*