

Port *Goole*, February 6th 1877

Details of Main Boilers of the Steam Ship *Marianne Briggs* 396 tons

meter *12* \perp *3*" Length *10* \perp *3*" *Rec 8/3/77*

Thickness of shell plates *55/64*"
Manner of riveting of longitudinal joints *Double butt straps* of circumferential joints *Lap joint single rivet*

Number of rivets ditto *3 1/4*" ditto *3*"

Diameter of rivets ditto *1*" ditto *1*"

Lap of plating ditto ditto *3*"

Size of manholes in circular shell *Steam chest 12*" \times *16 1/2*"

How compensated for *by ring 4*" \times *1/2*"

Number of furnaces in boiler *3*

Diameter of furnaces *3*" Length of furnaces *4* \perp *6*"

Thickness of furnace plates *3/16*" top *1/2*" bottom

Description of joint of furnaces *Rivettted*

Whether strengthened with rings *No* Greatest length between rings _____

Thickness of combustion chamber plating *1/2*"

Diameter of screw stays to ditto *1 1/8*" pitch of stays *9*" \times *9 1/2*"

End plates, thickness *1/2*"

Diameter of longitudinal stays to end plates *1 5/8* square pitch of ditto *14*" \times *10*"

How stays are secured *By Angle iron 3*" \times *3*" \times *3/4*"

Diameter of tubes *3 1/4*" pitch of tubes *4 3/4*" \times *4 3/4*"

Thickness of tube plates *3/4*"

Stayed by *Screwed tubes* pitch of stays *14 1/4*" \times *14 1/4*"

Description of steam receiver *Vertical chest*

Diameter of ditto *4*" length of ditto *5* \perp *8*"

Thickness of plating of ditto *3/16*" ends *1/2*"

Ends, how stayed *By four solid stays 2*" dia, and by two gusset stays.

Report of ...

