

Port *Goole, February 6<sup>th</sup>* 1877Details of Main Boilers of the Steam Ship *"Marianne Briggs"* 396 tons

Diameter 12' 3" Length 10' 3" *Rev 8/3/77*  
 Thickness of shell plates  $55/64$ "  
 Method of riveting of longitudinal joints *Double butt straps* of circumferential joints *Lap joint single rivet*  
 Number of rivets ditto  $3/4$ " ditto 3"  
 Diameter of rivets ditto 1" ditto 1"  
 Lap of plating ditto 3"  
 Size of manholes in circular shell *Steam chest 12" x 16 1/2"*  
 How compensated for *by ring 4" x 1/2"*  
 Number of furnaces in boiler 3  
 Diameter of furnaces 3' Length of furnaces 7' 6"  
 Thickness of furnace plates  $7/16$ " 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" x 9 1/2"  
 End plates, thickness  $1/2$ "  
 Diameter of longitudinal stays to end plates  $1 5/8$  square pitch of ditto 14" x 10"  
 How stays are secured *By Angle iron 3" x 3" x 3/4"*  
 Diameter of tubes  $3 3/4$ " pitch of tubes  $4 3/4$ " x  $4 3/4$ "  
 Thickness of tube plates  $3/4$ "  
 Stayed by *Screwed tubes* pitch of stays  $14 1/4$ " x  $14 1/4$ "  
 Description of steam receiver *Vertical chest*  
 Diameter of ditto 4' length of ditto 5' 8"  
 Thickness of plating of ditto  $7/16$ " ends  $1/2$ "  
 Ends, how stayed *By four solid stays 2" dia, and by two gusset stays.*