

17334

Iron
Dec 20/11/16
1876Port Hamburg
"Capella"

Details of Main Boilers of the Steam Ship 699 tons

Diameter 11'-4" inch

Length 9'-3" inch

Thickness of shell plates $\frac{13}{16}$ "

Description of riveting of longitudinal joints

of circumferential joints

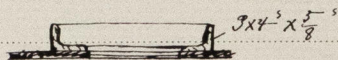
Pitch of rivets $2\frac{3}{4}$ ' ditto $2\frac{3}{4}$ ' x $2\frac{1}{4}$ 'ditto $2\frac{3}{4}$ ' x $2\frac{1}{4}$ 'Diameter of rivets $\frac{15}{16}$ " dittoditto $\frac{15}{16}$ "

Lap of plating 5' ditto

ditto 5'

Size of manholes in circular shell 15' x 12'

How compensated for



Number of furnaces in boiler two

Diameter of furnaces 36" ext

Length of furnaces 6'-6" ext

Thickness of furnace plates $\frac{1}{2}$ " top; $\frac{7}{16}$ " bottomDescription of joint of furnaces single riveted $\frac{3}{4}$ " rivets x $2\frac{1}{4}$ " pitch, 3" lap

Whether strengthened with rings no

Greatest length between rings

Thickness of combustion chamber plating $\frac{1}{2}$ "Diameter of screw stays to ditto $1\frac{1}{4}$ "pitch of stays $6\frac{1}{2}$ " x $6\frac{1}{2}$ "End plates, thickness $\frac{3}{4}$ ", joints same as shell

Diameter of longitudinal stays to end plates 2' dia

pitch of ditto 15" x 14"

How stays are secured to double angle irons $3\frac{1}{2}$ " x $3\frac{1}{2}$ " x $\frac{1}{2}$ " by 4, 1" rivetsDiameter of tubes $3\frac{1}{4}$ " ext pitch of tubes $4\frac{1}{2}$ " x $4\frac{1}{2}$ "Thickness of tube plates $\frac{3}{4}$ "

Stayed by stay tubes

pitch of stays $13\frac{1}{2}$ " x $13\frac{1}{2}$ "

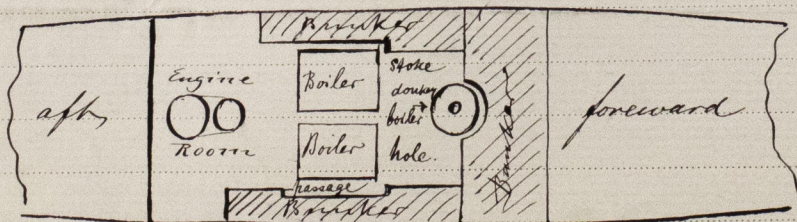
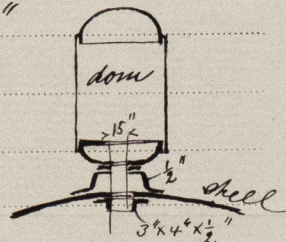
Description of steam receiver dome

Diameter of ditto 3'-3"

length of ditto 4'-6"

Thickness of plating of ditto $\frac{3}{8}$ "ends $\frac{7}{16}$ "

Ends, how stayed, no stays, spherical shaped



Arrangement of Boilers

© 2019
 Lloyd's Register
 Foundation
 Engineer Surveyor to Lloyd's Register of Shipping.