

# Steam Ship "Naples."

Diameter of Boilers = 11' 6",

Thickness of shell plates =  $\frac{7}{8}$  inch, = 5450.

Description of riveting. Horizontal seams Treble. Circumferential seams Double.

Pitch of rivets " "  $4\frac{1}{2}$  ins.

Size of rivets 1 5/8 inch in both seams,

Number of Furnaces in each Boiler = 4.

Diameter of Furnaces 3' 1 1/2"

Length of Furnaces 6' 1". Bars 4' 0"

Thickness of Furnace plates = 1/2 inch,

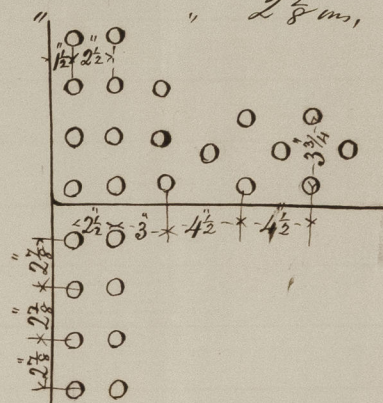
Whether strengthened with rings - no rings,

In what way flat surfaces are stayed, screwed stays & square ones,

Size of screwed stays 1 1/2 dia. over the thread. Square stays 2" square linked to angle bars,

Pitch of do "  $8\frac{1}{2} \times 7\frac{1}{2}$  = 3015 lbs. Pitch of do  $18 \times 10\frac{1}{2}$  = 3307 lbs,

Thickness of plates in back uptakes = 1/2 inch. End plates 3/4 inch,



$$\text{Shell seams} = \frac{51520 \times 1\frac{3}{4} \times 75}{136\frac{1}{4} \times 6.5} = 76 \text{ lbs per sq inch working pressure,}$$

$$\text{Plates between screwed stays} = \frac{100 \times 8^2}{8\frac{1}{2} \times 7\frac{1}{2}} = 100 \text{ lbs, " "}$$

$$\text{Furnaces} = \frac{89600 \times \frac{7}{8}}{6\frac{1}{2} \times 3\frac{7}{8}} = 98 \text{ lbs, " "}$$

Water Ballast Pumps Cyl: 10" x 9" stroke,

Pump 5" x 9" double acting,

This pump draws from Tanks. Bilges or Condenser,

William Allison,

Engineer, Surveyor,

June 4<sup>th</sup> / 75.

Lloyd's Register Foundation