

I Lains 514, 515 & 516

9 Clarks 554, 555, 556.

Rivets 83.58 Plate 950

$$\frac{260 \times 83.5 \times 1.375}{186} = 160 \text{ lbs for shell}$$

150 rivets to 185

$$\frac{185 \times 172}{18.25^2} = 160 \text{ lbs for flat plates in steam space}$$

$$135 \times 9.5^2$$

$$\frac{135 \times 9.5^2}{8.6875^2} = 161 \text{ lbs}$$

for flat plates in @ @

$$135 \times 9^2$$

$$\frac{135 \times 9^2}{8.25^2}$$

3 1/8" rivets to 2 29/32

$$6.639 \times 9000$$

$$\frac{6.639 \times 9000}{18 \times 19.375} = 171 \text{ lbs}$$

3" rivets to 2 25/32 = 6.075

$$6.075 \times 9000$$

$$\frac{6.075 \times 9000}{18 \times 18.25} = 166 \text{ lbs for stays in steam space}$$

$$1 1/2 = 1.767 \times 6000$$

$$\frac{1.767 \times 6000}{8.25 \times 8.25} = 156 \text{ lbs}$$

$$\frac{1.767 \times 6000}{8.25 \times 8} = 160 \text{ lbs}$$

$$1 5/8 = 2.073 \times 7500$$

$$\frac{2.073 \times 7500}{8.25 \times 8.6875} = 217 \text{ lbs water space}$$

$$8.25 \times 8.6875$$

stays off iron

$$1 1/2 = 767 \times 8000 = 197 \text{ lbs if stays are of steel}$$

$$9900 \times 9.125^2 \times 1.5$$

$$(33.81 - 8.25) \times 8.6875 \times 33.8125 = 164 \text{ lbs for middle of steel}$$

$$1160 \times (8.5 - 2) = 163 \text{ lbs for furnaces}$$

$$\frac{4676}{15.2}$$

$$\frac{7 \frac{3}{4}}{15.2}$$

Lloyd's Register  
Foundation

