

SCALE $\frac{1}{2}$ " = ONE FOOT

In way of Bridge

8/20

$$+ \frac{2}{20} \text{ für } \frac{1}{2} L = \frac{13}{20}$$

$$\frac{\text{Length of Erections}}{\text{Vessel}} = \frac{138.52}{303.27} \times \frac{1}{8} = \frac{1}{17.52}$$

$$\frac{26490.63}{17.52} = 1512.02 + 26490.63 = 28002.65$$

Erection above bridge to be included in annual.

Equipment 10
 28293.15

Equipment

2 Power Anchors (Stockless)-----	42½	Cwts
1 "-----	36¼	"
1 Stream " Ex Stock-----	10¾	"
1 Hedge "-----	5½	"
240 Fathoms of Stud Chain Cable 1¼" Dia		
75 " Stream "-----	12½	or 4½ Steel Wire
100 " 12 Hemp tawline or 4 Steel wire		
90 " 4" Harp (2 off)		
90 " 6" " (2 off)		

Increased $\frac{1}{20}$ in way of 26 feet hatchway.

Bulk Angle Frames without Reverse Frames $9 \cdot 3\frac{1}{2} \cdot \frac{11}{20}$ for $\frac{3}{5} L$ to $\frac{10}{20}$ at ends
 Spaced 24" apart. Alternate frames Upper to Bridge Deck $4 \cdot 3 \cdot \frac{1}{20}$
 Tank Frames $3\frac{1}{2} \cdot 3\frac{1}{2} \cdot \frac{1}{20}$ for $\frac{3}{5} L$ to $\frac{1}{20}$ at ends, double forward of $\frac{3}{5} L$ to Collision Bulk
 Frames in Peaks $5\frac{1}{2} \cdot 3\frac{1}{2} \cdot \frac{1}{20}$ Angs. with $4 \cdot 3\frac{1}{2} \cdot \frac{1}{20}$ Reverse bars.
 All Reverse bars to Upper Deck aloft After Peak Bulk. Alternate Reverse bars
 to Side Deck in Fore Peak. Double within Tank Sides in Eng & Boiler Space
 Stern frame $10 \cdot 6 \cdot 10 \cdot 2\frac{3}{4}$ at 16^d Stem $10 \cdot 2\frac{3}{4}$ to $9 \cdot 2\frac{3}{4}$ at 16^d
 Rudder Head 8 Dia. Keel as per Rule Pirkles 4 Dig. $\frac{11}{2} \cdot 3 \cdot \frac{11}{20}$ B Angs, knec'd to
 Bulkheads $\frac{1}{2}$ to $6\frac{1}{2}$. Vertical & Horizontal Stiffs $\frac{11}{2} \cdot 3 \cdot \frac{11}{20}$ B Angs, knec'd to
 Tank Top & Ships Side 4'0" apart.
 All Keelson & Stringer Angles (except in Tank) above $\frac{7}{20}$, reduced $\frac{1}{20}$ for $\frac{1}{5} L$ at ends.

Girders extended forward & Additional Interols as per Sec 24, Para 2.

Arrangement of Bottom under Boilers

Margin Plate $1\frac{1}{2}$ "
in Boiler Space

Note: Additions in lieu of Keel Doubling 24" x $\frac{12}{20}$

Centre Girder increased	$\frac{3}{20}$	for $\frac{1}{2}$ L
Flat Keel	$\frac{3}{20}$	" "
Strake Strake	$\frac{1}{20}$	" "

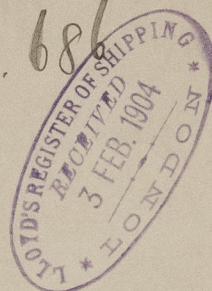
W GRAY & Co LIMITED
IRON & STEEL
BUILDERS
WEST HARTLEPOOL
15/1/04

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C. 7.
18.1.54

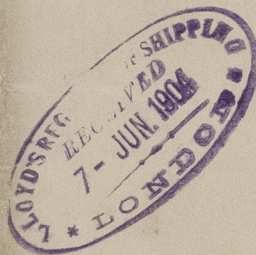
Midship section
Wray book.

no. 686



Uppland "

Uppl Report no. 12370



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