

MIDSHIP SECTION.

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

7.7.10
22.8.10
In way of Bridge
63
Quadruple Overlaps

Feasth Sides = .40
Boop = .36
Butts double Overlaps

Buttwarks .25 increased at ends of Bridge.

Shystraks 46" x 84" for 2 R. to 44" at ends. Doubled full width for 20'0" each end of Bridge

60
Triple Overlaps

60
Triple Overlaps

46" x 66" for 2 R. to 44" at ends.

Stringer 52" x 54"
Butts Double Overlaps
Steel Deck = .40
Butts Double Overlaps
3" x 3" x 40

Beams under 48"0
Poop Bridge Yell Beams as per Profile
Deck Plating doubled at corners of Hatchways & large Deck Openings.
Increased 10" in way of Deck Openings.

6" x 3" x 40 Built Angle
5" x 5" x 64 outside of Bridge. 6" x 6" x 42 at ends of Bridge.
3" x 3" x 46 in way of Bridge. 3" x 3" x 42 in way of Poop Yell.
Steel Deck 38" under Bridge & 36" under Poop Yell.
4" x 4" x 46 in Wells for 2 R. to 36" at ends.
Butts Double Overlaps for 2 R. Single at ends.
4 rivets in 7 Beams.

Stringer 56" x 60" for 2 R. to 34" x 42 at ends.
56" x 46 under Bridge. 70" at Bridge ends.
Butts Quadruple Overlaps for 2 R. Clear of Bridge
Triple in way of Bridge & at ends of Ship.
2 frame spaces apart & reeled.

Upper Deck Beams.

Beams under P.B. Yell. 8" x 3" x 56 Built Angles. Runs 36" x 26"
7" x 3" x 42
Two Beams outside Bridge 9" x 3" x 50 36" x 26" 52"
8" x 3" x 50
Beams in Plats. 6" x 3" x 40 21" x 42
Hatch ends Beams as per Profile.

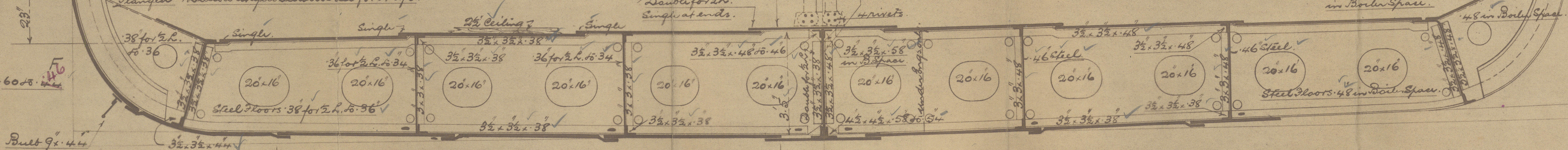
SHELL RIVETING.

	Butt Riveting	Edge Riveting
Struts	1" x 1" x 1"	1" x 1" x 1"
A	46" 1" x 1" x 1"	1" x 1" x 1"
B	71" 1" x 1" x 1"	1" x 1" x 1"
C	" " " " " "	" " " " " "
D	" " " " " "	" " " " " "
E	70" " " " " " "	" " " " " "
F	" " " " " "	" " " " " "
G	" " " " " "	" " " " " "
H	" " " " " "	" " " " " "
I	71" " " " " " "	" " " " " "
K	46" " " " " " "	" " " " " "
L	" " " " " "	" " " " " "
M	82" " " " " " "	" " " " " "

K & L Struts 1" rivets Quad Overlaps for 2 R. outside of Bridge. Triple at ends.
K & L 1" 6 Beams at ends of Bridge.

Side Stringer plates = 42"
Single angle = 65" x 35" x 48"
Shell Lugs = 35" x 35" x 42"
Frame = 45" x 35" x 42"

Quadruple Plates 25" x 25" x 38 on every 2nd frame
Double connections to Tank Truss
Margin Plate 35" x 44" to 29" x 44" at aft end.
Butts Triple riveted overlaps for 2 R. Double at ends.
3 angled Double angles outside all fore & aft.



Dimensions	Builders	Lloyds
Length between Decks	365.0	365.0 28.42
Breadth Extreme	50.9	50.54 3.5
Depth Moulded	28.42	28.37 24.112 d
Transverse St	78.91	78.91
Longitudinal St	28802.15	
2 1/2 in way of Long Bridge	10.31	Class 100 Q.1. Lloyds.
1/2 in way of Upper Deck	12.86	

365.0 x 78.91 28802.15
27.25 x 7.5 x 75 153.28 Poop Deck
106.25 x 7.0 x 557.81 Bridge
36.0 x 1 x 159.00 Yell
7.5 x 1 x 5 46.25 Hangers
Equip. Wt = 29868.49
964.17

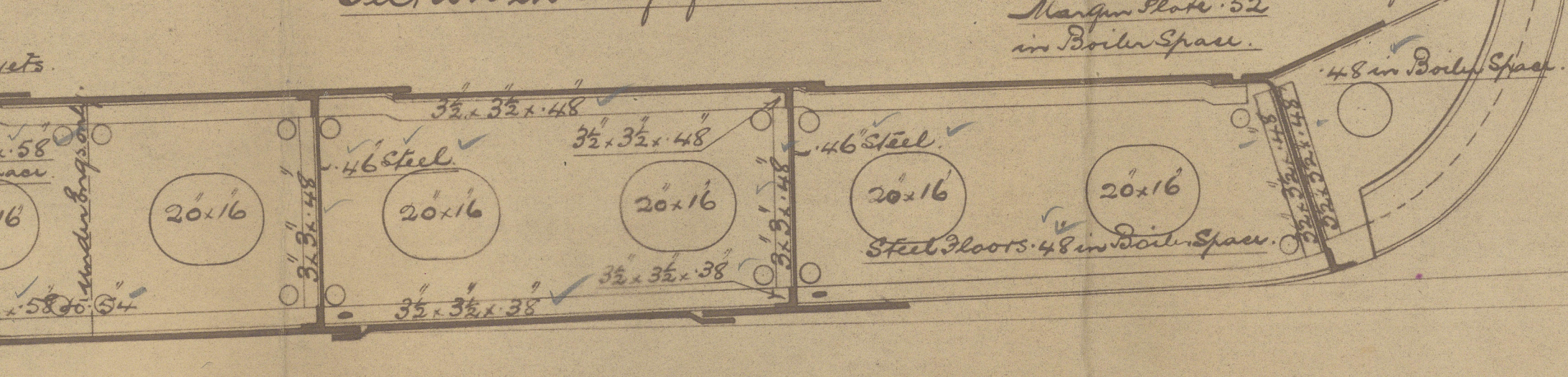
2 Bower Anchors (Stockless) 56 1/2 cwt.
1 Stream (8 1/2 Stk) 47 1/2
1 Ridge 15
270 Tons of Stud Chain Cable 2 1/2 dia.
90 " Stream 1 3/8 or 1 1/2 Steel Wire
120 " Hemp Towing 13 1/2 or 4 1/2
90 " Swags 7 (2 off)
90 " "

Butt Angle frames without Runner Bars 12" x 3 1/2" x 62 Spaced 25" apart.
in Peaks 7" x 3 1/2" x 42 24
Alternate frames upper to Bridge Decks 4" x 3" x 34 Angles
B Head Frames 5" x 5" x 48 Single B Head Deck Bars 3 1/2" x 3 1/2" x 34 Single and as per Profile
Tank Frames 3 1/2" x 3 1/2" x 38 Double forward of 3/5 L to Collision B Head from Margin to Margin
Double Runner Bars in Engine Space from Middle Run to Under next outside of Engine Seating
on floors under Boiler Decks
4" B. Heads 3 1/2" x 30 Stiffeners 10 1/2" x 3 1/2" x 56 Built Ang (Midship 3 1/2" x 30) 30 apart & as per Profile
Stem 10 x 2 1/2" x 9 1/2" at Head. Rudder Post 9 1/2" x 7 Propeller Post 10 x 7 Triple riveted below Boss.
Sole Piece = 9 1/2" x 8 1/2" Area of Rudder = 134 1/2 sq ft. Or of Gravity 3.23 Spud under 10 knots.
Rudder Head 9" dia. Steel as per Rule. Pintles = 4 1/2" dia. A x D = 434" x 4"

Frame rivets to Shell and Flat of Bottom forward of 3/5 L. 52 dia apart.
Two frames & plating from Margin to upper Deck not more than 7 dia apart.
Two plates & cross in plating in way of after Deck Tank not more than 5 dia apart.

Tank Top = 54 Steel in Boiler Space
" = 46 " Engine
" = 38 " Holes for 2 R. to 34 at ends.
Butts double riveted overlaps for 2 R. Single at ends.

Section in way of Drailers.



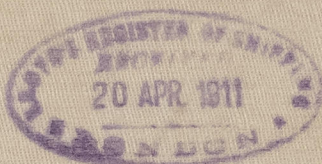
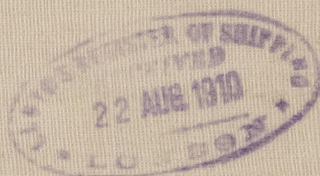
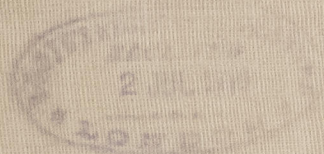
785.

W. GRAY & Co. LIMITED
WEST HARTLEPOOL
28/6/10

785.
Lloyd's Register
Foundation

W. Gray & Co. Ltd.
S.S. 785.

Midship Section.
S.S. "HANS B." ^{"Agios Georgios"}
Ex
Hpl Rpt No 141040



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