

PRELIMINARY MIDSHIP SECTION

20.2.19
23.5.19
In way of Bridge.
72 74
Quadruple Overlaps

72 74
Quadruple Overlaps

72
Tiebe Overlaps

72
Tiebe Overlaps

Forecastle Sides = 1/2
Pops = 1/2
Butts Double Riveted Overlaps

SECTION THRU AA

Bulwarks = 1/2 Steel increased at ends of Bridge

Sheerstrake = 1/2 in way of Bridge
5 1/2 in way of 27 spacing
1 1/2 in way of 27 spacing
Double full width at ends of Bridge (See Profile)

(48 Rule)
58 in way of Bridge to 1/2 Length
1 1/2 in way of 27 spacing
88 in way of 27 spacing

74 1/2 in way of 36 spacing
66 1/2 in way of 27 spacing

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66 1/2 in way of 27 spacing

Bridge Stringer = 5/8 x 5/8
Butts Tiebe riveted overlaps
5/8 x 5/8 in way of Bridge
5/8 x 5/8 in way of Bridge

Bridge Deck = 1/2 Steel
Butts Tiebe riveted overlaps
Increased 1/2 in way of openings

Steel Deck Rules as per Profile
7/8 in way of Bridge
7/8 in way of Bridge

Pop Bridge = 1/2 Beams as per Profile

6 x 6 in way of Bridge
See Profile for position

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See Profile for position

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See Profile for position

57.0 width of Bridge Deck

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Dimensions	Builders	Roys
Length between Rops	433.0	433.0
Breadth outside	57.0	57.0
Depth of Keel	32.15	32.85
Transverse 1/2	89.85	89.85
Longitudinal 1/2	388.96.37	388.96.37
1/2 in way of Long Bridge	10.56	10.56
Upper 1/2	13.18	13.18

433.0 x 89.85	388.96.37
89.25 x 8.16 x 75	546.20
168.0 x 10.28	1028.16
105.75 x 6.34	634.95
24.0 x 7.0 x 5	64.00
69.5 x 2.43	243.25
45.5 x 1.89	189.25
Equipment 1/2	415.92.20

2 Bower anchors (500 lbs)	7/8 each
1 Stream (200 lbs)	62
1 Hedge	20 1/2
300 fathoms of Steel Chain Cable	2 1/2
120 Stream	1 1/2 or 5 steel wire
130 Ropes	15 or 52
100 Wires	8 (2 off)
100 Wires	8 (2 off)

Built Angle Frames without Reverse Bars	1/2 x 3/4 x 1/2 spaced 36 apart	1/2 x 3/4 x 1/2 spaced 36 apart
Brackets	8 x 8 x 1/2 Bull angles at 27 in way of 36 spacing	8 x 8 x 1/2 Bull angles at 27 in way of 36 spacing
Keel	8 x 8 x 1/2 Bull angles at 27 in way of 36 spacing	8 x 8 x 1/2 Bull angles at 27 in way of 36 spacing
Double Keel Bars in Engine Space	from 63 line to 12 beyond Center most outside of Engine Scating	from 63 line to 12 beyond Center most outside of Engine Scating

Blow 10% x 2 1/2 x 2 1/2 at Head	Rudder Post = 7 x 8 1/2	Propeller Post = 10 x 8 1/2
Pole Piece = 10 x 10	Rudder Head = 10 x 10	Propeller Head = 10 x 10

Frame rivets also shell & star of Bottom forward of 1/2 L	5/8 dia apart
Two frames & Plating in way of 36 spacing (7 rivets)	5/8
Frames, Floors & Cross Plating in way of after Peak	5/8
Beams & Deck Plating in way of 36 spacing	5/8
New frames & Tank Top	5/8

STRAKE	WIDTH	BUTT RIVETING	EDGE RIVETING
A	48	1/2 in way of Bridge	1/2 in way of Bridge
B	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
C	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
D	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
E	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
F	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
G	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
H	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
I	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
J	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
K	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
L	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
M	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
N	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge
P	74 1/2	1/2 in way of Bridge	1/2 in way of Bridge

SECTION IN WAY OF BOILERS

Margin Plate = 5/8 in Boiler Space

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Margin Plate = 5/8 in Boiler Space

Margin Plate = 5/8 in Boiler Space

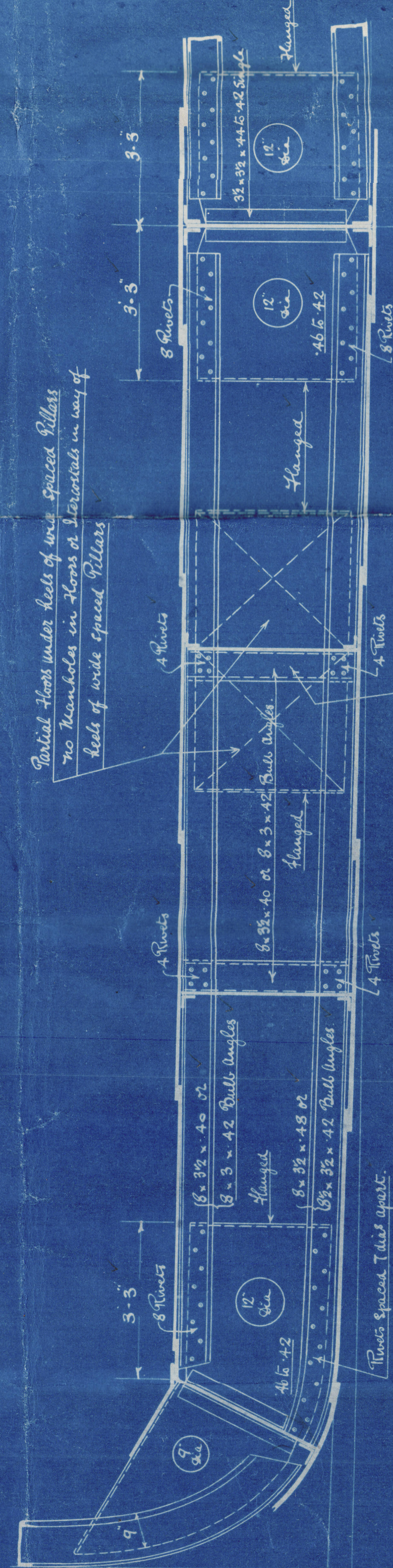
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Margin Plate = 5/8 in Boiler Space

Margin Plate = 5/8 in Boiler Space



SECTION IN WAY OF INTERMEDIATE FRAMES



(17)
Messrs Wm Gray & Co
S.P. Nos 919-920
Preliminary Midship Section

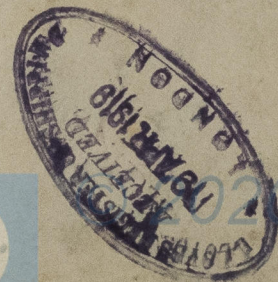
No 919
Wp & Hed Cpt 16019

"
City of Evansville"
Hpl. 16033.
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No 920

s/s "City of Singapore". Hpl. Rpt. 16062



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Lloyd's Register
Foundation