

BRIDGE DE PLATING .40 FOR $\frac{1}{2}$ L TO .34 AT FORE END
INCREASED .04 ABREAST OPENINGS = $.36 + .04 = .40$
BRIDGE DE PLATING .37 ABREAST OPENINGS AT 30" SPACING.
BUTTS DOUBLE RIVETED OVERLAPS FOR $\frac{1}{2}$ L TO SINGLE AT ENDS.

DIMENSIONS	OWNERS
LENGTH BETWEEN PERPS	393 - 0
BREADTH EXTREME	52 - 2 1/2
DEPTH MOULDED	30 - 8
FIRST LONGITUDINAL N°	12049 - 38
SECOND " "	32485 - 38
6" IN WAY OF UPPER DECK	12 - 8 1/2
6" " " BRIDGE DECK	10 - 16

393 x 82.66	32485.38
37.75 x 8 x .75	226.50
310.25 x 8 x .75	1861.50
70.50 x 8 x .50	282.0
15.0 x 8 x .50	60.0
EQUIPMENT NO	34915.38

ERECTIONS 88.55%

LLOYDS

$L \times D = 393.00 \times 30.66$ $12049.38 = 12' \text{ LONG} \times N'$
 $L \times (B+D) = 393.00 \times (52.00 + 30.66)$ $32485.38 = 280' \text{ " " "}$
 $\frac{D}{B} = \frac{30.66}{52.00}$ $\frac{12}{280} = \text{IN WAY OF UPPER DE}$
 $\frac{D}{B} = \frac{30.66}{52.00}$ $\frac{10}{16} = \text{ " " " BRIDGE DE}$
 DEPTH MOULDED TO UPPER DE $\frac{30.66}{16} = D$
 $30.8 - 10.0 = 20.8 - 3.6 \pm \text{TANK} = 17.2$ $17.12 = d$

CLASS LLOYDS 100 A.I.

2 BOWER ANCHORS (STOCKLESS)	63 3/4 CENTS EACH.
1 " " "	54 2 " "
1 STREAM " (EX STOCK)	17 2 " "
270 FATHOMS OF 5/16 D CHAIN CABLE	24 1/6 " "
90 " " STREAM CABLE	4 3/4 STEEL WIRE
120 " " STEEL WIRE TOWLINE	5 " "
90 " " HANGERS	2 3/4 STEEL WIRE (2 OFF)
90 " " WARPS.	2 1/2 " " (2 OFF)

OWNERS INCREASED SCANTLINGS			
POSITION	LONGOS THICKNESS	OWNERS INCREASE	THICKNESS
FLOODES UNDER BOILERS	45% 49	10	59
INTER ² TOP ANG	45% 49	"	59
TANK TOP	52% 56	"	66
TANK FRAMES	" 42	"	52
TANK REY FRS	" 60	"	70
INTER ² TOP ANG	" 52	"	62
INTER ² BOTTOMING	" 42	"	52
INTER ² VERT LUGS	" 47	"	57

SHELL RIVETING.					
STRAKE	WIDTH	BUTT RIVETING.		EDGE RIVETING.	
		AMIDSHIPS	ENDS	AMIDSHIPS	ENDS
A	4 9	(QUADRUPLE	3/4 TREBLE	1 - 6	7/8 - 5 1/2
B	7 0 1/2	7/8 TREBLE	3/4 TREBLE	7/8 - 5 1/2	3/4 - 4 1/2
C	"	"	WHERE	"	WHERE
D	"	"	50	"	50
E	"	"	AND	"	AND
F	"	"	UNDER	"	UNDER
G	7 0 1/2	"	"	"	"
H	"	"	"	"	"
I	"	"	"	"	"
J	6 5 1/4	7/8 (QUADRUPLE	IN WAY	"	7/8 (QUADRUPLE
K	"	"	OF BRIDGE	"	"
L	4 4 1/2	7/8 TREBLE	"	"	"
M	5 4 1/2	"	"	"	"
N	"	"	"	"	"

K STRAKE 1 RIVETS QUADRUPLE OVERLAPS FOR $\frac{1}{2}$ LENGTH.
TO TREBLE AT ENDS.
L STRAKE 7/8 RIVETS QUADRUPLE OVERLAPS FOR $\frac{1}{2}$ LENGTH.
TO TREBLE AT ENDS.
K & L STRAKES 1 RIVETS 6 LAPS FOR $\frac{1}{2}$ LENGTH OUTSIDE
OF BRIDGE.
BOTTOM EDGE OF K STRAKE 7/8 RIVETS 5/4 LAP.

		SECOND D ^W BEAMS		42" S.B.	
	BEAMS & HATCH END BEAMS.	102" x 32" x 48 B.A.	"	KNEES 32" x 40"	AT 36" SPACING.
	HALF BEAMS	82" x 32" x 48 B.A.	"	252"	"
	BEAMS & HATCH END BEAMS.	76" x 32" x 53 B.A.	"	282"	" 30"
N 65	HALF BEAMS	8" x 32" x 41 B.A.	"	24"	"
	BEAMS & HATCH END BEAMS.	96" x 32" x 48 B.A.	"	282"	" 27"
	HALF BEAMS	72" x 32" x 50 B.A.	"	242"	"
N 65	BEAMS IN WAY OF DEEPTANK	11" x 32" x 48 B.A.	"	33"	" 36"

NOTE:- RIVETS IN MARGIN CONNECTIONS & GUSSETS
INCREASED AT PANTING FRAMES AS PER RULES

39.5 36.95
GUSSETS 26x36x.435 AT .32x.32 x 4 FOR = OF 1/2" ON EVERY FRAME. 41.55 .45 55.
MARGIN PLATE 33x147.25 .58 IN 8.5 TO 28" x 14 AT APT END 41.55 .45 55.
(AT 26 SPACING) .52 26 (54 SPACING)
BUTTS: TABLE KINETIC OVERLAPS ALL FORCE X APT.
SINGLE LUGS 32.55 x 42 OUTSIDE ALL FORCE X APT.
7- 7/8 KINETIC THRU GUSSET EACH WAY AT 36" SPACING.
6- 7/8 KINETIC THRU GUSSET EACH WAY AT 30 & 27 SPACING.

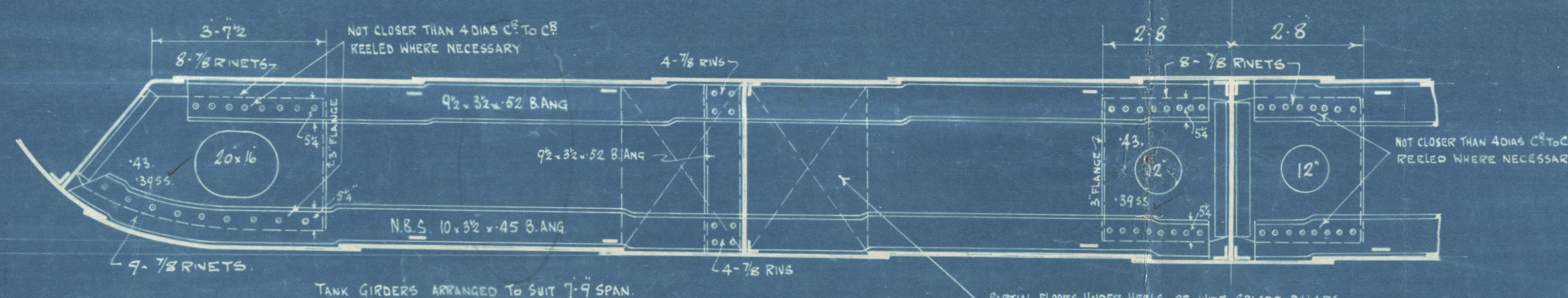
ROUTING UNDER WHEELS OF PILLARS
TO BE COMPLETED WITH PLAN
OF SILL & LUGS ATTACHED

RIVETING

FORWARD OF THE IN THE BOTTOM ARE TO BE SPACED THROUGH FRAMES & PLATING IN WAY OF	$\frac{3}{8}$ " " " 5/8" DIAS APART 3" SPACING 30" 27" "DEEP TANK 36" SPACING FORE & AFT PEAK TANKS. FLOORS & CROSS PLATING IN WAY OF PEAK TANK	}
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SECTION IN WAY OF BOILERS.

NOTE:- S.S. DENOTES SPECIAL STEEL
N.B.S. DENOTES NEW BRITISH STANDARD SECTION



SECTION IN WAY OF BRACKET FLOORS

W. GRAY & CO. LIMITED
12/10/25.
J.S. J.S.
WEST HARTLEPOOL.

Midship Section

CITY OF BATH

Mess^{rs}. W. Gray & Co

No 948.

Midship Section

Approved 15.10.25

WEST HARTLEPOOL

Rpt 16 4 11.

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