

MIDSHIP SECTION NOS 221.

LLOYDS 100 A.1 SINGLE Dⁿ TYPE.

LENGTH B.P. 331'-0"

BREADTH EXT. 47'-9"

DEPTH MLD. 24'-6 1/2"

SCALE 1/2" = 1 FOOT.

	BRIDGE	POOP	PELLE
STRINGER PLATE	48" x .52	32" x .32	32" x .32
ANGLE	45" x 45" x .54	35" x 35" x .30	35" x 35" x .30
DECK PLATING	.32	.26	5" x 3" R.P.

BRIDGE SHEER STRAKE .62
POOP .36
PELLE .38

BRIDGE SHEER STRAKE BUTTS
QUADRUPLE RIVETED.

SHEER STRAKE 45" x .88" TO 42" AT ENDS
.56" IN WAY OF BRIDGE.

BUTTS OVERLAPPED AND QUINUPLE
RIVETED FROM WITHIN ENDS OF BRIDGE
TO 1/2 LENGTH & TO TREBLE AT ENDS
BUTTS, TREBLE IN WAY OF BRIDGE.

1" RIVETS IN QUINUPLE BUTTS (2 STRAPS)

NOTE: QUINUPLE RIVETED BUTTS ARE

IN LIEU OF DOUBLE STRAPS

DOUBLING 20'-0" LONG AT ENDS OF BRIDGE

J. (INSIDE) .66" TO .42"

.56" IN WAY OF BRIDGE

INCREASED .04" IN LIEU OF STRINGERS
BETWEEN PEAK BULKHEADS = 70" TO 42"
.58" IN WAY OF BRIDGE.

BUTTS OVERLAPPED & QUADRUPLE RIV.

FROM WITHIN ENDS OF BRIDGE TO

1/2 L. & TREBLE AT ENDS.

H. (OUTSIDE) .56" TO .42"

INCREASED .04" IN LIEU

OF STRINGERS = .60" TO .42"

G. (INSIDE) .56" TO .42"

INCREASED .04" IN LIEU

OF STRINGERS = .60" TO .42"

F. (OUTSIDE) .58" TO .42"

O.T. KNEES .36" TO .34" AT ENDS

.46" IN BOILER SPACE

PLATES ON TOP EDGE

14 RIVETS IN O.T.K. TO FRAME.

E. (INSIDE & OUTSIDE)

.58" TO .44"

BRIDGE Dⁿ KNEES 18" x .44" IRON.
POOP .15" x .40" STEEL
PELLE .23" x .50"

INTERMEDIATE FRAMES IN BRIDGE

35" x 35" x .40" ANGLE.

1/2 PLATING .40" TO .30" AT ENDS. .30" UNDER BRIDGE.

STRINGER ANGLE 45" x 45" x .64

35" x 35" x .42" TO .46" IN WAY OF FRECTIONS.

STRINGER PL. 5/16" x .60" TO 3/16" x .46" UNDER ROSE.

UNDER 46" x 0"

KNEES 25" x .55" IRON.

36" x 36" x .60"

10-7/8" RIVETS IN FRAME

11-7/8" x .60" BEAM.

NUMERALS	
BREADTH MLD.	47.41
DEPTH MLD.	24.54
TRANSVERSE NUMBER	71.95
LENGTH	330.66
LONGITUDINAL NUMBER	23790
DEPTH TO LENGTH FOR WALLS	13.47
FOR BRIDGE	10.48
d = 21.35	

ITEM 95-25, STERN FR. (95-6 1/2 R.P.) (95-6 1/2 R.P.)

MARGIN PLATE 31" x .42" RULE.

.52 IN B.S.

GUSSET ANGLES 35" x 35" x .44" EVERY 3RD FRAME.

SINGLE ANGLE 6" x 6" x .40" CONN. O.T.K. TO MARGIN.

FROM COLLISION BULKHEAD TO AFT. END OF F. ROOM.

12-7/8" RIVETS IN EACH PLATE.

SINGLE ANGLE 35" x 35" x .36" AFT. OF AFT. END OF F.

7-7/8" RIVETS IN EACH PLATE, REDUCED AT

AFT. END AS PER RULE.

SINGLE ANGLE 35" x 35" x .36" (46" IN B.S.) CONN. FLOOR

ENDS TO MARGIN. 7-7/8" RIVETS IN MARGIN PLATE.

7-7/8" RIVETS IN FLOOR PLATE. RIVETS REDUCED AT AFT. END AS PER RULE.

SINGLE. SINGLE. SINGLE.

FLOORS .36" TO .34" x .46" B.S.

FLOORS .46" B.S.

35" x 35" x .36" x .46" B.S.

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35" x 35" x .36" x .46" B.S.

BRIDGE DECK BEAMS 7 1/2" x 3" x .42" B.A. 1 ROW OF PILLARS.

POOP DECK BEAMS 5 1/2" x 3" x .40" B.A. 1 ROW OF PILLARS.

PELLE 8 1/2" x 3" x .48" B.A. ON ALTERNATE FRAMES.

WITH 35" x 35" x .34" M.T.G. BAR. 2 ROWS OF PILLARS.

6" CRIP.

3" WOOD COVER

HATCH SIDE COAMING .36"

END .36"

5 1/2" x 3" x .40" B.A. DOUBLE IN LIEU OF KNEES.

HATCHWAY 18" x 0" WIDE.

8 1/2" x 35" x .50" RULB ANGLE AT 24" HATCH

9 1/2" x 35" x .52" x .26"

TRIPPING LUGS ON ALTERNATE POS

BEAMS 8 1/2" x 35" x .50" B.A. OUTSIDE OF BRIDGE

OR 8 1/2" x 35" x .60"

1/2 BEAMS 8 1/2" x 35" x .44" B.A.

THROUGH BEAMS IN WAY OF BRIDGE 8 1/2" x 35" x .44" B.A.

6 1/2" x 35" x .50" B.A. OR 6 1/2" x 35" x .40" B.A.

HATCH END BEAMS 12 1/2" x 4 1/2" x .60" WITH 4 1/2" x .60"

REVERSE BAR FROM COAMING TO SHIP'S SIDE. 24" HATCH

H.B. BEAMS 12 1/2" x 4 1/2" x .70" WITH 4 1/2" x .70"

REVERSE BAR FROM COAMING TO SHIP'S SIDE. 26" HATCH.

SEE SKETCH.

FRAMES 9 1/2" x 35" x .56" SPACED 24" APART.

(RULE - 95-35-54 - 245")

FRAMES IN PEAKS 65" x 35" x .40" BULB ANGLES 24" APART.

EQUIPMENT

L. (B + D) 23790

SECTIONS 798

HOUSES 256

EQUIPMENT NUMBER 24844

2 BOWER ANCHORS STOCKLESS 45 cwt

1 ANCHOR 38 "

1 STREAM EX. STOCK 12 "

1 KEAGE 5 1/2 "

270 FTMS. 1 1/2" STD CHAIN CABLE.

90 " 1 1/2" CHAIN OR 4" WIRE

100 " TOWLINE 12" (OR 4" WIRE)

2 @ 90 FTMS. 7 HAWERS.

2 @ 6" WARPS.

TANK TOP .40" TO .36"

.44" ENGINE SP.

.52" BOILER

TANK TOP CENTRE 39" x .44"

10" x .36" .52" IN BOILER SPACE.

CENTRE STRAKE AT AFT. END.

75" x .40" TO .34"

TANK SCANTLINGS INCREASED IN B.S. AS PER RULE.

CEILING FITTED OVER TANK TOP & BILGES

DOUBLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

SINGLE.

TIE BARS

35" x 35" x .40"

25" PILLARS REELER TO

TAKE SHIFTING BOARDS.

48" AT 36" HATCH

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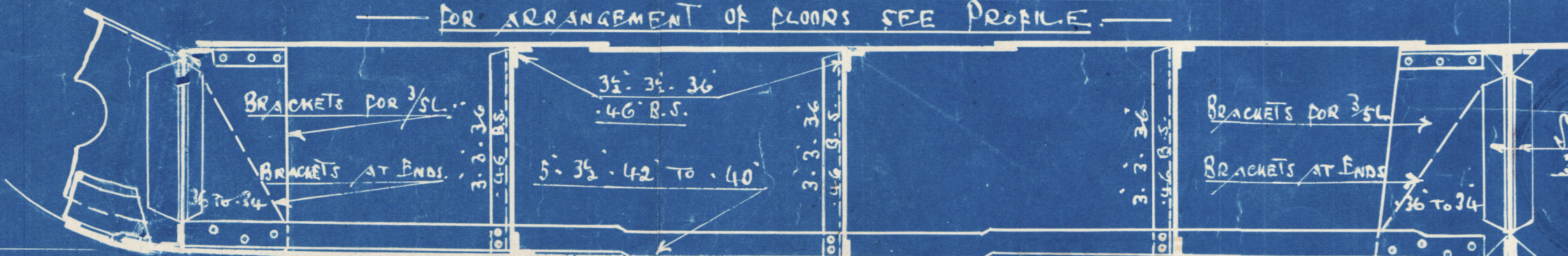
48" AT 36" HATCH

48" AT 36" HATCH

48" AT 36" HATCH

SECTION SHOWING INTERMEDIATE BRACKET FLOOR.

FOR ARRANGEMENT OF FLOORS SEE PROFILE.



NO REDUCTION ON SHELL BOTTOM WHERE OPEN CONSTRUCTION.

761596
Jan 28th 1944

R

Reynolds Regis
Foundation

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D70

Midship Section

(as built)

(ex S/S. ^{"Ardur"}
Kelso moor)

J. Blument & Co.

N^o. 221

Sld Rpt No 25993



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Lloyd's Register
Foundation

006067-006079-0034