

S.S. "FAWKNER PARK" (HULL 16)

MIDSHIP SECTION.

SCALE 1/2" = 1 FOOT

CLASS - LLOYDS 100 A.I.

DIMENSIONS - 310'-0" LENGTH B.P. x 46'-4" BREADTH MLD. x 25'-2" FLAT SHEER TO UPPER DECK, 34'-2" FLAT SHEER TO BRIDGE DECK.
24'-6" NORMAL SHEER TO UPPER DECK, 33'-6" NORMAL SHEER TO BRIDGE DECK.

LLOYDS NUMERALS (TO NORMAL SHEER).

1 st LONGITUDINAL N ^o L x D = 310'-0" x 24.5 = 7,595	
2 nd LONGITUDINAL N ^o L x (B+D) = 310 x (46.33 + 24.5) = 21,957.3	
3/4 TO UPPER DECK = 310 ÷ 24.5 = 12.65	
3/4 TO BRIDGE DECK = 310 ÷ 33.5 = 9.25	
d = 24.50 - 3.08 = 21.42	
PERCENTAGE OF ERECTIONS = 43.	

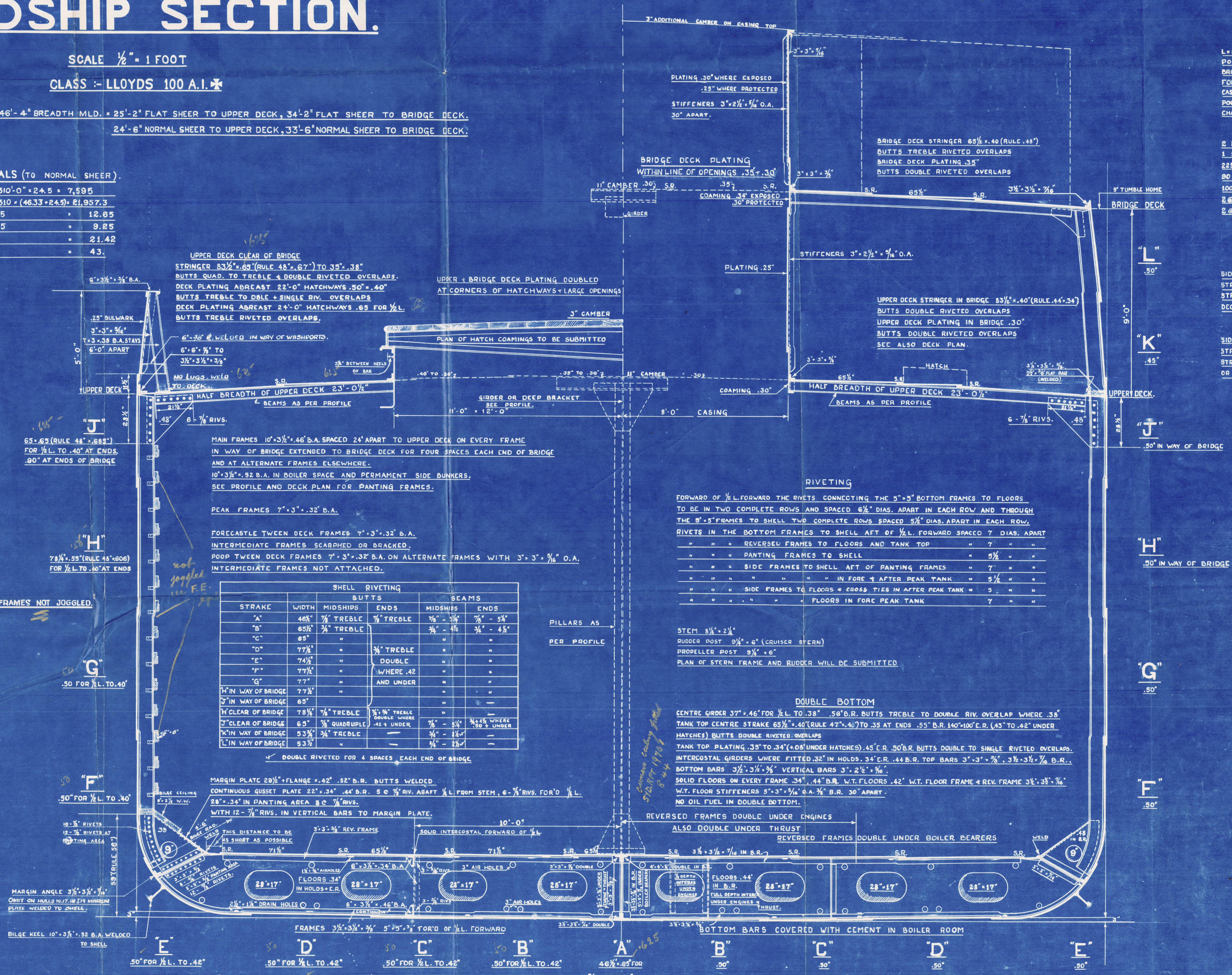
THICKNESS OF PLATE SUPPLIED FOR HULL NOS 14-17

PLATE THICKNESS SUPPLIED FOR HULL NOS 14-15	FOR HULL NOS 16-17
.25	1/4"
.30	5/16"
.32	3/8"
.34	7/16"
.35	1/2"
.38	5/8"
.40	3/4"
.42	7/8"
.44	1"
.45	1 1/8"
.46	1 1/4"
.48	1 1/2"
.50	1 3/4"
.52	1 7/8"
.55	2"
.56	2 1/8"
.59	2 1/4"
.60	2 1/2"
.60	2 3/4"

SHAPES SUPPLIED FOR HULL NOS 14-17

SHAPES SUPPLIED FOR HULL NOS 14-15	SUPPLIED FOR HULL NOS 16-17
6" x 3 1/2" x 3/4" B.A.	6" x 3 1/2" x 3/4" B.A.
6" x 3 1/2" x 1/2" B.A.	6" x 3 1/2" x 1/2" B.A.
7" x 3" x 3/4" B.A.	7" x 3" x 3/4" B.A.
7" x 3" x 1/2" B.A.	7" x 3" x 1/2" B.A.
7" x 3" x 1/4" B.A.	7" x 3" x 1/4" B.A.
7" x 3" x 1/8" B.A.	7" x 3" x 1/8" B.A.

SIDE FRAMES NOT JOGGLED.



EQUIPMENT NUMBER	
L x (B+D)	= 310 x (46.33 + 24.5) = 21,957.3
POOP	= .75 x 30.7 x 7.75 = 178.4
BRIDGE	= .75 x 76 x 9 = 513.0
FORECASTLE	= .75 x 31.3 x 7 = 164.3
CASING + HOUSE	= .5 x 60 x 7.5 = 247.5
POOP DECKHOUSE	= .5 x 29 x 7.5 = 108.8
CHART ROOM	= .5 x 10.5 x 7.5 = 39.4
LETTER "L"	23,208.7

EQUIPMENT	
2 BOWER ANCHORS (STOCKLESS)	45 CWTs.
1 STREAM ANCHOR (EX. STOCK)	12 CWTs.
225 FATHOMS STUD CHAIN CABLE	1 1/2"
80 FATHOMS STREAM STEEL WIRE	4 1/4"
100 FATHOMS TOWLINE STEEL WIRE	4"
2 @ 90 FATHOMS HAWSERS STEEL WIRE	2 1/2"
2 @ 80 FATHOMS WARPS MANILLA	6"

POOP	
SIDE PLATING 3/4" BUTTS & SEAMS SINGLE RIVETED	
STRINGER ANGLE 3" x 3" x 5/8"	
STRINGER PLATE 30" x 32"	
DECK PLATING .30" EXPOSED, .25" SHEATHED.	

FORECASTLE	
SIDE PLATING 3/4" BUTTS & SEAMS SINGLE RIVETED	
STRINGER ANGLE 3" x 3" x 5/8"	
STRINGER PLATE & DECK PLATING .32"	
OR .35" STRINGER & .30" + .35" DECK PLATING.	

SHELL RIVETING					
BUTTS			SEAMS		
STRAKE	WIDTH	MIDSHIPS	ENDS	MIDSHIPS	ENDS
"A"	46 1/2"	7/8" TREBLE	7/8" TREBLE	7/8" - 3/4"	7/8" - 5/8"
"B"	65 1/2"	3/4" TREBLE	3/4" TREBLE	3/4" - 1/2"	3/4" - 1/2"
"C"	65"	"	"	"	"
"D"	77 1/2"	"	3/4" TREBLE	"	"
"E"	74 1/2"	"	DOUBLE	"	"
"F"	77 1/2"	"	WHERE .42	"	"
"G"	77"	"	AND UNDER	"	"
1/4" IN WAY OF BRIDGE	77 1/2"	"	"	"	"
1/4" IN WAY OF BRIDGE	65"	"	"	"	"
1/4" CLEAR OF BRIDGE	78 1/2"	7/8" TREBLE	7/8" TREBLE	"	"
1/4" CLEAR OF BRIDGE	65"	7/8" QUADRUPLE	DOUBLE WHERE .42 UNDER	7/8" - 3/4"	3/4" WHERE .50 UNDER
1/4" IN WAY OF BRIDGE	53 1/2"	3/4" TREBLE	"	3/4" - 1/2"	"
1/4" IN WAY OF BRIDGE	53 1/2"	"	"	7/8" - 1/2"	"

RIVETING			
FORWARD OF 1/2 L FORWARD THE RIVETS CONNECTING THE 5" x 5" BOTTOM FRAMES TO FLOORS TO BE IN TWO COMPLETE ROWS AND SPACED 6" DIAS. APART IN EACH ROW AND THROUGH THE 8" x 5" FRAMES TO SHELL TWO COMPLETE ROWS SPACED 5 1/2" DIAS. APART IN EACH ROW.			
RIVETS IN THE BOTTOM FRAMES TO SHELL AFT OF 1/2 L FORWARD SPACED 7" DIAS. APART			
" " " REVERSE FRAMES TO FLOORS AND TANK TOP	"	7	"
" " " PANTING FRAMES TO SHELL	"	5 1/2	"
" " " SIDE FRAMES TO SHELL AFT OF PANTING FRAMES	"	7	"
" " " " " IN FORE & AFTER PEAK TANK	"	5 1/2	"
" " " SIDE FRAMES TO FLOORS & CROSS TIES IN AFTER PEAK TANK	"	5	"
" " " " " FLOORS IN FORE PEAK TANK	"	7	"

STEM 8 1/4" x 2 1/4"
RUDDER POST 9 1/4" x 6" (CRUISER STERN)
PROPELLER POST 3 1/4" x 6"
PLAN OF STERN FRAME AND RUDDER WILL BE SUBMITTED

DOUBLE BOTTOM
CENTRE GIRDER 37" x 46" FOR 1/2 L TO .38" .56" B.R. BUTTS TREBLE TO DOUBLE RIV. OVERLAP WHERE .38" TANK TOP CENTRE STRAKE 65 1/2" x 46" (RULE 47" x 46") TO .35 AT ENDS .55" B.R. 140" x 100" E.R. (43" TO .42" UNDER HATCHES) BUTTS DOUBLE RIVETED OVERLAPS
TANK TOP PLATING .35" TO .34" (x .08" UNDER HATCHES) .45" E.R. .50" B.R. BUTTS DOUBLE TO SINGLE RIVETED OVERLAPS.
INTERCOSTAL GIRDERS WHERE FITTED .32" IN HOLDS .34" E.R. .44" B.R. TOP BARS 3" x 3" x 3/4", 3 1/2" x 3 1/2" x 3/4" B.R.
BOTTOM BARS 3 1/2" x 3 1/2" x 3/4" VERTICAL BARS 3" x 2 1/2" x 3/4"
SOLID FLOORS ON EVERY FRAME .34" .44" B.R. W.T. FLOORS .42" W.T. FLOOR FRAME & REV. FRAME 3 1/2" x 3 1/2" x 3/4"
W.T. FLOOR STIFFENERS 5" x 3" x 3/4" O.A. 3/4" B.R. 30" APART.
NO OIL FUEL IN DOUBLE BOTTOM.

Changes calling sheet 512, 517, 177, 8-44

REVERSED FRAMES DOUBLE UNDER ENGINES
ALSO DOUBLE UNDER THRUST
REVERSED FRAMES DOUBLE UNDER BOILER BEARERS
FLOORS .44" IN B.R.
FULL DEPTH INTERCOSTAL GIRDERS UNDER ENGINES
BOTTOM BARS COVERED WITH CEMENT IN BOILER ROOM

SECTION IN WAY OF BOILERS

ST. JOHN DRYDOCK & SHIPBUILDING CO. LTD. EAST SAINT JOHN, N.B.	
SHIP S.S. "FAWKNER PARK"	
PLAN MIDSHIP SECTION.	
SCALE: 1/2" = 1'-0"	DATE
DRAWN BY J.D.	CHECKED BY
TRACED BY	APPROVED BY
CHECKED BY	
CWS. NO. H/9/2	

* KOOR ALYA *

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~~Roorahya~~ "

Mandarin Slav

Mindship Section



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