

— BUILDING No 61 & 62. — MIDSHIP - SECTION.

SCALE 1/2" = 1 FOOT

1st NUMBER 15.25 + 10.08 + 27.95 = 59.28
2nd NUMBER 59.28 + 208.83 = 12379.
L/D = 208.83 / 16.08 = 12.98, L/B = 208.83 / 30.5 = 6.85.
EQUIPMENT - NUMBER = 12379 + 1497 = 13876.
ERECTOR'S:
POOP 24.0 x 7.0 x 1.5 = 252
BRIDGE 63.5 x 7.0 x 1.5 = 667
FORECAST 28 x 6.75 x 1.5 = 284
DECKHOUSES 42 x 7 x 1 = 294
1497

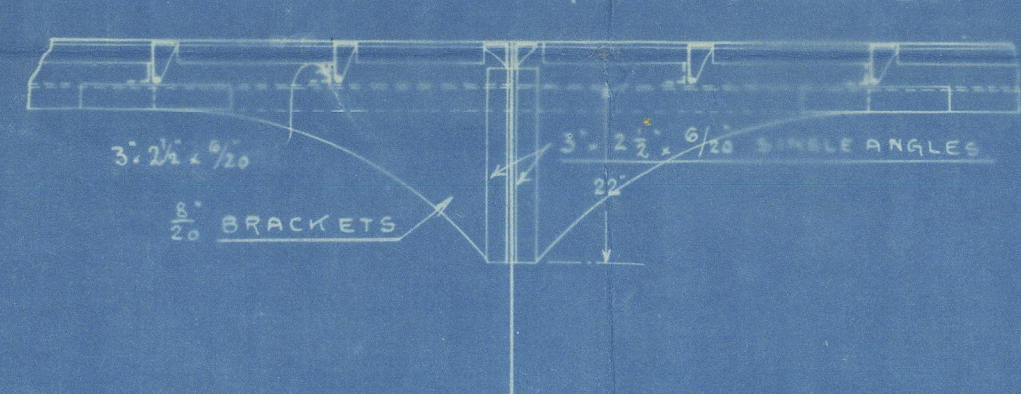
LENGTH AS PER RULE 208'-10" L.
BREADTH MOULDED 30'-6" B.
DEPTH MOULDED 15'-6" D.
LLOYD'S DEPTH 16'-08" D.
1/2 GIRTH OF MIDSHIP SECTION TO MAINDECK 27.95 6/2
HEIGHT OF SHORT POOP AND BRIDGEDECK 7'-0"
HEIGHT OF FORECASTLE 6'-9"
STEEL: CLASS BUREAU VERITAS I & G. I. I SPECIAL SURVEY.

Class: British Lloyd's 100A1.

ANCHORS, CHAINS AND WARPS.

2 BOWERS a 2 1/4 CWT. STOCKLESS	1 WARP a 100 FATH 3 3/8 STEEL WIRE
1 " " a 18 " "	2 " " a 90 " " 2 1/4 " "
1 STREAM ANCHOR 5 3/4 CWT. EXCL. STOCK	1 " " a 100 " " 2 5/8 " "
1 KEDGE " 2 3/4 " "	1 " " a 120 " " 5 1/2 MANILLA
210 FATH: 1 8/16 STUD CHAIN CABLE	1 " " a 90 " " 5 " "

SKETCH SHOWING THE CONNECTION OF
SIDE STRINGERS TO BULKHEADS.
NO BULKHEAD LINERS TO BE FITTED!

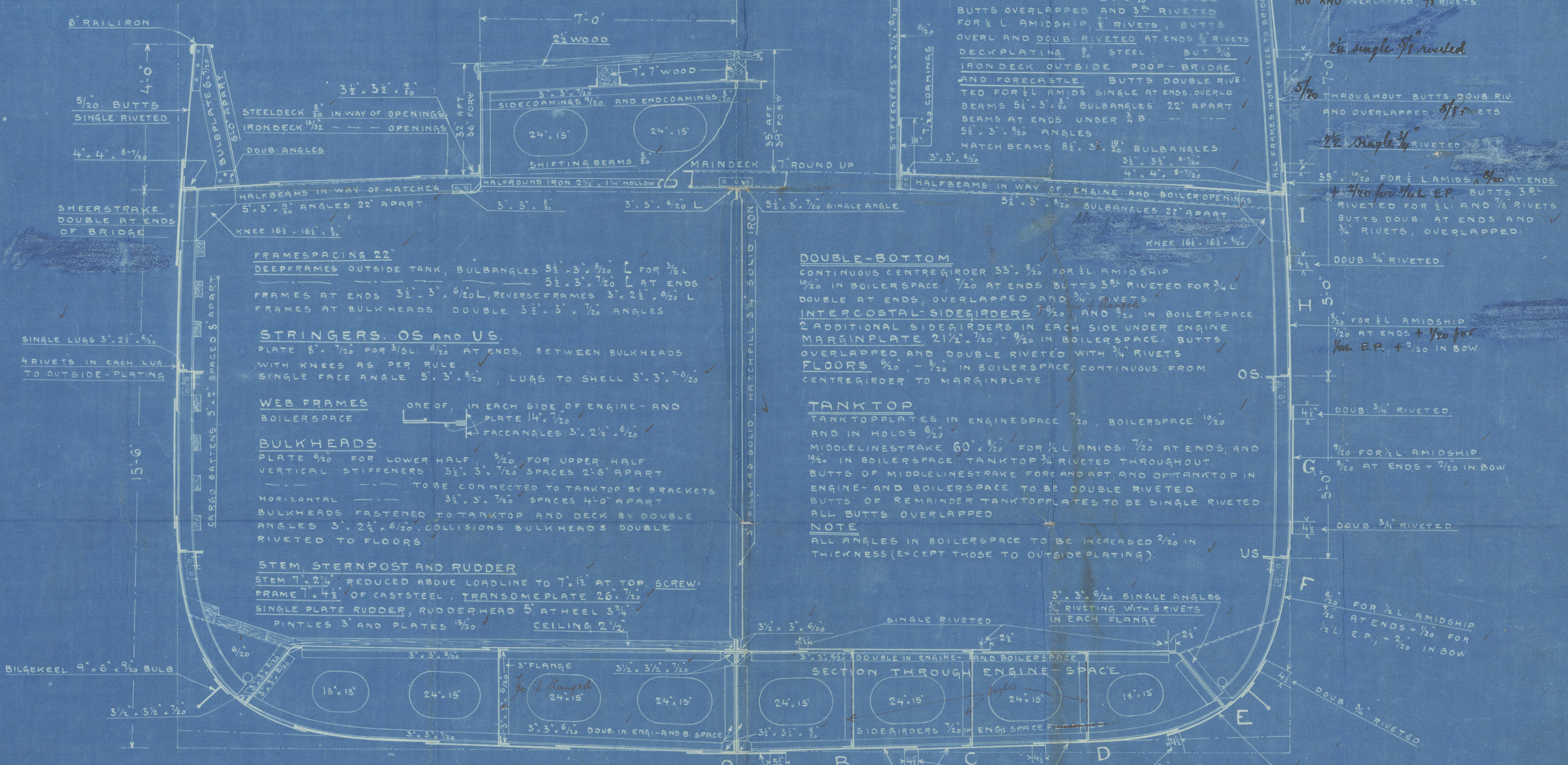


FORECASTLE.

STRINGERPLATE 22' x 5/16 BUTTS DOUBLE
RIVETED AND OVERLAPPED 5/8 RIVETS
STRINGERANGLE 3' x 3' x 5/16
GUTTERANGLE 2 1/2' x 2' x 5/16
5' x 2 1/2' PITCHPIPE
BEAMS 6' x 3' x 5/16 ANGLES
SPACED 44' APART
KNEE 15' x 15' x 5/16

BRIDGE AND SHORT POOPDECK.

BRIDGEDECK STRINGERPLATE 25' x 5/16
POOPDECK 22' x 5/16
BUTTS DOUBLE 5/8 RIVETED AND OVERLAPPED
DECKPLATING OF BRIDGE AND POOPDECK 5/16 STEEL
5/8 RIVETS, BUTTS OF BRIDGEDECK DOUBLE RIVETED,
OF POOPDECK SINGLE RIVETED
BRIDGEDECK BEAMS 22' APART 5' x 3' x 7/16 L
POOPDECK 22' 4' x 3' x 6/16 L



FRAMESPACING 22"

DEEPFRAMES OUTSIDE TANK, BULBANGLES 5 1/2' x 3' x 5/16 L FOR 3/5 L
5 1/2' x 3' x 7/16 L AT ENDS
FRAMES AT ENDS 3 1/2' x 3' x 6/16 L, REVERSE FRAMES 3' x 2 1/2' x 6/16 L
FRAMES AT BULKHEADS DOUBLE 3 1/2' x 3' x 7/16 ANGLES

STRINGERS, OS AND US.

PLATE 8' x 7/16 FOR 3/5 L, 6/16 AT ENDS, BETWEEN BULKHEADS
WITH KNEES AS PER RULE
SINGLE FACE ANGLE 5' x 3' x 5/16, LUGS TO SHELL 3' x 3' x 7/16

WEB FRAMES

ONE OF, IN EACH SIDE OF ENGINE- AND
BOILERSPACE
PLATE 14' x 7/16
FACE ANGLES 3' x 2 1/2' x 6/16

BULKHEADS.

PLATE 9/16 FOR LOWER HALF, 5/16 FOR UPPER HALF
VERTICAL STIFFENERS 3 1/2' x 3' x 7/16 SPACES 2'-6" APART
TO BE CONNECTED TO TANKTOP BY BRACKETS
3 1/2' x 3' x 7/16 SPACES 4'-0" APART
BULKHEADS FASTENED TO TANKTOP AND DECK BY DOUBLE
ANGLES 3' x 2 1/2' x 6/16, COLLISIONS BULKHEADS DOUBLE
RIVETED TO FLOORS.

STEM, STERNPOST AND RUDDER

STEM 7' x 2 1/4' REDUCED ABOVE LOADLINE TO 7' x 1 1/2' AT TOP, SCREW
FRAME 7' x 4 1/2' OF CAST STEEL, TRANSOME PLATE 26' x 7/16
SINGLE PLATE RUDDER, RUDDERHEAD 5' ATHEEL 5 3/4
PINTLES 3' AND PLATES 15/16 CEILING 2 1/2'

DOUBLE-BOTTOM

CONTINUOUS CENTREGIRDER 33' x 5/16 FOR 1/2 L AMIDSHIP
1/16 IN BOILERSPACE, 7/16 AT ENDS. BUTTS 3 1/2' RIVETED FOR 3/4 L
DOUBLE AT ENDS, OVERLAPPED AND 3/4 RIVETS
INTERCOSTAL SIDEGIRDERS 7/16 AND 3/16 IN BOILERSPACE
2 ADDITIONAL SIDEGIRDERS IN EACH SIDE UNDER ENGINE
MARGINPLATE 2 1/2' x 7/16, 7/16 IN BOILERSPACE. BUTTS
OVERLAPPED AND DOUBLE RIVETED WITH 3/4 RIVETS
FLOORS 5/16, 7/16 IN BOILERSPACE, CONTINUOUS FROM
CENTREGIRDER TO MARGINPLATE.

TANKTOP.

TANKTOP PLATES IN ENGINESPACE 7/16, BOILERSPACE 1/16
AND IN HOLDS 9/16
MIDDLELINE STRAKE 60' x 5/16 FOR 1/2 L AMIDSHIP, 7/16 AT ENDS, AND
1/16 IN BOILERSPACE. TANKTOP 3/4 RIVETED THROUGHOUT.
BUTTS OF MIDDLELINE STRAKE FORWARD AND AFT, AND OF TANKTOP IN
ENGINE- AND BOILERSPACE TO BE DOUBLE RIVETED
BUTTS OF REMAINDER TANKTOP PLATES TO BE SINGLE RIVETED
ALL BUTTS OVERLAPPED

NOTE

ALL ANGLES IN BOILERSPACE TO BE INCREASED 2/16 IN
THICKNESS (EXCEPT THOSE TO OUTSIDE PLATING).

SHELLPLATES TO TAKEN 9 FRAMESPACES

RIVETING OF SHELLSEAMS: DOUBLE CHAIN RIVETING LOWER EDGE OF STRAKE B
5/16 OVERLAP 7/8 RIVETS, SPACING 3 3/8 FROM CENTRE TO CENTRE AMIDSHIP.
SPACING AT ENDS 4 TO 4 1/2 DIA. APART (NOT LESS THAN 5 7/8 RIVETS IN EACH ROW BETWEEN
FRAMES).

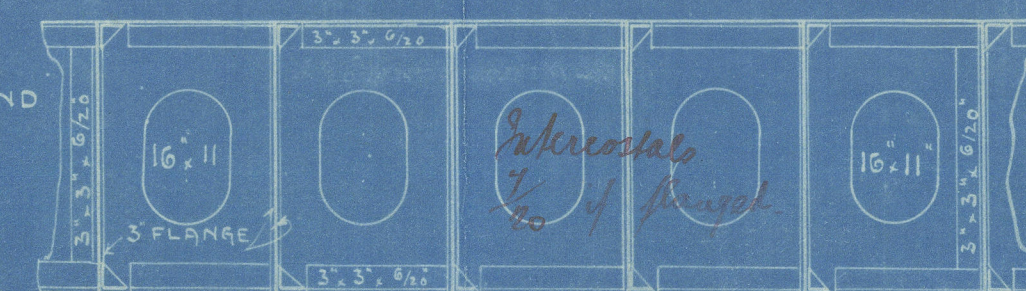
ALL OTHER SEAMS BELOW MAINDECK 4 1/2 OVERLAP 3/4 RIVETS, SPACING 3 1/4 AMID
FROM CENTRE TO CENTRE, SPACING AT ENDS 4 TO 4 1/2 DIA. APART.
(NOT LESS THAN 6 3/4 RIVETS IN EACH ROW BETWEEN FRAMES).

RIVETING OF SHELLBUTTS

BUTTS OF STRAKE A 3 1/2 RIVETED WITH 7/8 RIVETS, 10 3/4 BUTTSTRAPS, SPACING 3 3/8 FROM C.T.O.C.
BUTTS OF STRAKES B-I 3 1/2 RIVETED FOR 1/2 L AMIDSHIP, DOUBLE AT ENDS, WITH 3/4 AND 7/8 RIVETS
7/16 AND 9/16 BUTTLAPS FOR 3 1/2 RIVETED, AND 5 x 6 BUTTLAPS FOR DOUB. RIV. SPACING 2 5/8 AND 3 1/8 FROM C.T.O.C.
RIVETS THROUGH SHELL AND FRAMES 3/4 RIVETS, SPACING 7 DIA. APART FROM C.T.O.C.

NOTE! THE BOW STRENGTHENING EXTEND
FROM STEM TO MIDDLE OF FORE-HATCH

SKETCH SHOWING THE CONNECTION OF SIDE-
INTERCOSTAL TO FLOORPLATES AND BOTTOM!



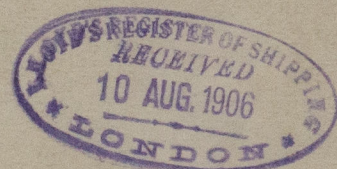
PLATES CONNECTED TO STERNFRAME TO BE MIDSHIP THICKNESS,
BUT PLATES COVERED THE BOSS 1/16 THICKER THAN MIDSHIP THICKNESS.
SHELLPLATES REDUCED BY GRADATION OF 1/16 OVER EQUAL PARTS.





Midship section
for Yard Nos. 61 & 62

to be built by
Københavnens Flydedok & Skibsværft
S. S. "gerda" 2,392 Qm



RETAIN

W475-0117



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Lloyd's Register
Foundation