

NO 15 MIDSHIP SECTION

SCALE 1/2 INCH TO 1 FOOT

PRINCIPAL DIMENSIONS

L.P.P.	305'-0"
B.M.	43'-9"
D.M.	27'-3"
SCANTLING NUMBERS	
B	43.75
D	42.75
L	71.00
TRANSVERSE NO	
x	205
LONGITUDINAL NO	
2155	

d. 15'-0"
= 4 1/2" HALF EXCESS OF HEIGHT OF TANK SIDE BRACKET
15'-10 1/2" FOR FRAME

PROPORTIONS

L/D	TO UPPER DECK	11.12
L/D	TO BRIDGE DECK	8.77

STEM 2 1/2" x 1/2" ROLLED STEEL AS PER PLAN
STEM FRAME
PROPELLER POST 3 1/2" x 1/2" CAST STEEL AS PER PLAN
RUDDER POST 2 1/2" x 1/2"

BRIDGE SIDE PLATING .55"
BUTTS LAPPED & TREBLE RIVETED
POOP SIDE PLATING .34"
BUTTS LAPPED & DOUBLE RIVETED
FORECASTLE SIDE PLATING .38"
BUTTS LAPPED & DOUBLE RIVETED

SHEER STRAKE 44 x 46 FOR 1/2 L
1/4 IN WAY OF BRIDGE .42 AT ENDS
DOUBLED AT BRIDGE ENDS AS PER PLAN
BUTTS LAPPED & QUAD RIVETED FOR
1/2 L, EXCEPT IN WAY OF BRIDGE WHERE
BUTTS LAPPED TREBLE RIVETED
TREBLE AT ENDS

60 x 56 FOR 1/2 L 1/4 IN WAY OF BRIDGE
.42 AT ENDS, BUTTS LAPPED & TREBLE
RIVETED FOR 1/2 L, DOUBLE AT ENDS

H. STRAKE 54 FOR 1/2 L & .42 AT ENDS
INCREASED .04 IN LIEU OF SIDE STRINGER
= .58 IN WAY OF ENGINE & BOILER SPACE
BUTTS LAPPED & TREBLE RIVETED
DOUBLE WHERE NOT EXCEEDING .42

E, F & G STRAKE 54 FOR 1/2 L &
.42 AT ENDS, INCREASED .04 IN LIEU
OF SIDE STRINGERS = .58 TO 4b
.42 PEAKS
BUTTS LAPPED & TREBLE RIVETED
DOUBLE WHERE NOT EXCEEDING .42

A, B, C & D STRAKE 56 FOR 1/2 L &
.44 AT ENDS, BUTTS LAPPED & TREBLE
RIVETED FOR 1/2 L
BOTTOM PLATING ENTIRELY WITHIN THE
BOUNDARY OF DOUBLE BOTTOM TO BE
REDUCED .08" WHERE .50" - .60" & .62" WHERE
.52" IN THICKNESS

A, B, C STRAKES OF PLATING NEXT
TO KEEL TO MAINTAIN MIDSHIP THICK-
NESS TO COLLISION BULKHEAD

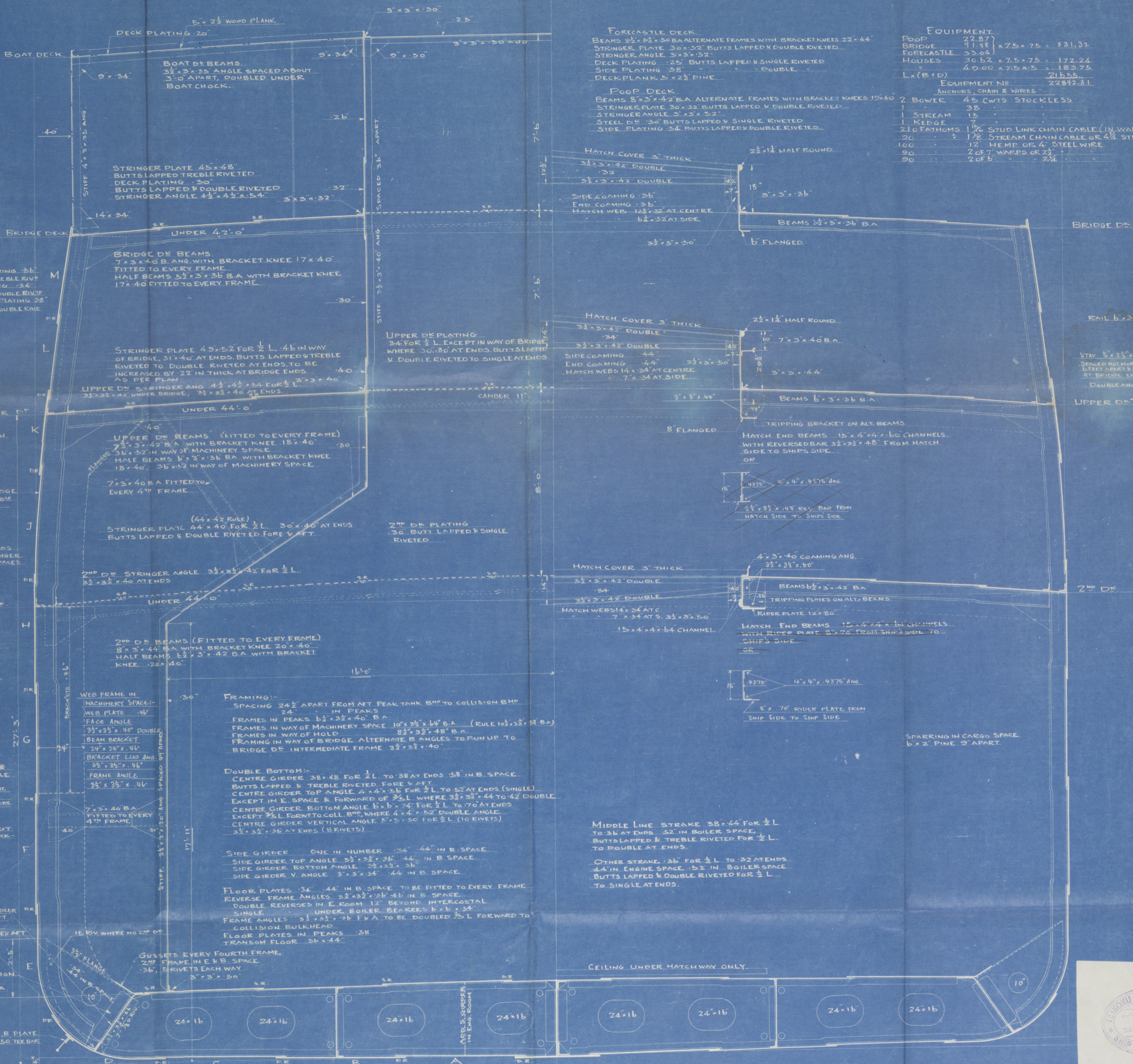
PROPELLER BOSS PLATE .65"
BUTTS LAPPED & QUAD RIVETED

MARGIN PLATE 33 x 46 1/2 IN BOILER
SPACE - DEPTH TO BE REDUCED ABAFT
3/8 L TO 15 1/2" AT AFT END
BUTTS LAPPED & DOUBLE RIVETED FORE & AFT

MARGIN ANGLE 3 1/2 x 3 1/2 x 40
FORE & AFT

5 x 5 x 42 (12 RIVETS) FROM COLLISION
BULKHEAD TO AFT END OF E ROOM
44 IN B. SPACE 3 1/2 x 3 1/2 x 36 S.A.
(7 RIVETS) AFT OF E ROOM B.M.P.

BILGE KEEL 5 x 40 B. PLATE
6 x 4 x 50 TEE BAR



FORECASTLE DECK
BEAMS 2 1/2 x 30 ALTERNATE FRAMES WITH BRACKET KNEES 22 x 44
STRINGER PLATE 30 x 32 BUTTS LAPPED & DOUBLE RIVETED
STRINGER ANGLE 3 x 3 x 32
DECK PLATING .25" BUTTS LAPPED & SINGLE RIVETED
SIDE PLATING .38" DOUBLE
DECK PLANK 5 x 2 1/2 PINE

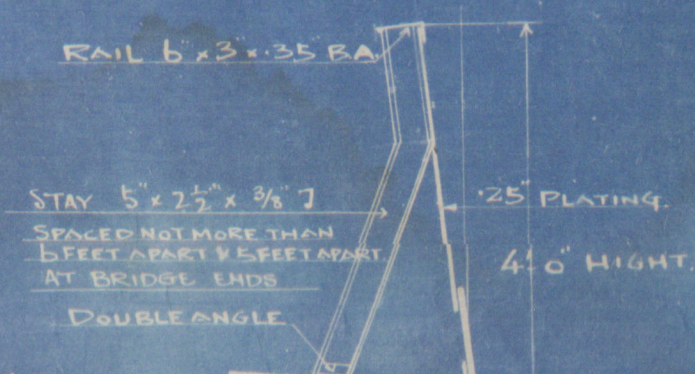
POOP DECK
BEAMS 8 x 5 x 42 B.A. ALTERNATE FRAMES WITH BRACKET KNEES 19 x 40
STRINGER PLATE 30 x 32 BUTTS LAPPED & DOUBLE RIVETED
STRINGER ANGLE 3 x 3 x 32
STEEL DECK 30 BUTTS LAPPED & SINGLE RIVETED
SIDE PLATING .34 BUTTS LAPPED & DOUBLE RIVETED

EQUIPMENT

POOP	22.87
BRIDGE	11.88
FORECASTLE	33.04
HOUSES	30.52
L x (B + D)	2155
EQUIPMENT NO	22842.31

ANCHORS, CHAIN & WIRES

2 BOWER	45 CWTs STOCKLESS
1 STREAM	15
1 KEDGE	7
210 FATHOMS	1/2" STUD LINK CHAIN CABLE (IN WAR TIME)
100	1/2" STREAM CHAIN CABLE OR 4/4" STEEL WIRE
90	1/2" HEMP OR 4" STEEL WIRE
80	2 OF 7 WAPS OR 2 1/2"
70	2 OF 6



RAIL 6 x 3 x 35 B.A.
STAY 5 x 2 1/2 x 7/8
SPACED NOT MORE THAN
12" BETWEEN STAYS
AT BRIDGE ENDS
DOUBLE ANGLE
4' 6" HEIGHT

2ND DE
HATCH COVER 3" THICK
3 1/2 x 3 1/2 DOUBLE
3 1/2 x 3 1/2 DOUBLE
SIDE COAMING .44"
END COAMING .44"
HATCH WEBS 14 x 34 AT CENTRE
7 x 34 AT SIDE

BEAMS 6 x 3 x 36 B.A.
TRIPPING BRACKET ON ALT. BEAMS
HATCH END BEAMS 15 x 4 x 44 B.C. CHANNELS
WITH REVERSED BAR 3 1/2 x 3 1/2 x 48" FROM HATCH
SIDE TO SHIP'S SIDE
OR

4' 3' 40" COAMING ANG.
3 1/2 x 3 1/2 x 50"
BEAMS 6 x 3 x 36 B.A.
TRIPPING PLATES ON ALT. BEAMS
RIDER PLATE 12 x 80
HATCH END BEAMS 15 x 4 x 44 B.C. CHANNELS
WITH RIDER PLATE 6 x 70 FROM SHIP'S SIDE TO
SHIP'S SIDE
OR

6' x 70" RIDER PLATE FROM
SHIP SIDE TO SHIP SIDE

SPARRING IN CARGO SPACE
6 x 2 PINE 9' APART

MIDDLE LINE STRAKE 38 x 44 FOR 1/2 L
TO 36 AT ENDS .52 IN BOILER SPACE
BUTTS LAPPED & TREBLE RIVETED FOR 1/2 L
TO DOUBLE AT ENDS

OTHER STRAKE .35" FOR 1/2 L TO 32 AT ENDS
1/4 IN ENGINE SPACE .52 IN BOILER SPACE
BUTTS LAPPED & DOUBLE RIVETED FOR 1/2 L
TO SINGLE AT ENDS

CEILING UNDER HATCHWAY ONLY

FLAT PLATE KEEL 44 x 86 FOR 1/2 L TO
.62 AT ENDS, BUTTS LAPPED & QUAD RIVETED
TO TREBLE AT ENDS WHERE NOT
EXCEED .75

24 x 16

24 x 16

24 x 16

24 x 16

24 x 16

24 x 16

W1212-0214

G. I. "Yugao Maru"

Harima

No 15

Midship section

RETAIN



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Lloyd's Register
Foundation