

# SHOHEI MARU

## MIDSHIP SECTION

TO CLASS TEISHINSHO RULE 1ST CLASS VESSEL

LYOYD'S LOCAL WITH FREEBOARD (MOULDED) DRAFT 25'-9.71"

SCALE 1/2 IN. TO ONE FT.

BULB ANGLES TO BE (REVISED) BRITISH STANDARD SECTIONS

ROW OF RIVETS IN BUTTS		
ITEMS	1/2 IN.	ENDS
BR. DK. STRINGER PLATE	3	
PLATE	2	
UPPER DK. STRINGER PLATE	3	4-3
PLATE	3	3-1
SECOND DK. STRINGER PLATE	2	
PLATE	2	1
BRIDGE SIDE PLATE	3	
SHEER STRAKE	4	4-3
STRAKE BELOW SHEER STRAKE	4	4-3
SIDE PLATING	3	3
BOTTOM PLATING	4	3
MIDDLE STRAKE OF INNER BOTTOM	3	2
INNER BOTTOM PLATING	2	2
MARGIN PLATE	3	3
CENTRE GIRDER	3	3
KEEL PLATE	4	4-3

**RIVETING IN SHELL TO FRAME**  
RIVET 7/8 DIA. 1" DIA. AT SHEER STRAKE SPACED 6 DIA. APART FOR SIDE PLATING & 6/2 DIA. APART FOR BOTTOM PLATING 5/2 DIA. APART IN PEAKS & DEEP TANKS & BOTTOM 1/2 DIA. FORWARD 1 DIA. APART AT FR. SPACE 2"

**RIVETING IN DECK PLATING TO BEAM**  
SECOND DK.-  
RIVET 3/4 DIA. 3/4 DIA. WHERE PLATING EXCEED 3/4" SPACED 1 DIA. APART 1/2 DIA. APART IN WAY OF DEEP TANKS.

UPPER DK.-  
RIVET 1/2 DIA. AT ABREAST OPENING SPACED 1 DIA. APART & OTHER PLACES 3/4 DIA. SPACED 1 DIA. APART & 1/2 DIA. WHERE PLATING EXCEED 3/4"

BRIDGE DK.-  
RIVET 3/4 DIA. THROUGHOUT SPACED 1 DIA. APART

**RIVETING IN INNER BOTTOM TO REV. FR.**  
RIVET 3/4 DIA. THROUGHOUT SPACED 1 DIA. APART EXCEPT IN MOTOR ROOM WHERE 1/2 DIA. SPACED 1 DIA. APART

**CASTING & FORGING**  
STEM FORGED & CAST STEEL  
STERN POST CAST STEEL  
RUDDER CAST STEEL  
RUDDER FRAME CAST STEEL  
RUDDER STOCK FORGED & CAST STEEL

**NOTE**  
WHERE FRAMES OR REVERSE FRAMES ARE CUT AT SEAMS OF SHELL & INNER BOTTOM THE MEAN SPACING OF THE RIVET IN THIS ANGLES IS NOT TO EXCEED RULE SPACING

### PRINCIPAL DIMENSIONS

LENGTH BETWEEN P.P.	435'-0"
BREADTH MOULDED	58'-0"
DEPTH TO UPPER DK.	35'-0"
TO BRIDGE DK.	62'-0"
HEIGHT BETWEEN UPPER & SECOND DKS	9'-0"
TO BRIDGE DKS	7'-0"
OF DECK HOUSE	8'-0"

### SCANTLING NUMERALS

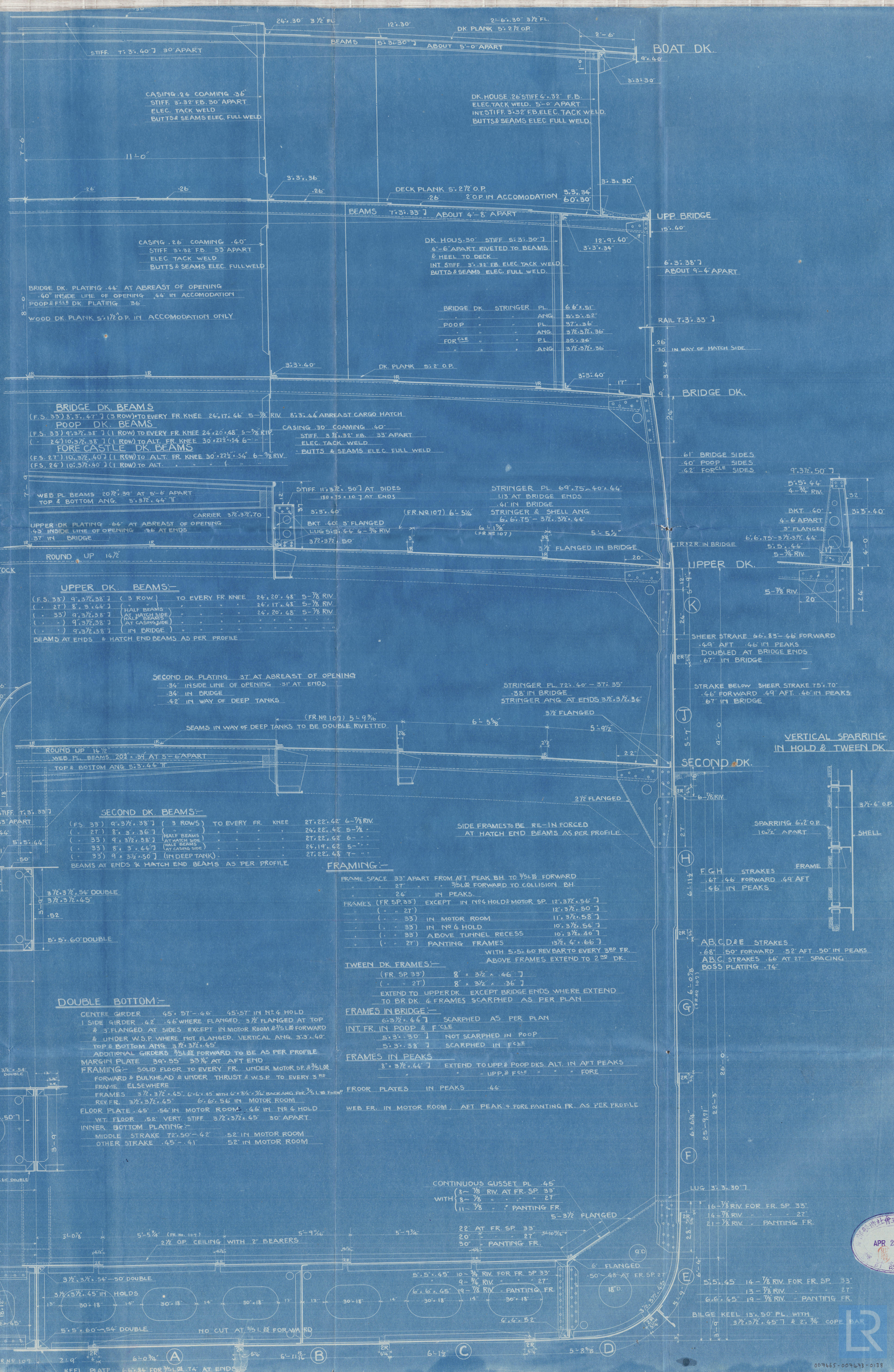
B	5800
D	5500
1	43500
FIRST LONGITUDINAL NUMERALS	1522500
SECOND	4045500
1/2 TO UPPER DK.	1243
1/2 TO BRIDGE DK.	1018

### EQUIPMENT NUMERALS

SECOND LONGITUDINAL NUMERAL	4045500
POOP	36.5 x 7.5 x 3/4
BRIDGE	16500.775 x 3/4
FORECASTLE	33 x 7.5 x 3/4
DECK HOUSE	16.5 x 8 x 12 x 1/2
	50.5 x 7.5 x 3/4
TOTAL	42324.38

### EQUIPMENT

2 - POWER ANCHOR (STOCKLESS)	72 CWT. 3/4" DIA.
1 - STREAM	72 CWT. 1" DIA.
300 FATHOMS 2 1/2" STUD CHAIN CABLE	
120 5" STEEL WIRE FOR STREAM ANCHOR	
130 5/2" TOW LINE	
2 COILS OF 100 FATHOMS OF 8" MANILA	



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Midship Reelin  
(as built).

"Shohei Maru"

Kobe. 1923.



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007465-007473-0138