

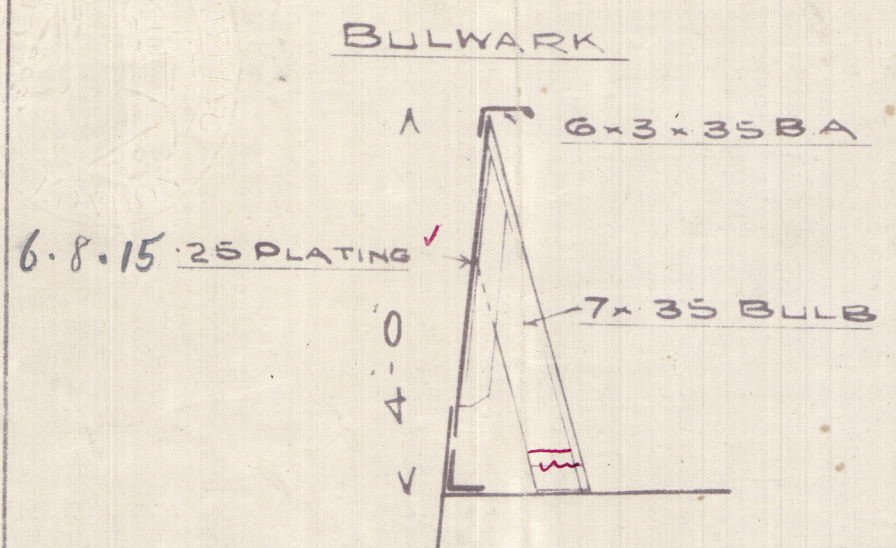
# MIDSHIP SECTION

## PRINCIPAL DIMENSIONS

LENGTH 305'0" BREADTH MLD 43'9" DEPTH MLD 27'3"

CLASS 100 A. I. LLOYDS

SCALE 1/2" = 1 FOOT



STRINGER 45 x 48 BUTTS  
LAPPED & TREBLE RIV

STEEL DECK 30  
BUTTS LAPPED &  
DOUBLE RIV

FRAMES IN BRIDGE  
5 1/2 x 3 1/2 x 44 CLEAR OF E & B SPACE  
6 1/2 x 3 1/2 x 50 IN WAY  
LAPPED DOWN ON TO MAIN  
FRAMES

BRIDGE SIDE 56 BUTTS  
LAPPED & QUAD RIV

ALT. FRAMING IN BRIDGE  
ALT BULB ANGLES TO RUN  
UP TO BRIDGE DECK  
INTERMEDIATE STIFFS 3 1/2 x 3 1/2 x 40

SHEERSTRAKE 44 x 66 FOR 1/2 L  
TO 42 ATENDS 54 IN WAY OF  
BRIDGE. DOUBLED FOR 20'0" AT  
ENDS OF BRIDGE BUTTS LAPPED  
QUAD RIV TO TREBLE AT ENDS  
TREBLE IN WAY OF BRIDGE

60 x 56 FOR 1/2 L TO 42 ATENDS  
INCREASED 04 IN LIEU OF  
SIDE STRINGERS 58 TO 42  
BUTTS LAPPED & TREBLE RIV  
TREBLE RIV TO DOUBLE ATENDS  
54 IN WAY OF BRIDGE

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54 IN WAY OF BRIDGE

BOSS PLATE 66  
QUAD RIV OVERLAP

BILGE KEEL  
9 x 46 BULB  
2 x 66 TEE BAR

NOTE: THREE STRAKES OF PLATING NEXT TO KEEL  
TO MAINTAIN 52 THICKNESS TO COLLISION RIB  
NOTE: TANK FRAMES DOUBLED FROM MARGIN  
PLATE TO MARGIN PLATE FROM 52 L FORWARD  
TO COLLISION BND

NOTE: ALL BEAMS STOP AT TOE OF FRAME

Sketch of strengthening of bottom for to be submitted.

FORECASTLE  
BEAMS 11 x 31 x 34 A ALT FRAMES KNEES 22 x 44  
STRINGER PLATE 30 x 32 BUTTS DOUBLE RIV  
STRINGER ANGLE 3 x 3 x 32  
DECK 5 1/2 x 30 WATERWAY BAR 2 1/2 x 2 1/2 x 34  
DECK PLATING 25  
SIDE PLATING 38 BUTTS DOUBLE RIV  
PILLARS 2 3/4 DIA

POOP  
BEAMS 8 x 3 x 34 A ALT FRAMES KNEES 19 x 40  
STRINGER PLATE 30 x 32 BUTTS DOUBLE RIV  
STRINGER ANGLE 3 x 3 x 32  
STEEL DECK 30 BUTTS SINGLE RIV  
SIDE PLATING 34 BUTTS DOUBLE RIV  
PILLARS 2 3/4 DIA

## EQUIPMENT LETTERS

180 WER	45 CWTs	STOCKLESS
1	43	"
1	40	"
1 STREAM	12	EX-STOCK
1 KEDGE	5 1/2	"
270 FATHOMS	15 1/2	STUD CHAIN CABLE
90	1 1/2	STREAM CHAIN CABLE OR 4 1/2 STEEL WIRE
100	12	HEMP OR 4 STEEL WIRE
90	2 OF 7	WARPS OR 2 1/2 STEEL WIRE
90	2 OF 6	" " " 2 1/2

## NUMERALS

$$(B+D) 43.75 + 27.25 = 71$$

$$(B+D) \times L 71 \times 305 = 21655$$

## PROPORTIONS

DEPTHS TO LENGTH 1119 TO UPPER DECK  
" " " 8.77 BRIDGE

## EQUIPMENT

POOP 24'92"		
BRIDGE 93'92"	75 x 75	854.33
DECK 33'04"		
HOUSES 33'04"	75 x 5	355.90
	30.02 + 7.5 + 7.5	216.55
EQUIPMENT N°		22800.33
		2285.20

## D. M. WALLACE & CO.

Date July 30th 15 No. 1505  
Naval Architects, Consulting Engineers,  
and Surveyors,  
LEADENHALL HOUSE, 101, LEADENHALL ST.,  
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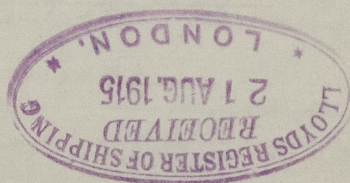
Midship Section

MB 68

S/s "Genmei Maru"

Robt Rpt No 2050

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