

# No 475 MIDSHIP SECTION.

SCALE  $\frac{1}{2}'' = 1' - 0''$   
TO CLASS TEISHINSHO RULE 1<sup>ST</sup> CLASS VESSEL &  
LLOYD'S 100 A1 WITH FREE BOARD.

PRINCIPAL DIMENSIONS	
LENGTH BETWEEN P. P.	468' - 0"
BREADTH MOULDED	53' - 0"
DEPTH	37' - 0"
HEIGHT BETWEEN UP. & AW. DKS.	8' - 0"
" " " " " " " "	9' - 6"
" " " " " " " "	6' - 3"

SCANTLING NUMBERS	
B	43
D	29
TRANS. N°	32
L	41.5
LONG. N°	33210
L/D	10.95
d	25' - 5" IN MACH. SPACE
"	18' - 11"

FORGING & CASTINGS	
STEM OF ROLLED MILD STEEL	10 1/2" x 2 3/8"
STERN FR. PROP. POST.	10 1/2" x 7 1/2" OF CAST STEEL
RUDDER	9" x 7 1/2"
RUDDER FRAME OF CAST STEEL AS PER DETAIL PLAN.	

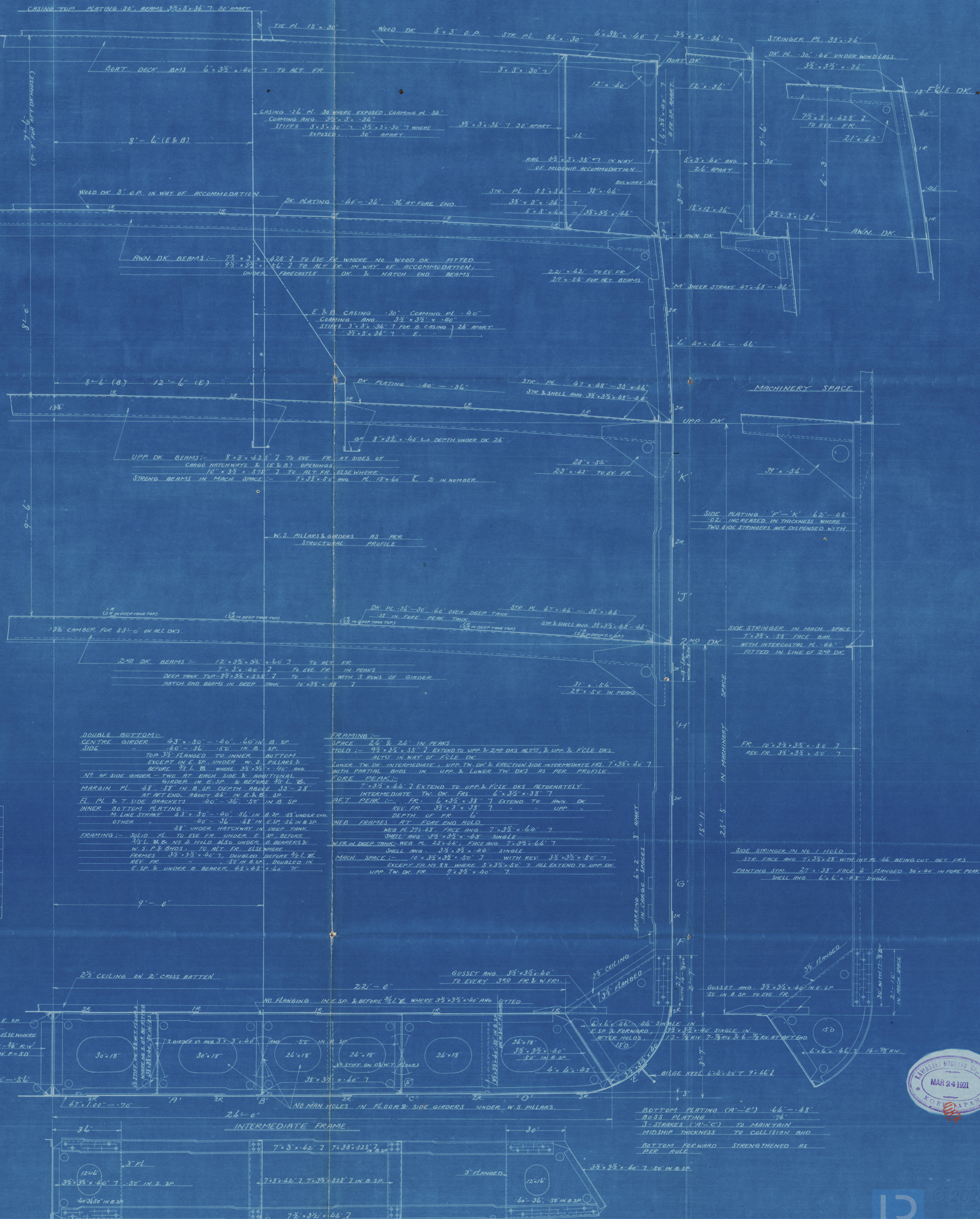
EQUIPMENT NUMBER	
LONGITUDINAL NUMBER	= 33210
ERECTOR (405 x 8 x 0.75) + (8145 x 6.35 x 0.75)	= 287742
DECK HOUSES (26 x 52) x 75 x 0.5	= 27250
(1425 x 8.75 + 4476 x 7.75) x 0.5	= 24531
NUMERICAL EQUIPMENT	= 36318.22
3 BOWER ANCHORS (STEELLESS)	61 CWT. EACH
1 STREAM ANCHOR (COMMON)	175 " EX. STOCK
RED OFE	7 1/2 "
2 1/2" STUD. CHAIN CABLE	270 FATHOMS
2 1/2" STEEL WIRE FOR STREAM ANCHOR	70 "
2 " " " " " " " "	120 "
2 COILS OF 3" MANILLA	90 " EACH
2 " " " " " " " "	90 "

ROWS OF RIVETS IN BUTT	
ANVING. DK. STRINGER PLATE	2
" " PLATING	1
UPPER " " STRINGER PLATE	3
" " PLATING	1
SECOND " " STRINGER PLATE	3
" " PLATING EXCEPT TOP OF DEEP TANK	1
SHEER STRAKE	4
STRAKE BELOW SHEER STRAKE	4
SIDE PLATING OF SHELL	3
BOTTOM " " "	2
KEEL PLATE	1
MIDDLE STRAKE OF INNER BOTTOM PLATING	2
INNER BOTTOM PLATING	1
MARGIN PLATE	3
CENTRE GIRDER	3
FORECASTLE DK. STRINGER PLATE	2
" " PLATING	1

RIVETING	
FRAME TO SHELL	7/8" IN PEAK & DEEP TANKS & IN BOW
FRAME IN FLOORS IN AFT PEAK	5/8"
" " " " " " " "	3/4"
BUTTS OF SHELL PLATE	3/8" 6 IN 4 LBS. BUTT LAP
SEAMS	5/8" 6 IN 4 LBS. BUTT LAP
DK. PLATE TO BMS	5/8" 6 IN 4 LBS. BUTT LAP
BUTTS OF STRINGER PL.	5/8" 6 IN 4 LBS. BUTT LAP
" " " " " " " "	5/8" 6 IN 4 LBS. BUTT LAP
EDGES	5/8" 6 IN 4 LBS. BUTT LAP
GUNWALE ANG.	5/8" 6 IN 4 LBS. BUTT LAP
DK. STR.	5/8" 6 IN 4 LBS. BUTT LAP
DOUBLE BOTTOM	5/8" 6 IN 4 LBS. BUTT LAP
BUTTS OF MARGIN PL. & CENTRE GIRDER	5/8" 6 IN 4 LBS. BUTT LAP
BUTTS & EDGES OF INNER BOTTOM PL.	5/8" 6 IN 4 LBS. BUTT LAP
MARGIN ANG.	5/8" 6 IN 4 LBS. BUTT LAP
KEEL	5/8" 6 IN 4 LBS. BUTT LAP
FLOOR PL. TO FR. & REV. FR.	5/8" 6 IN 4 LBS. BUTT LAP
VERTICAL ANG. ON C. G. AT ENDS	5/8" 6 IN 4 LBS. BUTT LAP
ANG. AT TOP OF CENTRE GIRDER	5/8" 6 IN 4 LBS. BUTT LAP
TOP & BOTTOM ANG. ON SIDE GIRDER	5/8" 6 IN 4 LBS. BUTT LAP
BUTTS & EDGES OF AND PL.	5/8" 6 IN 4 LBS. BUTT LAP
BULKHEAD BOUNDARY	5/8" 6 IN 4 LBS. BUTT LAP
STIFFENERS	5/8" 6 IN 4 LBS. BUTT LAP
SIDE STR.	5/8" 6 IN 4 LBS. BUTT LAP
" " " " " " " "	5/8" 6 IN 4 LBS. BUTT LAP
W.S. PILLARS & GIRDERS EXCEPT GIRDER TO DK.	5/8" 6 IN 4 LBS. BUTT LAP
SHELL PL. TO STEM & STERN FRONTS	5/8" 6 IN 4 LBS. BUTT LAP

W. T. BULKHEADS  
7 IN NUMBER EXTEND TO UPPER DECK  
EXCEPT COLLISION & AFT END AND OF DEEP TANK  
WHICH FORMER EXTEND TO AIN. DK. & THE LATER  
EXTEND TO SECOND DK.  
BULKHEAD STIFFENERS AS IN FOLLOWING TABLE:-

FRAME NO.	MOLD	SPACING	LOWER TWEEN. DECK	UPPER TWEEN. DECK
FR. N° 9	7' - 3" x 40" x 24"	24"	5' - 3" x 32" x 24"	30"
" " 35	9' - 3" x 32" x 24"	24"	" " " " " "	"
" " 38	9' - 3" x 32" x 24"	24"	" " " " " "	"
" " 74	" " " " " "	"	5' - 3" x 32" x 24"	30"
" " 78	" " " " " "	"	" " " " " "	"
" " 149	10' - 3" x 32" x 24"	24"	" " " " " "	"
" " 177	11' - 3" x 32" x 24"	24"	5' - 3" x 32" x 24"	30"
LONG. AND	8' - 3" x 48" x 24"	24"	" " " " " "	"



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S/S BALTIMORE MARU

Kawasaki Yard no H75

Midship Section Decks

Kobe Rpt no 3165

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