

No 477

MIDSHIP SECTION.

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

PRINCIPAL DIMENSIONS		
LENGTH BETWEEN P. P.	48' - 0"	
DEPTH	37' - 0"	
HEIGHT BETWEEN UP. & AW. DKS	3' - 0"	
" " " " " "	2' - 0"	
" " " " " "	6' - 3"	

SCANTLING NUMBERS	
3	83
4	29
5	82
6	65
7	33.2/6
8	10.85
9	28.5
10	15.11

FORGING & CASTINGS
STEM OF ROLLED MILD STEEL $10\frac{1}{2} \times 2\frac{3}{4}$
STERN FR. POOP POST. $10\frac{1}{2} \times 2\frac{3}{4}$ RECAST STEEL
RUDDER " " $9 \times 7\frac{1}{2}$
RUDDER FRAME OF CAST STEEL AS PER DETAIL PLAN.

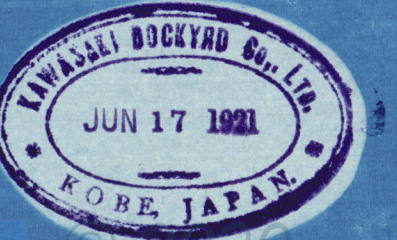
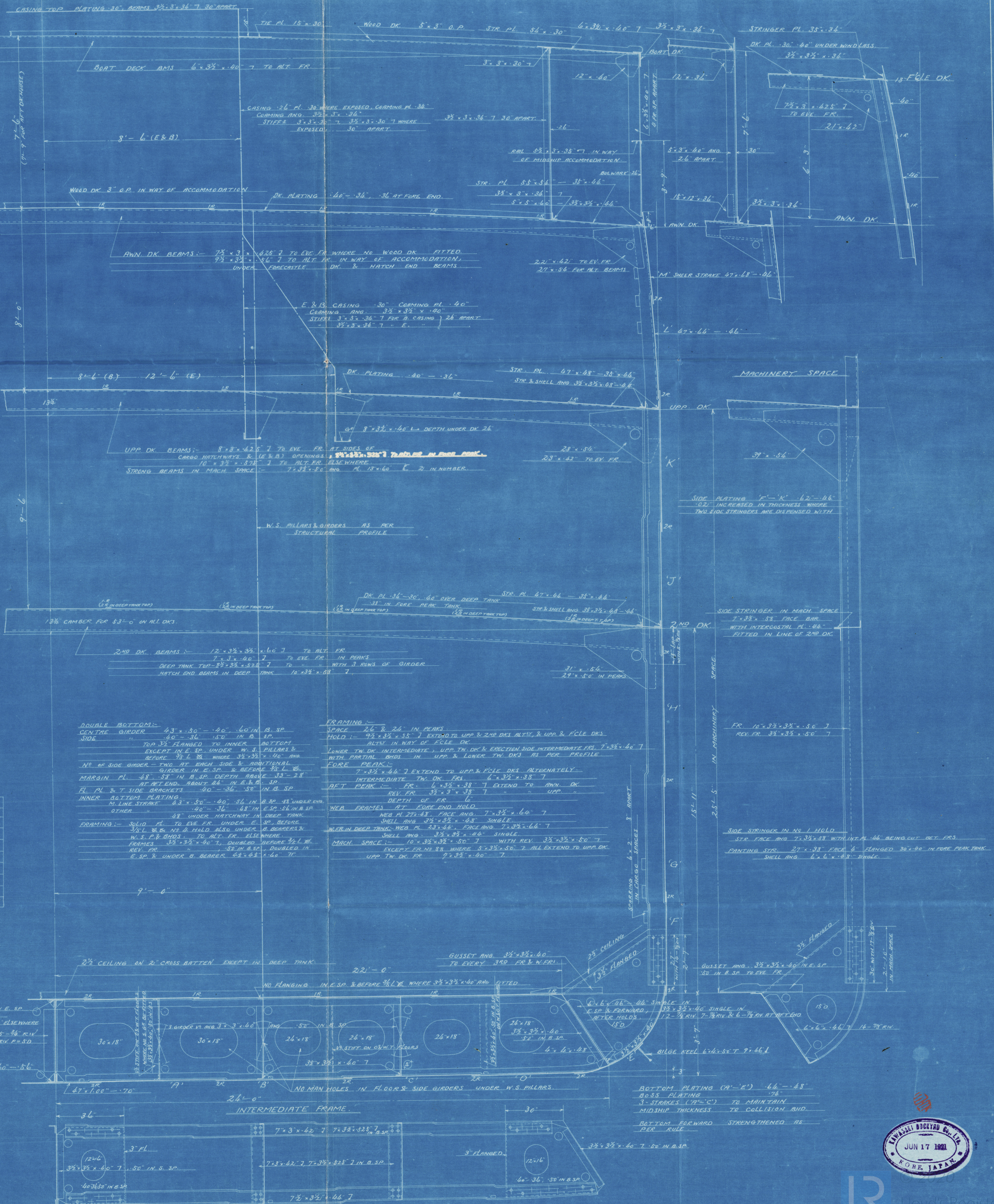
EQUIPMENT NUMBER	
LONGITUDINAL NUMBER	= 33.210
ERECTOR'S (605.8 x 675) + (2145 x 675 x 874)	= 2,877.62
DECK HOUSES (28.4 x 28.2) x 87.8	= 2,922.50
(625 x 87.8 + 44.96 x 275) x 0.5	= 2,65.31
NUMERICAL EQUIPMENT	= 36,325.23
EQUIPMENT	
3 POWER ANCHORS (STEELLESS)	61 CWT. EACH
1 STREAM ANCHOR (COMMON)	175 " EX. STOCK
1 KEDGE " "	75 " "
2 1/2" STUD CHAIN CABLE	270 FATHOMS
2 1/2" STEEL WIRE FOR STREAM ANCHOR	70 " "
2 " PLATING TOW LINE	120 " "
2 COILS OF 8" MANILLA	70 " EACH
2 " " " "	70 " "

ROWS OF RIVETS IN BUTT		
ITEMS	1/2 LK	ENDS
AWNING DK STRINGER PLATE	3	3
" " PLATING	2	1
UPPER " STRINGER PLATE	2	1
" " PLATING	3	3
SECOND " STRINGER PLATE	3	3
" " PLATING EXCEPT TOP OF DEEP TANK	1	1
SHEER STRAKE	4	3
STRAKE BELOW SHEER STRAKE	4	3
SIDE PLATING OF SHELL	3	3
BOTTOM " " "	4	3
BOSS " " "	4	6
KEEL PLATE	4	6-3
MIDDLE STRAKE OF INNER BOTTOM PLATING	3	3-2
INNER BOTTOM PLATING	2	1
MARGIN PLATE	3	3
CENTRE GIRDER	3	3
FORECASTLE DK	3	3
FORECASTLE PLATING	1	1

RIVETING	
ITEMS	WITCHER'S CIRCLES IN ITS DIA.
FRAME TO SHELL	7. 3/4 IN PEAK & DEEP TANKS, & MIDDLE BOTTOM BEFORE 1/4 IN MACHINERY SPACE
FRAME TO FLOORS IN AFT PEAK	5
REV. FR. " "	3 1/2
" " " " " "	7
BUTTS OF SHELL PLATE	3 1/2 & 4 IN 4' 6" BUTT LAP
BOSS " " "	5 & 6 IN 4' 6" BUTT LAP
DK. PLATE TO AMI	3 1/2 & 4 IN 4' 6" BUTT LAP
BUTTS OF STRINGER PL.	3 1/2 & 4 IN 4' 6" BUTT LAP
DK. " " "	3 1/2 & 4 IN 4' 6" BUTT LAP
EDGES " " "	4 1/2
SUNWALE ANG.	4 1/2
DK. STR.	7
DOUBLE BOTTOM	7
BUTTS OF MARGIN PL. & CENTRE GIRDER	4
BUTTS & EDGES OF INNER BOTTOM PL.	4
MARGIN ANG.	4 1/2
KEEL " " "	5
FLASK PL. TO FR. & REV. FR.	7
VERTICAL ANG. ON C.G. AT ENDS	5
" " " " " "	7
ANG. AT TOP OF CENTRE GIRDER	7 1/2 S. WHERE C.G. IS W. T.
TOP & BOTTOM ANG. ON SIDE GIRDER	4 1/2 IN W. T. BETWEEN FR.
BUTTS & EDGES OF MID PL.	4 1/2 EXCEPT BOUNDARY AND OF DEEP TANK
BULKHEAD BOUNDARY ANGLES	8 1/2 FOR DOUBLE END ANGLES
STIFFENERS	7 EXCEPT IN DEEP TANK WHERE 4
SIDE STR.	7
FACE ANGLE	7
SHELL PLANE OF INTERCOSTAL PL.	4 1/2 IN W. T. BETWEEN FR.
W. S. PILLARS & GIRDERS EXCEPT GIRDER TO DK.	5
INTERCOSTAL PL. OF DK. GIRDER TO DK.	5
SHELL PL. TO STEM & STERN FRAME	5

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

FRAME NO.	HOLD	SPACING	LOWER TWEEN DECK	UPPER TWEEN DECK
STIFFENERS	STIFFENERS	STIFFENERS	STIFFENERS	STIFFENERS
FR. NO. 9	7' 3" x 40" A. ANG.	26"	5' 3" x 32" ANG.	30"
" " 35	9' 3" x 55" A.	30"	" " " "	" "
" " 38	9' 3" x 52.5" A. ANG.	24"	" " " "	" "
" " 74	" " " "	" "	5' 3" x 36" ANG.	30"
" " 78	" " " "	" "	" " " "	" "
" " 167	10' 2" x 87" A. ANG.	24"	" " " "	" "
" " 177	10' 2" x 87" A. ANG.	24"	5' 3" x 40" ANG.	26"
LONG. AND	8' 3" x 45" 7	36"	36" x 30" ANG.	24"
IN DEEP TANK	" " " "	" "	" " " "	" "



K. 477.

8/5 VENICE MARU.

(24 ASAMA MARU.)

Midship Section

Kobe Rpt. No 3215



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Lloyd's Register
Foundation

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