

SHELL PLATING				
ITEM	SIZE	ATENDS	REMARKS	END LAP
FLAT KEEL	125 x 20	17.5		3-4 ROW
BOTTOM PLATE (A-D)	15.5	11.5 (FLOOR)		3-4 ROW
SIDE PLATE (F-H)	15.5	11.5		3-4 ROW
SHEER STRAKE	230 x 15.5	12.5		3 ROW
BRIDGE SIDE PLATE (M-N)	15			1 ROW
POOP " " (M-N)		10.5		1 ROW
POOP " " (M-N)		9.5		1 ROW
BOSS PLATE		18		4 ROW
PLATE FITTED TO STERN FRAME		15.5		3 ROW
BILGE PLATE (E)	15.5	13.5		3 ROW

DOUBLE BOTTOM				
ITEM	SIZE	ENDS	ENGINE ROOM	BOILER ROOM
GIRDER PLATE	100 x 12.5	100 x 11	13.5	15
BOTTOM ANGLE	90 x 90 x 13.5	90 x 90 x 12.5	90 x 90 x 13.5	90 x 90 x 15.5
TOP ANGLE	90 x 90 x 13.5	90 x 90 x 12.5	90 x 90 x 13.5	90 x 90 x 15.5
VERTICAL ANGLE	75 x 75 x 10.5	75 x 75 x 10.5	75 x 75 x 10.5	75 x 75 x 13.5
INTER PLATE	10	10	10	12.5
BOTTOM ANGLE	75 x 75 x 10.5	75 x 75 x 10.5	75 x 75 x 10.5	75 x 75 x 13.5
TOP ANGLE	75 x 75 x 10.5	75 x 75 x 10.5	75 x 75 x 10.5	75 x 75 x 13.5
VERTICAL ANGLE	75 x 75 x 10.5	75 x 75 x 10.5	75 x 75 x 10.5	75 x 75 x 13.5
FLOOR PLATE	10	10	10	12.5
BOTTOM ANGLE	75 x 75 x 10.5	75 x 75 x 10.5	75 x 75 x 10.5	75 x 75 x 13.5
CONT. ANG. TO STERN	75 x 12.5 x 13.5	75 x 12.5 x 13.5	75 x 12.5 x 13.5	75 x 12.5 x 13.5
MAIN FRAME	180 x 90 x 11.5	180 x 90 x 11.5		180 x 90 x 14.5
REVERSE FRAME	"	"		"
BRACKET PL.	10	10		12.5
SIDE ANGLE	225 x 90 x 12.5	225 x 90 x 12.5		225 x 90 x 13.5
FLOOR PL.	12.5 x 12	12.5 x 10	12.5	12.5
BOUNDARY ANGLE	75 x 75 x 12.5	75 x 75 x 12.5	75 x 75 x 12.5	75 x 75 x 12.5
STIFF.	90 x 90 x 10.5	90 x 90 x 10.5	90 x 90 x 10.5	90 x 90 x 10.5
MIDDLE LINE STIFF.	12.5	12.5	12.5	12.5
OTHER STRAKE	10.5	10.5	10.5	10.5
MARGIN PLATE	12.5	12.5	12.5	12.5
ANGLE	90 x 90 x 12.5	90 x 90 x 12.5	90 x 90 x 12.5	90 x 90 x 12.5

CLASS LLOYD'S 100A1

LARGE CASTING AND FORGING

STEM FORGED STEEL 13 x 20
STERN POST & RUDDER POST " " " "
RUDDER SIMPLEX RUDDER " " " "
RUDDER HEAD FORGED STEEL " " " "

PILOT BRIDGE DECK & POOP DECK BEAM

ITEM	SPACING	SCANTLING	LOG. ANGLE	RIVETING
PILOT BR. DECK BEAM	850, 900	100 x 75 x 10 A	75 x 75 x 11 A	2-19 RIV.
POOP " "	915	150 x 75 x 10 A	"	2-19 RIV.

ERECTION DECK BEAM

ITEM	SPACING	SCANTLING	KNEE	RIVETING
FOUR DECK BEAM	850	200 x 75 x 12.5 B.A.	510 x 380 x 12	5-22 RIV.
POOP " "	710	180 x 75 x 10 B.A.	535 x 405 x 10	5-17 RIV.
BRIDGE DECK BEAM	710	180 x 75 x 10 B.A.	550 x 430 x 12	6-22 RIV.
BRIDGE DECK BEAM WITHIN OPENING	710	125 x 75 x 13.5 B.A.	"	"

UPPER DECK BEAM

ITEM	SPACING	SCANTLING	KNEE	RIVETING	REMARKS
TRANSVERSE BEAM	850	200 x 90 x 12 B.A.	435 x 430 x 12	5-22 RIV.	
" "	610	150 x 75 x 8 B.A.	405 x 355 x 11	4-19 RIV.	
STRONG BEAM	610	WEIR 300 x 8	535 x 350 x 11	"	AS PER PLAN

SECOND DECK

ITEM	SPACING	SCANTLING	KNEE	RIVETING
THREE HALF BEAM	680, 710	100 x 75 x 10 B.A.	445 x 355 x 11	4-19 RIV.
STRONG BEAM	610	WEIR 300 x 8	535 x 350 x 11	6-22 RIV.

DECK HOUSE

ITEM	UPPER DECK	BRIDGE DECK	POOP DECK
COMING PLATE	8-10	8	6
WALL PLATE	6-8	6	6-4.5
BOTTOM ANGLE	75 x 75 x 10.5	75 x 75 x 8.5	65 x 65 x 8.5
TOP ANGLE	75 x 75 x 8.5	75 x 75 x 8.5	65 x 65 x 8.5
STIFF.	75 x 75 x 8.5	75 x 75 x 8.5	75 x 75 x 8.5

ENGINE & BOILER CASING

ITEM	SECOND DECK	UPPER DECK	BRIDGE DECK	POOP DECK
COMING PL.	11	11	7.5	7.5
WALL PL.	7.5	7.5	7.5	7.5
STIFF.	100 x 100 x 13.5	75 x 75 x 10.5	75 x 75 x 10.5	75 x 75 x 10.5
TOP PLATE				10.5
TOP BEAM				100 x 75 x 10.5
SPACING	710	710	710	710

ERECTION DECK

ITEM	FLOOR DECK	BRIDGE DECK	POOP DECK	END LAP
STRINGER PLATE	9	12	9	2-3 ROW
" ANGLE	90 x 90 x 9 A	125 x 125 x 13 A	90 x 90 x 9 A	
OTHER DECK (OPENING)	6.5	9	6.5	1-2 ROW
" (WITHIN OPENING)		9		

UPPER DECK

ITEM	SIZE	AT BREAKS	IL FROM ENDS	REMARKS	END LAP
STRINGER PLATE	24, 14.5	15, 12.5	10.5, 8.5		2-4 ROW
" ANGLE	180 x 180 x 13.5	150 x 150 x 13.5	90 x 90 x 13.5		
OTHER DECK (ABRASE)	10.5, 14.5	12.5, 8.5	7.5		2-3 ROW
" (WITHIN OPENING)	8.5, 10	7.5, 10	8.5		1-2 ROW

SECOND DECK

ITEM	SCANTLING	REMARKS	END LAP
STRINGER PLATE	15, 10 ~ 9		2-1 ROW
SHELL ATTCH	90 x 90 x 10 A		
OTHER DECK (ABRASE)	10 ~ 8		2-1 ROW
" (WITHIN OPENING)	10 ~ 7.5		1 ROW

FRAMING

ITEM	SPACING	HOLD & PEAK FRAME	TWEEN DECK FRAME	ERECTION FRAME	REMARKS
FRAME IN PEAK TANK	610	225 x 75 x 10 B.A.			EXTEND TO POOP DECK
FRAME NO 9 ~ 16	710	270 x 90 x 13.5 B.A.	200 x 90 x 13.5 B.A.	710	140 x 75 x 10 A
FRAME NO 17 ~ 49	"	"	"	"	"
FRAME NO 51 ~ 63	"	270 x 90 x 13.5 B.A.			APPLY STIFFENERS TO BRIDGE DECK
FRAME NO 65 ~ 75	"	270 x 90 x 13.5 B.A.			"
FRAME IN BOILER ROOM	"	270 x 90 x 13.5 B.A.	200 x 90 x 13.5 B.A.		"
FRAME NO 88 ~ 115	"	270 x 90 x 13.5 B.A.	200 x 90 x 13.5 B.A.		"
FRAME NO 116 ~ 155	710				
FRAME NO 156 ~ 165	680				EXTEND TO FLOOR DECK

PRINCIPAL DIMENSION	
LENGTH (L.P.D.)	123' 4 1/2" (40.57 m)
BREADTH (M.L.D.)	16' 3 3/8" (5.0 m)
DEPTH (M.L.D.)	7' 2 1/2" (2.20 m)
LOAD DRAFT	7' 0 3/8" (2.15 m)
DECK HEIGHT	
TWEEN DECK HEIGHT	3' 0 1/2" (0.93 m)
FOUR DECK HEIGHT	2' 3 3/8" (0.71 m)
BRIDGE DECK HEIGHT	2' 3 3/8" (0.71 m)
POOP DECK HEIGHT	2' 3 3/8" (0.71 m)
BOAT DECK HEIGHT	2' 3 3/8" (0.71 m)
PILOT BRIDGE DECK HEIGHT	2' 3 3/8" (0.71 m)
FLYING DECK HEIGHT	2' 3 3/8" (0.71 m)

EQUIPMENT NUMERICAL	
HULL L x (B + D) = 405' x 53.75' x 31.25' = 34,425.0	
POOP L x B x D = 39.5' x 7.75' x 7.5' = 304.6 x 7.5 = 228.5	
FOUR DECK = 48.5' x 7.75' x 7.5' = 375.9 x 7.5 = 282.0	
BRIDGE DECK HOUSE = 140' x 7.75' x 7.5' = 1,045.0 x 7.5 = 813.8	
BOAT L x B x D = 31.7' x 7.75' x 5.0' = 633.5 x 5.0 = 316.8	
PILOT BRIDGE = 25' x 7.75' x 5.0' = 1,937.5 x 5.0 = 96.9	
EN. 36,162.7 (BY R.K. - 3357)	

EQUIPMENTS	
BOW ANCHORS (STOCKLESS)	2 5" 3,200
" (SPARE " ")	1 2,000
STREAM ANCHOR (EX. STOCK)	1 5" 507 M.
CHAINS	
STREAM CABLE (STEEL WIRE 12x6)	1 4 1/2" 220 M.
TOWLINE (" 12x4)	1 4 1/2" 220 M.
HAWSERS (MANILA ROPE)	2 2" 200 M.
" (STEEL WIRE 12x4)	1 2 1/2" 220 M.
" (")	3 2 1/2" 220 M.
WARPS (")	2 2" 220 M.
" (MANILA ROPE)	4 6" 220 M.

NAME OF SHIP TERUTAMAMARU

MIDSHIP SECTION

Kob. reg. No. 701

(FINISHED PLAN)

SCALE 1/4" = 1'-0"

BASEDO DOCK YARD

SASEBO SHIP INDUSTRY CO. LTD.

SASEBO, JAPAN

APPROVED

DESIGN SUPERVISOR

IN CHARGE

CHIEF ENGINEER

DRAWN

DATE

WORK

CLASS

PLAN

SH 27 ~ 271

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TO LOYD

NAME OF SHIP **TERUTAMA MARU**

**MIDSHIP
SECTION**

Kob. rept. No. 701.
(FINISHED PLAN)

SCALE

$\frac{1}{4}'' = 1'-0''$

SASEBO DOCKYARD
SASEBO SHIP INDUSTRY CO. LTD.
SASEBO, JAPAN

APP'D.

APP'D. DESIGN SUPERINTENDENT
H. K. Kawa
C. DESIGNER OF HULL DEP.

IN CHARGE *Yamasaki*

CHECKED BY *B. Tabuchi*

DRAWN BY *Id. Nakamoto*

ISSUED MAR. 27. 1951

WORK NO. 221117

CLASS NO.
PLAN NO. SH 27-291

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神戸市白区海岸通三番地
玉井商船株式会社



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Foundation

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