

Office

PROMENADE AND BOAT DECK BEAM

DESCRIPTION	SPAN	SCANTLING	BRACKET AND RIVET
PROMENADE DK. HALF BEAM	4.200	125 x 75 x 7 L	300 x 190 x 7 3-16 RIV.
DO. THROUGH	5.000	130 x 70 x 6 L	300 x 220 x 8 3-14 R.
BOAT DECK HALF BEAM	4.200	100 x 75 x 7 L	250 x 190 x 7 3-16 R.
DO. THROUGH	5.000	125 x 75 x 7 L	"

DECK HOUSE

DESCRIPTION	UPPER DK.	BRIDGE DK.	PROMENADE DK.	BOAT DK.
COAMING PL.	6	6	6	6
WALL	6			
TOP ATTACH M.	65 x 65 x 8 L	65 x 65 x 8 L	65 x 65 x 8 L	65 x 65 x 8 L
BOTTOM	80 x 8 F.B.	80 x 8 F.B.	80 x 8 F.B.	80 x 7 F.B.
STIFFENER	80 x 9 F.B.	80 x 8 F.B.	80 x 7 F.B.	75 x 7 F.B.

CASING

DESCRIPTION	UPPER DK.	BRIDGE DK.	PROMENADE DK.	BOAT DK.
COAMING PL.	10	8	8	8
CASING PL.	7	7	7	
STIFFENER	90 x 9 F.B.	90 x 9 F.B.	90 x 9 F.B.	90 x 9 F.B.
TOP PL.				10 (R) 7
BEAM				100 x 9 F.B.
SPACE	700	700	700	700

COAL BUNKER BULKHEAD (AS W.T.B.W.)

DESCRIPTION	SCANTLING
LOWEST STRAKE	12
OTHER	8-7
STIFFENER	250 x 10 x 15 7 250 x 10 x 15 7
SPACE	650

DOUBLE BOTTOM

DESCRIPTION	HOLD	ENDS	ENGINE RM.	BOILER RM.	REMARKS
GIRDER PL.	1000 x 12	10	1000 x 12	1000 x 14	
BOTTOM ANG.	100 x 100 x 12 L	100 x 100 x 12 L	100 x 100 x 12 L	100 x 100 x 12 L	
TOP	75 x 75 x 12 L	75 x 75 x 12 L	75 x 75 x 12 L	75 x 75 x 12 L	
VERTICAL BAR	95 x 10 F.B.	95 x 10 F.B.	95 x 10 F.B.	95 x 10 F.B.	UNDER BOILER BEARER 165 x 14
INTERL. PL.	9	9	10	12	
SHELL ATTCH.	75 x 75 x 9 L	75 x 75 x 9 L	75 x 75 x 9 L	75 x 75 x 9 L	UNDER BOILER BEARER 165 x 14
TOP BAR	90 x 9 F.B.	90 x 9 F.B.	90 x 9 F.B.	90 x 9 F.B.	UNDER BOILER BEARER 165 x 14
VERTICAL	95 x 9 F.B.	95 x 9 F.B.	95 x 9 F.B.	95 x 9 F.B.	UNDER BOILER BEARER 165 x 14
FLOOR PL.	9	9	10	12	
SHELL ATTCH.	75 x 75 x 9 L	75 x 75 x 9 L	75 x 75 x 9 L	75 x 75 x 9 L	UNDER BOILER BEARER 165 x 14
TOP BAR	90 x 9 F.B.	90 x 9 F.B.	90 x 9 F.B.	90 x 9 F.B.	UNDER BOILER BEARER 165 x 14
CONNECTING BAR	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.	UNDER BOILER BEARER 165 x 14
TO MAIN PL.	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.	UNDER BOILER BEARER 165 x 14
STIFFENER	75 x 9 F.B.	75 x 9 F.B.	75 x 9 F.B.	75 x 9 F.B.	UNDER BOILER BEARER 165 x 14
FLOOR PL.	12	12	12	12	
SHELL ATTCH.	75 x 75 x 9 L	75 x 75 x 9 L	75 x 75 x 9 L	75 x 75 x 9 L	UNDER BOILER BEARER 165 x 14
TOP BAR	90 x 9 F.B.	90 x 9 F.B.	90 x 9 F.B.	90 x 9 F.B.	UNDER BOILER BEARER 165 x 14
STIFFENER	100 x 75 x 7 L	100 x 75 x 7 L	100 x 75 x 7 L	100 x 75 x 7 L	
BRACKET	9	9	12	12	
MAIN REVERSE FRAME	130 x 75 x 15 L	130 x 75 x 15 L		200 x 90 x 10 L	
ANG STRUT	125 x 12 F.B.	125 x 12 F.B.		165 x 14 F.B.	
CONNECTING BAR	165 x 12 F.B.	165 x 12 F.B.		165 x 14 F.B.	
TO MAIN PL.	165 x 12 F.B.	165 x 12 F.B.		165 x 14 F.B.	
MIDDLE LINE STRAKE	1200 x 12	10	12	14	
OTHER	10	7	12	14	
MARGIN PL.	70 x 70 x 12 L	70 x 70 x 12 L	70 x 70 x 12 L	70 x 70 x 12 L	
ANG	70 x 70 x 12 L	70 x 70 x 12 L	70 x 70 x 12 L	70 x 70 x 12 L	

TANK SIDE BRACKET

DESCRIPTION	Nº1 HOLD	HOLD	Nº3 HOLD	OTHER PARTS	ENGINE ROOM	BUNKER & BOILER ROOM
BRACKET	12 x 10 F.B.	12 x 10 F.B.	12 x 10 F.B.	12 x 10 F.B.	12 x 10 F.B.	12 x 10 F.B.
CONNECTING BAR	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.
TO MAIN PL.	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.	165 x 12 F.B.
NUMBER OF RIVET	14-22 R.	13-22 R.	15-22 R.	15-22 R.	15-22 R.	15-22 R.
RIVETING LAP	70	70	70	70	70	70
FRAME Nº OF RIVET	14-22 R.	17-22 R.	17-22 R.	15-22 R.	15-22 R.	17-22 R.

UPPER DECK BEAM

DESCRIPTION	SPAN	SCANTLING	BRACKET AND RIVET
FORWARD COLLISION B.W.	3.000	150 x 70 x 12 L	530 x 370 x 8 50 FL 5-14 R.
AFT PEAK TANK TOP	2.800	"	640 x 450 x 7 60 FL 6-14 R.
Nº1 HOLD	3.250	180 x 75 x 7.5 L	530 x 370 x 8 50 FL 5-14 R.
FORWARD OF NØ2 HOLD	3.750	180 x 75 x 7.5 L	1000 x 700 x 12 70 FL 8-22 R.
NØ2 HOLD (IN WAY OF BRIDGE)	"	"	"
BOILER & BUNKER RM.	3.000	"	"
ENGINE RM.	5.000	"	"
NØ3 HOLD (IN WAY OF BRIDGE)	3.750	"	"
AFT PART OF NØ3 HOLD	3.400	"	1000 x 700 x 12 70 FL 8-22 R.
NØ4 HOLD	3.250	"	640 x 450 x 7 60 FL 6-14 R.
OTHER PART	3.250	"	870 x 620 x 10 75 FL 7-22 R.

ERECTION DECK BEAM

DESCRIPTION	SPAN	SCANTLING	BRACKET AND RIVET
F.C.L. DECK	3.500	150 x 70 x 12 L	530 x 370 x 8 50 FL 5-14 R.
BRIDGE DK. (WEATHER PL.)	2.250	150 x 75 x 6.5 C	530 x 370 x 8 50 FL 5-14 R.
DR. (LIVING SPACE)	4.500	"	110 x 500 x 8 50 FL 4-14 R.
POOP DECK	3.500	125 x 75 x 10 L	110 x 500 x 8 50 FL 4-14 R.
DECKANT BEAM	2.000	125 x 7 F.B.	"

SINGLE SCREW CARGO BOAT

CLASS	1st CLASS	CLASS 100A1
CONSTRUCTION	FILL	SCANTLING
NAVIGATION AREA	OCEAN	GOING AREA
SEA SPEED	12 K	

PRINCIPAL DIMENSION

LENGTH (OVERALL)	112.77
" (P.P.)	105.00
BREADTH (MID)	15.50
DEPTH (")	8.00
LOAD DRAFT (FROM TOP OF KEEL)	6.80

DECK HEIGHT

TWEEN DECK HEIGHT	2.500 M
F.C.L. "	2.100 "
BRIDGE "	2.400 "
POOP "	2.150 "
PROMENADE DECK HEIGHT	2.200 "
BOAT "	2.200 "

FORGING AND CASTING

STERN FRAME	CAST STEEL AS PER PLAN
RUDDER	DOUBLE PLATE BALANCED RUDDER
	UPPER AND LOWER PART OF RUDDER CAST STEEL
	RUDDER STOCK FORGED STEEL
STEM	LOWER PART CAST STEEL

2ND DECK BEAM

DESCRIPTION	SPAN	SCANTLING	BRACKET AND RIVET
THROUGH BEAM	3.200	150 x 70 x 12 L	530 x 370 x 8 50 FL 5-14 R.
HALF "	2.500	"	640 x 450 x 7 60 FL 6-14 R.
FOR PEAK TANK TOP	2.000	125 x 75 x 10 L	640 x 450 x 7 60 FL 6-14 R.

BULWARKS

DESCRIPTION	UPPER DECK
BULWARK PL.	7
HAND RAIL	180 x 75 x 7.5 L
STAY	9 75 FL
SPACE	1400

PROMENADE AND BOAT DECK

DESCRIPTION	PROMENADE DECK	BOAT DECK	REMARKS
STRINGER PLATE	7	7	
" (ABREAST OPENING)	65 x 65 x 8 L	65 x 65 x 8 L	
STEEL PL. (ABREAST OPENING)	6	6	
DECK PLANK	65 (5-FT)	65 (5-FT)	

EQUIPMENTS

DESCRIPTION	Nº	
BOWER ANCHORS (STOCKLESS)	2	2710 Kg @
SPARE ANCHOR (")	1	2710 Kg
STREAM " (ORDINARY)	1	760 Kg (EX STOCK)
BOWER ANCHOR CABLE	2	1/2" 36 x 17.5 M
STREAM " WIRE ROPE	1	1/2" 36 x 17.5 M
TOW LINE	1	" x 220 M
HAWSER (WIRE ROPE)	2	20" x 165 M
" (MANILA ROPE)	2	55" x 165 M

ERECTION DECK

DESCRIPTION	F.C.L. DECK	BRIDGE DECK	POOP DECK	REMARKS
STRINGER PL.	850 x 10	1200 x 11	850 x 7	14 AT BREAKS (BRIDGE 200)
" ANG	70 x 90 x 10 L	90 x 90 x 10 L	75 x 75 x 9 L	150 x 150 x 15 L BR.
STEEL PL. (ABREAST OPENING)	8	10	7	
" (ABREAST OPENING)	8	8	8	
DECK COMPOSITION		25 (LIVING SPACE)		

UPPER DECK

DESCRIPTION	1/2 L	AT ENDS	IN WAY OF BRIDGE	REMARKS	BUTT LAP
STRINGER PL.	1600 x 20	1000 x 10	1600 x 12-14	25 DPL 12 AT BREAKS	4-ROW
" ANG	200 x 200 x 24	90 x 90 x 10 L	90 x 90 x 10 L	200 x 200 x 24 AT BREAKS	
STEEL PL. (ABREAST OPENING)	18-16	8	10-7		4-ROW
" (ABREAST OPENING)	9	"	10-8		

SHELL PLATING

DESCRIPTION	1/2 L	AT ENDS	REMARKS	BUTT LAP
FLAT PLATE KEEL (K)	1400 x 18	18		4-ROW
BOTTOM PLATE (A-E)	16	12		4-3-ROW
BOTTOM PL. FORWARD 1/2 L	16	16		3-ROW
SIDE PLATE (F-H)	14	12		3-2-ROW
BELOW SHEER STRAKE (I)	18	12		4-3-ROW
SHEER STRAKE (J)	1500 x 20	12	14 (IN WAY OF BRIDGE)	4-3-ROW
BRIDGE SIDE PLATE	14	12	25 DPL 12 AT BREAKS	3-ROW
F.C.L. "	"	10		1-ROW
POOP "	"	9		"
BOSS PL.	"	16		3-ROW
PL. FITTED TO STERNFR.	"	14		"

FRAME

DESCRIPTION	FR. SPACE	HOLD FR.	TWEEN DECK FR.	ERECTION FR.	REMARKS
CANT. FR.	610	180 x 75 x 7.5 L		150 x 70 x 12 L	
AFT PEAK TANK	"	200 x 70 x 10 L			
NØ4 CARGO HOLD	610-700	200 x 70 x 10 L			
TUNNEL RECESS	700	"			
DEEP TANK	"	"			
NØ3 CARGO HOLD (25 M)	"	270 x 70 x 12 L		180 x 75 x 7.5 L (AT ENDS)	
ENGINE ROOM	"	"		150 x 75 x 7.5 L (OTHERS)	
BOILER & BUNKER RM.	"	300 x 70 x 12 L			
NØ2 CARGO HOLD (25 M)	"	270 x 70 x 12 L			
NØ1 CARGO HOLD	610-700	250 x 70 x 12 L	180 x 75 x 7.5 L	150 x 70 x 12 L	
FOR PEAK TANK	610	200 x 70 x 10 L		150 x 75 x 6.5 C	

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MIDSHIP

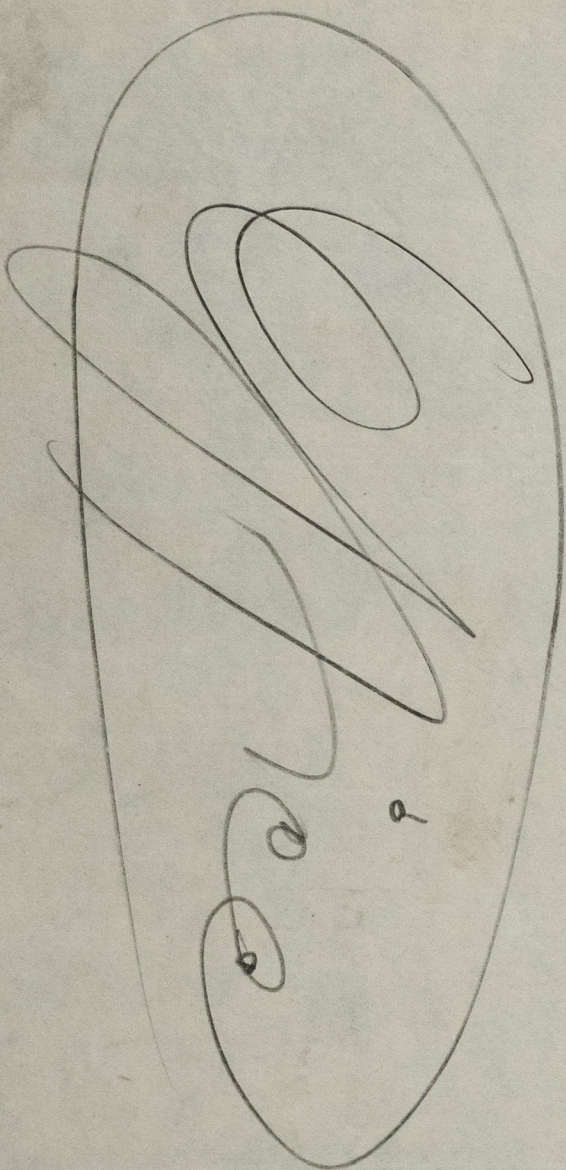
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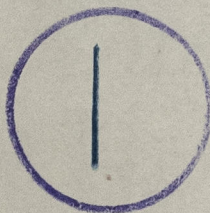
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"FUJI MARU" ★

Midship section

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