

PRINCIPAL PARTICULARS	
CLASS	"COASTING SERVICE"
LENGTH ALL	46.790 (15'-6 1/2")
LENGTH PP	42.500 (139'-5 1/2")
BREADTH MLD	8.240 (27'-0 3/4")
DEPTH MLD	3.158 (10'-4 1/2")
DRAFT MLD (DESIGNED)	2.218 (7'-3 3/8")
TWEEN DECK HEIGHT	
F'CLE DECK	2.150 (7'-0 3/4")
BRIDGE DECK	2.150 (7'-0 3/4")
RAISED QUARTER DECK	1.000 (3'-3 3/8")
BOAT DECK	2.150 (7'-0 3/4")
NAVIGATION BRIDGE DIS.	2.150 (Do)
WHEEL HOUSE	2.150 (Do)

CASTING	
STERN FRAME	CAST STEEL
RUDDER STOCK TUBE	CAST STEEL

SHELL PLATING	
FLAT KEEL	1.400 x 11
BOTTOM	8.5
D2 FOREPEAK	11
SIDE	8
SHEER STRAKE	12-8
BOSS PLATING	9.5
F'CLE SIDE	7-6
BRIDGE	8
BOAT DECK	6-7
BULWARK	6

FRAMES	
FRAME SPACE	600 & 530
HOLD	100 x 75 x 10 A
ENGINE RM	125 x 75 x 10 A
FORE & AFT PEAK	100 x 75 x 10 A
WEB FRAME	200 x 90 x 9/16 S&CH ENG RM 250 x 90 x 12 BA HOLD

SINGLE BOTTOM	
CENTER KEELSON	
PLATE	410 x 8.5
FOUNDATION PL	600 x 9
TOP ANGLE	75 x 75 x 9 D.A
BOTTOM ANGLE	D WELD
VERT ANGLE	75 x 75 x 9 D.A
SIDE KEELSON	
RIDER PLATE	190 x 7
INTERCOSTE PL	7.75 FL
SHELL ANGLE	D WELD
FLOOR PLATE	7.5
FRAME	5-16 RIV
REV FRAME	6 75 x 75 x 9 A 75 FL

EQUIPMENT NUMERAL	
$L \times (B+D) = 139.42 \times (27.00 + 10.36) = 5208.731$	
F'CLE	$= \frac{3}{4} \times 19.10 \times 7.06 = 101.135$
BRIDGE	$= \frac{3}{4} \times 25.60 \times 7.06 = 135.552$
RAISED DECK	$= \frac{3}{4} \times 41 \times 3.28 = 134.5$
BOAT DECK	$= \frac{1}{2} \times 24.45 \times 7.06 = 86.309$
NAV BRIDGE	$= \frac{1}{2} \times 25.60 \times 7.06 = 90.368$
WHEELHOUSE	$= \frac{1}{2} \times 13.80 \times 7.06 = 48.714$
TOTAL	5805.309

EQUIPMENT LIST	
2-BOWER ANCHORS	BOTH 90 WTS (STOCKLESS)
1-STREAM ANCHOR	3 C.WTS (EX STOCK)
STUD CHAIN CABLES	1-1" x 165 FMS
1-FREXLE WIRE ROPE FOR ST. ANCHOR	1-2 1/2" x 45 FMS
1-FREXLE WIRE ROPE FOR TOW LINE	1-2 1/2" x 75 FMS
1-FREXLE WIRE ROPE FOR HAWSERS	1-2" x 90 FMS

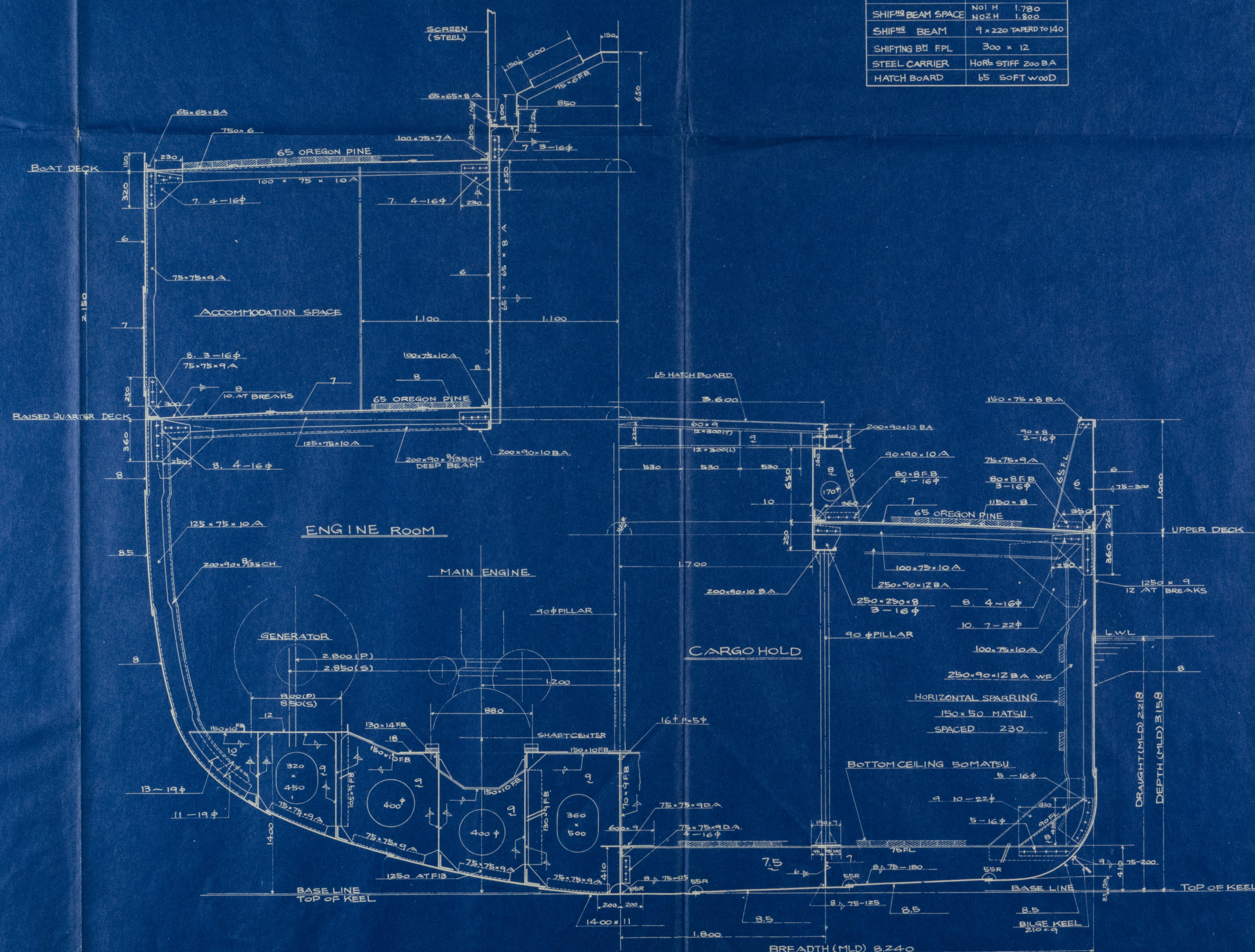
UPPER DECK	
STRINGER PLATE	1.150 x 10-8
STRINGER ANGLE	90 x 90 x 10 A 75 x 75 x 9 A
STEEL DECK	8.7.6.
DECK GIRDER	2 ROW (AS PER PLAN)
THROUGH BEAM	125 x 75 x 10 A
HALF BEAM	100 x 75 x 10 A
BEAM KNEE	360 x 250 x 8 250 x 100 x 12 BA (HOLD)
DEEP BEAM	200 x 90 x 9/16 S&CH (ENG RM)
DECK PLANK	65 OREGON PINE

ENGINE CASING	
DECK ANGLE	BOAT DECK 100 x 75 x 7 A RAISED DECK 100 x 75 x 10 A
STIFF	65 x 65 x 8 A
CASING PL	6 & 8
TOP PLATE	6
BEAM	65 x 65 x 8 A
BEAM KNEE	250 x 300 x 7

SUPER STRUCTURE					
	BRIDGE	F'CLE	BOAT DECK	NAV BRIDGE	TOP OF NAV BRIDGE
SIDE FRAME	100 x 75 x 10 A 75 x 75 x 9 A	75 x 75 x 9 A	75 x 75 x 9 A	75 x 75 x 9 A	NON
STRINGER PL	800 x 7	700 x 7	750 x 6	1500 x 6	1500 x 6
STRINGER ANG.	75 x 75 x 9 A	65 x 65 x 8 A	65 x 65 x 8 A	65 x 65 x 6 A	65 x 65 x 6 A
STEEL DECK	6.7 TIE PL	6.7	6	6.7 TIE PL	6 TIE PL
DECK GIRDER	1 ROW	1 ROW	1 ROW	1 ROW	1 ROW
BEAM	125 x 75 x 10 A	100 x 75 x 10 A	100 x 75 x 10 A	100 x 75 x 10 A	75 x 75 x 9 A
BEAM SPACE	600	530 & 520	530 & 600	600	600
BEAM KNEE	360 x 250 x 8	320 x 230 x 7	320 x 230 x 7	320 x 230 x 7	250 x 200 x 7
DECK PLANK	45 TEAK	50 TEAK	65 OREGON PINE	50 OREGON PINE	38 TEAK
END BMD	FORE 8 AFT 6	6	8	FORE 6 AFT 5	FORE 6
END BMD STIFF	FORE 100 x 75 x 10 A AFT 75 x 9 FB	65 x 65 x 8 A	75 x 75 x 9 A	FORE 75 x 9 FB AFT 65 x 8 FB	FORE 75 x 9 FB

BILGE KEEL	
LENGTH	13200 (22 FS)
PLATE	210 x 9
FACE BAR	50 x 11 FB

HATCH	
L x B	N01 H 5330 x 3400 N02 H 5400 x 3400
DECK ANGLE	90 x 90 x 10 A
COAMING PL	10
HORIZONTAL STIFF	200 x 90 x 10 BA
SHIPING BEAM SPACE	N01 H 1.750 N02 H 1.800
SHIPING BEAM	9 x 220 TAPER TO 140
SHIFTING BM FPL	300 x 12
STEEL CARRIER	HORL STIFF 200 BA
HATCH BOARD	65 SOFT WOOD



MS. BANDOON 1  
NO. 30-31

395.18 G.T.  
TWIN SCREW  
CARGO MOTOR SHIP

MIDSHIP SECTION

FINAL PLAN

SHIP NO 30. 31

SCALE 1" = 25' DATE 1. SEPT. '51

NANAO SHIPYARD & ENGINE WORKS  
EAST JAPAN HEAVY INDUSTRIES, LTD.

ENGINEERING DIVISION

CHECKED BY *H. L. Lata*

DRAWN BY *J. Yamaguchi*

TRACED BY

PRINT ISSUED

TOTAL

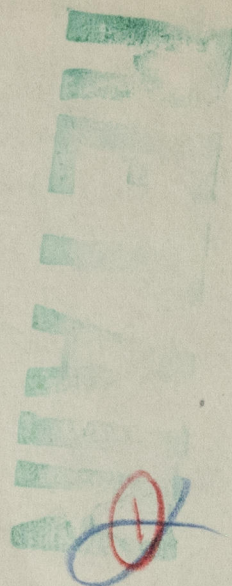
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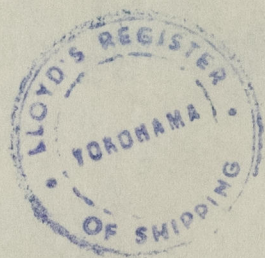


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Bandon I

Yka F.E. Rpt no. 595

Midship Section



A. Magami



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Lloyd's Register  
Foundation

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