

S.S. "ATLAS MARU."

MIDSHIP SECTION.

SCALE 1/2 INCH TO ONE FOOT.

EQUIPMENT NUMBER.

L x (B x D)	420' x (56' + 30' 5")	36,330.00
TWEEN DECK & FOLE (420' x 8' 14" (3' 7.5") x 1/4)		2,781.56
DECK ERECTIONS (275' x 8' + 725' x 8' + 322' x 8' + 1/4)		520.94
		39,632.50

EQUIPMENTS.

3 BOWER ANCHORS (STOCKLESS)	64% CWT'S EACH
1 STREAM " (ORDINARY)	19 " EX. STOCK
1 KEDGE " (ORDINARY)	8 " " "
STUD CHAIN CABLE	2 1/2" DIA 210 FMS.
STEEL WIRE (FOR STREAM)	5", 90 FMS.
" (TOW LINE)	5 1/2", 120 FMS.
" (HAWSEERS)	2-2 3/4", 90 FMS EACH.
MANILA ROPE (WARP)	2-7", 30 FMS EACH.

PRINCIPAL DIMENSIONS.

LENGTH B.P.	420' 0"
BREADTH MLD.	56' 0"
DEPTH MLD.	28' 6"
DEPTH TO SHELTER DECK.	38' 6"

SCANTLING NUMBERS.

B.	56
Q ₂ TO SH. DECK - 8'	+ 30.5
	86.5 TRANSVERSE NUMBER
L	x 420
	36,330 LONGITUDINAL NUMBER.
'd	24' 10"
	-16' 1/2" EXCESS OF HEIGHT OF TANK SIDE BRACKET.
	24' 0" FOR FRAME
'd ABOVE TUNNEL RECESS	14' 4"
PROPORTION.	
1/2 TO UPPER DECK	14.74
" TO SHELTER DECK	10.91
LLOYD'S CLASS	100 A 1

STEM 10 1/2" x 2 1/2" FORGED STEEL
 STERN FRAME PROPELLER POST 10 1/2" x 8", RUDDER POST 9" x 8"
 CAST STEEL AS PER PLAN
 RUDDER SINGLE PLATE TYPE AS PER PLAN
 FRAMING:-
 SPACING 30" APART FROM AFT PEAK BMD TO 3/4 L & FORWARD
 27" " " 3/4 L & FORWARD TO COL. BMD
 24" " " IN BOTH PEAKS.
 FRAME IN AFT PEAK 8' x 3 1/2" x 4 1/2" B.A. EXTENDED TO UPPER & SHELTER DECK. ALTERNATELY, INTERMEDIATE FRAMES 5' x 3 1/2" x 50" A. IN WAY OF TUNNEL RECESS 8' x 3 1/2" x 50" B.A. FRAMES EXTENDED TO SHELTER DECK 3 1/2" x 3 1/2" x 40" A. REVERSED FRAMES, EXTENDED TO UPPER DECK.
 IN FORE PEAK 8' x 3 1/2" x 4 1/2" B.A. MAIN FRAMES EXTENDED TO FOLE DECK AND SHELTER DECK ALTERNATELY
 INTERMEDIATE FRAME 5' x 3 1/2" x 50" ANGLE SCARPHED TO MAIN FRAME.
 ELSEWHERE 9' x 3 1/2" x 52" B.A. FRAMES, EXTENDED TO SHELTER DECK (FOLE DECK AND SHELTER DECK ALTERNATELY IN WAY OF FOLE) INTERMEDIATE ANGLE SCARPHED TO MAIN FRAME IN WAY OF FOLE.
 5' x 5" x 50" A. REV. FRAMES EXTENDING TO UPPER DECK, FOR SHOPS 317-3-0 SEE SKETCH.

WEB FRAMES TO BE FITTED IN MACHINERY SPACE, DEEP TANK & FORE HOLD.
 FLOOR PLATE IN PEAK 4' 0" x 4' 0"
 TRANSOM PLATE 4' 8" x 4' 8"

WATERTIGHT BULKHEAD:-

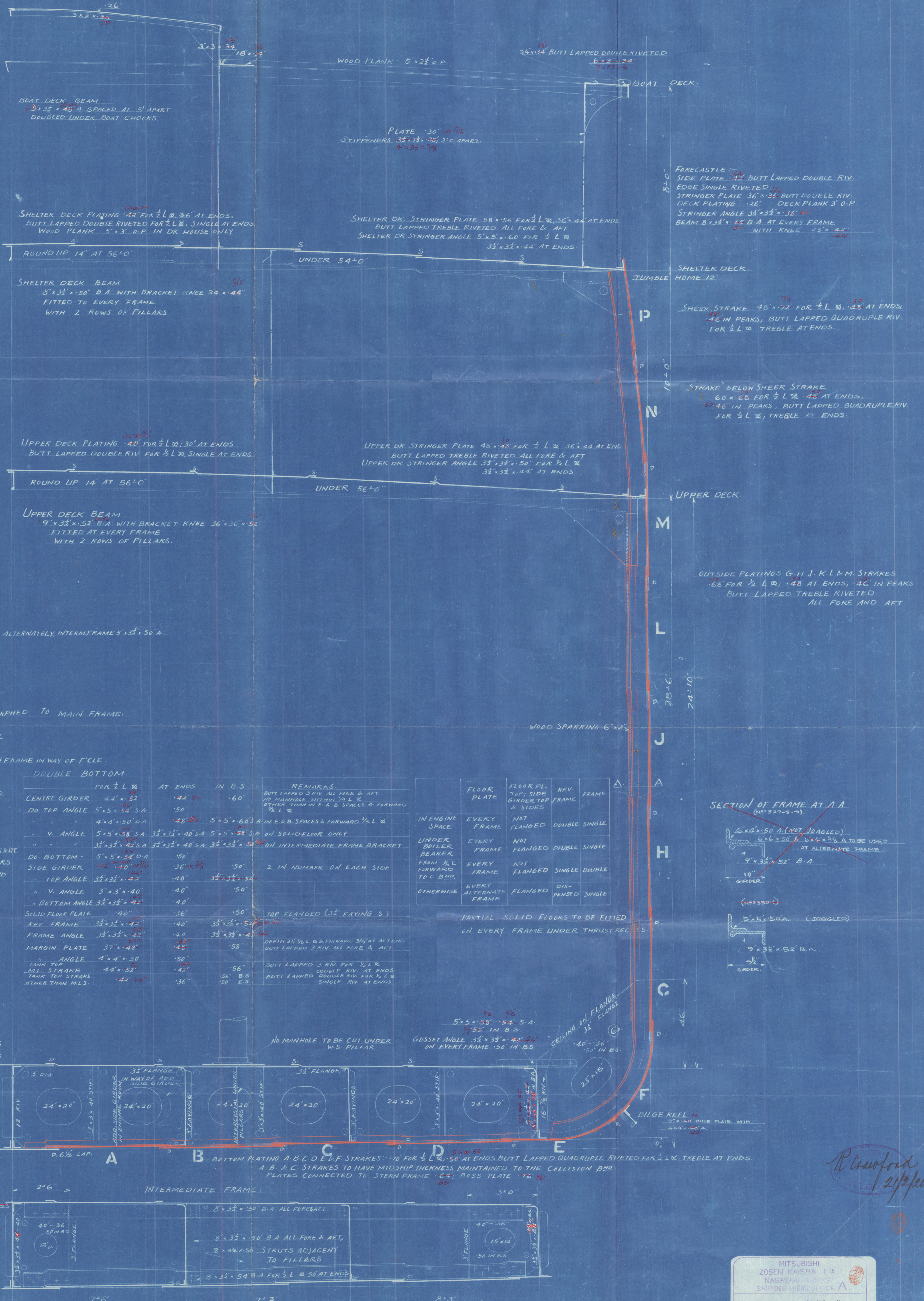
5 IN NUMBER ALL EXTENDING TO SHELTER DECK EXCEPT AFT. PEAK & BT. BULKHEADS, WHICH STOPS AT UPPER DECK. VERTICAL STIFFENERS TO BE SPACED 30" APART THROUGHOUT IN HOLD AND TWEEN DECK, AND 24" ON COLLISION, DEEP TANK & AFT PEAK TANK BMD. ALL HOLD STIFFENERS TO BE BRACKETED AT HEADS AND HEADS.

BULKHEAD IN HOLD

FRAME NO.	THICK OF PLATE AT TOP	CONNECTING ANGLE (SINGLE)	VERTICAL BUILT STIFFENERS
10	30"	4' 4" x 3' 5" S 5' 5" x 5' 5" S	5' x 3 1/2" x 56" B.A. 4' x 4' x 50" S
34	30"	4' 4" x 3' 5" S 5' 5" x 5' 5" S	5' x 3 1/2" x 56" B.A. 4' x 4' x 50" S
51	30"	3' 3" x 4' 0" S 5' 5" x 5' 5" S	4' 4" x 5' 0" S 4' x 4' x 50" S
62	30"	3' 3" x 4' 0" S 5' 5" x 5' 5" S	4' 4" x 5' 0" S 4' x 4' x 50" S
83	30"	4' 4" x 3' 5" S 5' 5" x 5' 5" S	5' x 3 1/2" x 56" B.A. 4' x 4' x 50" S
104	30"	4' 4" x 3' 5" S 5' 5" x 5' 5" S	5' x 3 1/2" x 56" B.A. 4' x 4' x 50" S
133	30"	4' 4" x 3' 5" S 5' 5" x 5' 5" S	5' x 3 1/2" x 56" B.A. 4' x 4' x 50" S
142	30"	4' 4" x 3' 5" S 5' 5" x 5' 5" S	5' x 3 1/2" x 56" B.A. 4' x 4' x 50" S
164	30"	4' 4" x 3' 5" S 5' 5" x 5' 5" S	5' x 3 1/2" x 56" B.A. 4' x 4' x 50" S

COLLISION BMD STIFFENERS IN UPPER TWEEN DECK 4' x 3' x 44" A. DO. LOWER 5' x 3' x 48" A.

AFT PEAK BMD STIFFENERS 9' x 3 1/2" x 56" B.A. 4' 1/2" x 4' 1/2"
 TWEEN DECK BMD PLATE 28" STIFFENERS 4' x 3' x 44" A.
 SPACED 30" - 24" IN PEAK BULKHEADS.
 DEEP TANK BMD (FMS 518.62) STIFF SPACED 24" 1 INHOLD 28" STIFF. PL. BMD BAR 3' x 3' x 5' 5" S
 SHAFT TUNNEL FLAT PLATE 16", CURVED PLATE 38", AND 42"
 UNDER HATCHWAYS
 STIFFENERS 5' x 3 1/2" x 48" ANGLE WITH REVERSED BAR 3' x 3' x 50" ANGLE AT 36" SPACE
 FLAT PLATE KEEL 48" x 1/2" WITH DOUB. BUTT LAPPED KEEL & KEEL DOUBLING PLATE SINGLE STRAP TREBLE RIVETED BUTT LAPPED TREBLE RIVETED AT ENDS.



MITSUBISHI
 ZOSEN KAKIYA LTD
 NAGASAKI JAPAN
 SHIP DESIGNER'S OFFICE
 Drawn by: Fushikawa
 Traced by: [blank]
 Checked by: [blank]
 Approved by: [blank]
 Designer's Office: JAN 31 1970

Midship Section.

S. S. No. 330.

Mitsubishi Zosen Kaisha.

Nagasaki Report No. 1278.

"Atlas Maru"



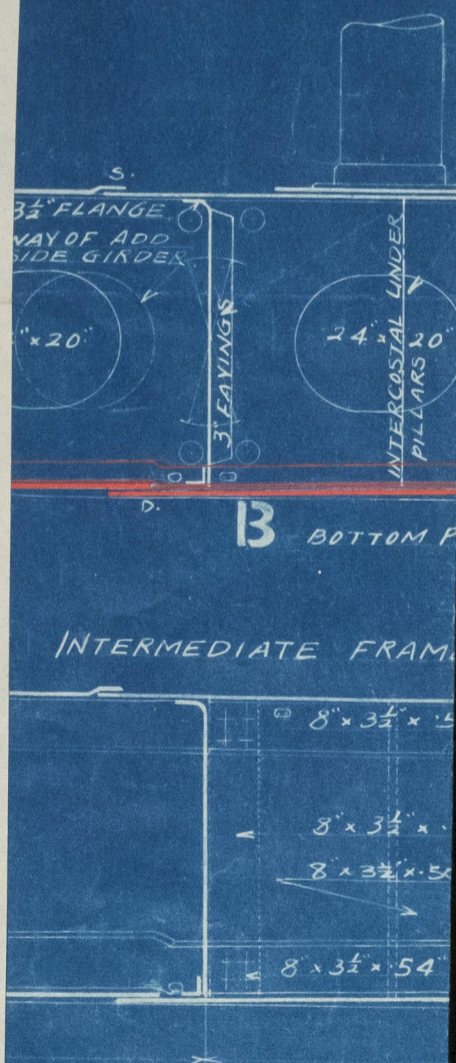
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