

N.B. - SCANTLINGS GIVEN WITHOUT UNIT ARE IN "/>

LLOYD'S CLASS 100 A 1 "WITH FREEBOARD"

PRINCIPAL DIMENSIONS		
LENGTH P.P.	140' 0"	42.67'
BREADTH MOULDED	19' 0"	5.79'
DEPTH MOULDED TO UPPER DECK	12' 3"	3.76'
LOADED DRAUGHT WITH TONNAGE OPENING	8' 4 1/2"	2.55'
DEPTH "D" FOR SCANTLING NUMERALS	12' 3"	3.76'
DESIGNED DRAUGHT 8' 7" WHEN TONNAGE OPENING CLOSED		

SCANTLING NUMERALS		
IN LONGITUDINAL NUMERAL	L.D. = 140/123 = 1.138	
2ND	L.C. = 140/123 = 1.138	
PROPORTION TO UPPER DECK	L/D = 140/123 = 1.138	
FRAMING DEPTH (IN) IN CARGO HOLD	(ACTUAL) 5.515 M	
" " (IN) IN ENGINE ROOM	(ACTUAL) 5.34 M	

EQUIPMENT NUMBER		
1. (B.D.)	140 = 313	4.382
F.C.L.	11.9 + 2.21 = 1/2	20
UPPER DECK HOUSE	30 + 2.6 = 1/2	39
BRIDGE DECK HOUSE	2.97 + 2.6 = 1/2	39
BOAT DECK HOUSE	10.7 + 2.75 = 1/2	15
SUM		4.495

EQUIPMENTS		
3-BOWER ANCHORS STOCKLESS	12.455'	
1-STREAM ANCHOR ORDINARY (EX STOCK)	1.651'	
STUD CHAIN CABLE	550' - 60 DIA.	
STEEL WIRE ROPE FOR STREAM ANCHOR (SPECIAL)	225' - 38 DIA.	
TOWLING STEEL WIRE ROPE (SPECIAL)	280' - 44 DIA.	
MAWSE STEEL WIRE ROPE (SPECIAL)	3 - 185 M - 24 DIA.	
WARDS (MANUAL)	4 - 185 M - 65 DIA.	
WARDS STEEL WIRE ROPE (SPECIAL)	2 - 185 M - 27 DIA.	
SPECIALLY INCREASED IN NUMBER & SIZE TO OWNER'S REQUIREMENTS		

FORGING & CASTING		
STEM - FORGED STEEL WITH FASHION PLATE	AS PER PLAN (RULE SIZE 248 + 70)	
STERN FRAME - STEEL CAST (RULE SIZE 230 + 230)		
RUDDER - STEEL CAST (RULE SIZE 243 + 230)		
DETAILS AS PER PLAN		

KEEL & SHELL PLATING		
KEEL PLATE	1400 x 22.5 - 20	
BOTTOM	18 - 13.5	
SIDE	17.5 - 12.5	
ROSE	20	
F.C.L. SIDE PLATE	11	
SHEER STRAKE (RULE SIZE 1320 + 200)	1300 + 215 - 12.5	
STRAKE BELOW	1320 + 190	1300 + 175 - 12.5
SIDE PLATE IN WAY OF FORE PEAK TANK (NO SHELL LUGS PER 15.5)		
" " (NO P.S. ABOARD COLLISION B.P.)	185 - 15.5	

ENGINE CASING		
COAMING PLATE	75 C.E.S. WHERE EXPOSED	
CASING	6.5 (7.5)	
COAMING ANGLE	75 + 75 + 9 A	
STIFFENERS	75 + 65 + 8 A	
SPACING	ABOUT 800	

BILGE KEEL		
LENGTH	ABOUT 34 M. MIDSHIPS	
PLATE	210 x 12.5 WITH 60 SOLUB. B. (WELDED)	
CONNECTING BAR	130 x 130 + 12 A	
DEPTH OF KEEL	330	

DOUBLE BOTTOM		
PLATE	1185 + 145 - 12.5	1860 + 145
KEEL ANGLE	130 + 130 + 130 A	130 + 130 + 130 A
TOP	90 + 90 + 130 A	90 + 90 + 130 A
VERT.	90 + 90 + 130 A	130 + 130 + 130 A
PLATE	11.5	11.5
BOTTOM ANG.	90 + 90 + 130 A	90 + 90 + 130 A
TOP	90 + 90 + 130 A	130 + 130 + 130 A
KEEL	75 + 75 + 11 A	130 + 130 + 130 A
PLATE	11.5	11.5
SOLID FLOOR	90 + 90 + 130 A	90 + 90 + 130 A
REV. FRAME	90 + 90 + 130 A	90 + 90 + 130 A
BRACKET PL.	11.5	11.5
OPEN FLOOR	8" 20" + 45 B.A.	8" 20" + 45 B.A.
REV. FRAME	186 + 75 + 95 B.A.	186 + 75 + 95 B.A.
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Nagasaki Report No. 2336.

S. No. 700.
M. S. "AZUMA MARU."
MIDSHIP SECTION.

SCALE 1/25
140M. x 19M. x 12.3M.
(FINISHED PLAN.)

三菱重工業株式會社			
長崎造船所			
造船設計部商船課			
送り先			
課長	檢圖	白河	製圖
出圖番號			
出圖日附			

009301-009310-0071



009301-009310-0071

Lloyd's Register
Foundation