

Rpt. C.11  
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NEFEL-47137

## Lloyd's Register of Shipping.

Index No. ....  
(For London Office only.)

## SURVEYS FOR FREEBOARD.

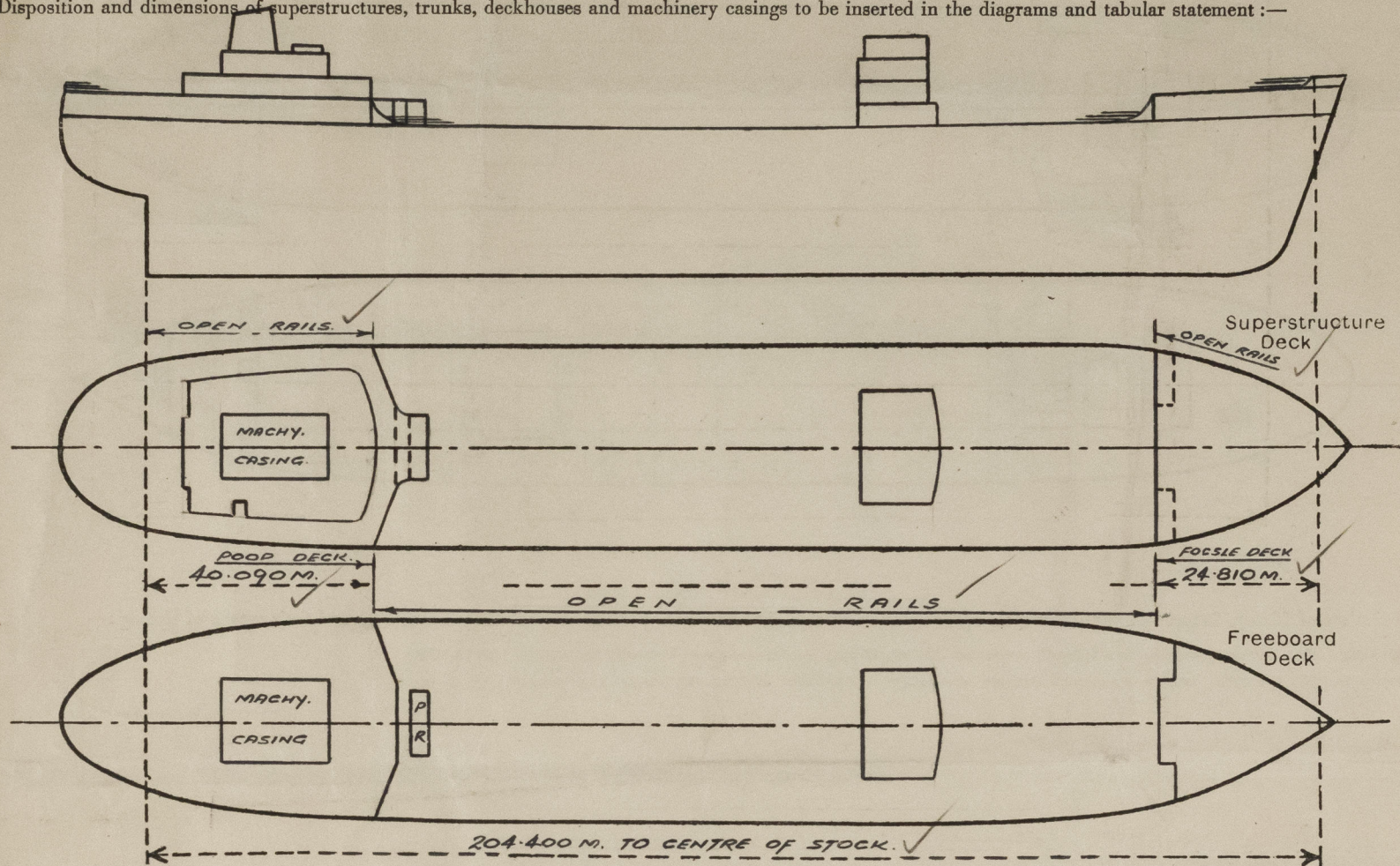
(CONDITIONS OF ASSIGNMENT.)

Ship's Name 'ALTHEA' Port of Survey YOKOHAMA

Official Number 1295 Surveyor's Signature J. Macdonald

Nationality and Port of Registry LIBERIAN. MONROVIA. Date of Survey WHILST BUILDING.

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



Particulars of Superstructures, Trunks, Casings, Deckhouses. [IN MILLIMETRES]								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓	✓	300x90x13x17 T.O.A.	760	WELDED DIRECT TOP + BOTTOM	121600x1250 221520x750	460	2500
Raised Quarter Deck Bulkhead ...	✓							
DECKHOUSE Bridge After Bulkhead ...	75	75	100x75x7 T.O.A.	760	SHAPED	121530x1230 221670x750	380	2400
DECKHOUSE Bridge Forward Bulkhead...	✓	✓	300x90x13x17 T.O.A.	760	WELDED DIRECT TOP + BOTTOM	221670x750	460	2400
Forecastle Bulkhead...	75	75	100x75x7 T.O.A.	760	SHAPED	121530x1230 221670x750	380	2300
MAIN PUMPROOM	✓	✓	300x90x13x17 T.O.A.	700	BKTD. AT TOP WELDED AT BOT.	221670x600	610	2500
AUX. PUMPROOM	75	75	100x75x7 T.O.A.	760	SHAPED	121370x600	610	2300
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...	✓							
Exposed Machinery Casings on Superstructure Decks ...	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓							
Deckhouses on Flush Deck Ships ...	✓							

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	HINGED STEEL W.T. DOORS.	OPERATED BOTH SIDES.	(CLASS 1)
MAIN PUMPROOM ENTRANCE	HINGED STEEL W.T. DOORS.	OPERATED BOTH SIDES.	(CLASS 1)
Raised Quarter Deck Bulkhead ...	HINGED STEEL W.T. DOORS.	OPERATED BOTH SIDES.	(CLASS 1)
DECKHOUSE Bridge After Bulkhead ...	SLIDING STEEL PLATE WITH HOOK BOLTS.	OPERATED BOTH SIDES.	(CLASS 2)
DECKHOUSE Bridge Forward Bulkhead ...	HINGED STEEL W.T. DOORS.	OPERATED BOTH SIDES.	(CLASS 1)
Forecastle Bulkhead...	HINGED STEEL W.T. DOOR.	OPERATED BOTH SIDES.	(CLASS 1)
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...	SLIDING STEEL PLATE WITH HOOK BOLTS.	OPERATED BOTH SIDES.	(CLASS 2)
Exposed Machinery Casings on Superstructure Decks ...	✓		
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓		
AUX. PUMPROOM ENTRANCE	✓		
Exposed Machinery Casings on Flush Deck Ships ...	HINGED STEEL W.T. DOOR.	OPERATED BOTH SIDES.	(CLASS 1)



Althea.

HINGED STEEL W.T. DOOR  
 S.G.  
 OPENING  
 SETT TANK  
 EMERY FIRE PUMP ROOM  
 AFT PERK  
 MACHY. SPACE  
 PUMP ROOM  
 11 10 9 8 7 6 5 4 3 2 1  
 STORE W.B. L.  
 FORE PERK  
 TANK  
 AIR PIPE  
 SCUPPER  
 SIDE SCUTTLE  
 BUTTERWORTH OPENING  
 Superstructure Deck  
 POOP DECK  
 FORECASTLE DECK  
 Freeboard Deck  
 SCREEN BRID  
 10' 10'

Particulars of Flush Bunker Scuttles :—

— NONE. — ✓

POOP DECK: COMPANIONWAYS TO ACCOMMODATION AND STORE SPACES ON UPPER DECK  
ENCLOSED IN STRONG STEEL DECKHOUSE ON POOP DECK.

7 OPENINGS [ 3 @ 1670 x 750 WITH 310 SILL AND 230 INNER SILL, 1 @ 1670 x 600 WITH 310 SILL AND  
230 INNER SILL AND 2 @ 1620 x 760 WITH 460 SILL. ALL CLOSED BY HINGED STEEL W.T. DOORS  
OPERATED BOTH SIDES, ALSO 1 @ 1470 x 760 WITH 310 SILL AND 230 INNER SILL CLOSED BY  
HINGED WOOD DOOR, 51mm THICK OPERATED BOTH SIDES.]

FORECASTLE DECK									
1	2	150 MM DIA	G.V.V	TO	FOOGLS SPACE	8MM CORMING	150 MM HIGH		HINGED W.T. COVER
1	2	150	"	"	POSSIBLE STORE	12	150		
1	2	500	C.V.	"	AUX PUMPROOM	12	1000	(STRAYED)	WOOD PLUG + CANVAS COVER
1	2	500	M.V.	"	"	12	1500	(STRAYED)	SCREW DOWN W.T. COVER
POOP DECK									
1	2	800 MM DIA	M.V.	TO	MAIN PUMPROOM.	10 MM CORMING	3000 MM HIGH	(STRAYED)	AIR TIGHT DAMPER ONLY
1	2	600	M.V.	"	"	10	3000	"	"
1	2	600	C.V.	"	"	10	3500	"	"
1	2	300	M.V.	"	DRYING ROOM	10	750	"	"
1	2	200 X 100	G.N.V.	"	STORES, TOILETS ETC.	10	750	"	"
1	2	400 MM DIA	C.V.	"	\$G. COMP.	10	1000	(STRAYED)	WOOD PLUG + CANVAS COVER

FORECASTLE DECK:				POOP DECK:			
2 @ 100 MM DIA.	457 MM	HIGH TO	FORE PEAK	4 @ 100 MM DIA	457 MM	HIGH TO	D.B. FW TANKS
4 @ 130			W.B. TANKS	2 @ 100			D.B. W.B TANK
2 @ 130			OF W.B TANKS.	3 @ 50			COFFERDAMS
				1 @ 100			AFT PEAK
				1 @ 80			"
				1 @ 50			TRANSOM SPACE
				2 @ 80			T.O. FW TANKS.

ALL AIR PIPES PROVIDED WITH COPPER BALL TYPE  
CLOSING APPLIANCES AND HINGED STEEL COVERS  
AIR PIPES TO OIL FUEL TANKS AND COFFERDAMS  
ALSO PROVIDED WITH WIRE GAUZES.

— NONE. —

FORECASTLE DECK : DRAINED BY 2-130 MM DIA SCUPPERS DISCHARGING ON TO UPPER DECK AND 2-50 MM DIA SCUPPERS DISCHARGING OVERBOARD THROUGH OPEN BEND. ✓

UPPER DECK : DRAINED BY 8-160 MM DIA SCUPPERS DISCHARGING OVERBOARD THROUGH OPEN BENDS. ✓

POOP DECK : DRAINED BY 8-80 MM DIA SCUPPERS DISCHARGING OVERBOARD THROUGH OPEN BENDS AND 4-80 MM DIA SCUPPERS DISCHARGING ON TO UPPER DECK. ✓

BRIDGE AND POOP ACCOMMODATION : ALL WASHBASINS, SCUPPERS AND W.C.'S DISCHARGE OVERBOARD THROUGH N.R.V.'S

FORE PEAK STORE AND CHAIN LOCKER : DRAINED BY WATER OPERATED EJECTOR SYSTEM DISCHARGING OVERBOARD THROUGH S.D.N.R.V. ✓

S.G.FLAT, TRANSOM SPACE AND EMERGENCY FIRE PUMP ROOM : DRAINED BY HANDPUMP DISCHARGING OVERBOARD THROUGH S.D.N.R.V. ✓

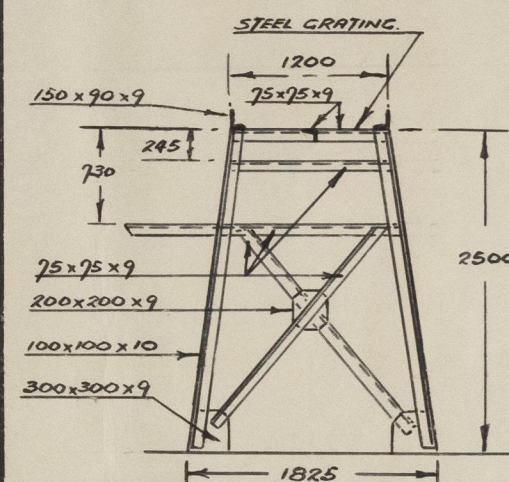
FORECASTLE AND BRIDGE DECKHOUSE SPACE, POOP ENTRANCES, THERMOTANK ROOM, LAUNDRY, MAIN AND AUXILIARY PUMPROOM ENTRANCES : DRAINED BY 3/4" DIA HOLES IN END BULKHEADS FITTED WITH SCREWED BRASS PLUGS WITH CHAIN ATTACHMENTS. ✓

POOP ACCOMMODATION : 400 MM DIA, 350 MM DIA AND 250 MM DIA OPENING BRONZE SIDESCUTTLES  
FITTED WITH HINGED MALLEABLE CAST IRON DEADLIGHTS.

Vertical distance of Sill of lowest Side Scuttle above top of keel NONE BELOW FREEBOARD DECK

<u>FORECASTLE DECK</u>	: 3	GUARD RAILS WITH STANCHIONS 1100 MM HIGH SPACED 1500 MM APART
<u>UPPER DECK</u>	: 3	" " " " " " " " " " " "
<u>POOP DECK</u>	: 3	" " " " " " " " " " " "
<u>E &amp; A GANGWAY</u>	: 2	" " " " " " " " " " " "

GANGWAY FITTED ON UPPER DECK BETWEEN BRIDGE DECKHOUSE AND POOP AS SHOWN IN SKETCH. GANGWAY OF ALL WELDED CONSTRUCTION. UPRIGHTS SPACED 3000 MM APART WITH G FORE AND AFT BRACINGS. BRACINGS CONSTRUCTED OF 75x75x9 O.A. BRACKETED AT CORNERS AND AT JUNCTION OF BRACING.




Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ... ..	} OPEN RAILS ✓					
Forward well ... ..						

State position of each freeing port ... .. { After Well :— ✓  
(F. and A. position and height above deck edge) { Forward Well :— ✓

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :— ✓

Additional area where sheer is less than standard.



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# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. [IN MILLIMETRES]											
UPPER DECK											
POOP DECK											
Description of Hatchway	...	...	...	...	...	...	...	...	...	...	...
Dimensions of Hatchway	...	...	...	...	...	...	...	...	...	...	...
COAMINGS	Height above Deck	...	...	...	...	...	...	...	...	...	...
	Thickness {Sides	...	...	...	...	...	...	...	...	...	...
	Thickness {Ends	...	...	...	...	...	...	...	...	...	...
	Stiffeners...	...	...	...	...	...	...	...	...	...	...
	Brackets, Stays	...	...	...	...	...	...	...	...	...	...
HATCH BEAMS	Number ...	...	...	...	...	...	...	...	...	...	...
	Spacing ...	...	...	...	...	...	...	...	...	...	...
	Scantling and Sketch	...	...	...	...	...	...	...	...	...	...
	Bearing Surface	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...
FORE AND AFTERS	Number ...	...	...	...	...	...	...	...	...	...	...
	Spacing ...	...	...	...	...	...	...	...	...	...	...
	Unsupported Lengths	...	...	...	...	...	...	...	...	...	...
	Scantling* and Sketch	...	...	...	...	...	...	...	...	...	...
	Bearing Surface	...	...	...	...	...	...	...	...	...	...
HATCH COVERS	Material ...	...	...	...	...	...	...	...	...	...	...
	Thickness ...	...	...	...	...	...	...	...	...	...	...
	How fitted	...	...	...	...	...	...	...	...	...	...
	Bearing Surface...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...
Spacing of Cleats	...	...	...	...	...	...	...	...	...	...	...
Number of Tarpaulins...	...	...	...	...	...	...	...	...	...	...	...
*Are wood fore and afters steel shod at all bearing surfaces? ✓ Are battens and wedges efficient and in good condition? ✓ Are tarpaulins in good condition and in accordance with rule requirements? ✓ Are lashings provided in accordance with rule requirements? ✓											

Particulars of any special features :—

**BUTTERWORTH OPENINGS** : 318 MM DIA. OPENINGS CLOSED BY CAST BRONZE STIFFENED COVERS 10 MM THICK SECURED BY 10 — 3/4" DIA. BRASS BOLTS TAPPED INTO STEEL PAD WELDED TO DECK. OPENINGS ARE IN APPROVED POSITIONS AND COMPENSATION PROVIDED.

**AUX. PUMPROOM SKYLIGHT** : [ON FORECASTLE DECK]. COAMING 610 MM HIGH x 9.5 MM THICK. OPENINGS [2 off AT 800 x 450] CLOSED BY HINGED STEEL W.T. COVERS WITHOUT LIGHTS.

**MAIN PUMPROOM SKYLIGHT** : [ON PUMPROOM TOP]. COAMING 460 MM HIGH x 9.5 MM THICK. OPENINGS [4 off AT 700 x 600] CLOSED BY HINGED STEEL W.T. COVERS HAVING STRONG FIXED LIGHTS WITH HINGED STEEL DEADLIGHTS.



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