

Lloyd's Register of Shipping.

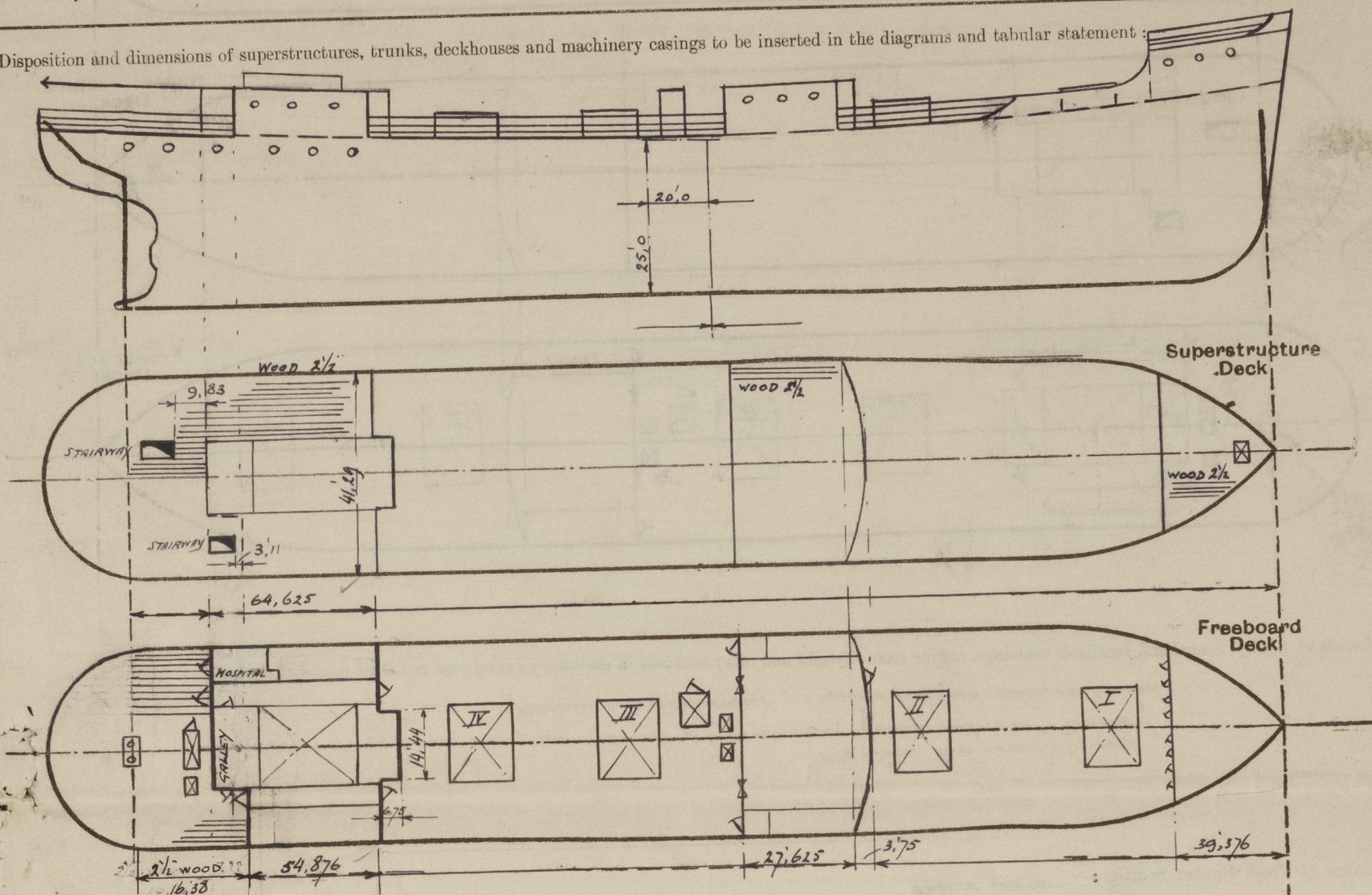
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

NOV 18 1938

Ship's Name **"CRISTA"** Port of Survey **ROTTERDAM**
 Official Number **?** Surveyor's Signature *H. van der Neel*
 Nationality and Port of Registry **BRITISH - LONDON** Date of Survey **NOVEMBER 1938**

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



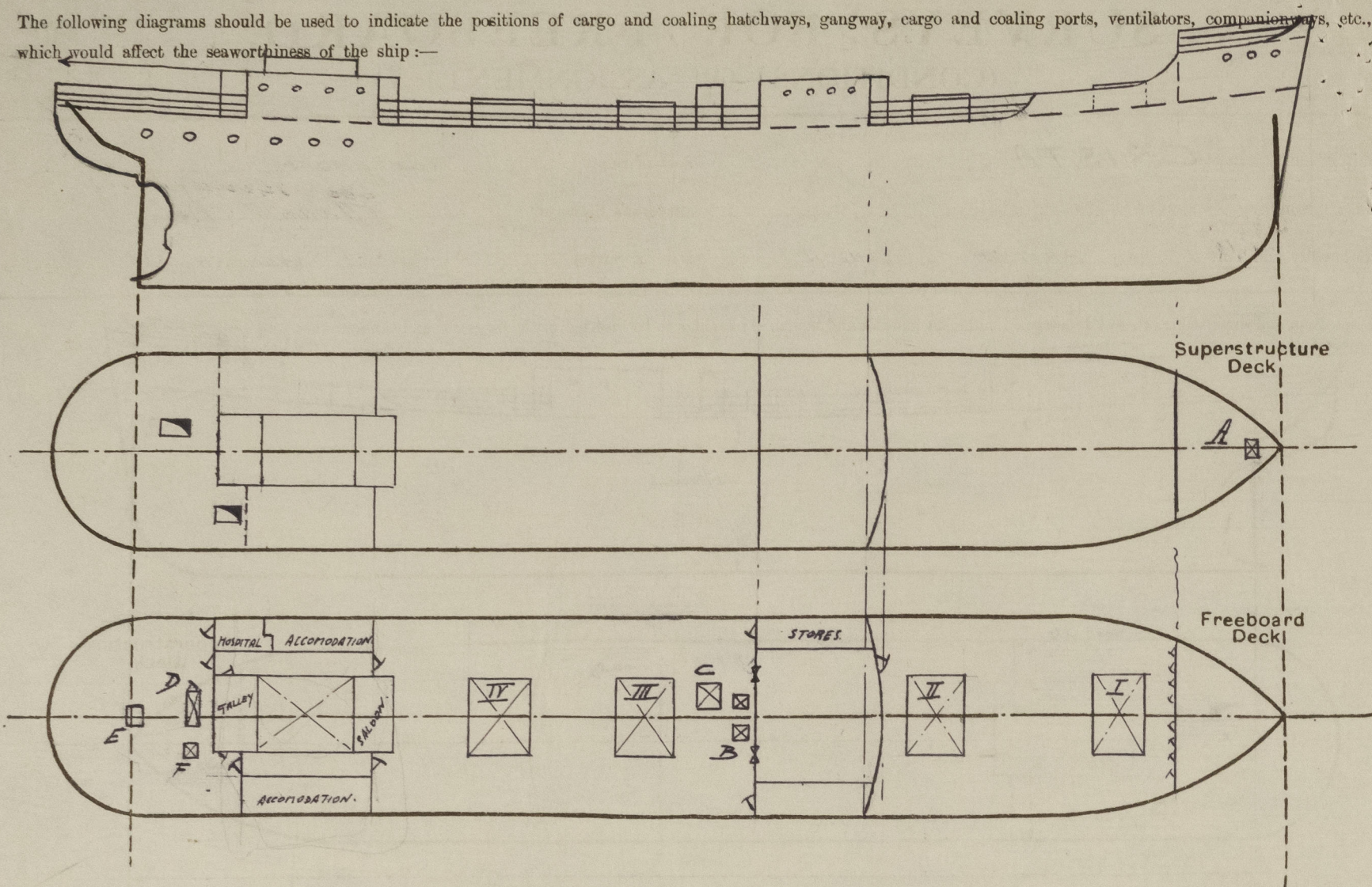
Particulars of Superstructures, Trunks, Casings, Deckhouses.									
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings	
Peep Bulkhead (after Bridge)	18" x 40"	32"	INTERMED. 8 x 3 x 36 BA @ sides REV. BARS 4 x 4 x 40 @ centre + heavy 5 x 3 x 40	27"	TOP: LUGS BOTTOM: EN. BRACKETS	2 4'-11" x 2'-7"	18"	7'-6"	
Raised Quarter Deck Bulkhead	32"	24"	3 x 2 1/2 x 28 stiffeners Heavy 6 x 3 x 40 welded (top on) additional intermediate stiffeners 8 x 3 x 36 BA + 4 x 3 x 38	27 1/2"		2 doors 4'-3" x 3'-1 1/2"	23 1/4"		
Bridge, After Bulkhead	18" x 32"	28"	4 x 4 x 2 1/2 x 32"	25"	TOP: LAPPED ON BEAMS	5'-0" x 2'-6"	17 3/4"		
Bridge, Forward Bulkhead	18" x 44"	40"	BA 8 x 3 x 32"	29"	BOTTOM: BRACKETS	4'-4" x 2'-6"	24"		
Forecastle Bulkhead	24" x 32"	28"	4 x 4 x 2 1/2 x 36" AND DIVISION B'Y'S	31-36"					
Trunk, Aft	✓								
Trunk, Forward	✓								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	18" x 30"	26"	3" x 2 1/2" x 28"	25 1/2"	BRACKETS AT TOP			7'-6"	
Exposed Machinery Casings on Superstructure Decks	30"	✓	4 x 3 x 3 x 26"	25 1/2"	BRACKETS			2'-6"	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓								
Deckhouses on Flush Deck Ships	18" x 32"	24"	4 x 3 x 2 1/2 x 32"	25 1/2"	✓	2 4'-11" x 2'-6"	14 1/2" ABOVE WOOD DECK		

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

Peep Bulkhead	2	HINGED STEEL W.T. DOORS, OPERATED FROM BOTH SIDES WITH 6 CLEATS.
Raised Quarter Deck Bulkhead	✓	
Bridge, After Bulkhead	✓	PORTABLE STEEL PLATES, FASTENED WITH HOOK BOLTS - IN WING ON PORTSIDE AND STARBOARD
Bridge, Forward Bulkhead	1	HINGED STEEL W.T. DOOR, OPERATED FROM BOTH SIDES WITH 6 CLEATS
Forecastle Bulkhead	✓	ORDINARY HARD WOOD DOORS, OPERATED FROM BOTH SIDES
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	2	HINGED STEEL W.T. DOORS, OPERATED FROM BOTH SIDES WITH 6 CLEATS - IN WING ON PORTSIDE ONE

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

CASINGS EXPOSED ON POOPDECK. STRONGLY CONSTRUCTED.
FUNNEL, SKYLIGHT AND VENTILATOR COAMINGS OF A SUBSTANTIAL CONSTRUCTION.
FIDDLE COVERS ARE HINGED.

Particulars of Flush Bunker Scuttles:— NONE FITTED

Particulars of Companionways:— ON FREEBOARD DECK BEHIND BRIDGE C ENTRANCE TO PUMPROOM. OF STEEL, STRONGLY CONSTRUCTED. ENTRANCE THROUGH HINGED STEEL W. T. DOOR, OPERATED FROM BOTH SIDES WITH 4 CLEATS. SILL 18 1/2".
ON FREEBOARD DECK AFT D TO TWEENDECK ACCOMMODATION. OF STEEL, STRONGLY CONSTRUCTED. ENTRANCE THROUGH HINGED STEEL W. T. DOOR, OPERATED FROM BOTH SIDES WITH 4 CLEATS. SILL 15".

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—

ON FORECASTLE DECK: 1 VENTILATOR DIA. 9". COAMING 30" x 36".
2 " " 18 " 36" x 40".
ON FREEBOARD DECK: 7 GOOSENECK VENTILATORS 37" HIGH.
AFTERWALL 2 VENTILATORS DIA 12". COAMING 47" x 40", BARNETED TO DECK.
BEHIND POOPDECKHOUSE 2 " " 9 " 36" x 36".
1 " " 10 " 36" x 40".
2 GOOSENECK VENTILATORS 30" HIGH.
ON POOPDECK 14 VENTILATORS DIA 8". COAMING 30" x 36".
3 " " 12 " 30" x 40".
ON BRIDGEDECK 3 SCREW DOWN MUSHROOM VENTILATORS.
8 VENTILATORS DIA 6". COAMING 30" x 36".

ALL FITTED WITH STEEL CAPS. ✓

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

ON FORECASTLE DECK 3 AIRPIPE GOOSENECKS 34" HIGH.
ON FREEBOARD DECK 8 " " 14" HIGH. X
2 " " 80" HIGH AND SUPPORTED TO POOPFRONT. ✓

ALL FITTED WITH HINGED, STEEL W. T. COVERS. ✓

Particulars of Gangway Cargo and Coaling Ports:— NONE FITTED

Particulars of Scuppers and Sanitary Discharge Pipes:—

FREEBOARD DECK BEHIND POOPHOUSE DRAINS OVERBOARD, 3 STEEL SCUPPERPIES EACH SIDE, WITH CAST STEEL STORMVALVES ON SHELL.
AFT 12 SANITARY DISCHARGES AND SCUPPERS, ALL FROM POOPSPACE AND ABOVE, WITH CAST STEEL STORMVALVES ON SHELL.
THE DISCHARGES AND SCUPPERS COMING FROM POOPSPACE HAVE A SLUICE VALVE ADJACENT TO THE STORMVALVE.
AMIDSHIPS: 7 SANITARY DISCHARGES AND SCUPPERS, ALL FROM ABOVE THE BRIDGEDECK, DRAIN OVERBOARD WITH CAST STEEL STORMVALVES ON SHELL.
FORWARD: 4 SANITARY DISCHARGES AND SCUPPERS, ALL FROM FORECASTLE-SPACE, DRAIN OVERBOARD WITH CAST STEEL STORMVALVES ON SHELL AND ADJACENT SLUICEVALVE. ✓

Particulars of Side Scuttles:— ALL OF A SUBSTANTIAL CONSTRUCTION AND FITTED WITH HINGED STEEL DEADLIGHTS.
LOWEST PORTLIGHTS IN TWEENDECK AFT. ✓

ON FREEBOARD DECK AFT A STRONG STEEL SKYLIGHT E OVERHEAD STEERING ENGINE. HEIGHT 24". HINGED STEEL W. T. FLAPS, CLOSED WITH TOSSELS.
ON POOPDECK 6 STRONG STEEL SKYLIGHTS HEIGHT 18". HINGED STEEL W. T. FLAPS, CLOSED WITH TOSSELS. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel 23'-8"

Particulars of Guard Rails:— FORE DECK: 3 ROD RAIL. RIVETED STANCHIONS 40" HIGH AND ± 4'-0" APART. ✓

WELL DECK: 3 " " BOLTED TO RIVETED IN 42" " " ± 4'-5" " ✓
BRIDGEDECK: 3 " " RIVETED STANCHIONS 40" " " ± 4'-4" " ✓
POOPDECK: 3 " " " 40" " " ± 4'-4" " ✓

IN FOREWELL BEHIND FORECASTLE A PARTIAL BULWARK 42" HIGH. PROFILE 6" B.R. STANCHIONS 7'-3.38" ± 6'-5" APART.

Particulars of Gangways, Lifelines, etc.:— LIFELINES WILL BE SUPPLIED.

Particulars of Freeing Arrangements.

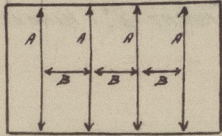
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well						
Forward Well						

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.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
			ON FREEBOARD DECK				ON FO'CLE DECK		ON FREEBOARD DECK	
Description of Hatchway			I	II	III	IV	A	B	F	
Dimensions of Hatchway			12'-0" x 10'-0"	12'-0" x 10'-0"	12'-0" x 10'-0"	12'-0" x 10'-0"	2'-7 1/2" x 2'-7 1/2"	3'-0" x 3'-0"	2'-6" x 2'-6"	
COAMINGS	{	Height above Deck		30"						
		Thicknes { Sides		.44"						
		Thicknes { Ends		.44"						
		Stiffeners								
		Brackets, Stays		17" x .44"						
HATCH BEAMS	{	Number								
		Spacing								
		Scantling and Sketch								
FORE AND AFTERS	{	Bearing Surface								
		Number								
		Spacing								
		Unsupported Lengths								
HATCH COVERS	{	Material	STEEL O.T. COVERS				W.T. STEEL COVER.			
		Thicknes	PLATE 50.				FASTENED WITH HINGED BOLTS			
		Bearing Surface	4 STIFFENERS B.A. 6" x 3" x .38 AND AS PER SKETCH. FASTENED WITH HINGED BOLTS AND BUTTERFLY NUTS. SPACED 15" AND 8" FROM CORNERS.				AND BUTTERFLY-NUTS.			
Spacing of Cleats										
Number of Tarpaulins										
<div>*Are wood fore and afters steel shod at all bearing surfaces? ✓</div> <div>Are battens and wedges efficient and in good condition? ✓</div> <div>Are tarpaulins in good condition and in accordance with rule requirements? ✓</div> <div>Are lashings provided in accordance with rule requirements? ✓</div> <div></div> <div>A = B.A. 6" x 3" x .38" ✓</div> <div>B = B.A. 6" x 5" x .38" E.W. TO A STIFFENERS.</div>										

Particulars of any special features :—

Endorsement at first survey and at surveys for renewal of Certificate :—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.



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