

OCT 23 1937

Index No.

35436.

(For London Office only).

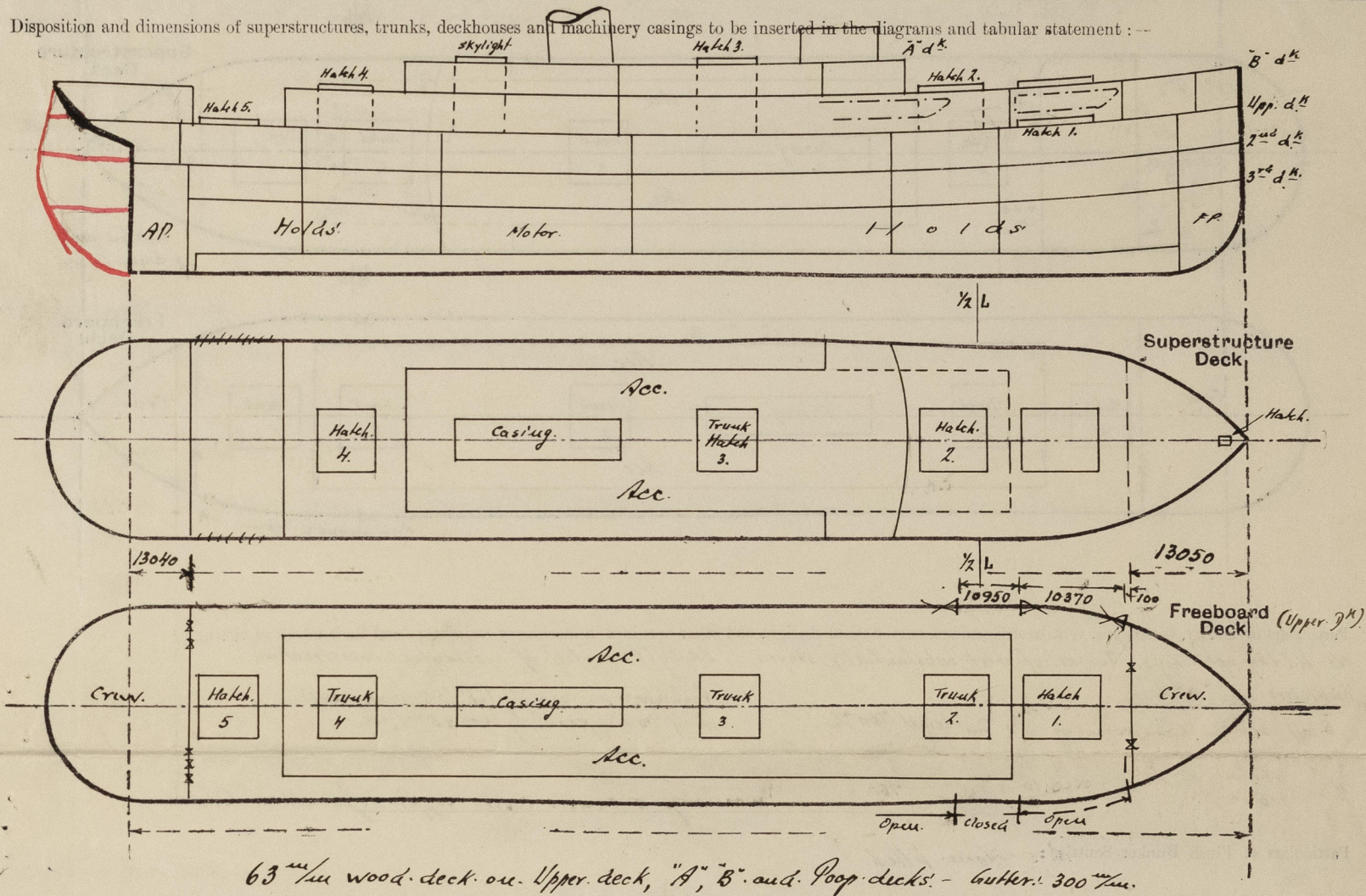
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name *M/V "COPIAPO"* Port of Survey *Copenhagen (Nakskov)*
 Official Number *Not known* Surveyor's Signature *J. D. Bydersen*
 Nationality and Port of Registry *Chilian, Valparaiso* Date of Survey *18th October 1937*

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.

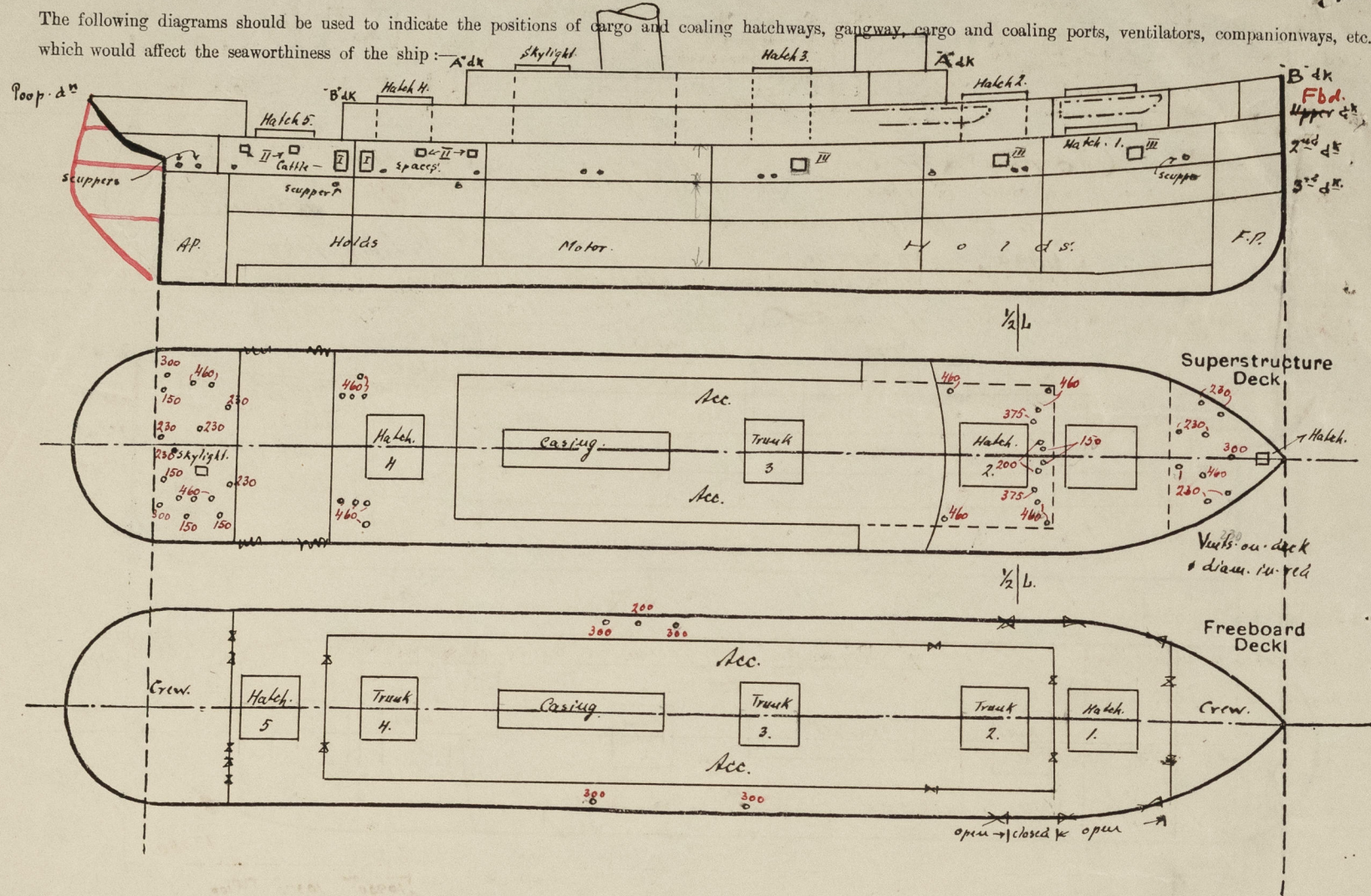
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	550 × 10½	9½	150 × 75 × 11	710	Lugged top & bolt	1600 × 625	380	2285
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓							
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead ...	7½	7½	130 × 65 × 9½	680	Lakes-bowd. bars	1600 × 625	380	2440
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	<i>Machinery casing enclosed by substantially constructed steel deckhouse.</i>							
Exposed Machinery Casings on Superstructure Decks ...								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓							
Deckhouses on ^{Upper} Flush Deck Ships ...	7½	7½	90 × 65 × 8	760	Lakes-bowd. bars	1600 × 625	460	2440

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

Poop Bulkhead ...	<i>Hard wood doors capable of being manipulated from both sides.</i>
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	<i>Hard wood doors capable of being manipulated from both sides.</i>
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 ...	<i>Hard wood doors capable of being manipulated from both sides.</i>

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:—
No fiddle openings. Funnel of steel substantially stayed. Skylight of steel of substantial construction.

Ventilators on A deck.

5 off 300^{mm} dia. coaming 8 1/2ⁱⁿ high 760^{mm} ✓
1 - 375 - - - - - 760 - ✓
3 - 460 - - - - - 760 - ✓
2 - 915 - - - - - 760 - ✓

Ventilators on casing top (ab. 15^{ft} 7ⁱⁿ above keel)
2 off 915 dia. coaming 3000 x 5ⁱⁿ ✓

Woodplugs & canvas covers supplied for all ventilators.

Particulars of Flush Bunker Scuttles:— None fitted.

Particulars of Companionways:— Crew berthed in fore and poop spaces. No companionways fitted.

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

A deck. Form 24.

Diam. x Width x Height x No. off.
150^{mm} x 7 x 915 x 2 ✓
200 - 7 x 915 x 2 ✓
230 - 8 x 915 x 6 ✓
300 - 9 x 915 x 1 ✓
375 - 9 x 915 x 2 ✓
460 - 10 x 915 x 6 ✓

Poop deck

Diam. x Width x Height x No. off.
150^{mm} x 7 1/2 x 760 x 4 ✓
230 - 8 1/2 x 760 x 5 ✓
300 - 8 1/2 x 760 x 2 ✓
460 - 10 x 760 x 4 ✓
460 - 10 x 1215 x 2 ✓

Upper deck (off of 1/2 L)

300^{mm} dia 8 1/2ⁱⁿ high 760 high x 5 off ✓
200 - - - 8 1/2 - 760 - 1 - ✓

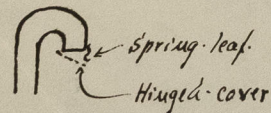
B deck. off of 34.

460 - 10 - 760 - 10 ✓

Woodplugs & canvas covers supplied for all ventilators.

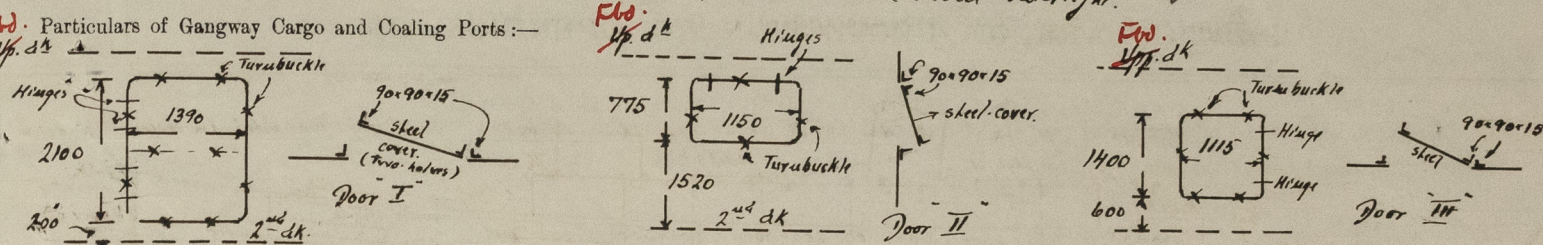
Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

Opening of air pipes 915^{mm} above deck ✓



"M.V. Copiapo"

Particulars of Gangway Cargo and Coaling Ports:—



Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers & discharges through ship's sides 15ⁱⁿ above 2nd deck are all from spaces above upper deck & fitted with an automatic non-return valve at ship's side made of gunmetal. ✓

Scuppers below 2nd deck (two off aft) from cattle spaces are fitted with a screw down non-return valve operated from upper & 2nd deck (with indicator) & of gunmetal. (Scuppers 7782 and 7482ⁱⁿ above keel). ✓

Particulars of Side Scuttles:—

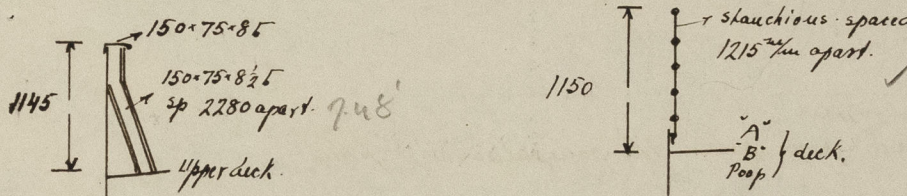
Side lights between upper & 2nd deck of substantial construction & all supplied with permanently attached hinged deadlights. ✓

No side lights below 2nd deck. ✓

Side lights in poop & fore spaces of substantial construction & all supplied with permanently attached hinged deadlights. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel lowest scupper 7482ⁱⁿ above top of keel. (to L)
side light 9280ⁱⁿ 26ⁱⁿ (8ⁱⁿ - - - - - (to R) ✓
lower edge of girth sheet 8135ⁱⁿ - - - - - (ps. only).

Particulars of Guard Rails:—



Particulars of Gangways, Lifelines, etc.:— None fitted.

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:— ✓

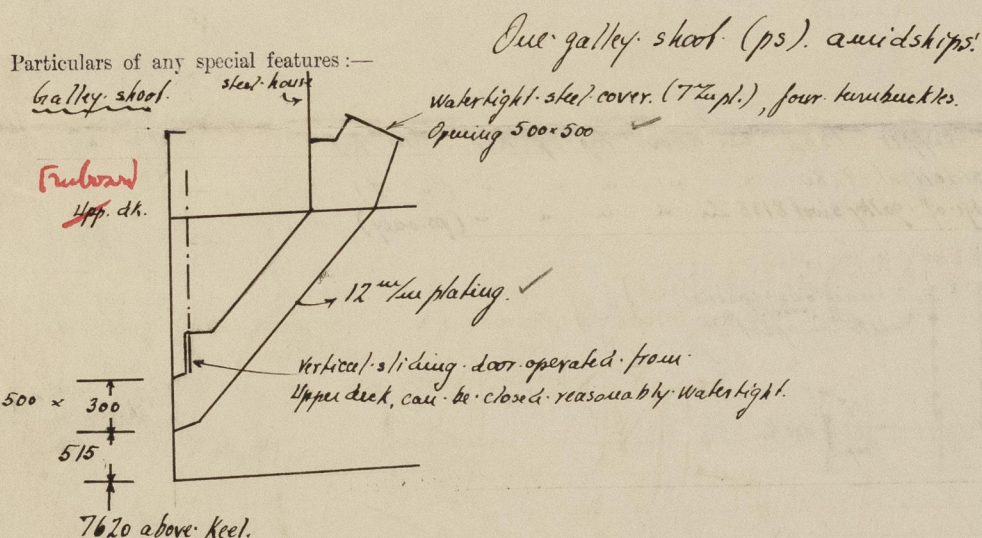
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— ✓

Additional area where sheer is less than standard. ✓

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
	Forward	Upper d.k.	Starboard	A d.k.	Starboard	Upper d.k.	A d.k.	Trunk hatches (with or without skylight)		
Description of Hatchway	Nº 1	Nº 2	Nº 3	Nº 4	Nº 5	Forward		Nº 2	Nº 3	Nº 4
Dimensions of Hatchway	8540 x 5500	9120 x 5500	5320 x 5500	7600 x 5500	7600 x 5500	760 x 760				
COAMINGS	Height above Deck		830			610				
	Thickness		11			8				
	Stiffeners		5	180 x 75 x 9 1/2		8			6 1/2	
	Brackets, Stays	2 off	3 off	2 off	2 off	2 off			76 x 30	
HATCH BEAMS	Number	5	5	3	4	4				
	Spacing	1423	1520	1330	1520	1520				
	Scantling and Sketch									
	Bearing Surface	75	75	75	75	75				
	Angles			100 x 75 x 11 1/2						
FORE AND AFTERS	Number									
	Spacing									
	Unsupported Lengths									
	Scantling and Sketch									
HATCH COVERS	Material			Wood		Steel				
	Thickness			75		8				
	How fitted			For & aft		To close W.T.				
	Bearing Surface			75		by four				
Spacing of Cleats				600		turabuckts				
Number of Tarpaulins				2						

*Are wood fore and afters steel shod at all bearing surfaces? *None fitted.* ✓
 Are battens and wedges efficient and in good condition? *yes!* ✓
 Are tarpaulins in good condition and in accordance with rule requirements? *yes!* ✓
 Are lashings provided in accordance with rule requirements? *yes!* ✓



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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