

12 JUN 1946

Index No. 38595
(For London Office only).

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

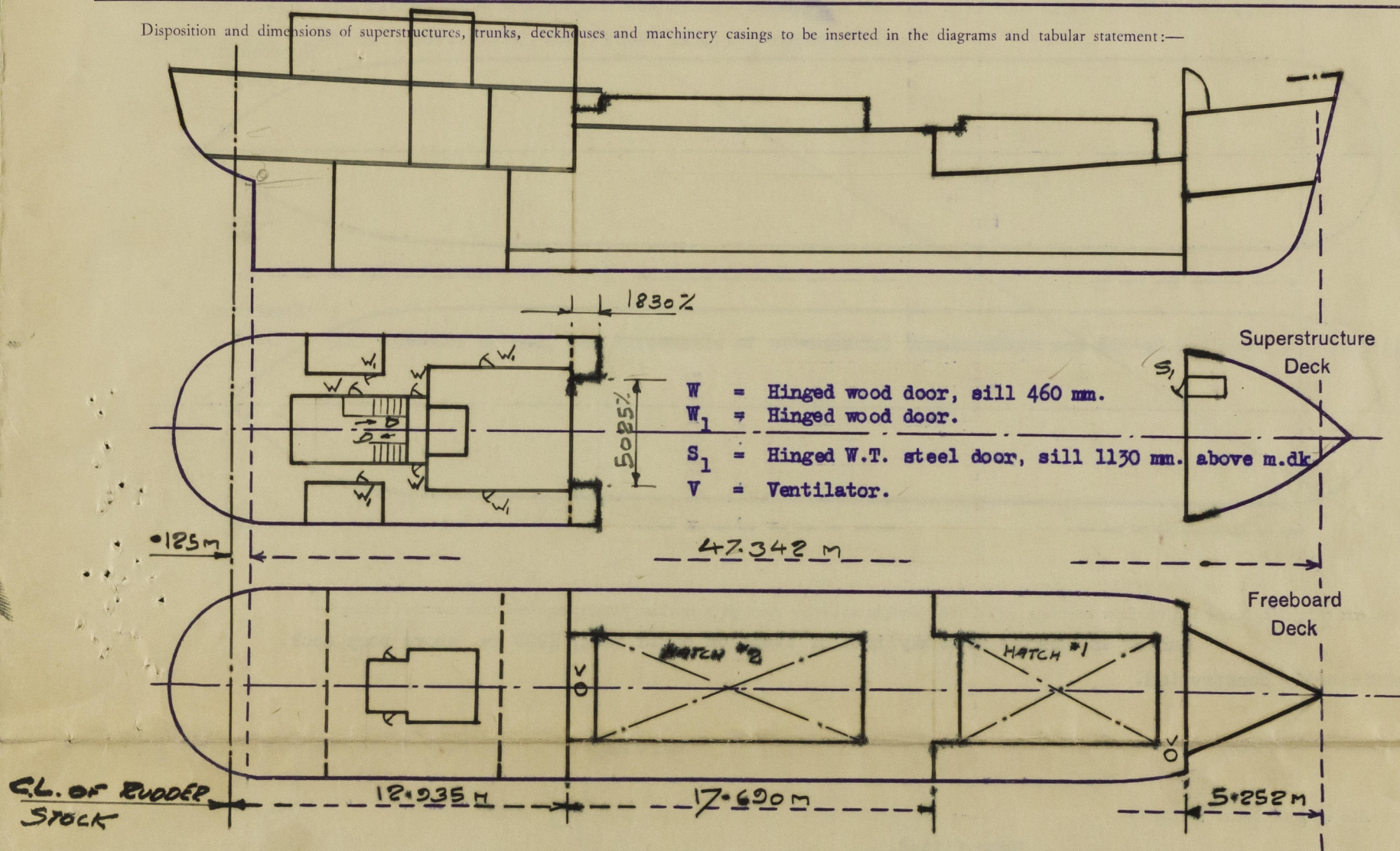
(CONDITIONS OF ASSIGNMENT.)

Ship's Name **I V A N**Port of Survey **Kalmar**

Official Number

Surveyor's Signature *Hanns Linn*Nationality and Port of Registry **Swedish, Gothenburg.**Date of Survey **During construction.**

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 MM.	Stiffeners MM.	Spacing MM.	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings etc.
Poop Bulkhead		7	100x65x8	600/750	Welded top. Cont. bottom.	None	---	2200
Raised Quarter Deck Bulkhead		10	100x65x8	610	Welded top. Cont. bottom.	None	---	1000
Bridge, After Bulkhead			65x65x7					
Bridge, Forward Bulkhead			100x65x8					
Forecastle Bulkhead		6.5	130x75x9 150x75x8	625	Welded top. Cont. bottom	None	---	1000
Trunk, Aft.. on R.Q.Dk.		10	100x10	610	To beams top. Cont. bottom.	None	---	550
Trunk, Forward.. on Main deck ..		10	---	---	---	None	---	1000
Exposed Machinery Casings on Freeboard or Raised Quarter Decks		See poop bulkhead.						
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances .. (on poop)		7	75x8	610/915	Continuous top & bottom	None	---	2200
Deckhouses on Flush Deck Ships								

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

Poop Bulkhead	No openings.
Raised Quarter Deck Bulkhead	No openings.
Bridge, After Bulkhead	
Bridge, Forward Bulkhead	
Forecastle Bulkhead	No openings.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	No openings.
Exposed Machinery Casings on Superstructure Decks	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances .. (on poop)	No openings.
Deckhouses on Flush Deck Ships	



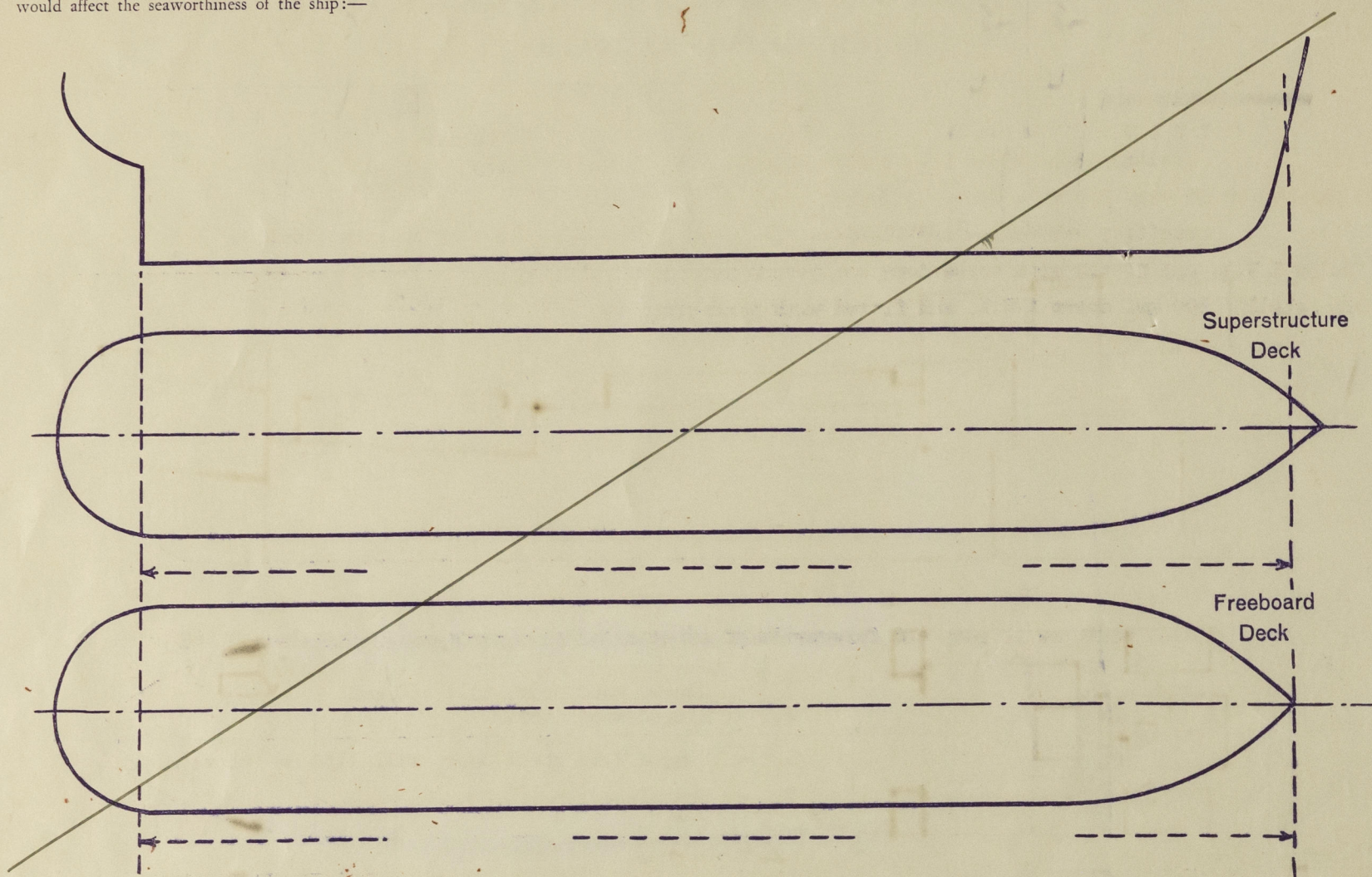
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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

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:—

Funnel and engine room skylight of steel on boat deck, 2200 mm. above poop deck, efficiently constructed.

Particulars of Flush Bunker Scuttles:—

None fitted.

Particulars of Companionways:—

Entrance to accommodation aft through steel deckhouse on poop deck. Wood doors with 460 mm. sill above steel deck. - Entrance to store in forecastle through steel companionway on forecastle deck fitted with hinged steel door closed weathertight, sill 1130 mm. above main deck. All doors operable from both sides.

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

All ventilators on main deck, raised quarter deck and forecastle deck 915 mm. in height or above and all ventilators on poop deck 760 mm. in height or above. All ventilators provided with means of closing and all those above 915 mm. in height are efficiently supported.

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

All air pipes are 915 mm. in height or above, efficiently constructed and supported with means of closing.

Particulars of Gangway Cargo and Coaling Ports:—

None.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Sanitary discharges from spaces on poop deck through ship's sides 300 mm. below L.W.L. and fitted with non-return valves, operable from the Engine Room.

Sanitary discharges and scuppers from poop deck spaces and spaces in poop through ship's sides 600 mm. below L.W.L. and fitted with screw-down non-return automatic valves operable from above freeboard deck, and through shell 300 mm. above L.W.L. and fitted with non-return valve.

Particulars of Side Scuttles:—

Side scuttles in poop and forecastle of substantial construction and fitted with hinged deadlights.

Vertical distance of Sill of lowest Scuttle above top of keel **4600 mm.**

Particulars of Guard Rails:—

Bulwark fitted on upper deck 1150 mm., on forecastle 1020 mm. and raised quarter deck 1300 mm. in height, supported at every 3rd frame.

On poop deck guard rails of three rods and stanchions max. 1300 mm. apart, 1000 mm. in height above steel deck and supported at every 3rd frame.

Particulars of Gangways, Lifelines, etc.:—

Lifeline fitted between Forecastle and Raised Quarter Deck.

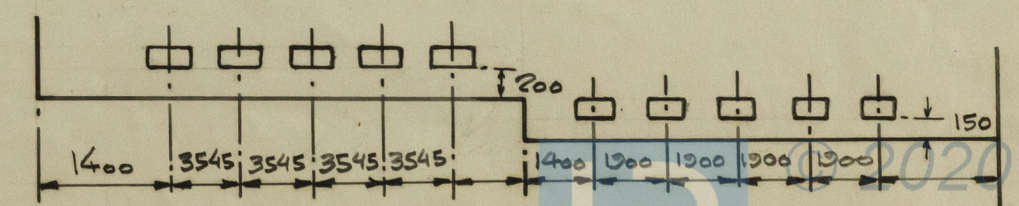
Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
XXXXXXXX R.Q.D.	17690	1300	1200 x 200	5	1.200 M ²	1.147 M ²
Forward Well	11590	1150	1200 x 200	5	1.200 M ²	0.969 M ²

State position of each freeing port **R.Q.Dk.**
(F. and A. position and height above deck edge) ~~XXXXXXXX~~
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.										
Description of Hatchway		No.1	No.2							
Dimensions of Hatchway		Length	11590							
		Breadth	5025							
COAMINGS	Height above Deck	1000	850							
	Thickness	Ends	10	10						
		Sides								
	Stiffeners	See sketch								
Brackets, Stays		3	4							
HATCH BEAMS	Number	6	7							
	Spacing	1307	1400							
	Scantling and Sketch	A=230x12.5	230x12.5							
		B=335	335							
C=9		9								
Bearing Surface										
FORE AND AFTERS	Number									
	Spacing									
	Unsupported Lengths									
	Scantling* and Sketch									
Bearing Surface										
HATCH COVERS	Material	Wood	Wood							
	Thickness	2 1/2"	2 1/2"							
	How fitted	F & A	F & A							
	Bearing Surface	65	65							
Spacing of Cleats		610	610							
Number of Tarpaulins		2	2							
*) Are wood fore and afters steel shod at all bearing surfaces? --										
Are tarpaulins in good condition and in accordance with rule requirements? Yes										
Are battens and wedges efficient and in good condition? Yes										
Are lashings provided in accordance with rule requirements? Yes										

Particulars of any special features:—

Endorsement at first surveys 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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