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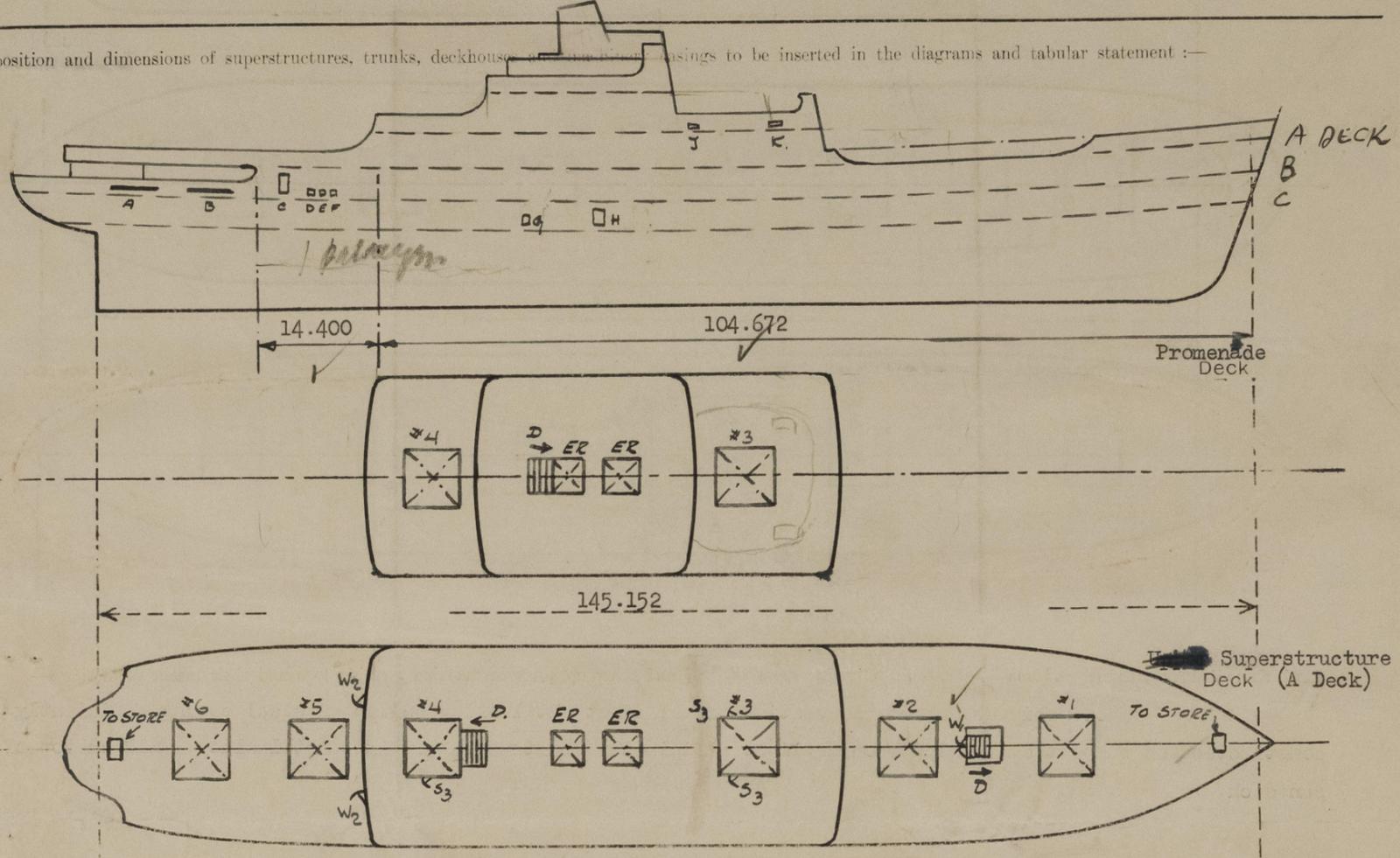
# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name STOCKHOLM Port of Survey Gothenburg  
 Official Number 8926 Surveyor's Signature Hamedurij  
 Nationality and Port of Registry Swedish, Gothenburg. Date of Survey During construction.

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



W<sub>1</sub> = Wood hinged door, sill 460 mm. ✓ S<sub>1</sub> = Steel hinged door, sill 460 mm. ✓  
 W<sub>2</sub> = Wood hinged door, sill 210 mm. ✓ S<sub>2</sub> = Steel hinged watertight door, sill 230 mm. ✓  
 ER = Engine room skylight. ✓ D = Ladder way down. ✓ S<sub>3</sub> = Steel hinged door, sill about 120 mm. ✓

Particulars of Superstructures, Trunks, Casings, Deckhouses.

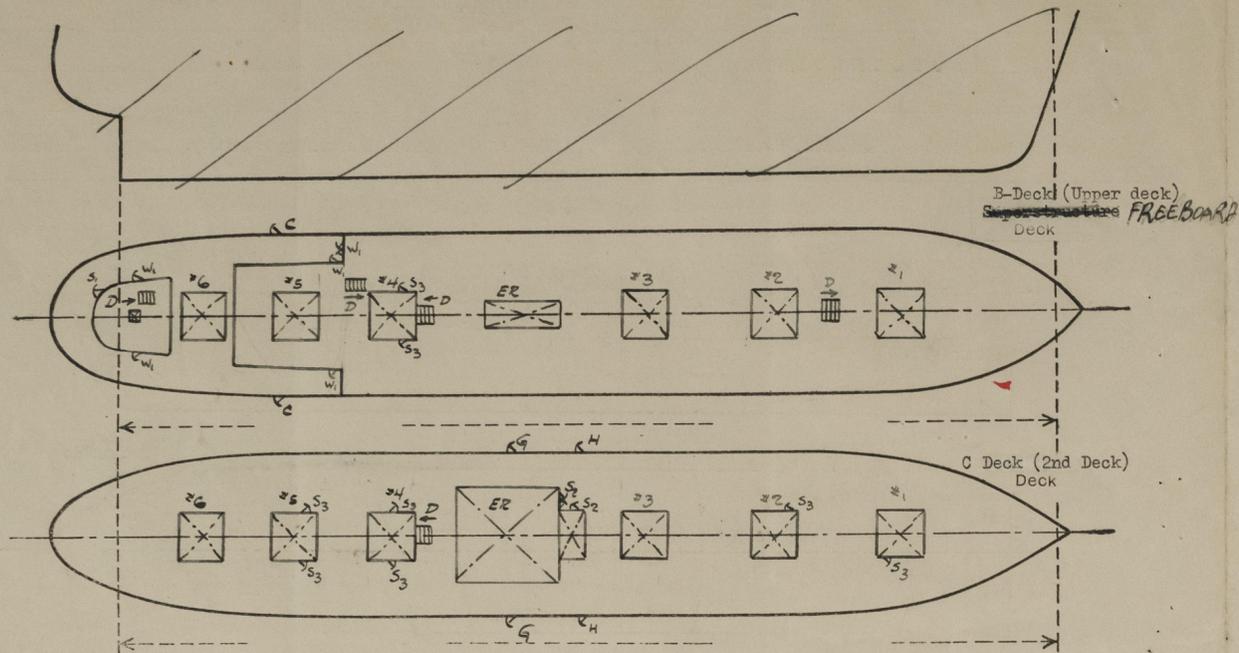
	Coaming MM.	Plating MM.	Stiffeners MM.	Spacing MM.	End Attachments of Stiffeners	Size of Openings MM.	Height of Sills MM.	Height of Casings MM.
Poop Bulkhead ... ..								
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ... ..	10	8	100x 65x 8 <u>L</u>	700/950	None	1480x775/1285	470 ✓	2744 ✓
Bridge, Forward Bulkhead... ..								
Forecastle Bulkhead... ..								
Trunk, Aft ... ..								
Trunk, Forward ... .. <u>2nd</u>								
<del>XXXXXX</del> Machinery Casings on <del>XXXX</del> Decks ...		6.5	112x75x8 <u>L</u>	725/825	To beams top and bottom	1720 x 1200	230	2438
Exposed Machinery Casings on Superstructure Decks ... ..								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..		6.5	90x 70x 8 <u>L</u>	825	To beam btm. Cont. top.	None	---	2743 ✓
Deckhouse <u>Upper</u> on <del>XXXX</del> Deck Ships ...	10	8	100x65x8 <u>L</u>	775/915	None	1480 x 775	460	2743

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

Poop Bulkhead ... ..	
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ... ..	Hinged wood doors, operable from both sides. ✓
Bridge, Forward Bulkhead ... ..	
Forecastle Bulkhead... .. <u>2nd</u>	
<del>XXXXXX</del> Machinery Casings on <del>XXXX</del> Decks ...	Hinged watertight doors, operable from both sides. ✓
Exposed Machinery Casings on Superstructure Decks ... ..	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	
Deckhouses on <u>Upper</u> <del>XXXX</del> Deck Ships ...	Hinged wood and steel doors, operable from both sides. ✓

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

Motorship.— Funnel and ventilators of light metal alloy on top of steel casing efficiently constructed and supported. Engine room skylight efficiently constructed of light metal alloy. All on top of sun deck.

Particulars of Flush Bunker Scuttles:—  
None.

Particulars of Companionways:—  
One entrance on forecastle deck and six on freeboard deck enclosed by substantial steel deck-houses or superstructure (see sketch). **ALL DOORS CLOSED AND SECURED FROM BOTH SIDES.**

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—  
All ventilators on freeboard and forecastle decks are more than 915 mm. in height, efficiently constructed and supported. All are provided with means of closing.

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—  
All air pipes in exposed positions on freeboard and forecastle decks are 930 mm. in height, resp. 800, of steel of goose neck type. All fitted with means of closing.  
Please also see drawings Nos. 148611 and 148612 on pumping arrangement, approved in this office on the 3rd July, 1945.

Particulars of Gangway Cargo and Coaling Ports:—

- C. - Port (p & s) 175 mm. sill above freeboard deck 2100 x 920 mm., 15 mm. plating, 9 clips, as per approved plan.
  - H. - Port (p & s) 150 mm. sill above second deck, 2160 x 1200 mm., 16.5 mm. pltg., 12 clips, as per approved plan.
  - G. - Port (p & s) 250 mm. sill above second deck, 1200 x 500 mm., 16.5 mm. pltg., 6 clips, as per approved plan.
- THE ABOVE DOORS OF STRONG CONSTRUCTION AND CLOSED WATERTIGHT.**

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers and sanitary discharges from accommodation on all decks led to four sanitary tanks in engine and tunnel, and from sanitary tanks led through shell at bilge keel and fitted with automatic valves (Sewage expeller Stone's system). **All discharge valves controlled from above freeboard deck and fitted with indicators.**

Scuppers from weather decks led through shell about 200 mm. above second deck.  
Rubbish chute, port side, from passage amidship on second deck. Coamings in passage 800 mm. high fitted with watertight covers, with toggles and with a non-return valve above second deck fitted with counter-weight. Pipe below second deck 400  $\phi$  x 15 mm. led through shell about 450 mm. above LWL.

Rubbish chute, port and starboard, from kitchen on shelter deck. Coamings in kitchen space 820 mm. high fitted with watertight covers with toggles and with a non-return valve above shelter deck fitted with counter-weight. Pipe below shelter deck 400  $\phi$  x 15 mm. led through shell about 550 mm. above LWL.

**The system of tank ejector discharge & suction pipe lines as shown on approved plan is applicable to all sewage ejector plants.**

Particulars of Side Scuttles:—

Below main deck: Fixed scuttles fitted with hinged deadlights with locking arrangement for which key is retained by officers.

Second deck and above: Forward frame No. 149: Hinged scuttles with permanent hinged deadlights.  
Aft frame No. 149: Hinged scuttles fitted with portable hinged deadlights. Each scuttle provided with a portable deadlight stowed in a readily accessible position close to the scuttle. **FITTED IN SPACES APPROPRIATED TO PASSENGERS, OTHER THAN STEERAGE PASSENGERS, AND TO CREW.**

Vertical distance of Sill of lowest Side Scuttle above top of keel 8,300 mm.

Particulars of Guard Rails:—

Bulwark 1100/1160 mm. high substantially constructed and stiffened is fitted on all decks except for forecastle deck, frames 130 - 164 where open guard rails are fitted as per approved plan.

Particulars of Gangways, Lifelines, etc.:—

None.

Particulars of Freeing Arrangements.

	Length of Bulwark MM.	Height of Bulwark MM.	Size of Freeing Ports MM.	Number each side	Area each side M <sup>2</sup>	Rule area each side
After Well on upper dk.	40480	1160	2 $\hat{a}$ 230 x 3200 A.B. 3 $\hat{a}$ 675 x 700 D.E.F.	5	2.81	1.23
Forward Well on prom. dk.	12370	1100	1550 x 700 J.K.	2	2.13	

State position of each freeing port ... { After Well:— Frs. 15 $\frac{1}{2}$ , 25 $\frac{1}{2}$ , 43 $\frac{1}{2}$ , 44 $\frac{1}{2}$ , 50 $\frac{1}{2}$ . }  
(F. and A. position and height above deck edge) { Forward Well:— Frs. 114, 122. } 100 mm. above top of deck.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:—  
A & B: 1 horizontal rail. ✓  
D, E, F: 2 horizontal rails. ✓  
J & K: 2 horizontal rails. ✓

Additional area where sheer is less than standard.

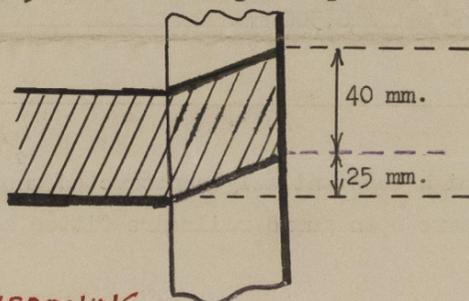
PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway	No.1	No.2	To store fwd.	No.3	No.4	No.5	No.6	To store aft	
	Fcle dk.	Fcle dk.	fcle dk.	Prom.dk.	Prom.dk.	Bridge dk.	Fbd dk.	Bridge dk.	
Dimensions of Hatchway	Length 6850	8250	950	8250	6600	6600	6600	715	
	Breadth 4400	5500	750	5500	5500	5500	5500	748	
COAMINGS	Height above Deck	900	900	610	Flush	Flush	Flush	900	Flush
	Thickness	Sides 12	12	9	as per approved plan			12	-
		Ends							
	Stiffeners	180x90x10	180x90x10	---				180x10	-
Brackets, Stays	2	2	---				2	-	
HATCH BEAMS	Number	von Tell hatch as per approved plan			von Tell hatch as per approved plan			3	
	Spacing							1650	
	Scantling and Sketch								
	Bearing Surface							100	
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling* and Sketch								
	TRUNKED DOWN THRO	2nd dk	3rd dk		3rd dk	3rd dk	3rd dk	2nd dk	2nd dk
	Bearing Surface			✓					
HATCH COVERS	Material	Steel	Steel	Steel	Steel	Steel	Steel	Wood	Steel+3"wood
	Thickness	8mm	8mm	9mm stiff.	8mm+3"wood	8mm+3"wood	8mm+3"wood	2 1/2"	6mm
	How fitted	W.T.	W.T.	Hinged	W.T.	W.T.	W.T.	F & A	Hinged
	Bearing Surface			2 hinges 2 toggles				75 mm.	2 hinges 6 toggles
Spacing of Cleats or toggles	mm. < 755	< 700	W.T.	< 730	< 730	< 730	< 610	2	W.T.
Number of Tarpaulins									

\*Are wood fore and afters steel shod at all bearing surfaces? ---  
 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

Particulars of any special features:—

On upper deck there is 3" wood sheathing on exposed part abaft superstructure and 40 mm. litosilo, and 25 mm. cant up inside.



STEEL HATCH COVER STIFFENING.  
 NO1. TRANSVERSE 200x90x10 T SPACED 940/945 mm  
 LONGITUDINAL 1 at 190x9 INTERCOSTAL FLAT BAR.  
 NO2 TRANSVERSE 250x90x10 T SPACED 885/890  
 LONGITUDINAL 2 at 240x9 INTERCOSTAL FLAT BAR.  
 NO3 TRANSVERSE 250x90x10 T SPACED 885/890  
 LONGITUDINAL 4 at 240x9 INTERCOSTAL FLAT BAR.  
 NO4 and 5. TRANSVERSE 250x90x10 T at 904 mm  
 LONGITUDINAL 4 at 240x9 INTERCOSTAL FLAT BAR.



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