

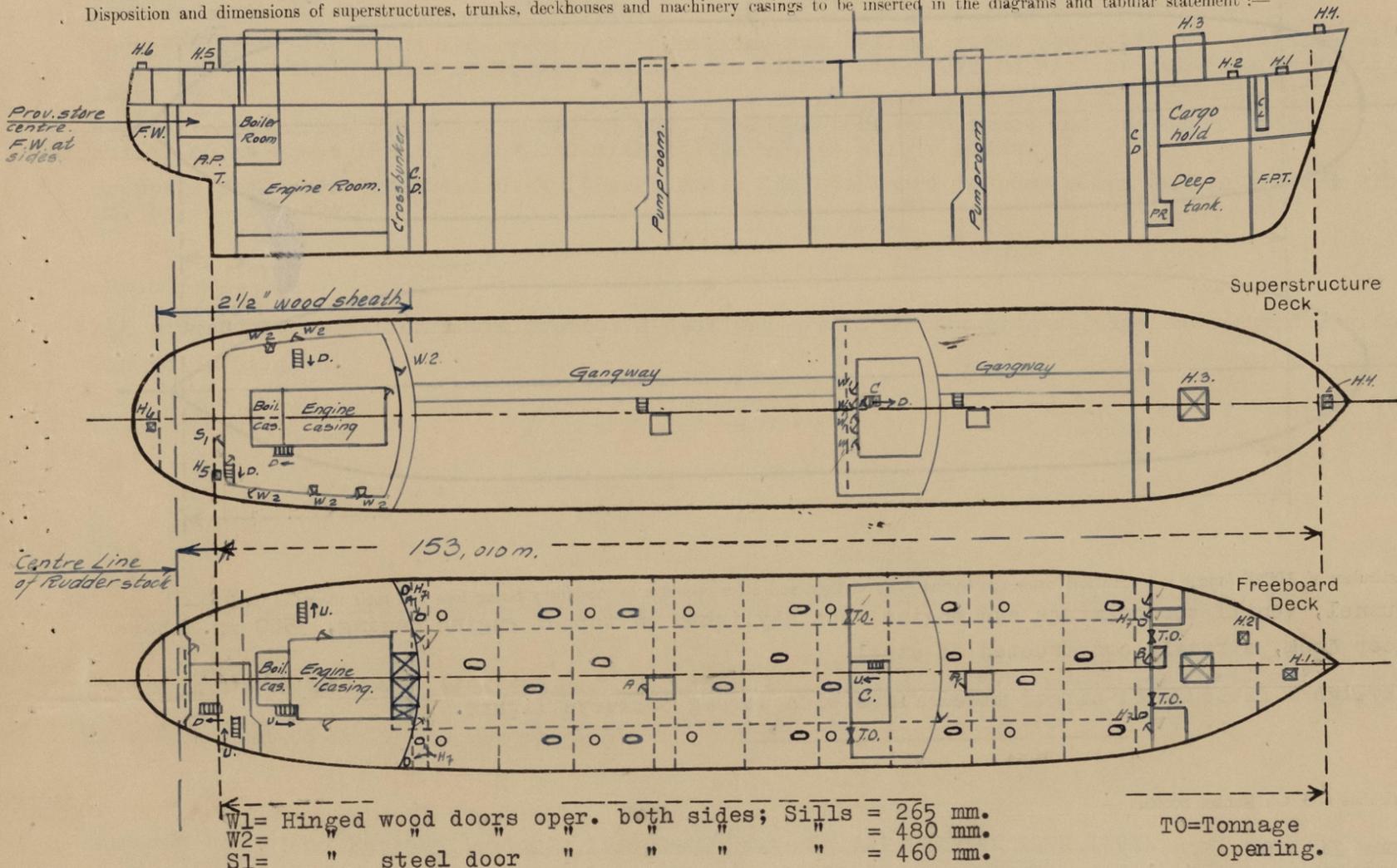
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name Motortanker "MADELEINE" ^{MONSUN} Port of Survey Landskrona.
 Official Number 9423 Surveyor's Signature T. Ostberg
 Nationality and Port of Registry FINNISH, HELSINKI Swedish, Helsingborg. 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.

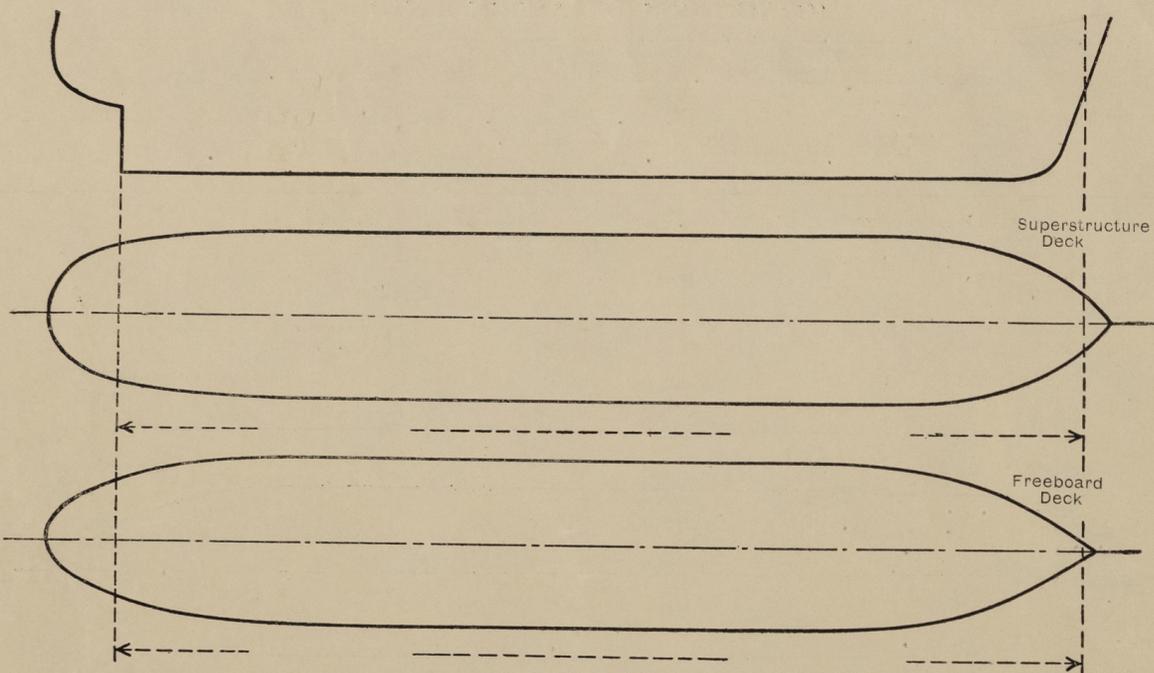
	Coaming	Plating	Stiffeners	Spacing mm.	End Attachments of Stiffeners	Size of Openings mm.	Height of Sills mm.	Height of Casings mm.
Poop Bulkhead ...	6"x.44"	.46"	9x4x.52" I & Long. bhds	760-900	T } --Bkts. B }	2 a 780x1425	615	2360
Raised Quarter Deck Bulkhead ...	-	-	-	-	T = Bkts. B = None	2 a 965x1270	600	2360
Bridge, After Bulkhead ...	6"x.40"	.32"	3 1/2 x 2 1/2 x .30" I & Long. bhds	760-890	T & B = Bkts.	1 a 615x1555	470	2360
Bridge, Forward Bulkhead ...	6"x.50"	.44-.46"	230x100x13 I & Long. bhds	760-890	T & B = None.	1 a 600x1405 2 a 21020x1330 3 a 610x1710	615 600 310	2290
Forecastle Bulkhead ...	90x11mm.	.34"	4x2 1/2 x .32" I & Long. bhds	600-670	T & B = None.	-	-	-
Trunk, Aft ...	-	-	-	-	-	-	-	-
Trunk, Forward ...	-	-	-	-	-	-	-	-
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Please see poop bulkhead above (exposed only on port side for a length of 1280 mm.)							
Exposed Machinery Casings on Superstructure Decks ...	-	-	-	-	-	-	-	-
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	-	-	-	-	-	-	-	-
Entrances to pump rooms Deckhouses on Flush Deck Ships at Frames Nos. 53 & 66	6"x.40"	.32"	5x3x.32" I	510-775	T = Bkts. B = Cont. or welded to dk.	610x1800	1100	3500

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

Poop Bulkhead ...	Hinged W.T. steel doors operable both sides (Class 1). ✓
Raised Quarter Deck Bulkhead ...	-
Bridge, After Bulkhead ...	Portable steel plates secured by hook bolts (Class 2). ✓
Bridge, Forward Bulkhead ...	Hinged W.T. steel door operable both sides (Class 1). ✓ (Hinged W.T. steel door operable both sides (Class 1) (To fwd pumproom).)
Forecastle Bulkhead ...	Portable steel plates secured by hook bolts (Class 2). ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	(Hinged steel doors operable both sides (Class 2) (To lamp- & paintrooms and to Carp. workshop).)
Exposed Machinery Casings on Superstructure Decks ...	-
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	-
Entrances to pump rooms Deckhouses on Flush Deck Ships at Frames Nos. 53 & 66	Hinged W.T. steel doors operable both sides (Class 1) (See also Companionways). ✓

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 ~~XXXX~~ funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :-
Funnel, ventilator coamings and engine room skylights on top of engine casing, 3500 mm. above poop deck, strongly constructed of steel.

Skylights fitted with hinged steel flaps with strong bullseye lights.

Particulars of Flush Bunker Scuttles :-

None fitted.

Particulars of Companionways :-

- A. Strong steel casings on freeboard deck for entrances to pumprooms Frs. 53 and 66. Hinged W.T. steel doors operable both sides, openings= 610x1800 mm., sills heights= 1100 mm. Skylights on top of casings with hinged steel flaps and strong bullseye lights (See also page 1 Superstruct.).
- B. Entrance to forward pumproom inside fore-castle strongly constructed of steel. Hinged W.T. steel door operable both sides, opening= 600x1405 mm., sill height= 615 mm. (See also page 1 Pole.bhd).
- C. Entrance to gastight compartment in bridge 'tween deck through a steel hood inside deckhouse on bridge deck. Hinged gastight steel door operable both sides, opening= 650x1800 mm., height of sill= 240 mm.

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

- | | |
|---|---|
| Fore-castle deck: | Bridge deck: |
| 3 - 14" Dia. x .40" - 915 mm. high. | 1 - 10" Dia. x .40" - 770 mm. high. |
| 2 - 12" Dia. x .40" - 915 mm. " | 1 - 6" Dia. x .40" - 770 mm. " |
| 5 - 6" Dia. x .40" - 915 mm. " | 2 - 6" Dia. x .40" - 1200 mm. " Eff. stayed. |
| Poop deck: | 1 - 250x160 mm. x 7,5mm. -850 mm. " " gooseneck |
| 2 - 12" Dia. x 8 1/2 mm. - 825 mm. " | 3 - 200x125 mm. x 7,5mm. -850 mm. " " " type. |
| 1 - 12" Dia. x 8 1/2 mm. - 915 mm. " | |
| Freeboard deck: | |
| 2 - 550/500 mm. Dia. x 11/9 mm. - 9450 mm. high Derrick post Vents. - Efficiently stayed. | |
| 2 - 550/500 mm. Dia. x 11/9 mm. - 11450 mm. " " " " " " " | |

All ventilators other than derrick post vents provided with means of closing.

Particulars of Air Pipes in exposed positions on freeboard, ~~XXXXXX~~ or superstructure decks :-

All air pipes of steel of strong construction and provided with means of closing (steel hood arranged for free passage of air). Air pipes to fuel oil tanks also provided with wire gauze.

Height of air pipes openings above decks:

- Fore-castle deck = 600 mm. ✓
- Freeboard deck = 915 mm. ✓
- Poop deck: = 600 mm. ✓

(Mon & Wm.)
Alford
Madeline.

Particulars of Gangway ~~XXXXXXXXXXXX~~ - Gangways fitted from poop to bridge and from bridge to fore-castle, 2360 mm. above freeboard deck. Supports as per sketch on next page spaced 3400 mm. and efficiently welded to deck, guard rails with 3 rods 1050 mm. high, with stanchions spaced 1700 mm.

Particulars of Scuppers and Sanitary Discharge Pipes :-

- Scuppers and sanitary discharges from deck houses on bridge deck led to a common pipe which discharge overboard in pumproom at Frame. No. 66. 3700 mm. above top of keel and are provided with one NR valve and one sluice valve at ship's side. ✓
- Scuppers from open poop deck led overboard above freeboard deck. ✓
- Scuppers from deckhouse on poop deck led overboard in engine- and boiler rooms above LWL and provided with NR valves at ship's sides. ✓
- Scuppers from poop space led overboard in engine- and boiler rooms above LWL and provided with NR valves at ship's sides or led to engine room bilges and provided with selfclosing cocks at lower ends. ✓
- Sanitary discharges from deck house on poop deck and from poop space led overboard in engine- and boiler rooms above LWL and provided with NR valves at ship's sides. ✓
- Scuppers from open freeboard deck (3 each side) led overboard in pump rooms and in aft c/d 2100 mm. below deck. ✓

Particulars of Side Scuttles :-

All side scuttles fitted above freeboard deck and are of strong construction and provided with hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 13170 mm. ✓

Particulars of Guard Rails :- **Fore-castle deck, freeboard deck and aft part of poop deck:**

3 guard rails with stanchions 1050 mm. high and 1300 mm. apart. Every 2nd or 3rd stanchion stayed.

Poop deck forward:

Bulwark 1150 mm. high x .24" with 6" x 3" x .36" bulbangle on top and stiffened by 6" x 3" x .36" bulbangle or 8 mm. flanged brackets spaced 1700 mm. apart.

Bridge deck:

Bulwark 1150 mm. high x .24" with 2 1/2" x 5" x .36" bulbangle on top and stiffened by 8 mm. brackets with 90x8 mm. face plates or by 75x8 mm. flat bars spaced 1100 mm. apart.

Please see above and sketch on next page.

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 :-

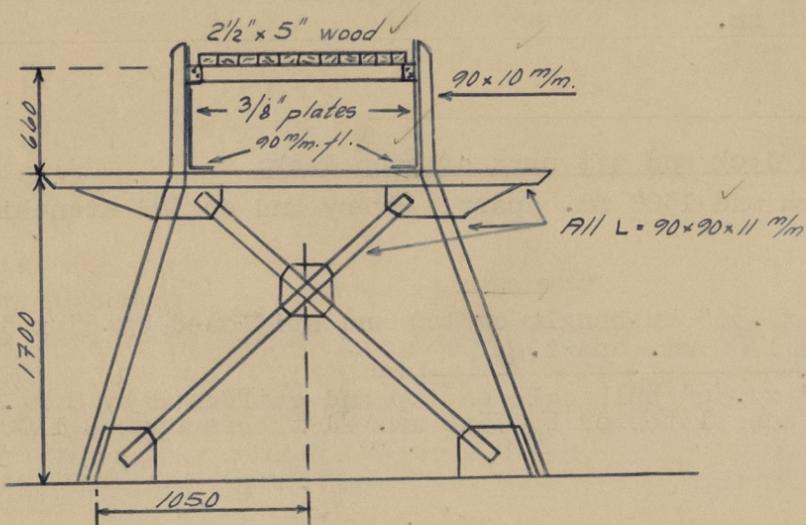
Additional area where shear is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

Description of Hatchway	Freeboard deck						F'cle deck		Poop deck	
	Cargo Tanks	Vent. to side cargo T.	H. Butterworth H.	Manh. c/d. & F.O. T.	Escape H. to dry cargo hold "H2"	To FP store "H1"	Dry cargo h. "H3"	To F'cle store "H4"	To prov. store "H5"	To store "H6"
Dimensions of Hatchway	730x1500.	695	315	510x380.	630x760.	770x1020.	3410x3905.	770x770.	900x900.	770x770.
COAMINGS	Height above Deck	800	250	250	250	230	230	820	610	220 150
	Thickness { Sides Ends	10	12	12	14	10	10	.44"	10	10
	Stiffeners	Eff.	-	-	-	-	-	3x6x.40"	-	-
	Brackets; Stays	stiff.	-	-	-	-	-	13mm. Fl. bkts.	-	-
HATCH BEAMS	Number									
	Spacing									
FORE AND AFTERS	Number									
	Spacing									
HATCH COVERS	Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
	Thickness	12½	15	12	15	8	8	.40" W.T.	8	8
HATCH COVERS	How fitted	Hinged OT.			Pack. WT	Hing. WT	Stiff.	Hinged W.T.		
	No. of Toggles	10	8	Screwed down with a clamp (appr.)	95 mm.	5	5	6x3x.36"	5	3
Spacing of Cleats							725-800mm.			
Number of Tarpaulins							apart and secured by toggles max. 615 mm. apart.			

Steel access hatch on top of cover 790x790 mm. opening. Coaming 150x10 mm. W.T. hinged steel cover 8 mm. thickn. and secured by 5 toggles.

Particulars of any special features:— Gangway:



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