

Lloyd's Register of Shipping.

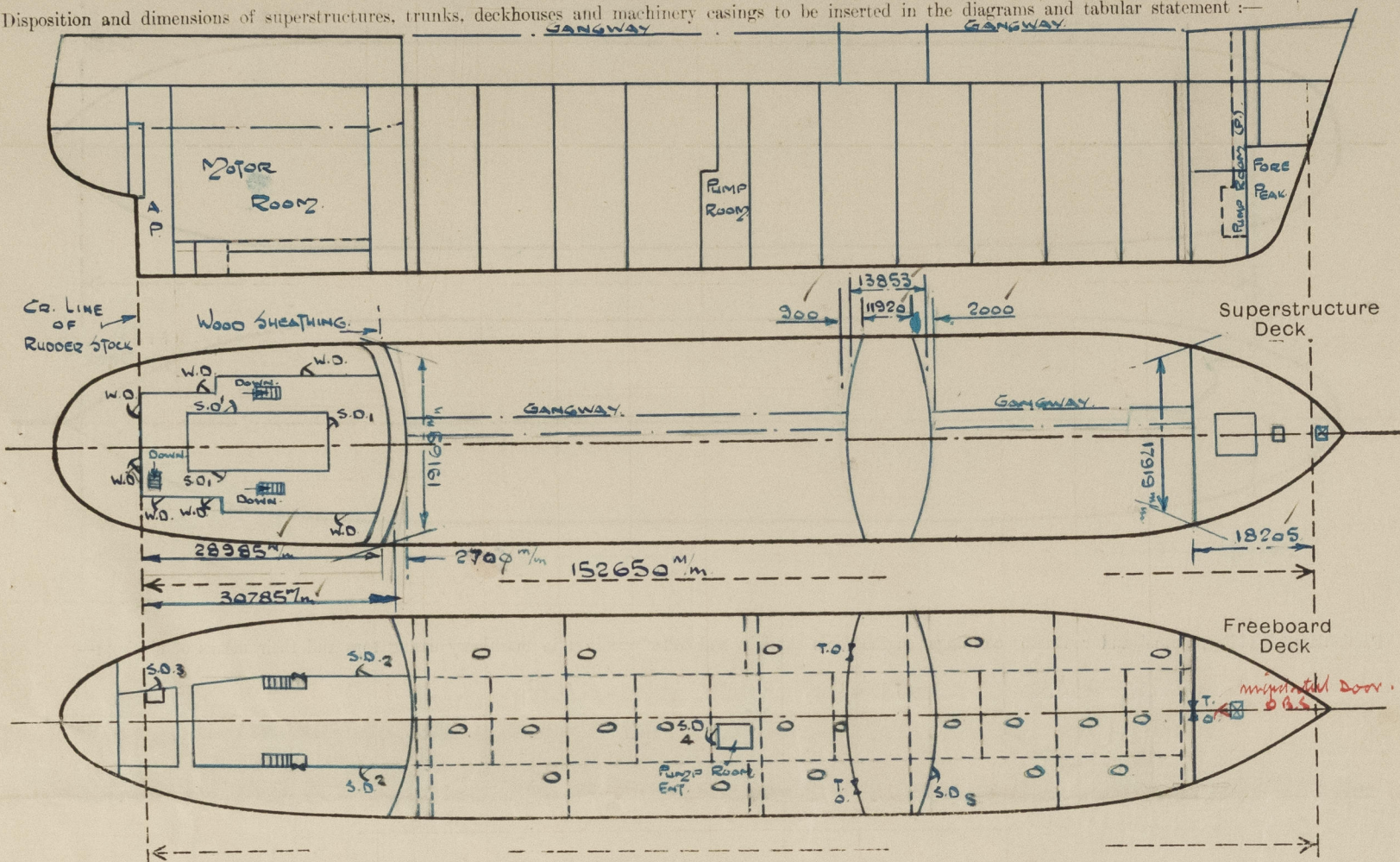
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

28 DEC 1951

Ship's Name M/T. "H A V E R U" Port of Survey M A L M Ö
Official Number _____ Surveyor's Signature James H. Young
Nationality and Port of Registry Norwegian Oslo 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.

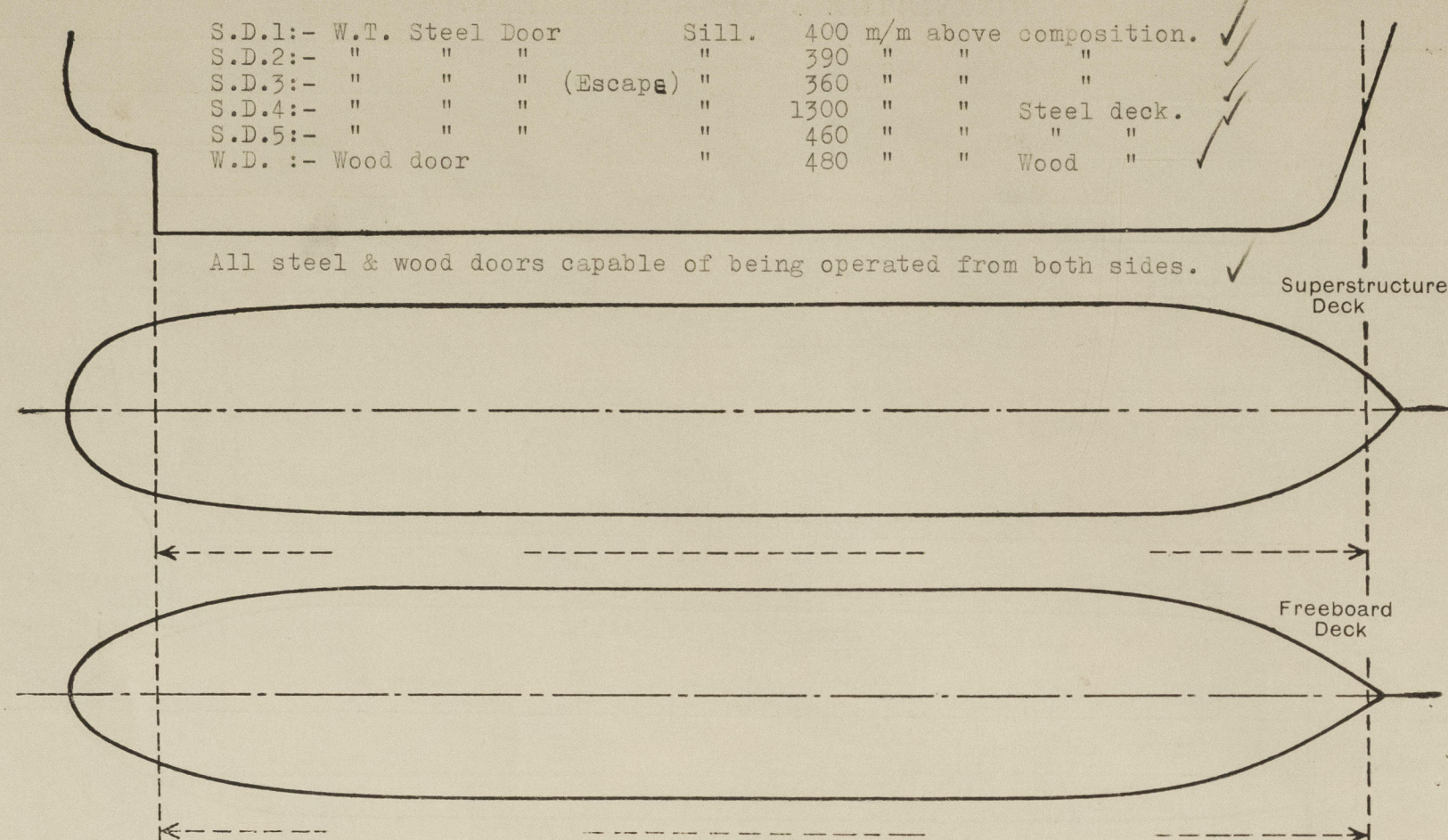
	Coaming	Plating	Stiffeners	Spacing m/m.	End Attachments of Stiffeners	Size of Openings m/m.	Height of Sills m/m.	Height of Casings m/m.
Poop Bulkhead ...	✓	.52"	9x4x9/16"	800 ✓	X	None	-	2379 ✓
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓	.34"	3x2 1/2 x 7/16"	865 ✓	XX	1300x940	585	2351 ✓
Bridge, Forward Bulkhead...	✓	.52"	9x4x9/16"	865 ✓	XXX	1525x967	460	2351 ✓
Forecastle Bulkhead...	✓	.32"	4x3x3/8"	800 ✓	XX	1250x1610	435	2301
Pump room amidships	✓	.30"	90x75x7 m/m.	600 ✓	-	1470x840	1300	3000
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...		x Centre:- Bkts top & bottom. Wings:- Bkts on top welded to dk at bottom.						
Exposed Machinery Casings on Superstructure Decks ...		xx 2 rivs. to dk longtl. at top.						
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...		xxx Weld + 2 rivs. to dk longtl. at top. Welded to dk at bottom.						
Deckhouses on Flush Deck Ships ...								

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

Poop Bulkhead ...	---
Raised Quarter Deck Bulkhead ...	---
Bridge, After Bulkhead ...	Portable wood boards in welded channels. ✓
Bridge, Forward Bulkhead ...	Hinged steel w.t. door manipulated from both sides. ✓
Forecastle Bulkhead...	Portable wood boards in welded channels. ✓
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 ...	
Main pump room amidships	Hinged steel w.t. door manipulated from both sides. ✓
Deckhouses on Flush Deck Ships ...	

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

Fidley openings fitted with hinged steel covers. ✓
 Funnel, ventilator coamings & engine room skylight are of substantial construction. ✓

Particulars of Flush Bunker Scuttles:—

None. ✓

Particulars of Companionways:—

In poop deckhouse. For doors see above. ✓

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

Ventilator coamings are substantially constructed & provided with means of closing. Vents. over 915 mm are adequately supported. ✓

Height of coamings on forecastle dk.	950 m/m	✓
" " " " bridge "	760 "	✓
" " " " poop "	770 " above wood dk.	✓

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

Air pipes on focle & poop are of Gooseneck type, & provided with means of closing. ✓

Height of coamings on forecastle dk.	950 m/m	✓
" " " " poop "	830/950 m/m.	✓

Air pipes on main dk. are of Gooseneck type & substantially supported to poop bulkhead & provided with means of closing on main dk. to cofferdams pipes are provided with closing valve. Height 950 m/m. ✓

Particulars of Gangway Cargo and Coaling Ports:—

None. ✓

Particulars of Scuppers and Sanitary Discharge Pipes:—

No scuppers below freeboard deck. ✓

Sanitary discharges from poop deckhouse & from poop space are led overboard above 2nd deck (accessible in motor room) & those from bridge deckhouse are led overboard about 8" above freeboard deck. All disch. are fitted with storm valves. ✓

Overboard discharge from potato cleaner and rubbish shoot in galley on poop deck fitted with screw-down valve in engine room below the load water line

Particulars of Side Scuttles:—

All side scuttles are of strong construction & are fitted with hinged deadlights. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel about 13640 m/m

Particulars of Guard Rails:—

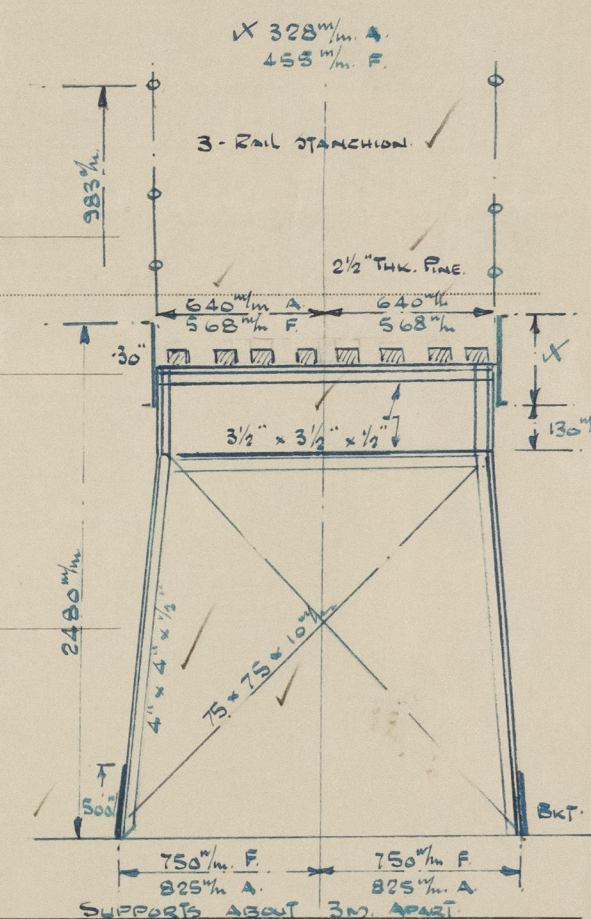
Poop dk. Open rails above stern height 1065 m/m.
 Bulwark at side & front.

Focle dk. Open rails height 1065 m/m.

Main dk. Open rails except from Fr. 63 forwd. where bulwark is fitted. Rails:-Height 1020 m/m.
 Bulwark 1020 m/m.

Particulars of Gangways, Lifelines, etc.:—

Gangway is fitted from poop to bridge & bridge to focle (see sketch)



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.												
			Freeboard dk.				Poop dk.			Poop dk.		
Description of Hatchway	...	...	Cargo oil tank	Vents. to carg. tank	Cross Bunker	Coffer-dam.	F.P. Store	Dry carg. hold.	Pump room	Pocle head	Aft. peak	Stores
Dimensions of Hatchway	...	...	1500x1044	590 mm dia.	475x400	590x455	1010x780	3370x3400	615x510	860x1160	1230x800	1120x1000
COAMINGS	Height above Deck	...	870 ✓	250 ✓	120 ✓	230 ✓	230 ✓	825	615	380	150	325
	Thickness { Sides	...	10 ✓	10 ✓	10 ✓	10 ✓	7 ✓	11	8 ✓	8.5 ✓	10 ✓	10 ✓
	Stiffeners ...	...	2-75x50x10	-	-	-	-	150x75x11	-	-	-	-
	Brackets, Stays	...	-	-	-	-	-	2 40x75	Fl. P. End.	Fl. P. & S. & A. End.	-	-
HATCH BEAMS	Number ...	...									
	Spacing ...	...									
	Scantling and Sketch	...										
	Bearing Surface	...	✓									
FORE AND AFTERS	Number ...	...									
	Spacing ...	...									
	Unsupported Lengths	...										
	Scantling* and Sketch	...	✓									
HATCH COVERS	Material ...	...	Steel									
	Thickness ...	...	46Stiff. 13mm	10mm	10mm	10mm	6mm	8	Stiff. 8mm	8mm	8mm	8mm
	How fitted	...	Hinged	Hinged	Bolted	Bolted	Hinged					
	Bearing Surface	...	Closed O.T. ✓	O.T. ✓	O.T. ✓	O.T. ✓	Closed O.T. ✓					
Spacing of Cleats	...	...	by toggles				by toggles					
Number of Tarpaulins...	...	...	- ✓							
*Are wood fore and afters steel shod at all bearing surfaces? - Are battens and wedges efficient and in good condition? - Are tarpaulins in good condition and in accordance with rule requirements? - Are lashings provided in accordance with rule requirements? -												

Particulars of any special features:—

Longitudinal framing.

Electrically welded.



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