

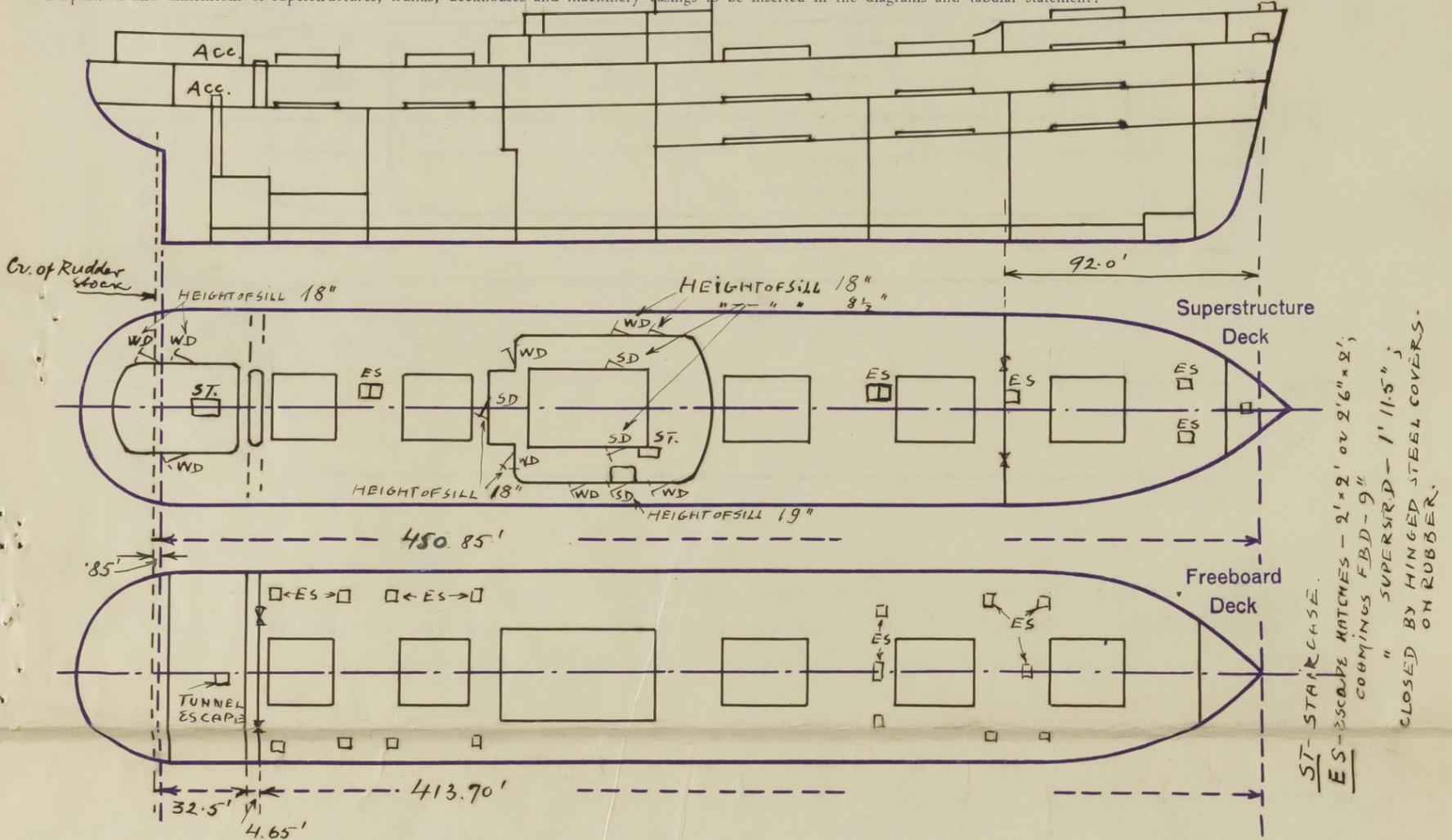
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name OLAV BAKKE Port of Survey Gothenburg.
 Official Number..... Surveyor's Signature M. Hoffmann
 Nationality and Port of Registry Norwegian, Haugesund. Date of Survey During construction.

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

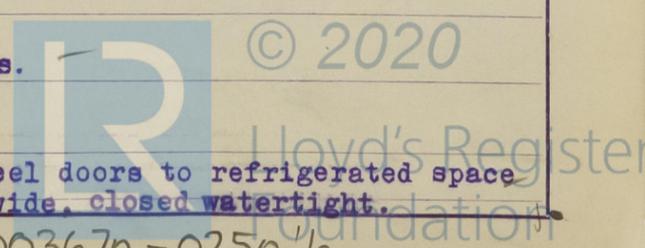


Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	Fr. 15	6.5	100x65x8	705-800	None	None	-	--
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead	Fr. 17	6.5	100x65x8	705-900	None	970 x full height	None	--
Bridge, Forward Bulkhead								
Forecastle Bulkhead on Sh.Dk.	Fr. 155	8.0	100x65x8	700	None	2 openings 950 x full height	None	--
Trunk, Aft								
Machinery Casings on Freeboard Deck	Sides	7.0	75x65x7	710	Both ends riveted to beams	None	--	9'-0"
Machinery Casings on Superstructure Deck	Ends {Fr. 63 Fr. 90}	6.5	{150x75x8 75x65x7}	{705 655-730}	None	None	--	--
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	Sides	6.5	75x65x7 ^{x)}	710	Lower end riveted to beam - Upper with bracket to boat dk	1700x700	220	8'-6"
Shelter Deckhouses on XXX Deck Ships	Ends {Fr. 67 Fr. 88}							
				^{x)} every second fitted with rev. bar		75x65x7		
				Breadth of doors = 750.			450-420	

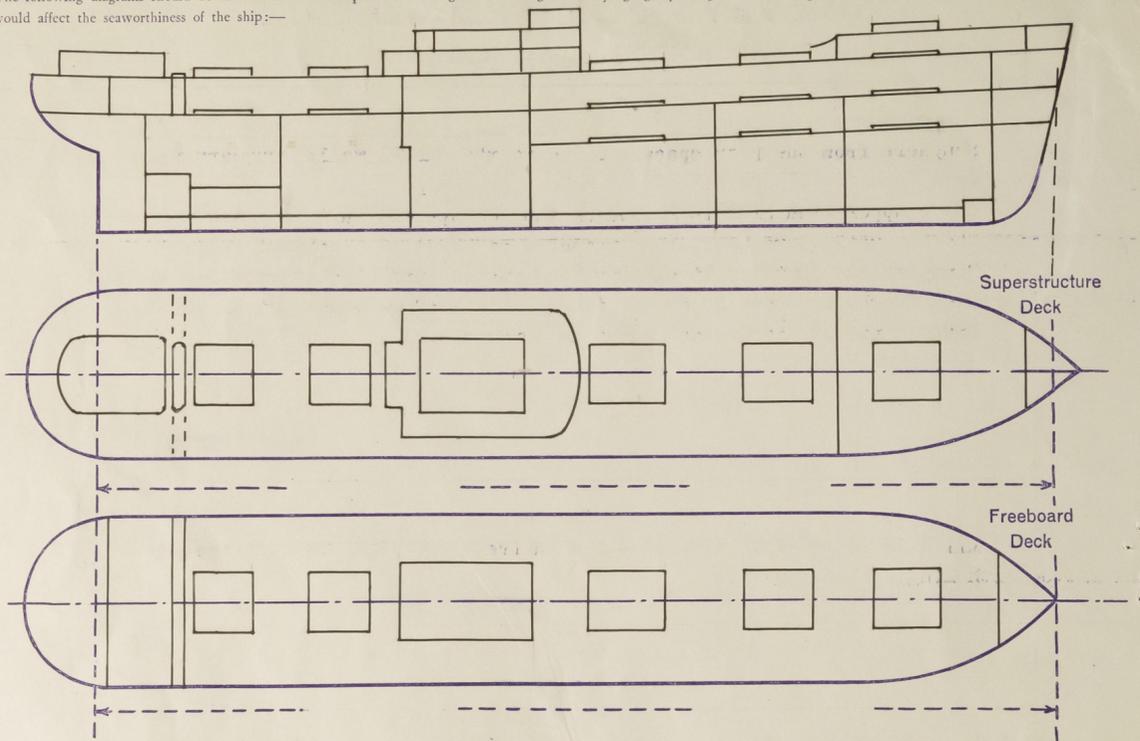
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	No openings.
Raised Quarter Deck Bulkhead	--
Bridge, After Bulkhead	Steel shifting boards in welded channels.
Bridge, Forward Bulkhead	--
Forecastle Bulkhead on Sh.Dk.	Hinged steel doors and hooked steel plates.
Machinery Casings on Freeboard Deck	No openings.
Machinery Casings on Superstructure Deck	Hinged steel doors manipulated from both sides.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	
Shelter Deckhouses on XXX Deck Ships	All wood doors 750 mm. wide, 50 mm. thick; steel doors to refrigerated space hinged, manipulated from both sides, 750 mm. wide, closed watertight.



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

Motorship. - Funnel and ventilators on top of boat deck are efficiently constructed and supported. Engine room skylight of steel of substantial construction.

Particulars of Flush Bunker Scuttles:— None.

Particulars of Companionways:—

None fitted. Entrance to crew's accommodation through steel deck house aft.

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

All ventilators on superstructure deck are 1600 mm. high or above, efficiently constructed and supported and provided with means of closing.

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

All air pipes are 1000 mm. high or above, of steel, of goose neck type and all fitted with canvas covers.

Particulars of Gangway Cargo and Coaling Ports:—

None fitted.

Clav Bakke.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers from the poop space are led to the tunnel well; scuppers from the 'tween deck space on freeboard deck are led to motor room bilges amidships.

One scupper each side is fitted in the tonnage well aft with non-return valve operated from the superstructure deck, led overboard at level of freeboard deck.

Scuppers and sanitary discharges from spaces amidships above superstructure deck (9 each side) are led overboard above freeboard deck, all fitted with non-return valves.

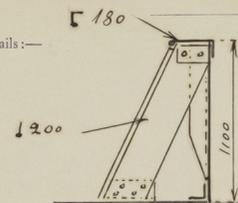
Ditto sanitary discharges from deck house aft.

Particulars of Side Scuttles:—

All side scuttles in accommodation on freeboard deck are of substantial construction and fitted with hinged dead-lights.

Vertical distance of Sill of lowest Scuttle above top of keel About 12 metres (1.85 above freeboard deck in accommodation aft).

Particulars of Guard Rails:—

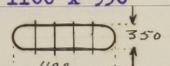


Bulwark is fitted on superstructure deck aft of forecastle. Stanchions on every second beam. Substantially constructed open rails fitted on forecastle deck, height 1070 mm., ϕ 41 mm., stanchions spaced 1400 mm., every second stanchion supported by a stay - Two intermediate rails.

Particulars of Gangways, Lifelines, etc.:—

None fitted.

Particulars of Freeing Arrangements.

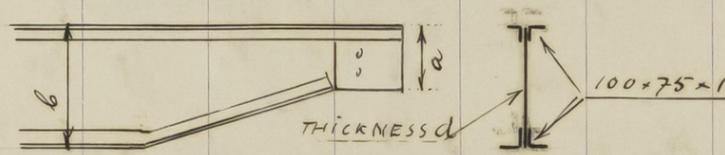
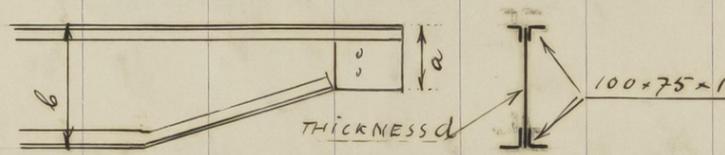
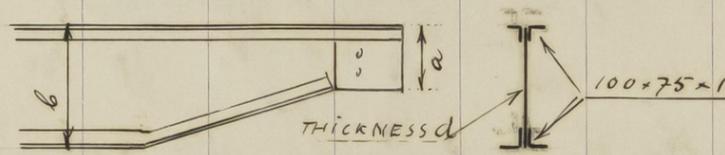
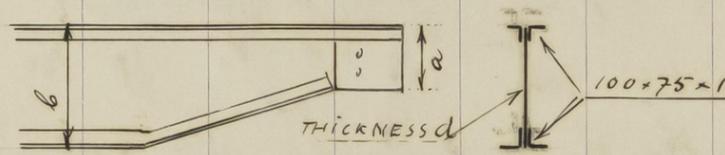
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Well } Fr. 0-155	109 metres	1100	1100 x 350	10	3.58 M ³	2.95 M ³
Well }						

State position of each freeing port } After Well:— 16-18, 28-30, 38-40, 48-50, 58-60 frame spaces.
(F. and A. position and height above deck edge) } Forward Well:— 99-101, 109-111, 121-123, 133-135, 145-147 frame spaces.
240 mm.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— Four vertical bars ϕ 23 mm.

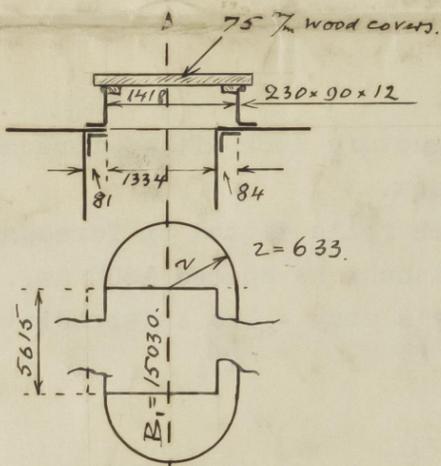
Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

Description of Hatchway	Hatchways on Freeboard and Superstructure Decks.											
	Freeboard deck					Freeboard deck						
	1	2	3	4	5	1	2	3	4	5		
Dimensions of Hatchway	Length	8.55	9.95	11.35	9.95	8.53	8.55	9.95	11.35	9.95	8.53	
	Breadth	5.64	5.64	5.64	5.64	5.64	5.64	5.64	5.64	5.64	5.64	
COAMINGS	Height above Deck	815	815	815	815	815	230	230	230	230	230	
	Thickness	Ends	11	11	11	11	11	11	11	11	11	
		Sides	11	11	11	11	11	11	11	11	11	
	Stiffeners	longitud. 180x75x10	300x90x13			180x75x10	None, coamings of 230x90x11					
	Brackets, Stays	2	3	3	3	2						
HATCH BEAMS	Number	5	6	7	6	5	5	6	1	6	5	
	Spacing	1420	1420	1420	1420	1420	1420	1420	450	1420	1420	
	Scantling and Sketch	a	210	180	150	150	150	210	210	450	210	210
		b	405	360	300	300	300	430	460	450	420	420
		d	9	8.5	9	8	8	9	9	9	9	9
Bearing Surface	75	75	75	75	75	75	75	75	75	75		
FORE AND AFTERS	Number	Webs thus:										
	Spacing											
	Unsupported Lengths											
	Scantling* and Sketch											
	Bearing Surface											
HATCH COVERS	Material	Wood					Wood					
	Thickness	75 mm.					62 mm.					
	How fitted	Fore and aft					Athwartsh. Fore and aft					
	Bearing Surface	75					75					
Spacing of Cleats	.57	.55	.565	.55	.57	.57	.55	.565	.55	.57		
Number of Tarpaulins	2					1						

*) 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:—



Efficient temporary battening arrangements.

Wood sheathing on shelter deck above accommodation aft.

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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