

LLOYD'S REGISTER OF SHIPPING

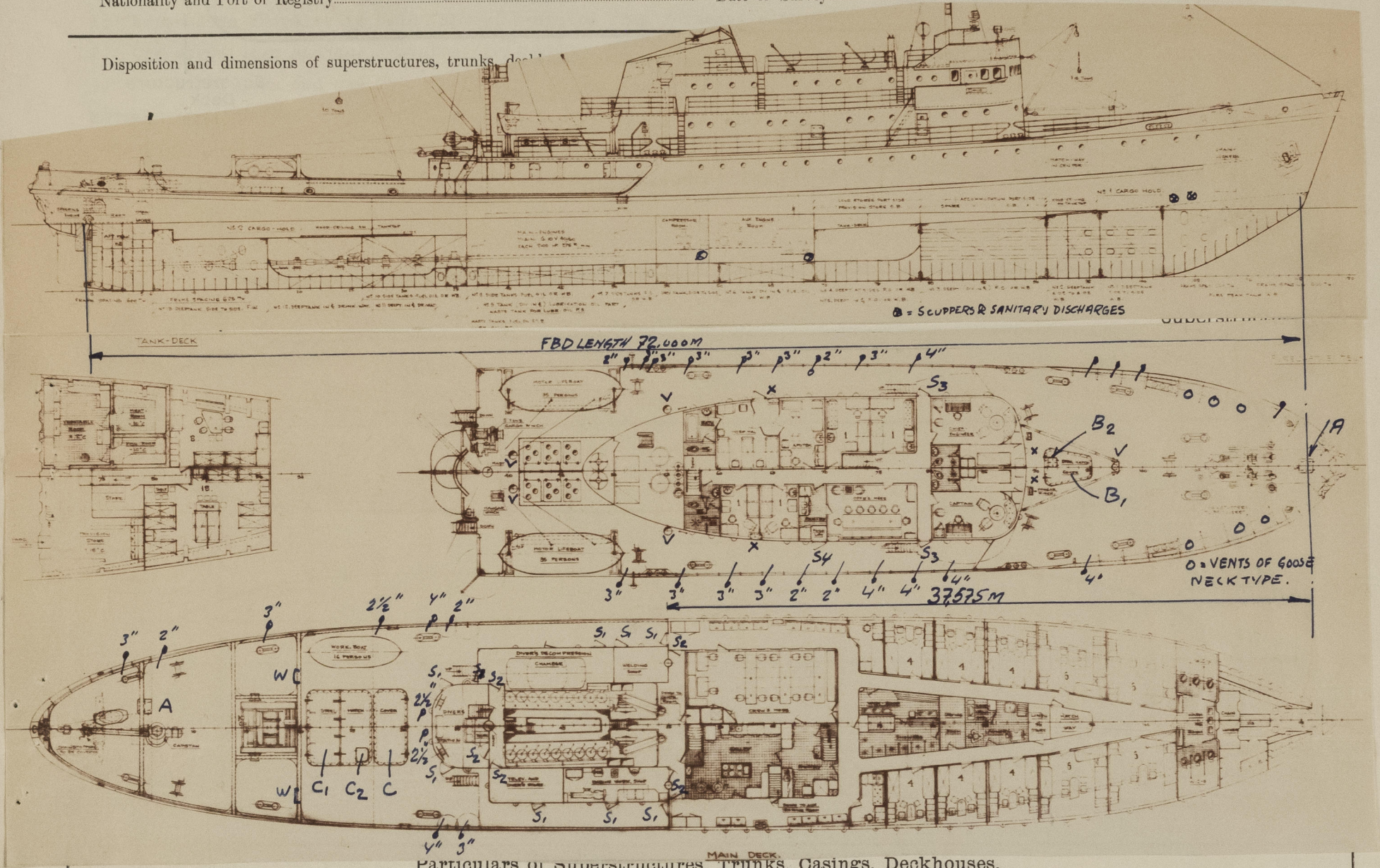
Index No.
(For London Office only.)

SURVEYS FOR FREEBOARD

(CONDITIONS OF ASSIGNMENT)

Ship's Name "ARBAN" Port of Survey Gävle
Official Number..... Surveyor's Signature *H. O. Oelertson*
Nationality and Port of Registry Russian, Leningrad Date of Survey Whilst building

Disposition and dimensions of superstructures, trunks, etc.



Particulars of Superstructures, Trunks, Casings, Deckhouses.

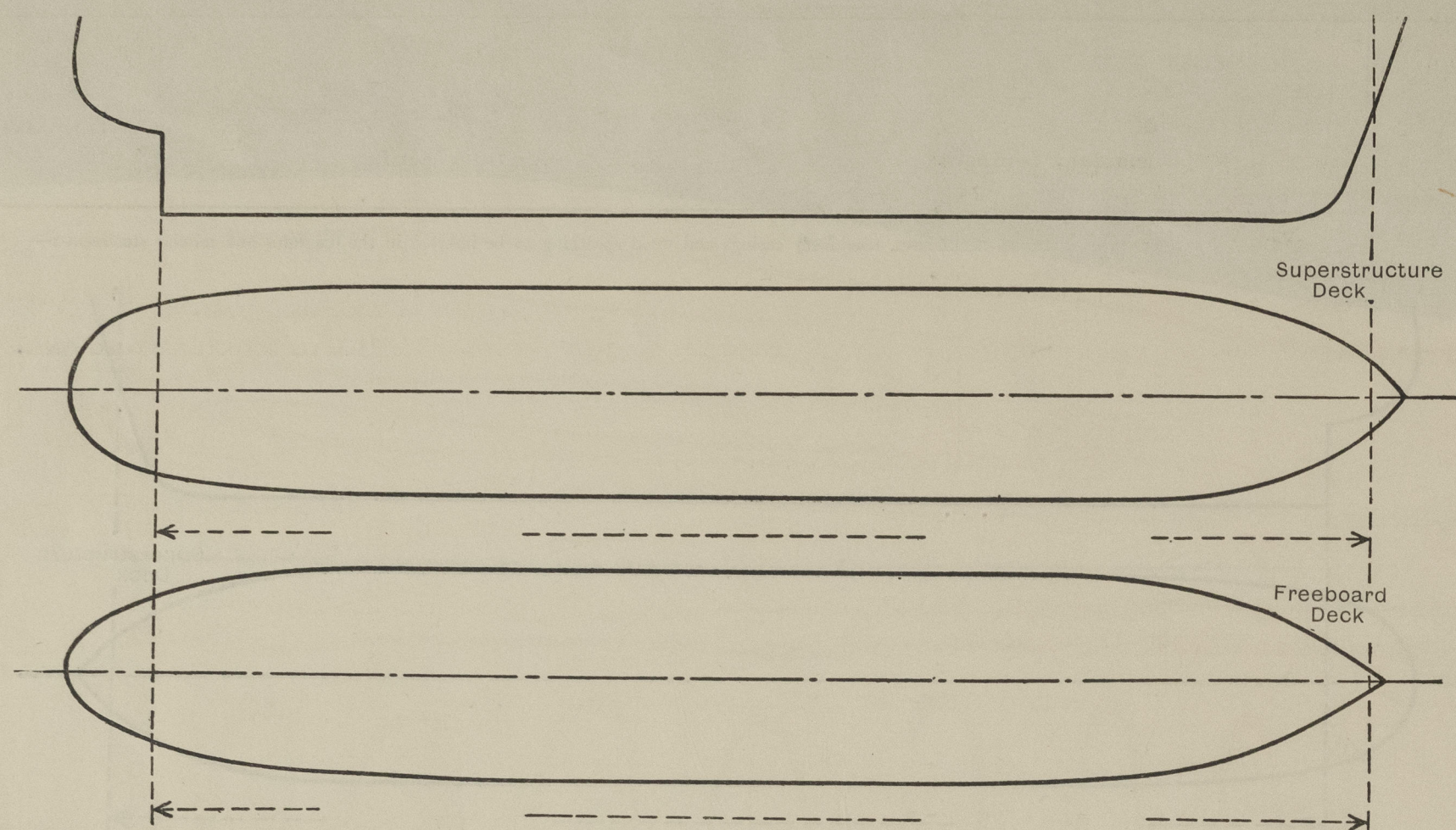
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills'	Height, Beam to Beam
Poop Bulkhead								
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead								
Bridge, Forward Bulkhead								
Forecastle Bulkhead... ..		6/7	80 x 65 x 6 $\frac{1}{2}$ 75 x 65 x 6.5 $\frac{1}{2}$	600 \checkmark 600 \checkmark	Welded to beam top, none btm	1200 x 630 \checkmark	610 (S ₁) \checkmark	2300 \checkmark
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...		6/7	90 x 60 x 6 $\frac{1}{2}$ left \checkmark 65 x 600 corrugated sides \checkmark	700 \checkmark	None T & Btm E.W. T & Btm \checkmark	1870 x 680 \checkmark	100 (S ₂) \checkmark	2300 \checkmark
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances								
Deckhouses on forecastle deck and Pump Room Entrance	Front Sides	8 \checkmark 8 \checkmark	105 x 7 $\frac{1}{2}$ \checkmark 90 x 7 $\frac{1}{2}$ \checkmark	700/600 \checkmark	E.W. Top and Btm \checkmark	1330 x 630 \checkmark	610 (S ₃) \checkmark	2300 \checkmark

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

Poop Bulkhead	
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead	
Bridge, Forward Bulkhead	
Forecastle Bulkhead... ..	Hinged strong steel doors, W.T., packed and fitted with 2 toggles, operated from both sides class 1. \checkmark
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...	Hinged steel doors operated from both sides. \checkmark
Exposed Machinery Casings on Superstructure Decks	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	
Deckhouses on forecastle deck and Pump Room Entrance	Hinged strong steel doors, W.T., packed and fitted with 2 toggles, operated from both sides. \checkmark

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, side scuttles, scuppers, 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 :-

Funnel, ventilator coamings, and E.R. skylight strongly constructed of steel.

E.R. skylight fitted with hinged steel flaps with strong bullseye lights.

Particulars of Flush Bunker Scuttles :-

None.

Particulars of Companionways :- Entrance to accommodation below freeboard deck situated in forecastle.

(including those incorporated in deckhouses and masthouses) Small hatches, particulars please see page 4.

Opening in deckhouse side for food lift 700 x 700, situated 800 above forecastle deck (S₄) and fitted with hinged steel door, W.T. packed and fitted with 4 toggles.

In forecastle: Sill to Hold 480 mm, opening protected by trunk, all other sills in forecastle leading to spaces below freeboard deck 100 mm, openings protected by stairways.

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

Vents of goose neck type of steel 240 x 170 mm, height 640 mm, hinged steel cover for closing 6.5 mm.

Ordinary vents: 1 - 315 mm dia - height above fcle deck 1800 - steel 10 mm.

2 - 470 mm dia - height 1000 above bridge deck - steel 10 mm.

2 - 470 mm dia - height 2100 above fcle deck - steel 10 mm.

All ventilators are efficiently supported and fitted with wood and canvas covers for closing.

Ventilators inside deckhouse, "X" on sketch, are led to deck house sides or front, 860 mm above fcle deck or more with openings 440/640 x 320/760, capable of being W.T. closed by hinged steel covers 6.5 mm thick.

Vents on main deck aft, "W" on sketch, 2 - 450 x 220 - height 1650 above main deck, opening facing aft 400 x 460, capable of being W.T. closed by hinged steel covers 6.5 mm.

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

All air pipes of steel of goose neck type and 915 mm in height or more.

Wood plugs for closing.

Gauze wire in pipes to oil tanks.

Particulars of Gangway Cargo and Coaling Ports :-

None.

Particulars of Scuppers and Sanitary Discharge Pipes :-

All scuppers and sanitary discharges from spaces above freeboard deck, led to ship's side (port side), below freeboard deck, (X) on sketch and fitted with:-

1) Screw-down NR-valve in Hold forward operated from forecastle deck with o/s indicator.

2) One screw down and one NR-valve, in Auxiliary E.R.

3) One screw down and one NR-valve, in E.R.

Forecastle deck drained by scuppers situated in stringer plate and led to open part of freeboard deck.

Exposed freeboard deck drained by scuppers in stringer plate led to ship's sides about 1300 mm below freeboard deck.

Particulars of Side Scuttles and Deadlights :-

All side scuttles of steel 300 mm dia, and fitted with hinged steel dead lights.

Vertical distance of Sill of lowest Side Scuttle above top of keel None below freeboard deck.

Distance from amidships to centre of lowest Side Scuttle

Particulars of Guard Rails and Bulwarks :-

Bulwark on main deck: 6.5 mm plating, height 1150, strong supports 8 thick, 400 at base and flanged 90 and spaced 1250.

Guard rails on fcle: Top bar 2 1/2" dia and two bars, height 1150, strong stanchions spaced 1100.

Particulars of Gangways, Lifelines, etc. :-

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Along Main deck ...	Hanging bulwark, opening 100 mm, height above deck edge 135.					
Along Fcle ...	Guard rails.					

State position of each freeing port ... { After Well :-
(P. 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.

ARBAN.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.												
Description of Hatchway			A	B ₁	B ₂	C	C ₁	C ₂				
Dimensions of Hatchway			810x810 ✓	2500 x 2000/1100 ✓	500 x 540 ✓	1700 x 4200 ✓	3575 x 4200 ✓	700 x 800 ✓				
COAMINGS	{	Height above Deck ...	610 ✓	850 ✓	1080 ✓	850 ✓	850 ✓	1060 ✓				
		Thickness { Sides ...	10 ✓	11 ✓	10 ✓	11 ✓	11 ✓	10 ✓				
			Ends ...	10 ✓	11 ✓	10 ✓	11 ✓	11 ✓	10 ✓			
		Stiffeners ... { Sides ...	-	150x75x12 ✓	-	150x75x12 ✓	150x75x12 ✓	150x75x12 ✓	-			
		Brackets, Stays { Ends ...	-	1 S ✓	-	1 S ✓	1 E ✓	1 E ✓	-			
STEEL HATCH COVER STIFFS.	{	Number .and ...		3 Trans ✓		1 Trans ✓	2 Trans ✓					
		Spacing ...		100x65x8 ✓		92x8 ✓	250x90x13.5 ✓					
		Scantling and Sketch ...		1 Long. ✓		7 Long. ✓	7 Long. ✓					
				150x75x12 ✓		100x75x8 ✓	100x75x8 ✓					
	{	Bearing Surface ...										
FORE AND AFTERS	{	Number ...										
		Spacing ...										
		Unsupported Lengths ...										
		Scantling* and Sketch ...										
	{	Bearing Surface ...										
HATCH COVERS	{	Material ...	Steel ✓	Steel ✓	Steel ✓	Steel ✓	Steel ✓	Steel ✓				
		Thickness ...	6.5 ✓	7/10 ✓	7 ✓	7 ✓	7/10 ✓	7 ✓				
		How fitted ...	Hinged ✓	Hinged ✓	Hinged ✓	Hinged ✓	Hinged ✓	Hinged ✓				
		Bearing Surface ...	WT Packed ✓	WT Packed ✓	WT Packed ✓	WT Packed ✓	WT Packed ✓	WT Packed ✓				
Spacing of chairs Toggles... ..			6 toggles ✓	400/375 ✓	6 toggles ✓	400 ✓	400 ✓	6 toggles ✓				
Number of Tarpaulins... ..												
<p>*Are wood fore and afters steel shod at all bearing surfaces ? -</p> <p>Are battens and wedges efficient and in good condition ? -</p> <p>Are tarpaulins in good condition and in accordance with rule requirements ? -</p> <p>Are lashings provided in accordance with rule requirements ? -</p> <p>Are wood covers fitted with galvanised end bands ? -</p>												

Particulars of any special features :— (Timber Deck-cargo Fittings, Skylights, Sewage Systems, Ash Ejectors, Rubbish Shoots, etc.)

Steel hatch covers approved by Gothenburg office. ✓

