

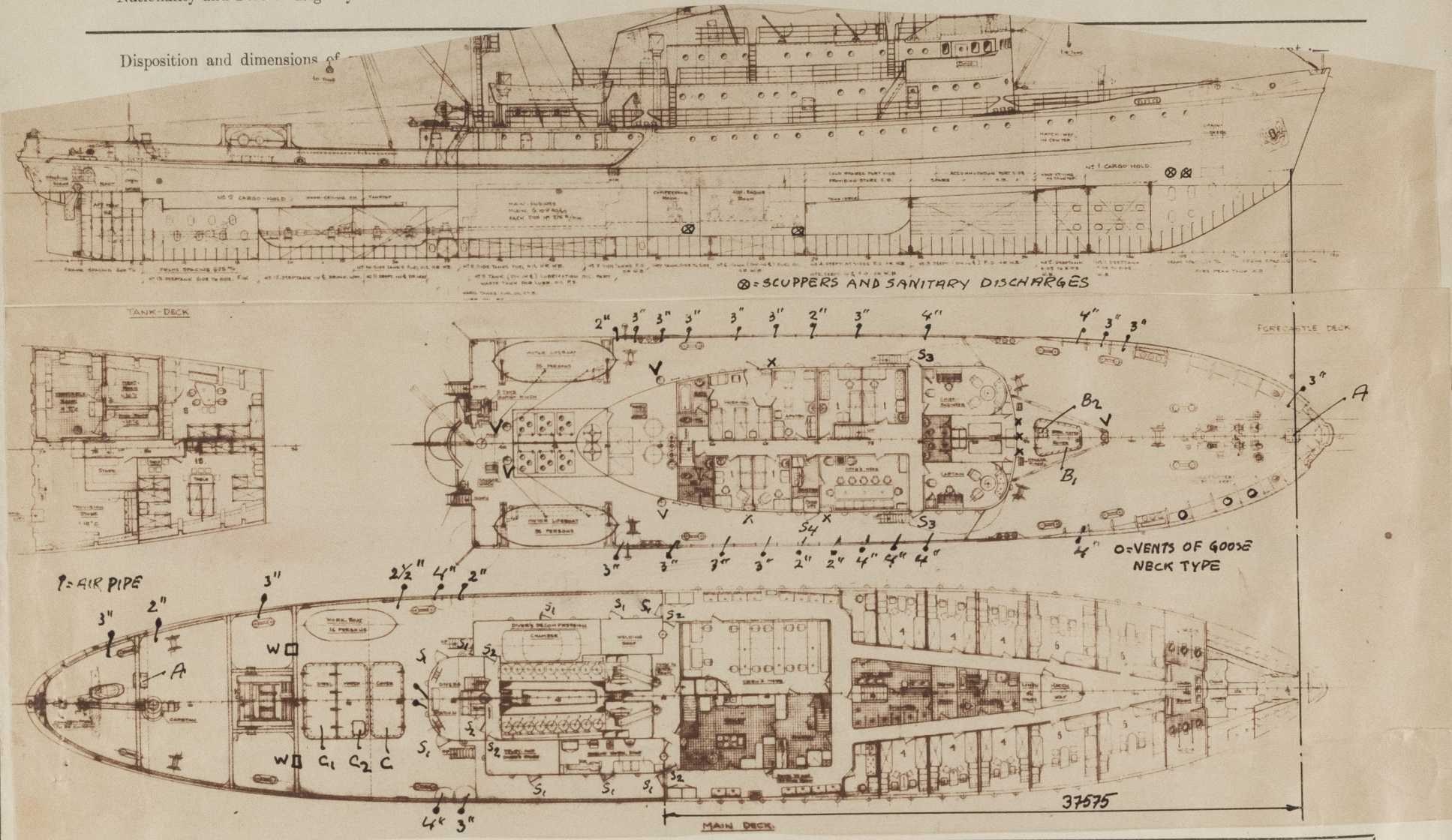
LLOYD'S REGISTER OF SHIPPING

Index No. ....  
(For London Office only.)

SURVEYS FOR FREEBOARD

(CONDITIONS OF ASSIGNMENT)

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



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 $\Gamma$ 75 x 65 x 6.5 $\Gamma$	600 ✓ 600 ✓	Welded to beam top, none btm	1200 x 630	610 (S <sub>1</sub> )	2300
Trunk, Aft ... ..								
Trunk, Forward ... ..								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...		6/7 ✓	90 x 60 x 6 $\Gamma$ aft 65 x 600 corrugated sides	700 ✓ corrugated sides	None t & btm EW t & btm	1870 x 680	100 (S <sub>2</sub> )	2300
Exposed Machinery Casings on Superstructure Decks ... ..								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..								
on Forecastle deck	Front	8 ✓	105 x 7 $\Gamma$	700/600	EW top	1330 x 630	610 (S <sub>3</sub> )	2300
Deckhouses and Pump Room Entrances	Sides	8 ✓	90 x 7 $\Gamma$		and btm			

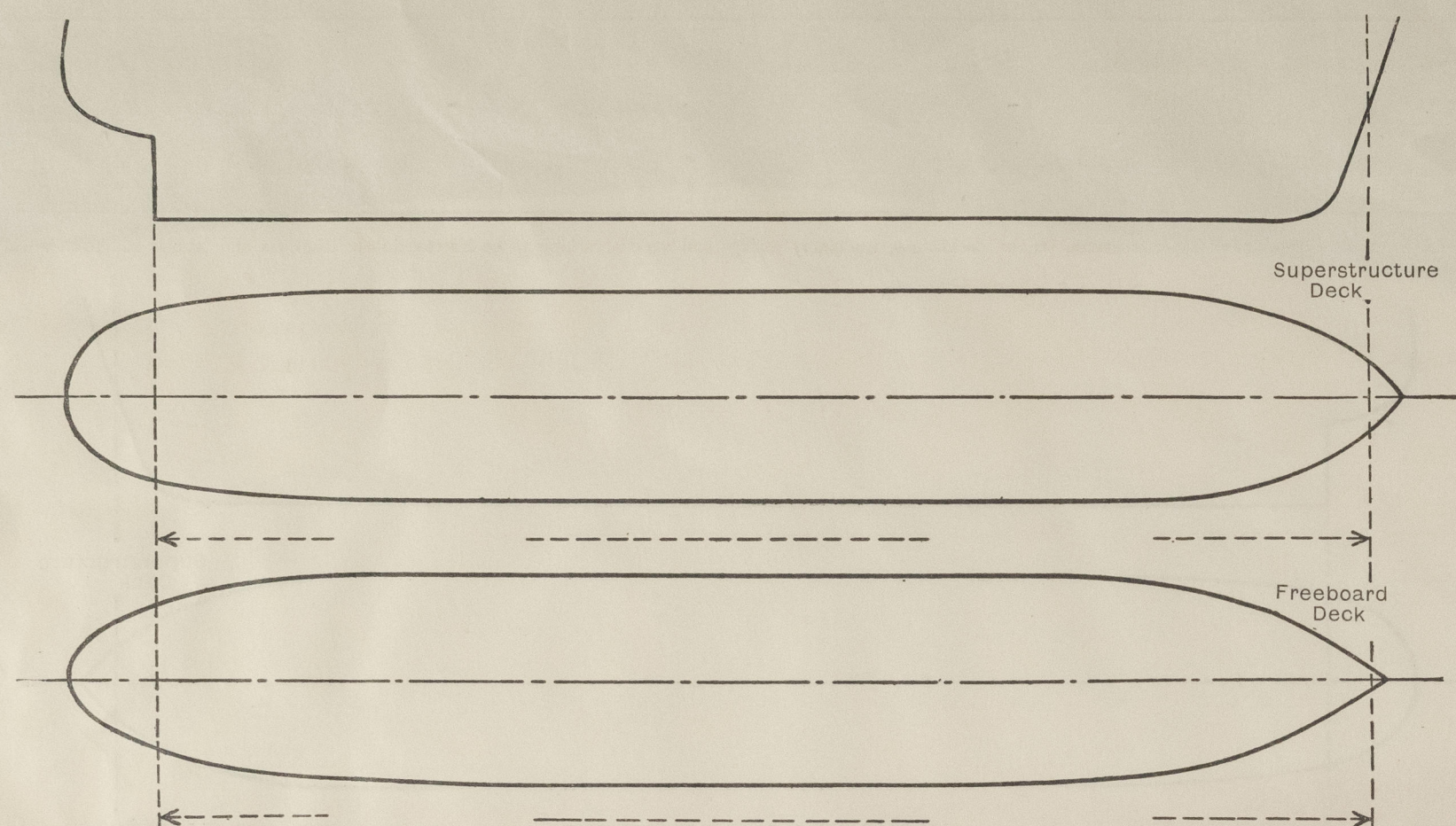
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

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 ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Hinged steel doors operated from both sides. ✓
Exposed Machinery Casings on Superstructure Decks ... ..	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	
on Forecastle deck	
Deckhouses and Pump Room Entrances	Hinged strong steel doors, W.T., packed and fitted with 2 toggles, operated 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, side scuttles, scuppers, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



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

Funnel, ventilator coamings and ER skylight strongly constructed of steel.

ER 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 deck house side for ford lift 700 x 700, situated 800 above forecastle deck (S<sub>4</sub>) 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, hinged steel cover for closing 6.5 mm.

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

2 - 470 " " - " 1000 Above bridge deck - steel 10 mm.

2 - 470 " " - " 2100 Above forecastle deck - steel 10 mm.

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

Ventilators in side deckhouse, "X" on sketch are led to deck house sides or front, 860 mm above forecastle deck or more, with openings in 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 forecastle:— 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
<del>After Well</del> Main deck ...	Hanging bulwark,	opening 100 mm,	height above deck edge 135.			
<del>Forward Well</del> Forecastle	Guard rails.					
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.											
Description of Hatchway ... ..				A	B <sub>1</sub>	B <sub>2</sub>	C	C <sub>1</sub>	C <sub>2</sub>		
Dimensions of Hatchway ... ..				810x810 ✓	2500 x 2000/1100 ✓	500x540	1700 x 4200	3575 x 4200	700x800		
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 ✓	-		
		Brackets, Stays {	Ends ...	-	1 S ✓	-	1 S ✓	1 E ✓	-		
STEEL HATCH COVERS	{	Number ... and ...		3 trans ✓		1 trans ✓	2 trans ✓				
		Spacing ...		100x65x8 ✓		92x8 ✓	1250x90x13.5 ✓				
		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 <del>cleats</del> 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.

