

LLOYD'S REGISTER OF SHIPPING

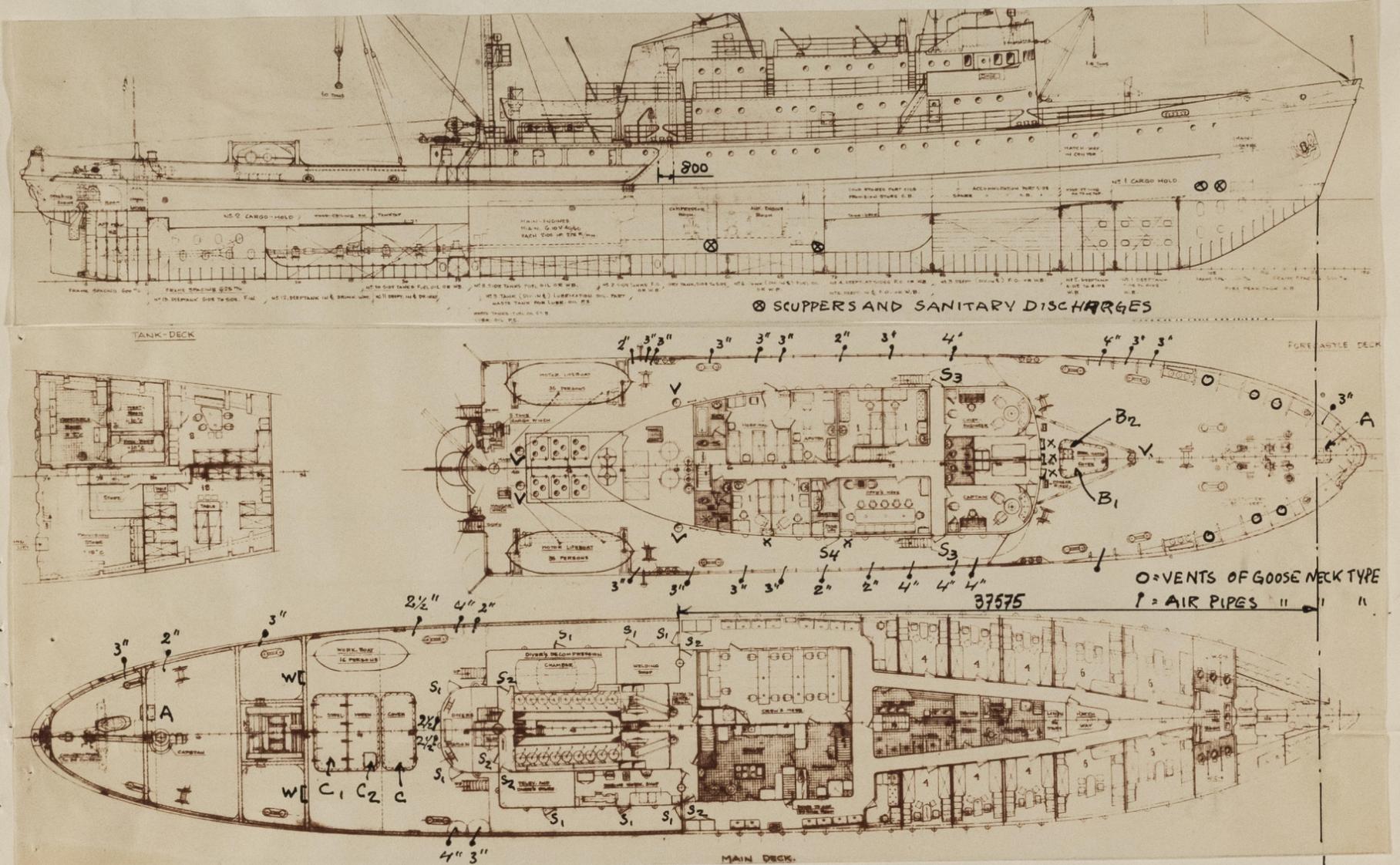
Index No. (For London Office only.)

SURVEYS FOR FREEBOARD

(CONDITIONS OF ASSIGNMENT)

Sister to AGATION

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



Particulars of Superstructures, Trunks, Casings, Deckhouses.

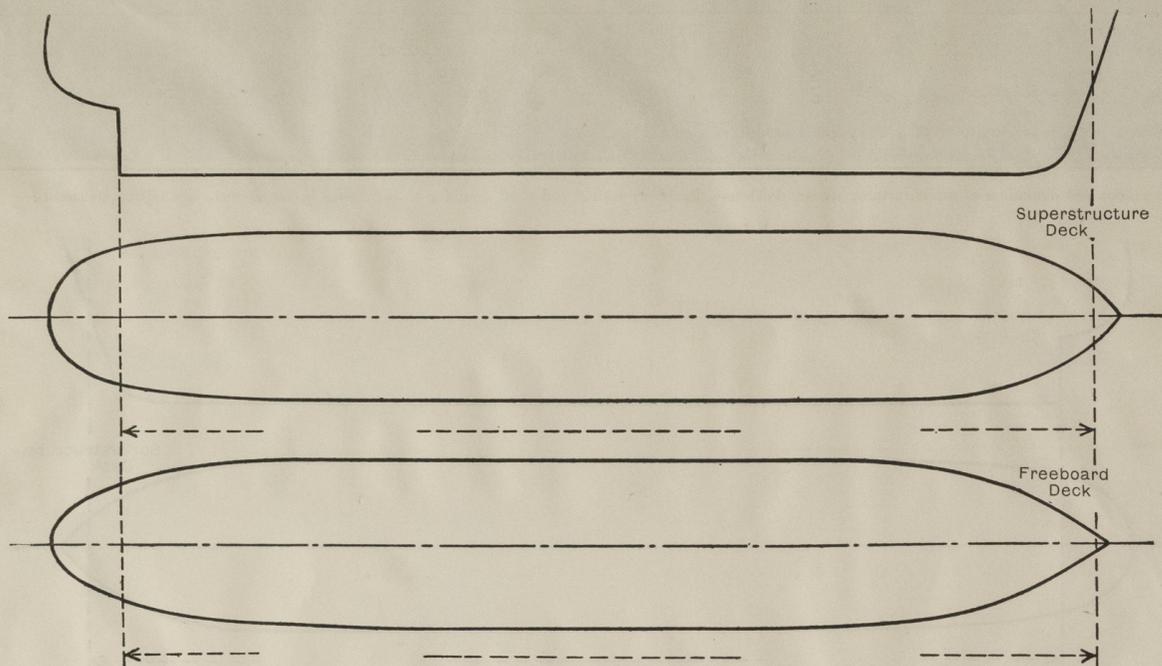
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height, Beam to Beam
Poop Bulkhead ...								
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...								
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ...		6/7 ✓	80 x 65 x 6 75 x 65 x 6.5	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 65 x 600 corrugated sides	700	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 Sides	8 ✓	105 x 7 90 x 7	700/600	EW top and btm	1330 x 630	610 (S <sub>3</sub> )	2300 ✓
Deckhouses and Pump Room Entrances								

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.
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	Hinged strong steel doors, W.T, packed and fitted with 2 toggles, operated from both sides.
Deckhouses and Pump Room Entrances	

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 fole deck 1800 - steel 10 mm. ✓

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

2 - 470 mm dia - height 2100 above fole 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 fole 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.

*Aldan.*

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, @ 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 fole: 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
After Well Main Deck ...	Hanging bulwark,	opening 100 mm,	height above deck edge	135.		
Forward Well Fole ...	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	810 x 810	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	-	150x75x12	-	150x75x12	150x75x12	-	
Brackets, Stays	-	1 S 1 E	-	1 S 1 E	1 E	-		
STEEL HATCH BEAMS COVER STIFFS.	Number and Spacing	-	3 trans 100x65x8	-	1 trans 92x8	2 trans 250x90x13.5	-	
	Scantling	-	1 long 150x75x12	-	7 long 100x75x8	7 long 100x75x8	-	
	Bearing Surface	-	-	-	-	-	-	
	Number ...	-	-	-	-	-	-	
FORE AND AFTERS	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 Cleats	6 toggles	400/375	6 toggles	400	400	6 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? -
- Are wood covers fitted with galvanised end bands? -

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

Steel hatch covers approved by Gothenburg office.



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