

LLOYD'S REGISTER OF SHIPPING

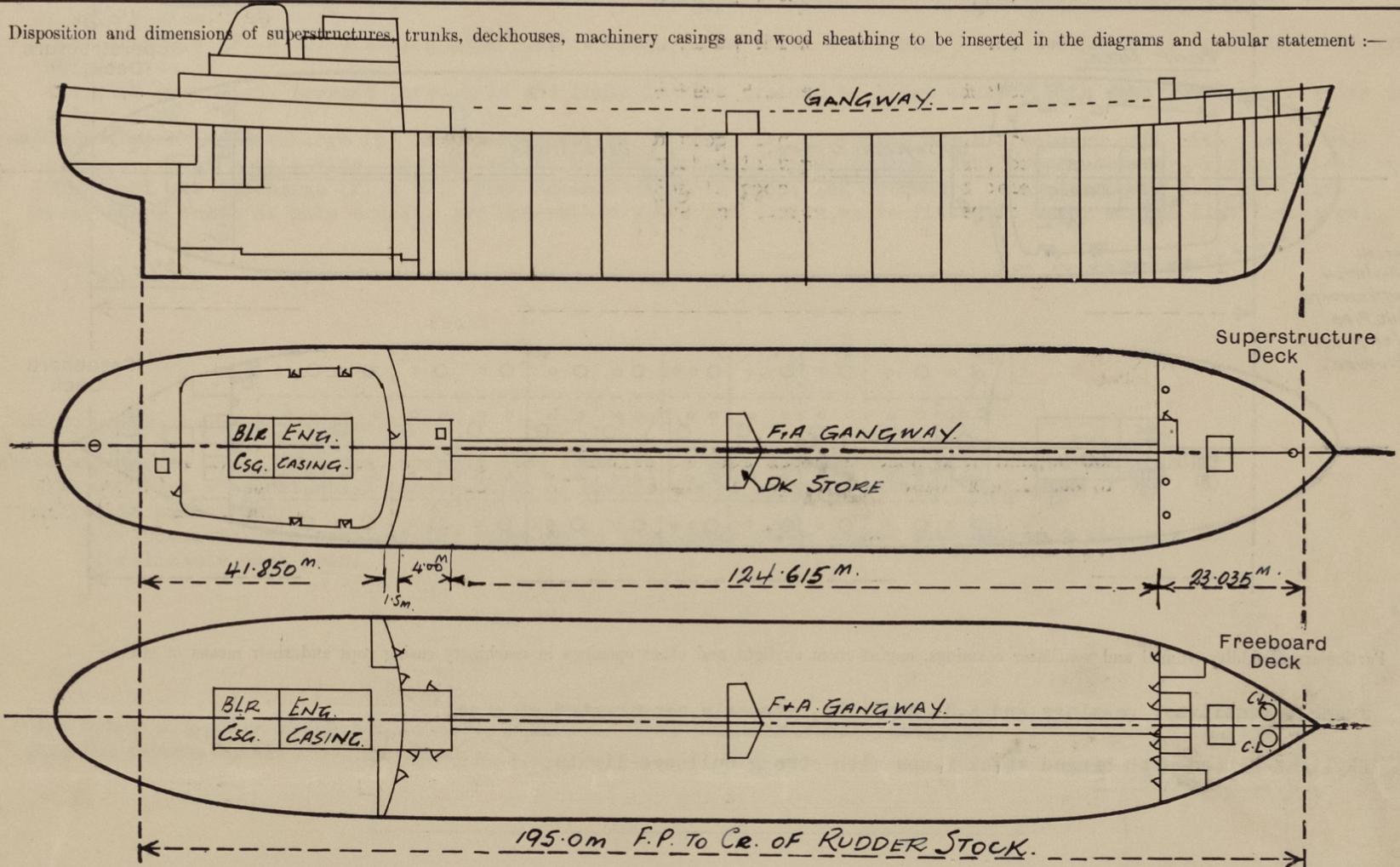
Index No. (For London Office only.)

SURVEYS FOR FREEBOARD
(CONDITIONS OF ASSIGNMENT)

F-11838

Ship's Name "LOZOVAYA" Port of Survey Aioi, Japan
 Official Number 983 Surveyor's Signature H. McLean
 Nationality and Port of Registry Russian, Odessa Date of Survey Whilst Building

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



Particulars of Superstructures, Trunks, Casings, Deckhouses.

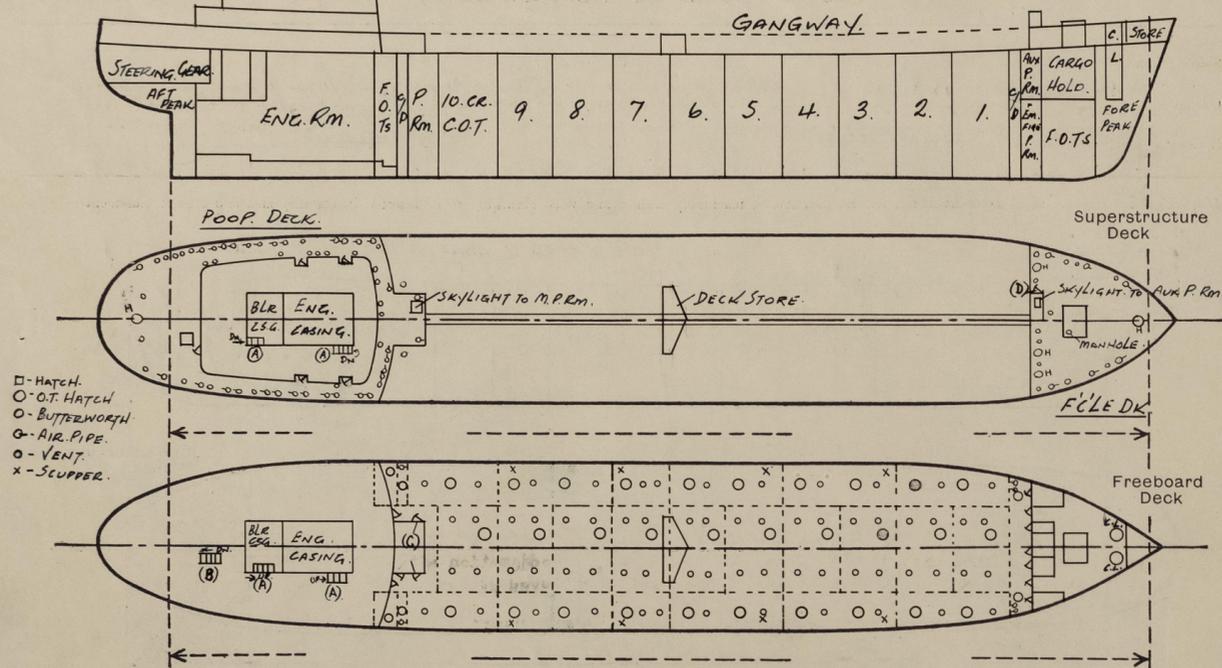
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Least Height, Beam to Beam
Poop Bulkhead ...	12	12	300x90x13/17 I.A.	845	Bkts at Top Welded at Btm	2@1500x700 4@1300x700	460 610	2.60M
Pipe passage and pump rm. entrance								
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...								
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ...	8	8	100 x 75 x 7 I.A.	845	None	2@1500x900 1@1300x700 4@1500x700	460 610 460	2.30M
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...								
Machinery Casings within Superstructure Decks ...								
on Poop Deck	7	7	100 x 75 x 7 I.A.	680 & 750	Welded Top & Bottom	5@1700x700	320	2.60M
Deckhouses								
on Poop Deck	10	10	150 x 90 x 12 I.A.	845	Welded	5@1500x700	460	
Sides	9	9	100 x 75 x 7 I.A.	750	None	1@1500x800	460	2.60M
End	8	8	125 x 9 F.B.	760	None		460	

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

Poop Bulkhead ...	Hinged steel watertight doors - operated both sides (Class 1)
Pipe passage and pump rm. entrance	
Raised Quarter Deck Bulkhead ...	-
Bridge, After Bulkhead ...	-
Bridge, Forward Bulkhead ...	-
Forecastle Bulkhead ...	Hinged steel watertight doors - operated both sides (Class 1)
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	-
Exposed Machinery Casings on Superstructure Decks ...	-
Machinery Casings within Superstructure Decks ...	Hinged steel insulated doors - operated both sides
on poop deck	
Deckhouses	Hinged steel watertight doors - operated 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 E.R. skylight, strongly constructed of steel.

Skylight fitted with hinged steel flaps with strong bullseye lights.

Particulars of Flush Bunker Scuttles :-

None

Particulars of Companionways :-

- (including those incorporated in deckhouses and masthouses) (A) Companionways enclosed in strong steel deckhouse on poop deck. Hinged steel watertight doors operated both sides 1500 x 700mm Sill 460mm.
- (B) Companionways in strong steel poop on upper deck aft to steering gear flat. Hinged steel watertight door operated both sides 1300 x 700mm. Sill 610mm.
- (C) Companionway in strong steel poop on upper deck to main pump room hinged steel watertight door operated both sides. 1300 x 700mm. Sill 610mm.
- (D) Companionway in strong steel forecabin on F'cle deck to aux. pump room hinged steel watertight door operated both sides 1300 x 700mm. Sill 610mm.

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

- | | | |
|------------------------|--|---|
| Forecastle Deck | 4 - 150 dia. x 8 x 460 high gooseneck | Closing Appliances
Cowl wood plugs and canvas covers
Mushroom - screw-down W.T. tops
Gooseneck hinged steel W.T. covers. |
| | 4 - 200 dia. x 8 x 915 " mushroom | |
| | 1 - 450 dia. x 10 x 915 " " | |
| Upper Deck | 2 - 800 dia. x 11 x 10,000 high mushroom efficiently supported | |
| | 2 - 842 x 642 Oval x 12.7 x 10,000 high mushroom efficiently supported | |
| Poop Deck | 10 - 150 dia. x 8 x 460 high gooseneck | |
| | 7 - 150 dia. x 8 x 760 " mushroom | |
| | 2 - 200 dia. x 8 x 760 " " | |
| | 2 - 300 dia. x 9 x 760 " " | |
| | 5 - 300 dia. x 9 x 760 Cowl Head | |

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

- | | | |
|------------------------|--------------------------|--|
| Forecastle Deck | 6 - 125 dia. x 460 high | Air pipes to fuel oil tanks fitted with ball check valve and wire gauze. |
| Upper Deck | 3 - 125 dia. x 460 high | |
| Poop Deck | 5 - 50 dia. x 460 high | To fresh water tanks fitted with ball check valve.
To ballast water tanks, fitted with hinged steel flap. |
| | 11 - 80 dia. x 460 high | |
| | 7 - 100 dia. x 460 high | |
| | 13 - 125 dia. x 460 high | |

Particulars of Gangway Cargo and Coaling Ports :-

NONE

Particulars of Scuppers and Sanitary Discharge Pipes :-

- 5 - 25mm Drain plugs, brass permanently attached on forecabin end bulkhead draining forecabin tween deck spaces.
- 2 - 100mm scupper and discharge (P. & S.) from accommodation in poop led overboard below freeboard deck with cast steel storm valve at ship's side and non-return valves fitted in upper engine flat branch scupper lines and discharges.
- 1 - 130mm refuse disposer from galley on poop deck discharging overboard above L.W.L. with non-return storm valve at ship's side.
- 6 - 150mm Scuppers (P. & S.) draining upper deck through 22 mm thick steel pipe bends leading from upper deck through steering gear flat, forward cargo hold and chain lockers drained by bilge eductor with cast steel storm valve at ship's side.
- 1 - 80mm Scupper and discharge (p) from accommodation in poop, led overboard below freeboard deck with cast steel storm valve at ship's side, and non-return valves fitted in upper engine flat, branch scupper, lines & discharge.
- 2 - 130mm Soil and discharge (P. & S.) from accommodation in poop, led overboard below freeboard deck with cast steel storm valve at ship's side, and non-return valve and sluice valve fitted in upper engine flat discharge.

Particulars of Side Scuttles and Deadlights :-

- Above upper deck 49 - 350mm dia. opening side scuttles to poop accommodation with hinged deadlights.
- Side scuttles of substantial construction of bronze and of approved pattern deadlights of malleable cast iron.
- 3 - 350mm dia. non opening side scuttles to forecabin store spaces with hinged deadlights of malleable cast iron.

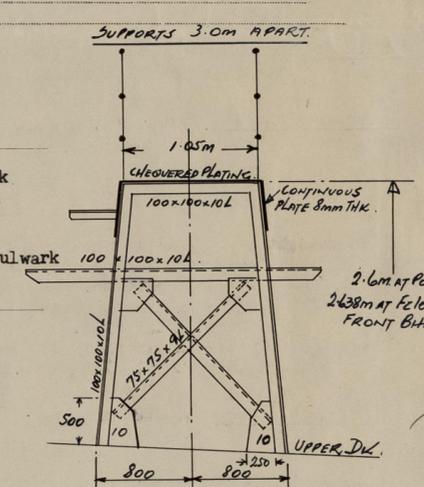
Vertical distance of Sill of lowest Side Scuttle above top of keel None below freeboard deck.

Distance from amidships to centre of lowest Side Scuttle

- Particulars of Guard Rails and Bulwarks :-
- Forecabin Deck** Combined bulwark and rails, bulwark rising from deck at f'cle front bhd. to 1.050M at bow with 2 guard rails at aft and reducing at 1 at bow. Stanchions 1.050M High and 1.500M apart.
 - Upper Deck** 3 Guard rails with stanchions 1.050M high and 1.500M apart.
 - Poop Deck** 3 Guard rails with stanchions 1.050M high and 1.500M apart with steel bulwark fitted around fore end of poop, poop deckhouse and main pump room.

Particulars of Gangways, Lifelines, etc. :-

- Steel Gangway:** Fitted at centre-line between poop and forecabin with supports spaced 3.00M apart with fore and aft bracing angles 90 x 90 x 10. 3 Guard rails with stanchions 1.050M high and 1.500M apart.



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 ...		Open rails and stanchions.				
Forward Well ...						

State position of each freeing port ... (F. and A. position and height above deck edge)

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.

Lozovaya.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

Description of Hatchway	HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
	Upper Deck		Forecastle Deck		Main P.R.		Poop Deck		Upper Deck	Forecastle Deck		
	O.T. Hatches to Cargo Oil Tanks	O.T. Hatches to C/ds	W.T. Hatch to Cargo Hold	W.T. Hatch to Bosun's Store	O.T. Hatches to O.F. Tanks	W.T. Hatch to Main P.R.	W.T. Hatch to Rope Store	W.T. Hatch to Prov. Store	O.T. Hatch to O.F. Tanks	W.T. Hatch to Foam Room		
Dimensions of Hatchway Dims. mm.	30@1000 dia.	4@700 dia.	4000x4000	700 dia.	2@700 dia	700 dia.	700 dia.	1500 x 1400	2@700 dia.	700 dia.		
COAMINGS	Height above Deck	760	460	610	610	610	460	1050	460	610	610	
	Thickness { Sides { Ends	12.7	12.7	11	12.7	12.7	12.7	28	12.7	12.7	12.7	
	Stiffeners ... { Sides { Ends	-	-	Horizontal 180x9.5B.P.								
	Brackets, Stays	-	-	1 Sides, 1 Ends.								
HATCH BEAMS	Number ...											
	Spacing ...											
FORE AND AFTERS	Number ...											
	Spacing ...											
	Unsupported Lengths											
	Scantling* and Sketch											
HATCH COVERS	Material ...	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel		
	Thickness	12.7	12.7	10	6	12.7	6	6	6	12.7	6	
HATCH COVERS	How fitted	Convex type jointed O.T. with strong back secured by shackle and keeper	Hinged O.T.	Hinged W.T.	Hinged W.T.	Hinged O.T.	Hinged W.T.	Hinged W.T.	Hinged O.T.	Hinged W.T.		
	Bearing Surface	Ullage hole with lid secured by central spindle & wheel	Convex	Hinged steel W.T. cover with 3 fore & aft stiffrs. 150x150x19 I.A. 1000 M apart and athwartship stiffrs intercostal 150x10 F.B. 4000 M apart. Toggles spaced 500mm apart. Oval manhole in cover 600x600mm with hinged W.T. steel lid 13mm thick secured by 7 clips.	Convex							
Spacing of Cleats			Secured by 32 Toggles	Secured by 4 clips	Secured by 4 clips	Secured by 4 clips	Secured by 4 clips	Secured by 10 clips	Secured by 6 clips	Secured by 4 clips		
Number of Tarpaulins...												
*Are wood fore and afters steel shod at all bearing surfaces? None Are battens and wedges efficient and in good condition? None Are tarpaulins in good condition and in accordance with rule requirements? None Are lashings provided in accordance with rule requirements? None Are wood covers fitted with galvanised end bands? None												

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

Skylights To main and Auxliary pump rooms on main pump room top and on forecastle deck strongly constructed of steel with coamings 1,000mm high with hinged steel flaps and strong bullseye lights.

Butterworth Hatches 350mm dia. coaming 200mm high 11mm thick with O.T. jointed lid 12mm thick with one hinge and (Steel Construction) 4 - 3/4" dia. bolt type clips.

