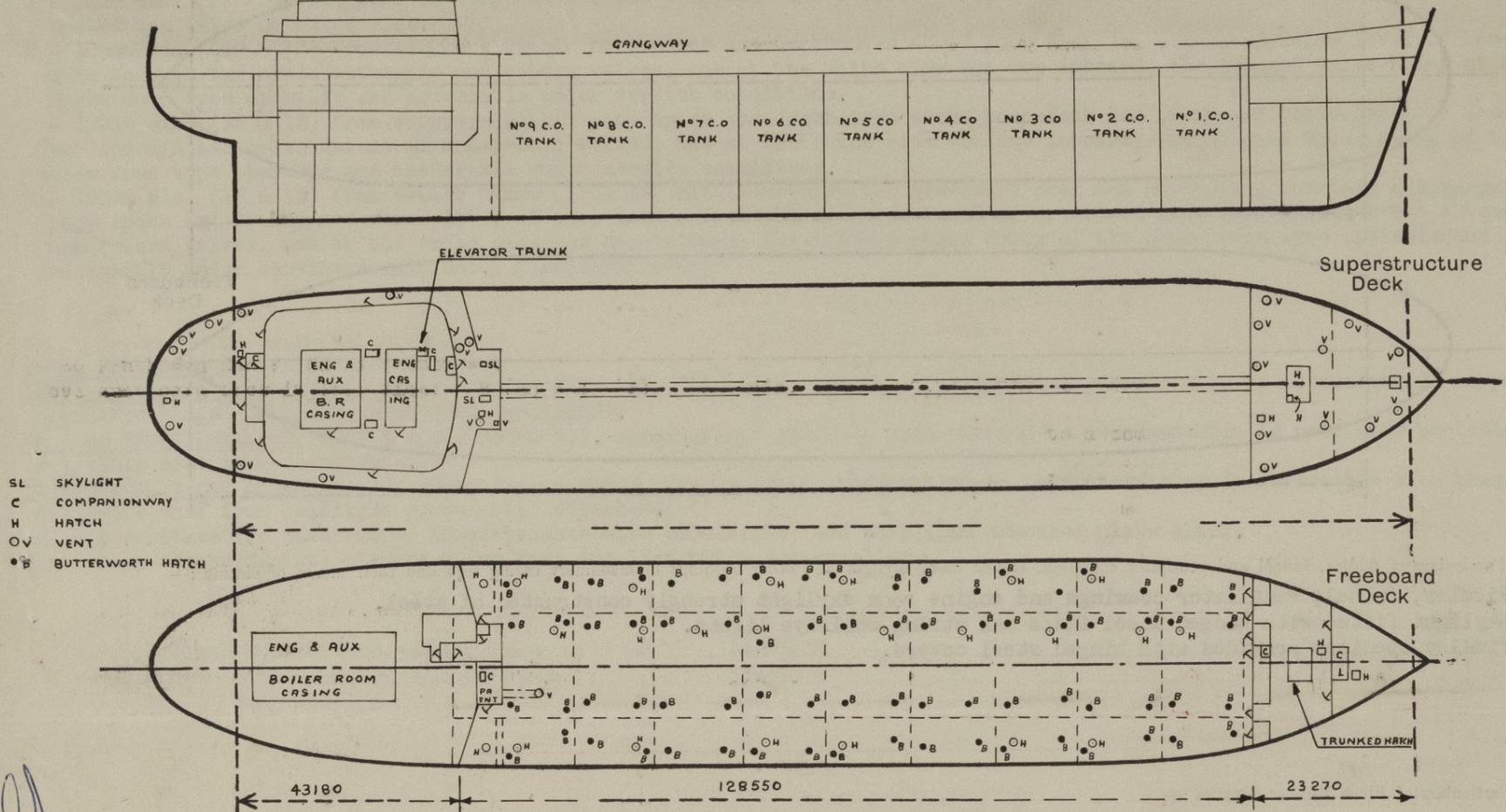


SURVEYS FOR FREEBOARD
(CONDITIONS OF ASSIGNMENT)

FE-10375

Ship's Name "LEBEDIN" Port of Survey Hiroshima, Japan
 Official Number Surveyor's Signature J. F. K. Tobin
 Nationality and Port of Registry Russian, Odessa Date of Survey During Construction

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

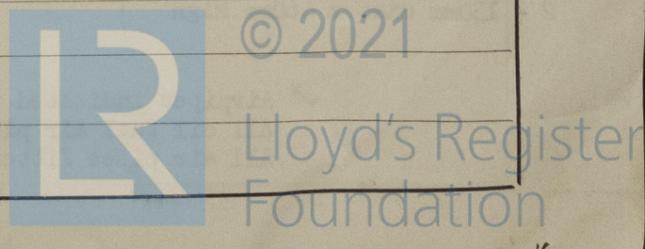


Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming mm	Plating mm	Stiffeners mm	Spacing mm	End Attachments of Stiffeners	Size of Openings mm	Height of Sills mm	Height, Beam to Beam mm
Poop Bulkhead ...	12	12	300x90x13/17 INV.A.	750	Lugged	1 at 1650x700 1 at 1650x600	460 610	2600
Deckhouse on poop deck	P&S 8.5 Aft 7.5 Front 9.5	8.5 7.5 9.5	100x75x7 INV.A. 100x75x7 INV.A. 200x10 B.P.	800 750 750	Lugged Slipped Lugged	1 at 1600x700 (P) 1 at 1600x700 (S) 3 at 1600x700 1 at 1600x600 (A) 2 at 1600x700 (F) 2 at 1600x600	460	2600
Forecastle Bulkhead...	7.5	7.5	100x75x7 INV.A.	750	Top & Bottom Lugged	3 at 1600x600 2 at 1600x700 1 at 1600x600	380 380 610	2500
Trunk, Aft ...	-	-	-	-	-	-	-	-
Trunk, Forward ...	-	-	-	-	-	-	-	-
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	-	-	-	-	-	-	-	-
Exposed Machinery Casings on Superstructure Decks ...	-	-	-	-	-	-	-	-
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	-	-	-	-	-	-	-	-
Deckhouses and Pump Room Entrances	← Enclosed in poop and forecastle →							

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

Poop Bulkhead ...	Hinged steel watertight doors operable from both sides (Class I) ✓
Raised Quarter Deck Bulkhead ...	-
Bridge, After Bulkhead ...	-
Bridge, Forward Bulkhead ...	-
Forecastle Bulkhead...	Hinged steel watertight doors operable from both sides (Class I) ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	-
Exposed Machinery Casings on Superstructure Decks ...	-
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	-
Deckhouses and Pump Room Entrances	-



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
Description of Hatchway	Weather Portion		Freeboard Deck			In Forecastle		Poop Deck		Forecastle Deck	
	21 Cargo Oil Hatches	72 Butterworth Openings	O.F. Tank Hatches	O.F. Access to Dry Cargo Space	Access to Bosuns Stores	To Main Pump Rm. Entrance	Provision Hatch	Rope Hatch	Rope Hatch	Access to Fire Station	
Dimensions of Hatchway	70x700 Oval	330 dia.	600 dia.	600x600	900x900	800x600	1200 x 1200	900x900	1220 x 1220	600x600	
COAMINGS	Height above Deck	760 ✓	90 ✓	760 ✓	230 ✓	230 ✓	460 ✓	460 ✓	460 ✓	610 ✓	
	Thickness { Sides	12.5 ✓	12 ✓	12 ✓	12 ✓	12 ✓	12 ✓	12 ✓	12 ✓	12 ✓	
	Thickness { Ends										
	Stiffeners... Brackets, Stays { Sides... Ends...										
HATCH BEAMS	Number ...	APPROVED DESIGN.									
	Spacing ...	APPROVED DESIGN.									
	Scantling and Sketch ...	APPROVED DESIGN.									
FORE AND AFTERS	Bearing Surface ...	APPROVED DESIGN.									
	Number ... Spacing ... Unsupported Lengths ... Scantling* and Sketch ...	APPROVED DESIGN.									
HATCH COVERS	Material ...	O.T. Steel	O.T. Steel	O.T. Steel	N.W.T. Steel	N.W.T. Steel	W.T. Steel	W.T. Steel	W.T. Steel	W.T. Steel	
	Thickness ...	Dished 12	2 Hinges	2 Hinges	6	6	8	8	8	8	
	How fitted ...	Hinged	4 Toggles	6 Toggles	2 Hinges	2 Hinges	2 Hinges	2 Hinges	2 Hinges	2 Hinges	
	Bearing Surface ...	Secured O.T. by Hinged Strong-bar Bearing on Centre of Cover.	hexagonal nuts.	1 Toggle	1 Toggle	7 Toggles	8 Toggles	7 Toggles	8 Toggles	7 Toggles	
Spacing of Cleats	...	...	...	...	...	...	...	...	...	...
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? -											

Details of Hatches continued below.

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

Steel skylight on forward end of poop deck to after fire station 1000 x 1000 mm with 460 x 10mm sill and with strong hinged steel watertight covers fitted with fixed bullseye lights.

Steel skylight on forward end of poop deck to main pump room entrance 2000 x 1500 with 460 x 10mm sill and with strong hinged steel watertight covers fitted with fixed bullseye lights.

Scuppers and Sanitary Discharges (Cont'd from previous page)

Discharge of the sewage tanks is accomplished by means of one of two methods.

- a) By pump connected between the sewage tank and the discharge line inboard of the two non-return valves.
- b) By eductor operated by water at high pressure connected between the sewage tank and the discharge line inboard of the two non-return valves.

NOTE: The port and starboard sewage tank systems are independent of one another.

1 - 50mm dia. (P) scupper draining bosuns stores and chain locker forward led overboard through forecastle side through two cast steel automatic non-return valves, one at the ships side and the inboard valve being accessible under service conditions. Discharge of these spaces is effected by means of a cast bronze eductor operated by water at high pressure connected to the discharge line between the two automatic non-return valves.

1 - 50mm dia. (P) scupper draining dry cargo space below freeboard deck in way of forecastle led overboard through forecastle side through two cast steel automatic non-return valves, one at the ships side and the inboard valve being accessible under service conditions. Discharge of this space is effected by means of a cast bronze eductor operated by water at high pressure connected to the discharge line between the two automatic non-return valves.

1 - 50mm dia. (P) scupper draining steering gear space below level of freeboard deck led overboard below level of freeboard deck through two cast steel automatic non-return valves, one at the ships side and the inboard valve being accessible under service conditions. Discharge of this space is effected by means of a cast bronze eductor operated by water at high pressure connected to the discharge line between the two automatic non-return valves.

Hatches on Forecastle Deck (Continued)

Dry cargo hatch:- 4110 x 4500 mm, coaming 610 mm high x 11 mm thick. 180 x 9.5 mm B.P. horizontal stiffener at coaming top. Coaming additionally stiffened by 11 mm brackets spaced 1370 mm (max.) (3 at ends, 2 at sides). Hatch cover 11 mm plate stiffened by 250 x 90 x 12/16 mm INV.A's in F. & A. direction spaced 750 mm apart with 250 x 12 mm B.P. intercostles in athwartship direction spaced 685 mm apart. Cover secured W.T. with toggles spaced 375 mm apart (max.)

Access hatch 600 x 600 mm fitted in starboard after corner of main hatch cover having 75 x 12 mm coaming above main hatch cover and secured W.T. by hinged steel cover 8 mm thick with 2 hinges and 7 toggles.



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