

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

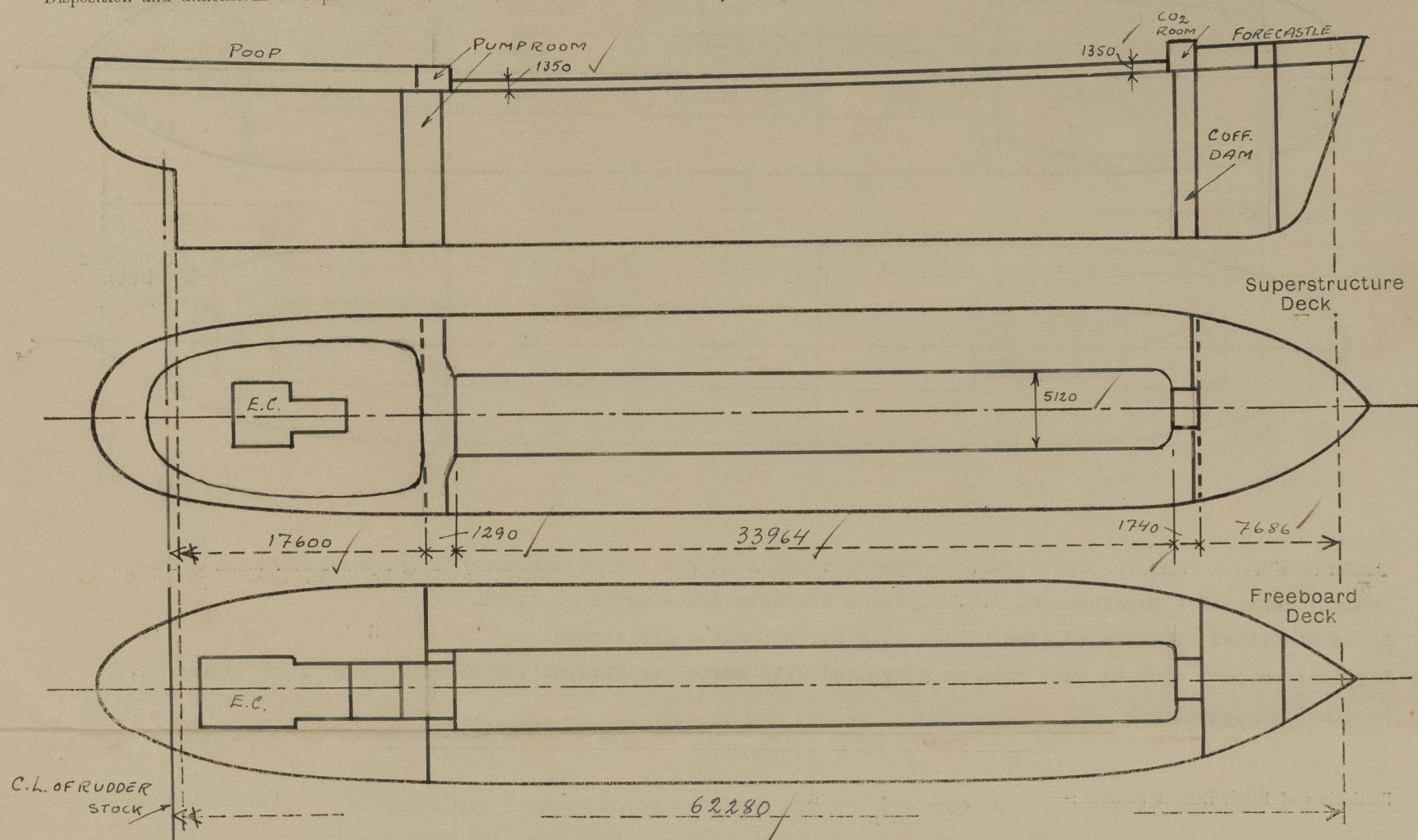
(CONDITIONS OF ASSIGNMENT.)

 Index No. \_\_\_\_\_  
 (For London Office only.)
Ship's Name **"SUNGARI" NARVA.**Port of Survey **Norrköping.**

Official Number \_\_\_\_\_

Surveyor's Signature **H. O. Allerton**Nationality and Port of Registry **Russian**Date of Survey **Whilst building**

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



Particulars of Superstructures, Trunks, Casings, Deckhouses. mm.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...		8.5	130x75x8 $\perp$	655	E.W. to deck top and btm	No openings	-	2190
Raised Quarter Deck Bulkhead ...		-						
Pump Room Front Bulkhead ...		8.5	100x75x8 $\perp$	700	None	No openings	-	830 over trunktop
Pump Room Side Bulkhead ...		9.5	None	-	-	1340x630	610	2190 over M.D'k.
Forecastle Bulkhead...		6	75x75x8 $\perp$ 75x50x7 $\perp$	700 600	None	1285x685	610	2150
Trunk, Aft Top ...		8/12	100x75x8 $\perp$	Frame spacing	E.W.Brackets top	See page 4	-	-
Trunk, Forward Sides ...		9.5	100x75x8 $\perp$	Frame spacing	E.W.Beam btm	No openings	-	1360
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...		6.	65x50x7 $\perp$	580	E.W.Beam top and btm	1700x610	230	2190
Exposed Machinery Casings on Superstructure Decks ...		6	65x50x7 $\perp$	580	Cont. top E.W.beam btm	1550x610	460	2190
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	Sides	7.5/7	75x50x7 $\perp$	Frame spacing	Bracket top	1600x690/610	480	2285
Deckhouses on Poop Deck Ship...	front	7.5/7	100x75x8 $\perp$ 90x75x7 $\perp$	600	None top E.W. deck btm	deadlights 1300 above poop d'k		2285

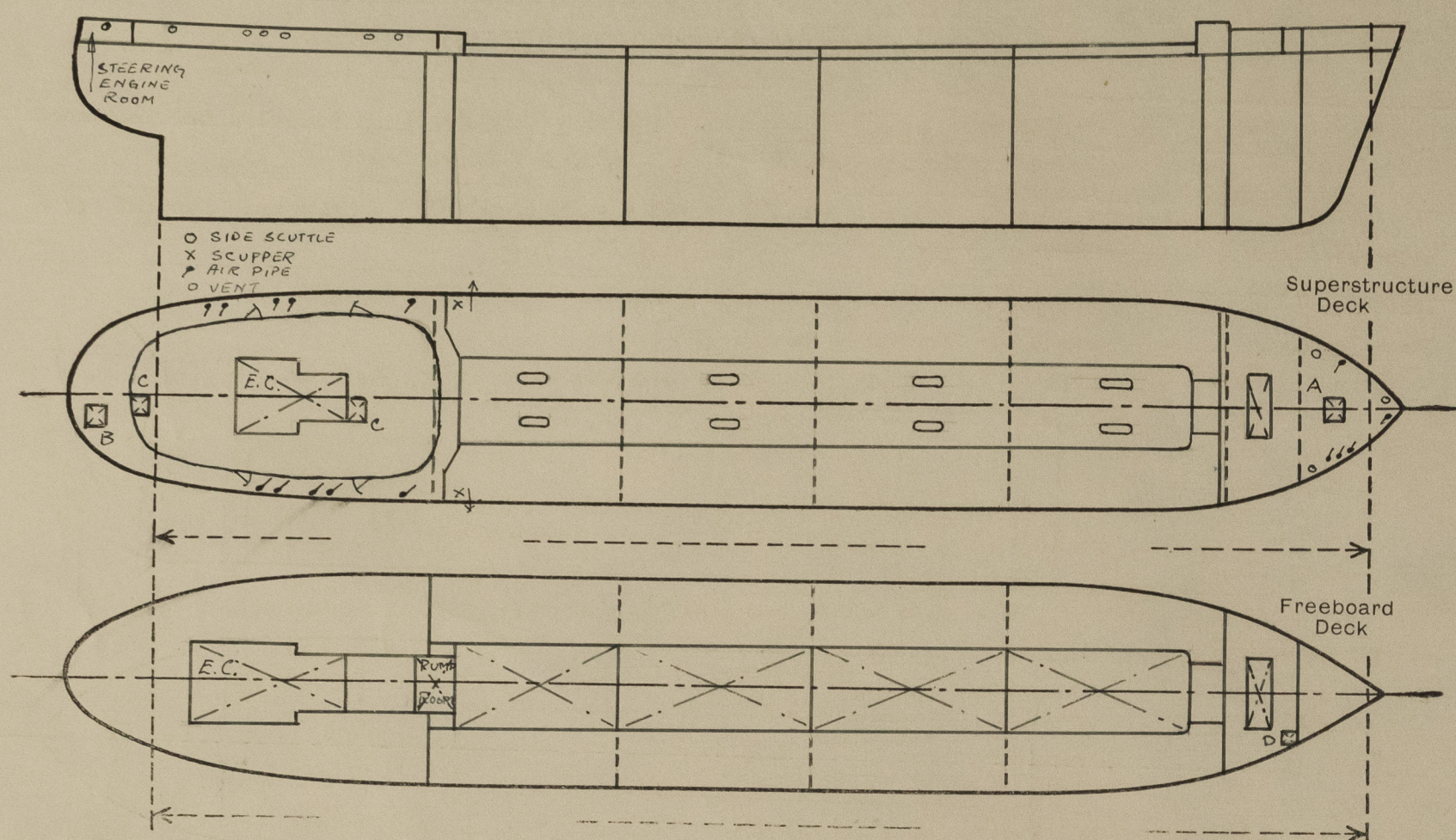
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	No openings. ✓
Raised Quarter Deck Bulkhead ...	-
Pump Room Front Bulkhead ...	No openings. ✓
Pump Room Side Bulkhead ...	Hinged steel doors operable from both sides. (Class 1) ✓
Forecastle Bulkhead ...	Hinged steel doors operable from both sides. (Class 1) ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Hinged steel doors operable from both sides. ✓
Exposed Machinery Casings on Superstructure Decks ...	Hinged steel doors operable from both sides. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	
Deckhouses on Poop Deck Ship...	Hinged steel and hardwood doors (2" thick) operable 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, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



Particulars of fidley, 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 Bull's eye lights.  
 Skylight on poop deck to pump room as above and with means for closing and securing same from inside. W.T.  
 No fiddle openings.

Particulars of Flush Bunker Scuttles:—

None fitted.

Particulars of Companionways:— Entrance to pump room through steel house of efficient construction. Hinged steel doors operable from both sides. Opening 1340x630 mm., sill 610 mm. Companionways "C" on sketch enclosed in strong steel deckhouse on poop deck. Hinged steel and hardwood, 2" thick, doors operable from both sides. Openings 1550 x 610 mm., sills 460 mm.

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

Forecastle deck:—

2 - 8" dia. x 7.5 mm.. 950 mm. high. Steel  
 1 - 6" dia. x 7.5 mm. 950 mm. high. Steel

All ventilators provided with wood plugs and canvas covers.

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

Air pipes of steel from cargo tanks are connected to one steel pipe outside fore mast.  
 Height about 11000mm. above main deck and at its top fitted with "ATMOS" non-return valve and with vacuum valves at the top of each tank.

Air pipes at forecastle deck:

2-2" dia. 915 mm. high steel  
 1-2 1/2" " 915 " " "  
 2-3" " 915 " " "

Air pipes on poop deck:

8-2" dia. 800 mm. high steel  
 2-3" " 800 " " "

O.F. tank air pipes provided with wire gauze and canvas covers, remainder with wood plugs.

Particulars of Gangway Cargo and Coaling Ports:—

None fitted.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Sanitary discharge pipes from spaces on poop deck are led to vessel's sides about 500 mm. below main deck and fitted with non-return valves accessible from E.R. SS 1-4" and 1-2"; ps 2-4" and 1-2".

Sanitary discharge pipes from spaces in poop are led to vessel's sides about 500 mm. below main deck and fitted with two non-return valves accessible from E.R. SS 2-2"; p.s. 1-2".

Accommodation aft drained by pipes led to E.R. bilges and fitted with selfclosing cocks.

Chain locker and steering engine room drained by hand pump.

Scuppers (p. & s.) are cut through bulwark plating just forward poop bulkhead and above main deck.

Particulars of Side Scuttles:—

(p. & s.) 7-10" dia. opening gun metal side scuttles to steering gear room and poop accommodation, all fitted with hinged deadlights.

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

Particulars of Guard Rails:—

Forecastle:— 3 guard rails with stanchions 1060 mm. high and spaced 1200 mm. Top rail 1 1/4"  $\phi$ .  
 Main deck and poop aft:— 3 guard rails with stanchions 1060 mm. high and spaced 1200 mm. Top bar 100x75x8A.  
 Bulwark plating on poop deck 5 mm. x 1060 mm. with top bar 120x65x8A. Stays 65x65x7A at every second frame.

Particulars of Gangways, Lifelines, etc.:—

Gangway: on top of trunk from poop to forecastle. 3 guard rails at trunk's sides with stanchions 1060 mm. high and spaced 1200 mm. Top rail 1 1/4"  $\phi$ .

Permanent ladders are fitted from poop to trunk and from forecastle to trunk, also from trunk to deck.

## Particulars of Freeing Arrangements.

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. /					
Forward Well ... ..						
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. mm.									
		To cargo tanks		To dry cargo hold	"A"	"B"	"D"		
				to store	to steer.	to pump	room forward		
Description of Hatchway ... ..		1650x790		1155x2000	590x585	615x615	510x625		
Dimensions of Hatchway ... ..		1650x790		1155x2000	590x585	615x615	510x625		
COAMINGS	Height above Deck ...	515 (Trunk)	815	615	480	615			
	Thickness { Sides ...	11	11	11	11	10			
	Thickness { Ends ...	11	11	11	11	10			
	Stiffeners ...	-	-	-	-	-			
	Brackets, Stays ...	-	-	-	-	-			
HATCH BEAMS	Number ... ..		See below						
	Spacing ... ..								
FORE AND AFTERS	Scantling and Sketch ...								
	Number ... ..								
	Spacing ... ..								
	Unsupported Lengths ...								
	Scantling* and Sketch ...								
HATCH COVERS	Bearing Surface ... ..								
	Material ... ..	Steel	Steel	Steel	Steel	Steel			
HATCH COVERS	Thickness ... ..	10	12	10	7	10			
	How fitted ... ..	hinged & closed	hinged & closed	hinged & closed	hinged & closed	hinged & closed			
	Bearing Surface ... ..	WT	WT	cl.WT.	cl.WT.	cl.WT.			
	WT	WT	cl.WT.	cl.WT.	cl.WT.				
Spacing of Cleats ... ..	12 toggles	14 toggles	2 toggles	2 toggles	2 toggles				
Number of Tarpaulins ...	-	-	2 toggles	-	2 toggles				

\*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?

Particulars of any special features:—

The dry cargo hold cover is stiffened by 3 longitudinal frames 90x7 mm. welded to the underside of the cover.



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