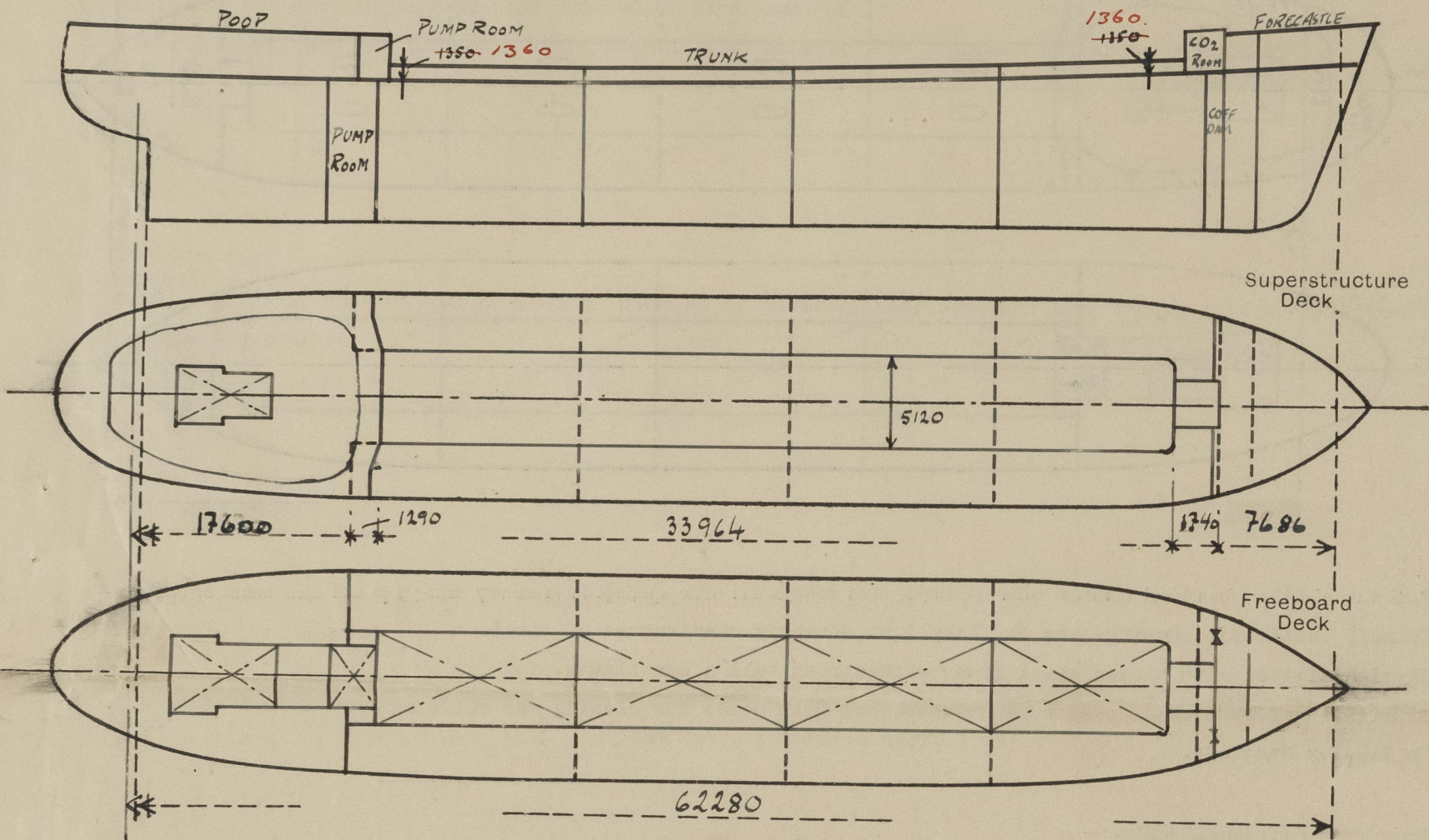


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Index No. _____
(For London Office only.)

Ship's Name "IRTISH" Port of Survey Norrköping
Official Number _____ Surveyor's Signature H. O. Allerton
Nationality and Port of Registry Russian Date of Survey Whilst building.

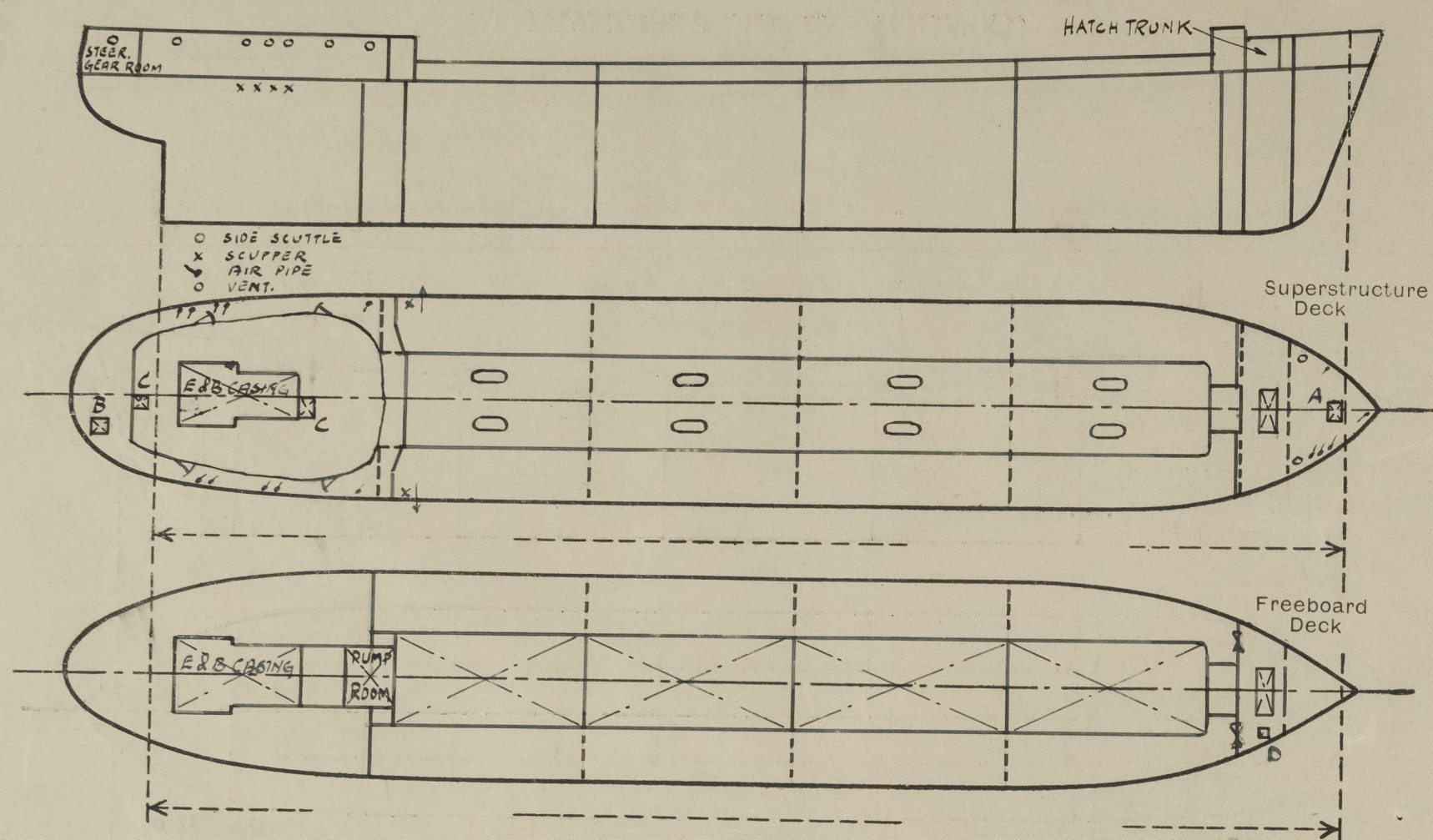
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement :-



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	655	E.W. to deck top & btm.	No openings	-	2190
Raised Quarter Deck Bulkhead ...		-						
Pump Room Front								
Bridge, After Bulkhead ...		8.5	100x75x8	700	None	No openings	-	830 over trunktop
Pump Room Side								
Bridge, Forward Bulkhead...		9.5	None	-	-	1340x630	610	2190 over M.D'K
Forecastle Bulkhead...		6	75x75x8	700		Full height x 915	None	2150
Trunk, Aft Top ...		8/12	100x75x8	Frame spacing	E.W. Brackets	See page 4	-	-
Trunk, Forward Sides ...		9.5	100x75x8	Frame spacing	E.W. Bracket top	No openings	-	1360
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...		6	65x50x7	580	E.W. Beam top & btm	1700x610	230	2190
Exposed Machinery Casings on Superstructure Decks ...		6	65x50x7	580	Cont. top	1550x610	460	2190
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...					E.W. beam btm			
Poop	Sides	7.5/7	75x50x7	Frame spacing	Bracket top	1600x690/610	480	2285
Deckhouses on Flush Deck Ships ...	front	7.5/7	100x75x8		E.W. to deck			
			90x75x7	600	None top	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								
Bridge, After Bulkhead ...	No openings							
Pump Room Side								
Bridge, Forward Bulkhead ...	Hinged steel doors operable from both sides (class 1)							
Forecastle Bulkhead...	Portable steel plates 7 mm. fixed by hook bolts not passing through bulkhead (class 2)							
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 ...								
Poop								
Deckhouses on Flush Deck Ships ...	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 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 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 door operable from both sides. Openings 1340 x 630 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 11000 mm. 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" dia. 915 mm. high steel ✓

2 - 3" dia. 915 mm. high steel ✓

Air pipes on poop deck:—

8 - 2" dia. 800 mm. high steel ✓

2 - 3" dia. 800 mm. high steel ✓

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. S.S. 1-4" and 1-2"; p.s. 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. S.S. 1-2-2"; 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" φ. ✓

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 trunks sides with stanchions 1060 mm. high and spaced 1200 mm. Top rail 1 1/4" φ. ✓

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

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.									
			Fore d'k				Poop d'k		Main d'k
Description of Hatchway	...	...	To cargo tanks	To dry cargo hold	"A" to store	"B" to Steer. room	"D" to pump room forward		
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		
	Stiffeners { Ends	...	11	11	11	11	10		
	Brackets, Stays	...	-	-	-	-	-		
HATCH BEAMS	Number	...		See below					
	Spacing	...							
	Scantling and Sketch	...							
	Bearing Surface	...							
FORE AND AFTERS	Number	...							
	Spacing	...							
	Unsupported Lengths	...							
	Scantling* and Sketch	...							
	Bearing Surface	...							
HATCH COVERS	Material	...	Steel	Steel	Steel	Steel	Steel		
	Thickness	...	10	12	10	7	10		
	How fitted	...	Hinged &	Hinged &	Hinged &	Hinged &	Hinged &		
	Bearing Surface	...	closed WT	closed WT	closed WT	closed WT	closed WT		
Spacing of Cleats	...	...	12 toggles	14 toggles	2 toggles	2 toggles	2 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>									

Particulars of any special features:—

The dry cargo hold cover is stiffened by 3 longitudinal frames 90 x 7 mm. welded to the underside of the cover.



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