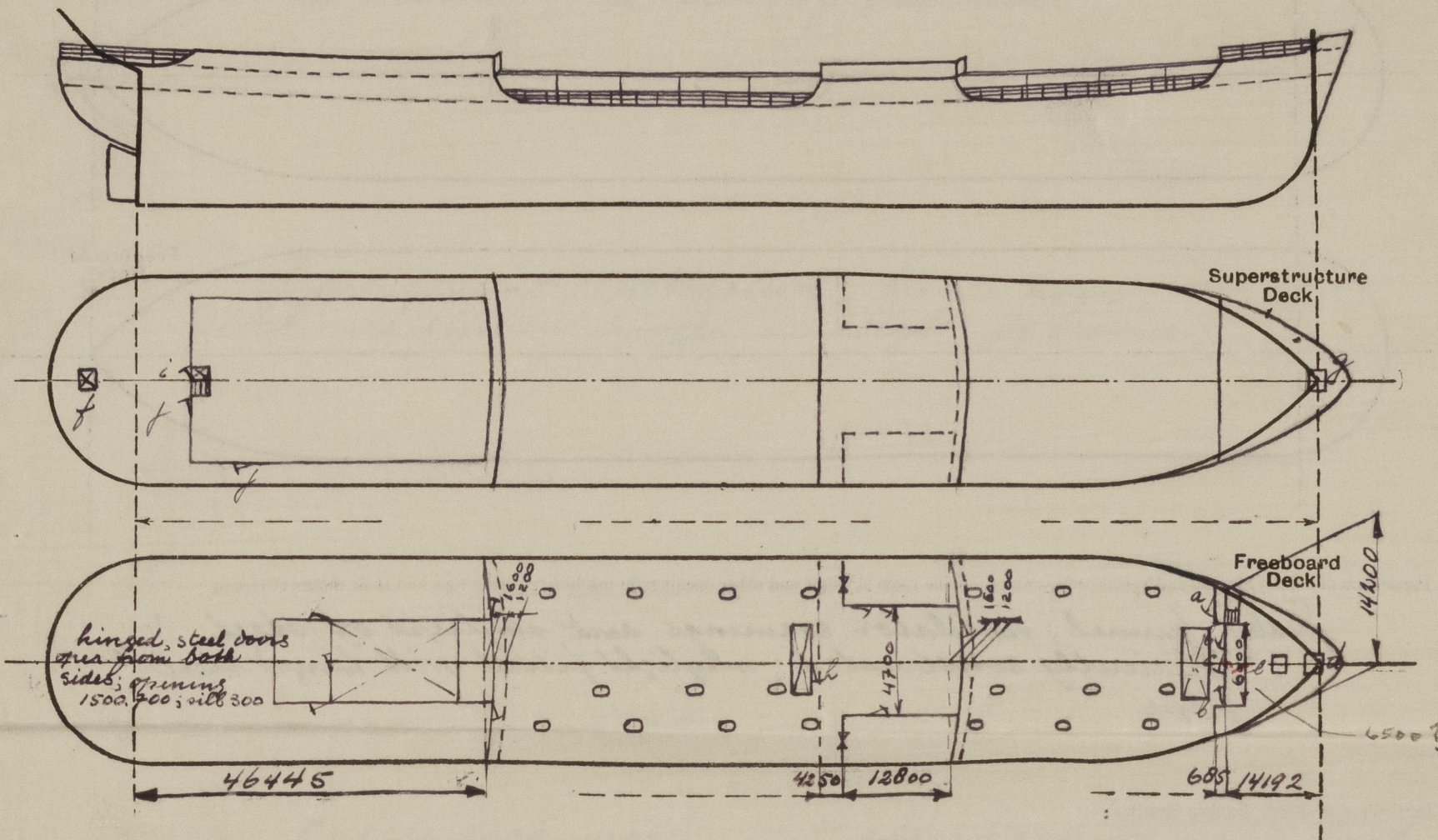


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Index No. 43340
(For London Office only).
Nº 34256

Ship's Name COMODORO RIVADAVIA Port of Survey Rotterdam
Official Number _____ Surveyor's Signature W. Riskook
Nationality and Port of Registry Argentine, Buenos Aires Date of Survey during building

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

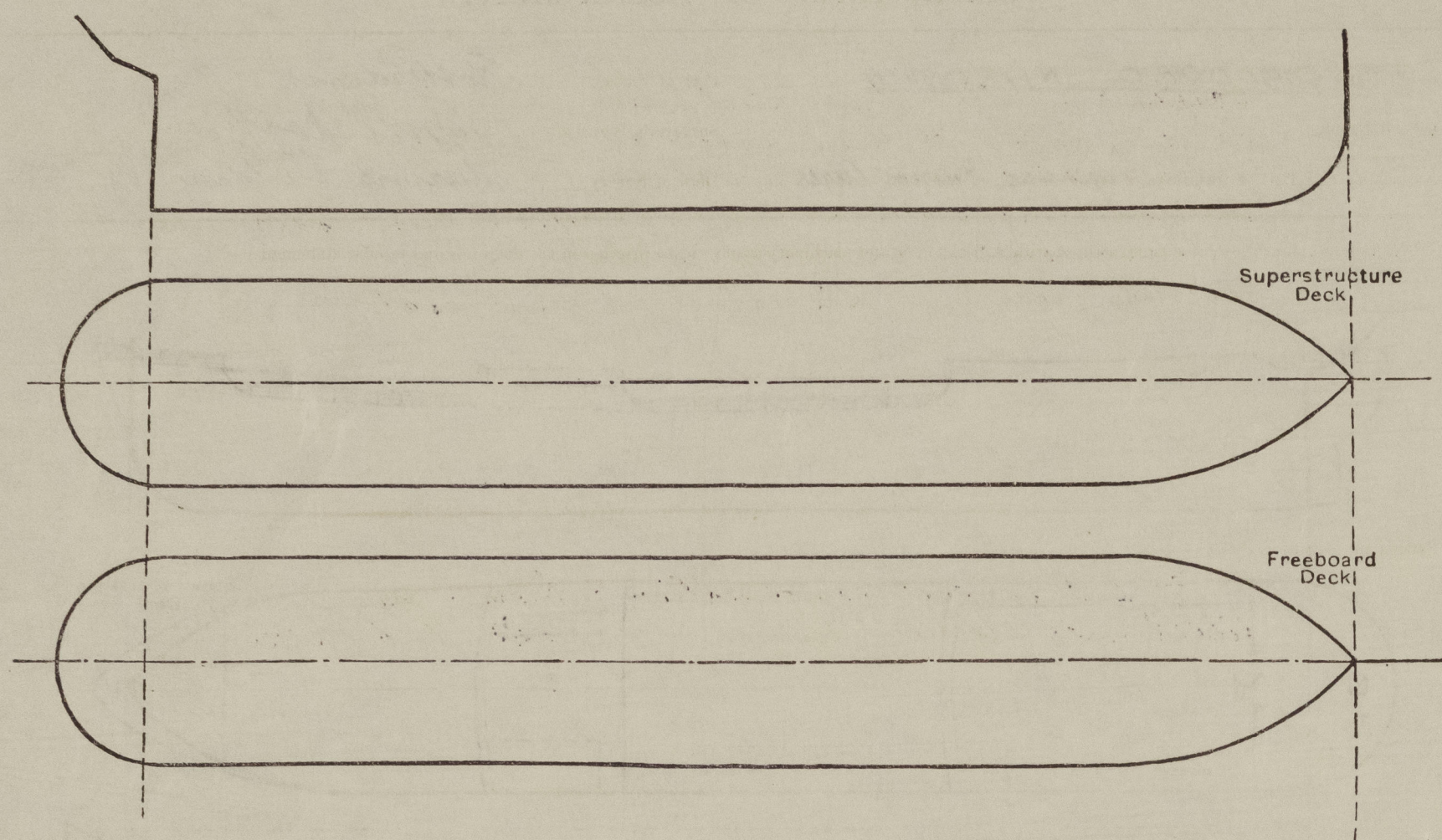


Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	12	11	L240.90.14	760	E.W.	1350.700	610	2438
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	10	7 1/2	L100.65.8	800	none	5'x4"	610	2438
Bridge, Forward Bulkhead ...	11	11	L250.90.14	760	E.W.	1600.700	350	
Forecastle Bulkhead ...	10	7 1/2	L100.75.8	760	none	a. 1500.700 b. 1750.630 c. 1600.630	500 230 270	
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 on Flush Deck Ships ...								

Particulars of Closing Appliances (state if capable of being manipulated from both sides).	
Poop Bulkhead ...	Steel, hinged, r. & doors, capable of being manipulated from both sides
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	Steel doors on hook bolts not passing through bulkhead
Bridge, Forward Bulkhead ...	Steel, hinged r. & doors, capable of being manipulated from both sides
Forecastle Bulkhead ...	a
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	b.c. steel hinged doors
Exposed Machinery Casings on Superstructure Decks ...	" " "
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	" " "
Deckhouses on Flush Deck Ships ...	

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:—

Fidley, funnel, ventilator coamings and skylight of steel, efficiently constructed; skylight fitted with hinged steel flaps.

Particulars of Flush Bunker Scuttles:—

none

Particulars of Companionways:—leading to

	door opening	sill	door
a) forward pumproom	1500.700	500	hinged steel w. d. door
b) pumproom amidships	1350.700	610	
c) engine room (escape)	1600.650	460	
d) poop space	1450.750	650	hinged teak door

All doors operable from both sides

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

On f'ele	dia	mm	height and thickness
	640		10000. 10*
	297		965. 8 1/2*
	640		992. 10*
On pumproom (bridge deck level)	484		10240. 12 1/2*

On poop deck

145	915. 7*
753	11240. 12 1/2*

** filled with wooden plies and canvas covers*

rain cap

Ventilator coaming over 910 mm height efficiently or bracketed

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

Air pipes 460 high on poop and f'ele deck

" " 920 " " main deck

Goose-neck type airpipes filled with wooden plies with chain attachments

Airpipes over fuel tanks



filled with canvas covers and min gauge

Particulars of Gangway Cargo and Coaling Ports:—

none

Particulars of Scuppers and Sanitary Discharge Pipes:—

*Scuppers in wells: strong steel bands through ships sides
Sanitary discharges from spaces on bridge deck and poop deck:
automatic non return valves
Sanitary discharges from poop space: 2 automatic non return valves; one fitted to shell
Castings enclosing the valves of gunmetal*

Particulars of Side Scuttles:—

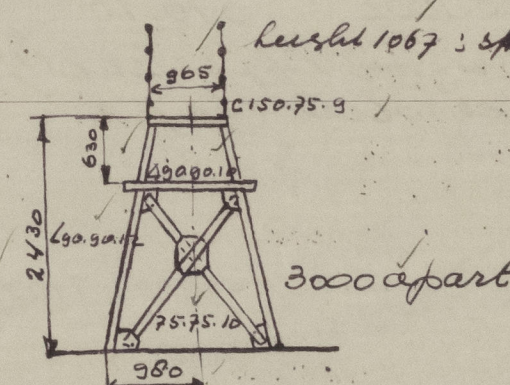
of substantial construction; bronze frame; filled with efficient hinged deadlights of bronze

Vertical distance of Sill of lowest Side Scuttle above top of keel *10150*

Particulars of Guard Rails:—

*On f'ele deck, wells and after part of poop deck
height 1100; 3 rails; stanchions 1300 apart*

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 ...						
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.						



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009986-009993-0036

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		over dry cargo hold.		over cargo tanks					
Dimensions of Hatchway		6200. 4190.		915 675					
COAMINGS	Height above Deck	760		915					
	Thickness	11		10					
	Sides	11		10					
	Ends	11		10					
Stiffeners		2180. 90. 11		11					
Brackets, Stays		7 300. 16.		11					
HATCH BEAMS	Number								
	Spacing								
	Scantling and Sketch	none		none					
	Bearing Surface								
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths	none		none					
	Scantling* and Sketch								
Bearing Surface									
HATCH COVERS	Material	Steel *		Steel					
	Thickness	12 1/2		12 1/2					
	How fitted	hinged		hinged					
	Bearing Surface								
Spacing of Cleats		407 (toggles)		365 (toggles)					
Number of Tarpaulins									
*Are wood fore and afters steel shod at all bearing surfaces? * Stiffened by 4 130. 50. 12 ✓									
Are battens and wedges efficient and in good condition? 3 bars longitudinal ✓									
Are tarpaulins in good condition and in accordance with rule requirements? 9 " transverse ✓									
Are lashings provided in accordance with rule requirements?									

Particulars of any special features:—

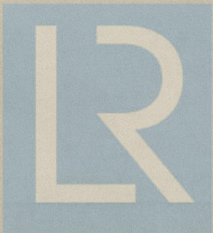
Small hatchways.

marked	opening	coaming	cover
d	1000. 1000	230. 10	Steel hinged n.t.
e	770. 600	230. 10	
f	800. 520	230. 9	
g	1000. 1000	610. 10	closed with toggles.

Skylight over pumproom efficiently constructed and fitted with hinged steel flaps.

Endorsement at first survey and at surveys for renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.



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