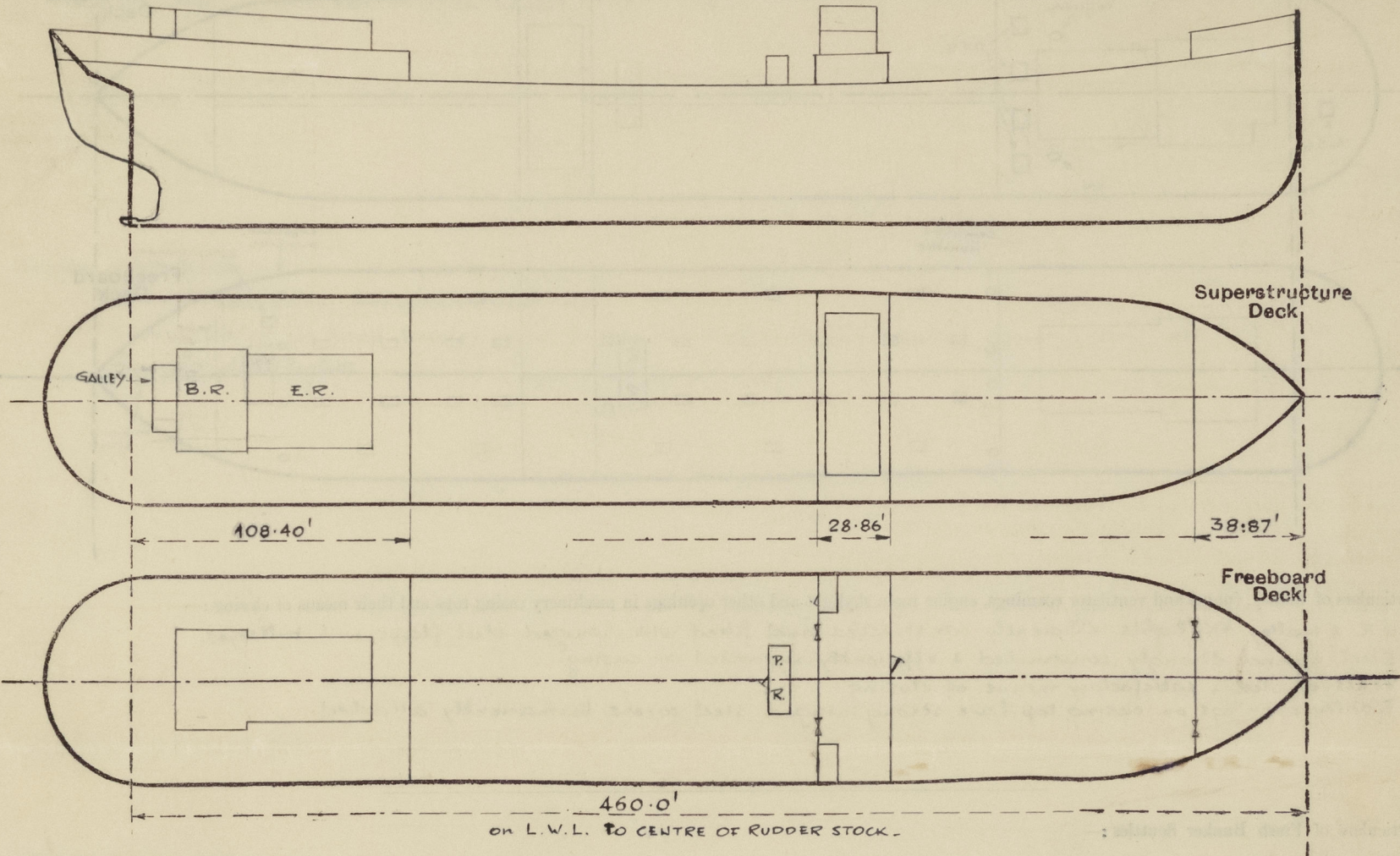


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Index No. _____
(For London Office only).

Ship's Name "RIO DEVA" ex "ATTILA" Port of Survey GENOA
Official Number _____ Surveyor's Signature J. H. Sutherland & Mortan
Nationality and Port of Registry PANAMANIAN - PANAMA Date of Survey FEBRUARY 1954

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

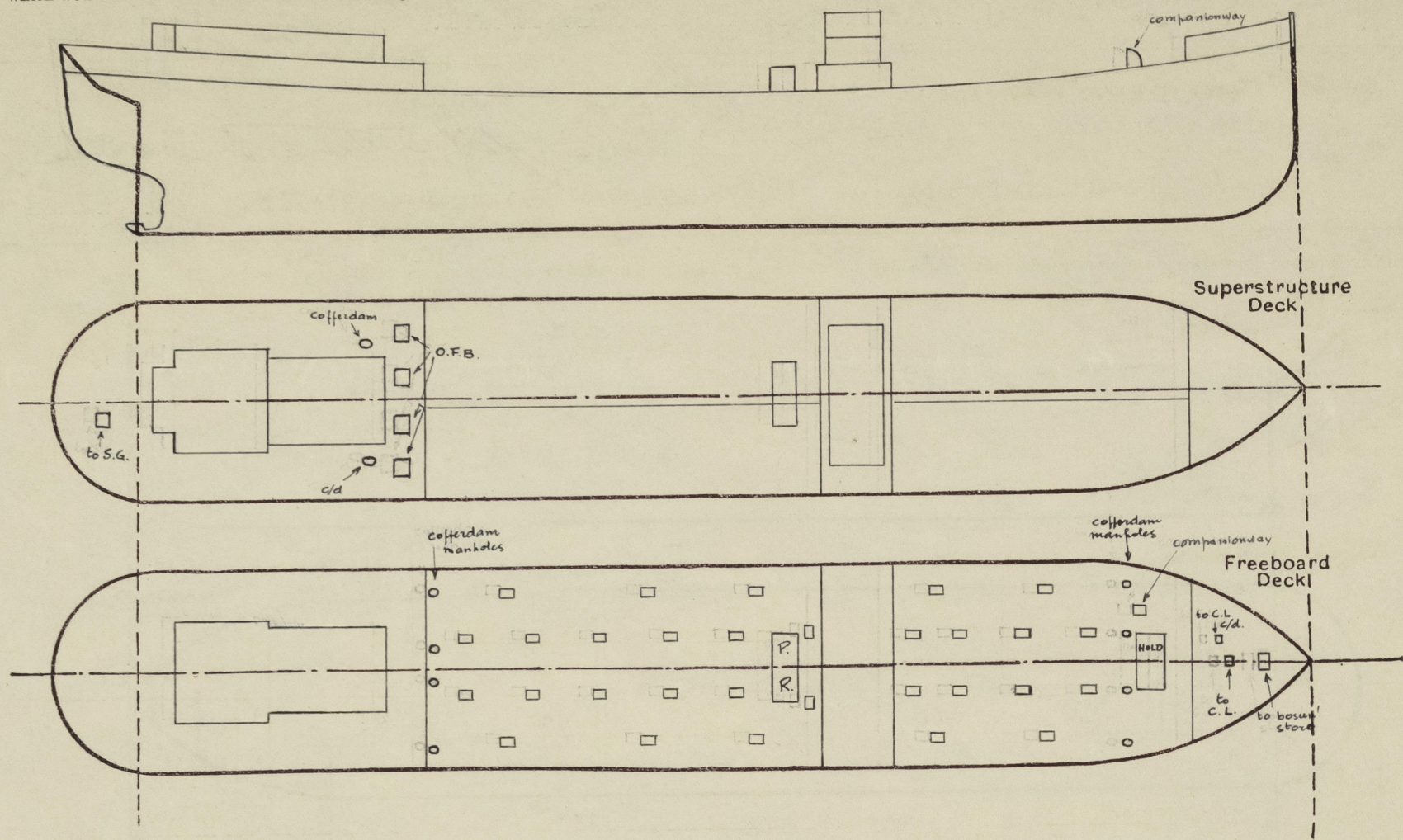


Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	.32	.32	NOT AVAILABLE	750 mm	NOT AVAILABLE	NONE	-	7'-6"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	.32"	.32"	3" x 3" x 30 L	37"	NONE	2 2 4'-3" x 3'-10" 1 2 4'-6" x 2'-0"	20" 23"	7'-8"
Bridge, Forward Bulkhead ...	.40"	.40"	10" x 3 1/2" x 30 L	31"	BRACKETS T. & B.	1 2 4'-6" x 2'-0"	20"	7'-8"
Forecastle Bulkhead ...	.36"	.36"	3 1/2" x 3" x 30 L	30"	BRACKETS AT TOP NONE AT BOTTOM	2 2 4'-6" x 3'-9"	21"	7'-6"
Trunk, Aft MAIN PUMP ROOM ...	.32"	.32"	3 1/2" x 3" x 25 L	30"	BRACKETS AT TOP NONE AT BOTTOM	1 2 3'-10" x 2'-6"	24"	7'-6"
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	.35	.25	4 1/2" x 3" x 25 L	35"	BRACKETS TOP CONTINUOUS BTM.	2 2 4'-10" x 2'-0"	19"	7'-6"
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 ...	NO OPENINGS. ✓
Raised Quarter Deck Bulkhead ...	-
Bridge, After Bulkhead ...	STORMBOARDS IN CHANNELS (2). HINGED STEEL DOOR MANIPULATED BOTH SIDES (1). ✓
Bridge, Forward Bulkhead ...	HINGED STEEL W.T. DOOR MANIPULATED BOTH SIDES. ✓
Forecastle Bulkhead ...	STORMBOARDS IN CHANNELS. ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ...	HINGED STEEL DOORS MANIPULATED BOTH SIDES. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓
MAIN PUMP ROOM Deckhouses on Flush Deck Ships ...	HINGED STEEL W.T. DOOR MANIPULATED 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 fiddley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

E.R. & Galley skylights efficiently constructed and fitted with hinged steel flaps with bullseyes. Steel funnel strongly constructed & efficiently supported on casing.

Vents of steel & satisfactory means of closing.

Vents of steel & satisfactory means of closing. ✓
Fiddley openings on casing top have strong hinged steel covers permanently attached. ✓

Particulars of Flush Bunker Scuttles :—

None.

Particulars of Companionways :—

To fwd. pump room: substantially constructed of steel and well connected to deck; fitted with hinged steel W.T. door, sill 24", manipulated both sides. ✓

On poop deck to accommodation: one port & one starboard enclosed in strong steel house, fitted with hinged steel W.T. door, size 24", manipulated both sides. ✓
hinged wood doors, size 16", manipulated both sides. ✓

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

Forecastle deck.

castle deck.			
1- 12" dia.	C.V., coaming	36" x 40	to store ✓
1- 16" " "	" "	36" x 40	to hold ✓
1- 6" " "	" "	36" x 30	to store ✓

Bridge deck

2-10" dia C.V., coaming 36" x 32 to stores /
1-6" dia M.V., " 7" x 30 " " /
2-7" dia G.W., " 18" x 30 " " /

Poop deck.

1-9" dia. C.V., coaming 30" x 30" to accomodation ✓
 1-12" " " " 10" x 40" " ✓
 3-12" " " " 30" x 40" " ✓

Upper deck, forward well.

1- 14" dia c.v., coaming 36" x 40" to hold
1- 16" " " " " "

Upper deck, after well.

2-24" dia. C.V., coaming 12' x 40 to P.R. ✓

Efficient means of closing provided for all ventilators. Ventilators over 36" in height efficiently supported.

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

All air pipes in exposed positions on freeboard and superstructure decks 2", 3", 4", 4 1/2" and 6" dia. are of substantial construction, with a minimum height of sill of 36" on freeboard deck and 18" on superstructure decks.

Efficient means of closing provided for all airpipes. ✓

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes :—

No overboard discharges from spaces below freeboard deck; from poop accommodation on and above freeboard deck overboard discharges led through ship's sides above the freeboard deck with automatic non-return valves at shell of substantial construction and approved material; from midship accommodation above the freeboard deck overboard discharges led through ship's sides above the freeboard deck with automatic non-return valves at shell of substantial construction and approved material ✓

Weather deck is drained by open bends. ✓

Particulars of Side Scuttles :—

None fitted below freeboard deck

None fitted below freeboard deck
Side scuttles in poop, bridge and forecabin sides of substantial construction; also fitted with hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel.

Particulars of Guard Rails :—

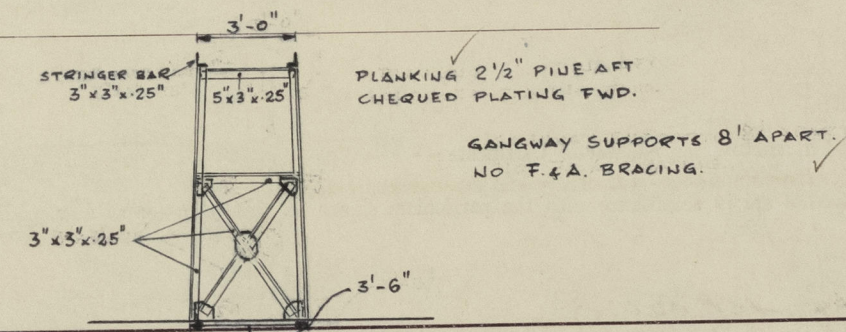
Guard rails fitted on freeboard deck, forecastle and poop deck (3 rails). ✓

Guard rails fitted along F. & A. gangway (2 rails).

Guard rails fitted along F.A. gangway (2 rails). ✓
All rails and stanchions of substantial construction; stanchions spaced a maximum of 5' apart.

Bulwark fitted on bridge deck. ✓

Particulars of Gangways, Lifelines, etc. :—




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 fitted for more than half length of the exposed			portion of the	weather deck.	
Forward Well	Open rails fitted for more than half length of the exposed			portion of the	weather deck.	

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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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
UPPER DECK											
POOP DECK											
Description of Hatchway	O.T. CARGO	HATCHES	F. & A. COFFERDAM MANHOLES	DRY CARGO HOLD	BOATSWAIN'S STORE	CHAIN LOCKER	CHAIN LOCKER COFFERDAM	TO STEERING GEAR	COFFERDAM MANHOLES	O.F. BUNKERS	
Dimensions of Hatchway	WINGS	CENTRE									
COAMINGS	Height above Deck	36"	10" x 3 1/2" x 36"	2'-7"	9"	9"	9"	24"	10"	31"	
	Thicknes { Sides	.30"	B.A.	9" x 3 1/2" x 40"	.40	9" x 3 1/2" x 36"	9" x 3 1/2" x 36"	9" x 3 1/2" x 36"	.40	.30"	.40"
	Thicknes { Ends			B.A.		B.A.	B.A.	B.A.			
	Stiffeners	✓	✓	✓	7" x 3" x 36" B.A.	✓	✓	✓	✓	✓	✓
	Brackets, Stays	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HATCH BEAMS	Number										
	Spacing										
	Scantling and Sketch										
FORE AND AFTERS	Number										
	Spacing										
	Unsuported Lengths Scantling* and Sketch										
HATCH COVERS	Material	Hinged steel	Hinged steel	Hinged steel	Hinged steel	Wood	Hinged steel	Hinged steel	Wood	Bolted	Hinged steel
	Thicknes	O.T. lid, 50"	O.T. lid, 50"	O.T. lid, 50"	W.T. lid, 50"	2 1/2"	W.T. lid, 40"	W.T. lid, 40"	2 1/2"	O.T. steel, 40"	O.T. lid, 50"
	How fitted	thick, with	thick, with	.40, with	with F&A	F&A	with packing	with packing	F&A	lids with	.50" thick
	Bearing Surface	toggles	toggles	toggles	Stiffeners 36" apart	3"	& toggles	& toggles	2 1/2"	packing	with packing & toggles
Spacing of Cleats	✓	✓	✓	7" x 3" x 36" with packing & toggles	24"	✓	✓	24"	✓	✓	✓
Number of Tarpaulins	✓	✓	✓	1	✓	✓	✓	2	✓	✓	✓
*Are wood fore and afters steel shod at all bearing surfaces? ✓											
Are battens and wedges efficient and in good condition? yes											
Are tarpaulins in good condition and in accordance with rule requirements? yes											
Are lashings provided in accordance with rule requirements? yes											

Particulars of any special features:—

Steel skylight of substantial construction on poop deck to S.G. with strong steel hinged flaps (coamings) with glasses and locking arrangements. ✓

7" dia. flush bolted ullage plugs in upper deck for each tank. ✓

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.

SURVEY FEE: L.L. 138.000.=
CAR FUND: L.L. 4.140.=
OFF. EXPS.: L.L. 16.560.=
REV. TAX: L.L. 4.261.=
5/3/54



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