

Lloyd's Register of Shipping.

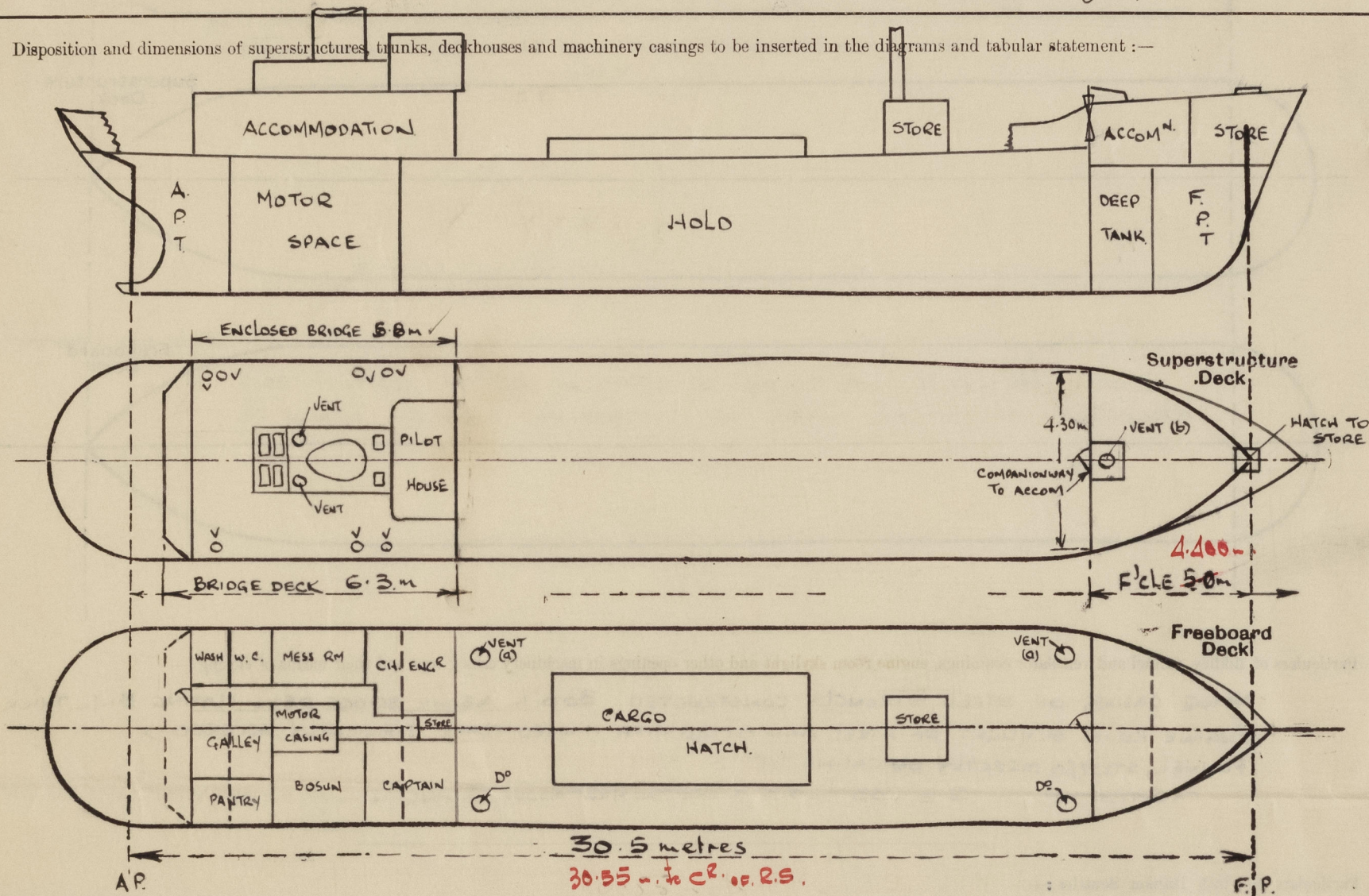
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

28 MAR 1952

Ship's Name **"BRUNA"** Port of Survey **TRIESTE**
 Official Number _____ Surveyor's Signature *Alex M. Hopkins*
 Nationality and Port of Registry **LIBERIAN - MONROVIA** Date of Survey *29th February 1952.*

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.

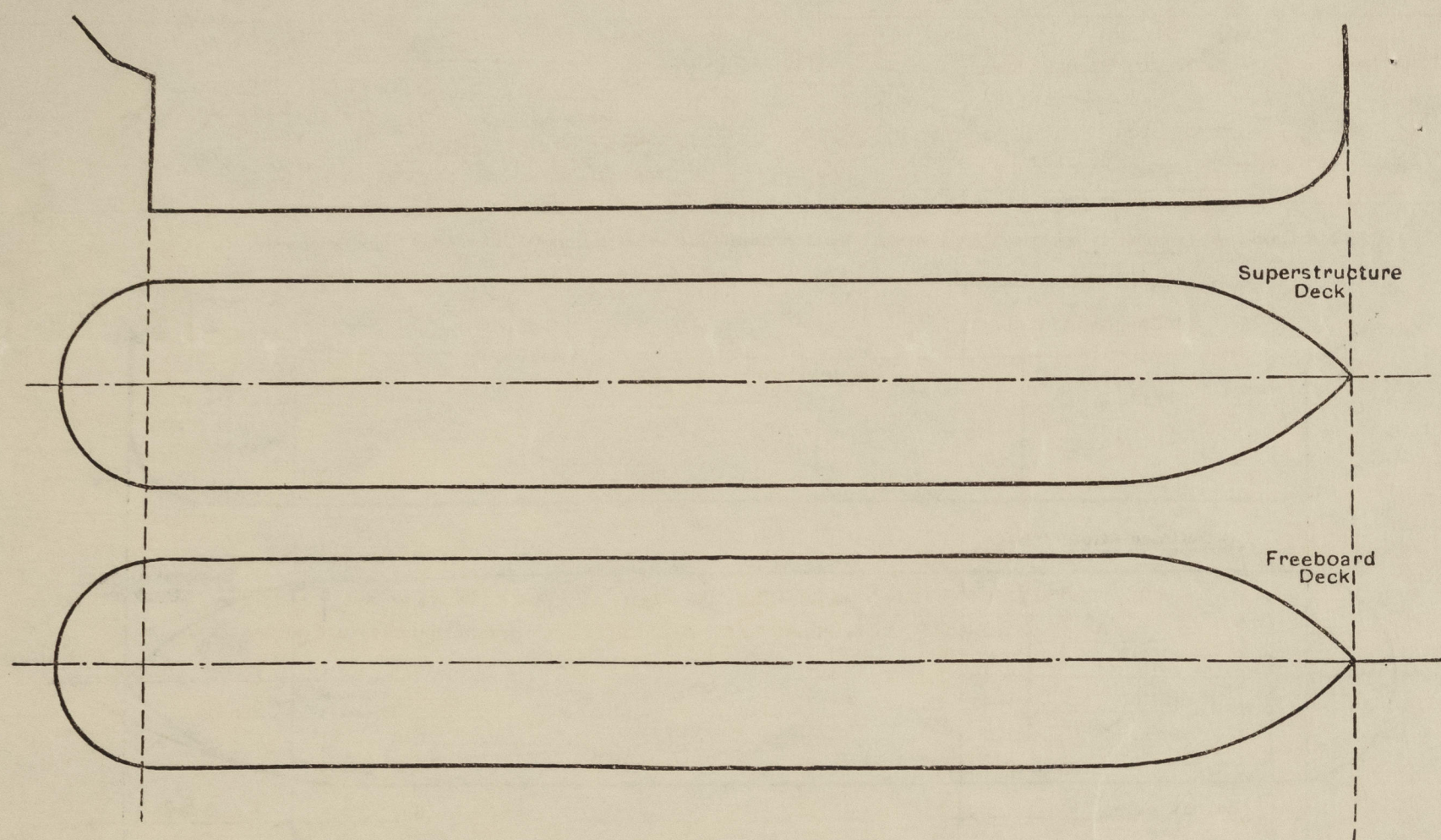
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	5 1/2"	4.5 1/2"	50x50x6 1/2" L	500 1/2"	✓	1420 x 650	360 1/2"	2000 1/2"
Bridge, Forward Bulkhead ...	7.5 1/2"	6 1/2"	80x8 1/2" FLAT	550 1/2"	BKT TOP & BOTTOM 250 x 150 x 8	-	6 1/2"	2000 1/2"
Forecastle Bulkhead ...	6 1/2"	5 1/2"	70x8 1/2" FLAT	650 1/2"	BKT TOP & BOTTOM 150 x 150 x 8	1500 x 650	360 1/2"	1500 1/2"
Trunk, Aft ...	✓						610 1/2"	
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks ...	5 1/2"	3.5 1/2"	55x6 1/2" FLAT	500 1/2"	✓	✓	✓	
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 ...	✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	WOOD DOOR CAPABLE OF BEING OPERATED FROM BOTH SIDES ✓
Bridge, Forward Bulkhead ...	NO OPENING.
Forecastle Bulkhead ...	STEEL DOOR CAPABLE OF BEING OPERATED FROM BOTH SIDES. ✓
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 ...	✓ Particulars of closing appliances according to E.R.
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:—

MOTOR CASING OF STEEL STRONGLY CONSTRUCTED 200% ABOVE BRIDGE DECK PLATING 5/16" THICK
ENGINE ROOM SKYLIGHT OF STEEL AND FITTED WITH HINGED FLAPS EFFICIENTLY SECURED.
FUNNEL STEPPED DIRECTLY ON CASING TOP.
VENTILATORS:— 2 @ 250" DIA X 615" HIGH ABOVE CASING TOP.

Particulars of Flush Bunker Scuttles:—

NONE

Particulars of Companionways:—

DOOR ON F'CLE FRONT BULKHEAD TO CREW'S ACCOM. STEEL DOOR 1550 X 650 SILL 260" HIGH
DOOR ON AFT BRIDGE BULKHEAD TO ACCOM. WOOD DOOR 1420 X 650 SILL 360" HIGH.
Down to E.R. at aft end of Bridge Deck. Wood 650" SILL 300" Down 0.88.

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

- (a) 4 VENTILATORS - 250" DIA X 7.5" THICK X 915" HIGH ON F'BOARD DECK TO HOLDS.
(b) 1 VENTILATOR - 150" DIA X 6" THICK ON COMPANION TOP TO ACCOM FOR² OF MUSHROOM TYPE 150" DIA.
(c) 8 MUSHROOM VENTILATORS 150" DIA X 6" THICK ON BRIDGE DK TO ACCOM.
ALL VENTILATORS SUPPLIED WITH WOOD PLUGS AND CANVAS COVERS.

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

- 1 AIR PIPE ON F'CLE DK (P+S) 75" DIA TO FORE PEAK TANK, 715" HIGH
1 AIR PIPE ON F'CLE DK (P) 75" DIA TO DEEP TANK, 715" HIGH
1 AIR PIPE ON BRIDGE DK (P+S) 75" DIA TO OIL FUEL TANKS IN E.R., 715" HIGH
1 AIR PIPE ON F'BOARD DK (P+S) 75" DIA TO OIL FUEL TANKS IN E.R., 915" HIGH
1 AIR PIPE ON F'BOARD DK (P) 75" DIA TO AFT PEAK TANK, 915" HIGH

ALL AIR PIPES ARE ~~WOOD~~ FITTED WITH PERFORATED PLATES TO OIL TANKS AND WOOD PLUGS TO WATER TANKS.

Particulars of Gangway Cargo and Coaling Ports:—

NONE

Particulars of Scuppers and Sanitary Discharge Pipes:—

SCUPPERS FROM FREEBOARD DECK DISCHARGE OVERBOARD
SCUPPERS FROM F'CLE AND BRIDGE DECKS DISCHARGE ON FREEBOARD DECK
ALL SANITARY DISCHARGES FROM SPACES ABOVE THE FREEBOARD DECK DISCHARGE OVERBOARD AND FITTED WITH NON RETURN VALVES ON SHIP'S SIDES

Particulars of Side Scuttles:—

SIDE SCUTTLES FITTED ON SHELL IN WAY OF FORECASTLE AND BRIDGE
OF BRASS STRONGLY CONSTRUCTED AND FITTED WITH HINGED DEADLIGHTS.

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

4.4 metres.

Particulars of Guard Rails:—

BULWARKS ARE 900" HIGH ON FREEBOARD DECK SIDES STRONGLY CONSTRUCTED AND EFFICIENTLY SUPPORTED

GUARD RAILS ON FORECASTLE DECK
Rails 900" high, 3 Rails strong, 1/4" apart.

Particulars of Gangways, Lifelines, etc.:—

LIFELINE PROVIDED FROM FORECASTLE TO BRIDGE

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 ...	3000"	1300"	✓	✓		
Forward Well ...	18700"	900"	1100" x 270"	4 P.S.	1.08m ²	1.17m ²

State position of each freeing port ... (F. and A. position and height above deck edge)

After Well:—
Forward Well:—

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— 3 VERTICAL BARS ON EACH PORT.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway	...	...	...	MAIN CARGO HATCH		HATCH F'CLE DECK TO STORE			
Dimensions of Hatchway	...	...	...	8840 x 6000	34' 0" x 20' 0"	500 x 500			
COAMINGS	{	Height above Deck	...	650 ¹ / ₂ "		200 ¹ / ₂ "			
		Thickness	{ Sides	9 ¹ / ₂ "		7 ¹ / ₂ "			
			{ Ends	9 ¹ / ₂ "		7 ¹ / ₂ "			
		Stiffeners	...	180 x 80 L					
		Brackets, Stays	...	Stayed same than 10' apart					
HATCH BEAMS	{	Number	...	5 ¹ / ₂ "					
		Spacing	...	1500 ¹ / ₂ "					
		Scantling and Sketch	...				NONE		
		Bearing Surface	...	70					
FORE AND AFTERS	{	Number	...						
		Spacing	...						
		Unsupported Lengths	...						
		Scantling* and Sketch	...	NONE		NONE			
		Bearing Surface	...						
HATCH COVERS	{	Material	...	PINE		HINGED STEEL			
		Thickness	...	65 ¹ / ₂ "		COVER SECURED			
		How fitted	...	F & A		BY TOGGLES			
		Bearing Surface	...	70					
Spacing of Cleats	...	...	...	615 ¹ / ₂ "		✓			
Number of Tarpaulins	...	...	...	3		✓			
<p>*Are wood fore and afters steel shod at all bearing surfaces? ✓</p> <p>Are battens and wedges efficient and in good condition? YES ✓</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? YES ✓</p> <p>Are lashings provided in accordance with rule requirements? YES ✓</p>									

Particulars of any special features :—

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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