

# Lloyd's Register of Shipping.

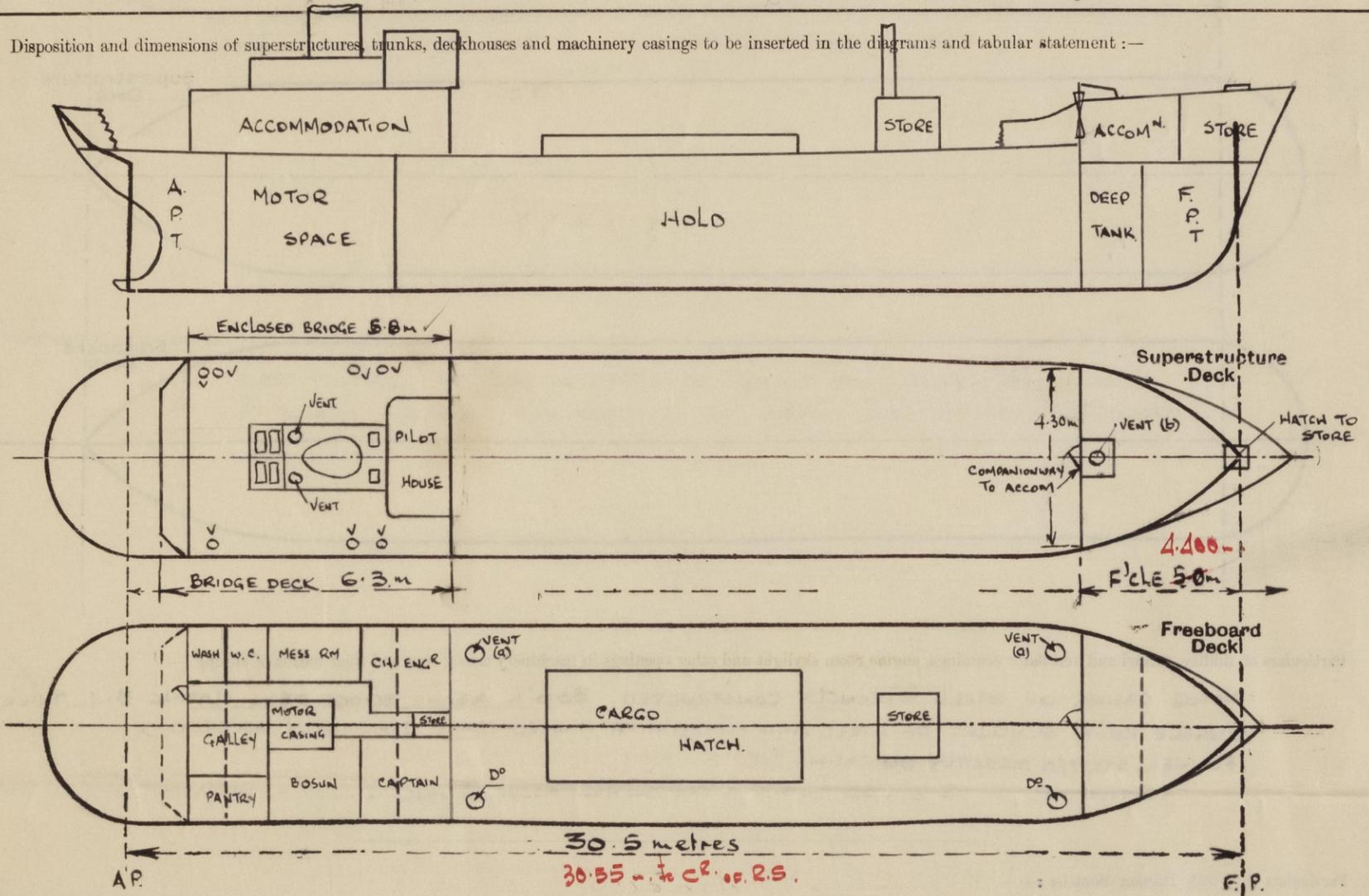
## SURVEYS FOR FREEBOARD.

(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 :-



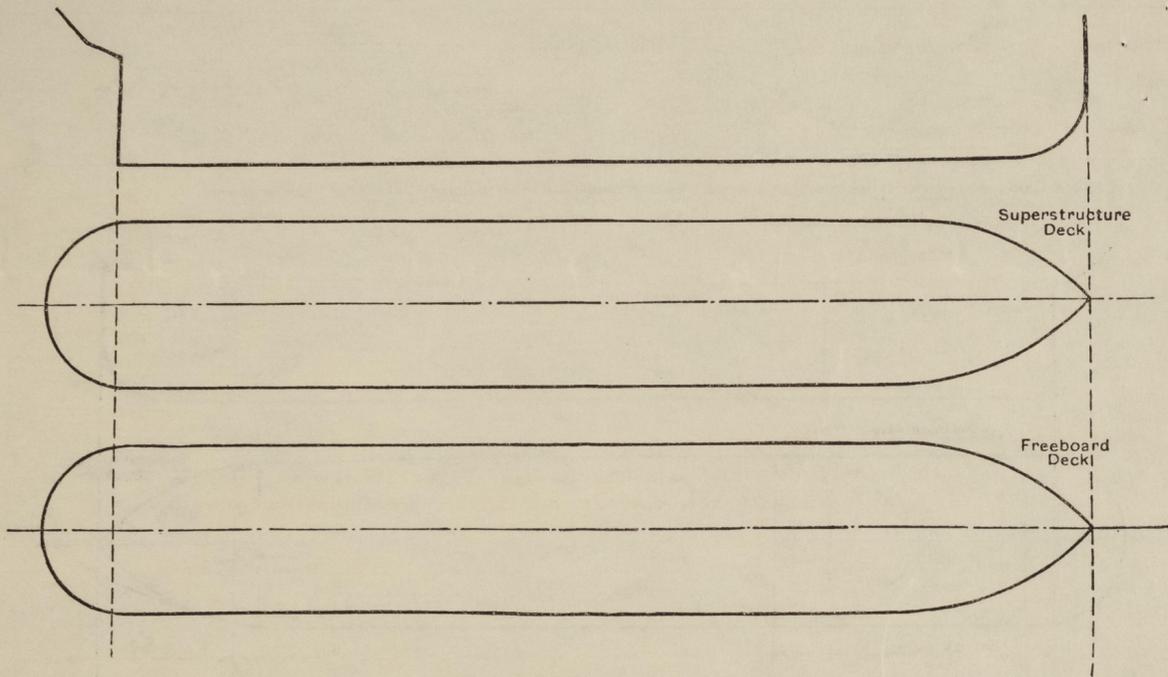
Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	5 1/2"	4.5 1/2"	50x50x6 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 ...	<del>NO OPENING.</del>
Forecastle Bulkhead ...	STEEL WOOD 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 access 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. X  
FUNNEL STEPPED DIRECTLY ON CASING TOP. X  
VENTILATORS:— 2 @ 250% DIA X 615% HIGH ABOVE CASING TOP. X

Particulars of Flush Bunker Scuttles:—

NONE X

Particulars of Companionways:—

DOOR @ ON F'CLE FRONT BULKHEAD TO CREW'S ACCOM. <sup>STEEL</sup> DOOR 1550 X 650 SILL 610% 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% high. Sill 300% high. 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. X
- (b) 1 VENTILATOR - 150% DIA X 6% THICK ON COMPANION TOP TO ACCOM FOR<sup>2</sup> OF MUSHROOM TYPE *150% high*
- (c) 8 MUSHROOM VENTILATORS 150% DIA X 6% THICK ON BRIDGE DK TO ACCOM.

ALL VENTILATORS SUPPLIED WITH WOOD PLUGS AND CANVAS COVERS. X

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

ALL AIR PIPES ARE ~~WOOD~~ FITTED WITH PERFORATED PLATES *Canvas Covers* X  
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 X  
SCUPPERS FROM F'CLE AND BRIDGE DECK DISCHARGE ON FREEBOARD DECK X  
ALL SANITARY DISCHARGES FROM SPACES ABOVE THE FREEBOARD DECK DISCHARGE OVERBOARD AND FITTED WITH NON RETURN VALVES ON SHIP'S SIDES X

Particulars of Side Scuttles:—

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

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

4.4 metres. X

Particulars of Guard Rails:—

BULWARKS ARE 900% HIGH ON FREEBOARD DECK SIDES STRONGLY CONSTRUCTED AND EFFICIENTLY SUPPORTED  
GUARD RAILS ON FORECASTLE DECK X  
*Rails 900% high. 3 Rails 57mm high. 1M apart.*

Particulars of Gangways, Lifelines, etc.:—

LIFELINE PROVIDED FROM FORECASTLE TO BRIDGE X

Particulars of Freeing Arrangements.

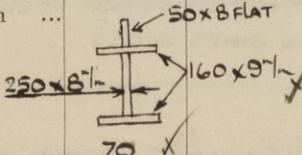
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ... ..	3000%	1300%	✓	✓		
Forward Well ... ..	18700% X	900% X		4 P&S.	1.08m <sup>2</sup> X	1.17m <sup>2</sup> X

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:— 3 VERTICAL BARS ON EACH PORT. X

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 6800 <i>3400</i>		500 x 500					
COAMINGS	Height above Deck	650 <sup>1/2</sup>		200 <sup>1/2</sup>					
	Thickness	Sides	9 <sup>1/2</sup>		7 <sup>1/2</sup>				
		Ends	9 <sup>1/2</sup>		7 <sup>1/2</sup>				
	Stiffeners	180 x 80 L							
Brackets, Stays	<i>Stiffened same than 10' apart</i>								
HATCH BEAMS	Number	5							
	Spacing	1500 <sup>1/2</sup>							
	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 COVER SECURED BY Toggles					
	Thickness	65 <sup>1/2</sup>							
	How fitted	F & A							
	Bearing Surface	70							
Spacing of Cleats	...	615 <sup>1/2</sup>							
Number of Tarpaulins	...	3							
<p>*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/></p> <p>Are battens and wedges efficient and in good condition? YES <input checked="" type="checkbox"/></p> <p>Are tarpaulins in good condition and in accordance with rule requirements? YES <input checked="" type="checkbox"/></p> <p>Are lashings provided in accordance with rule requirements? YES <input checked="" type="checkbox"/></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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