

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

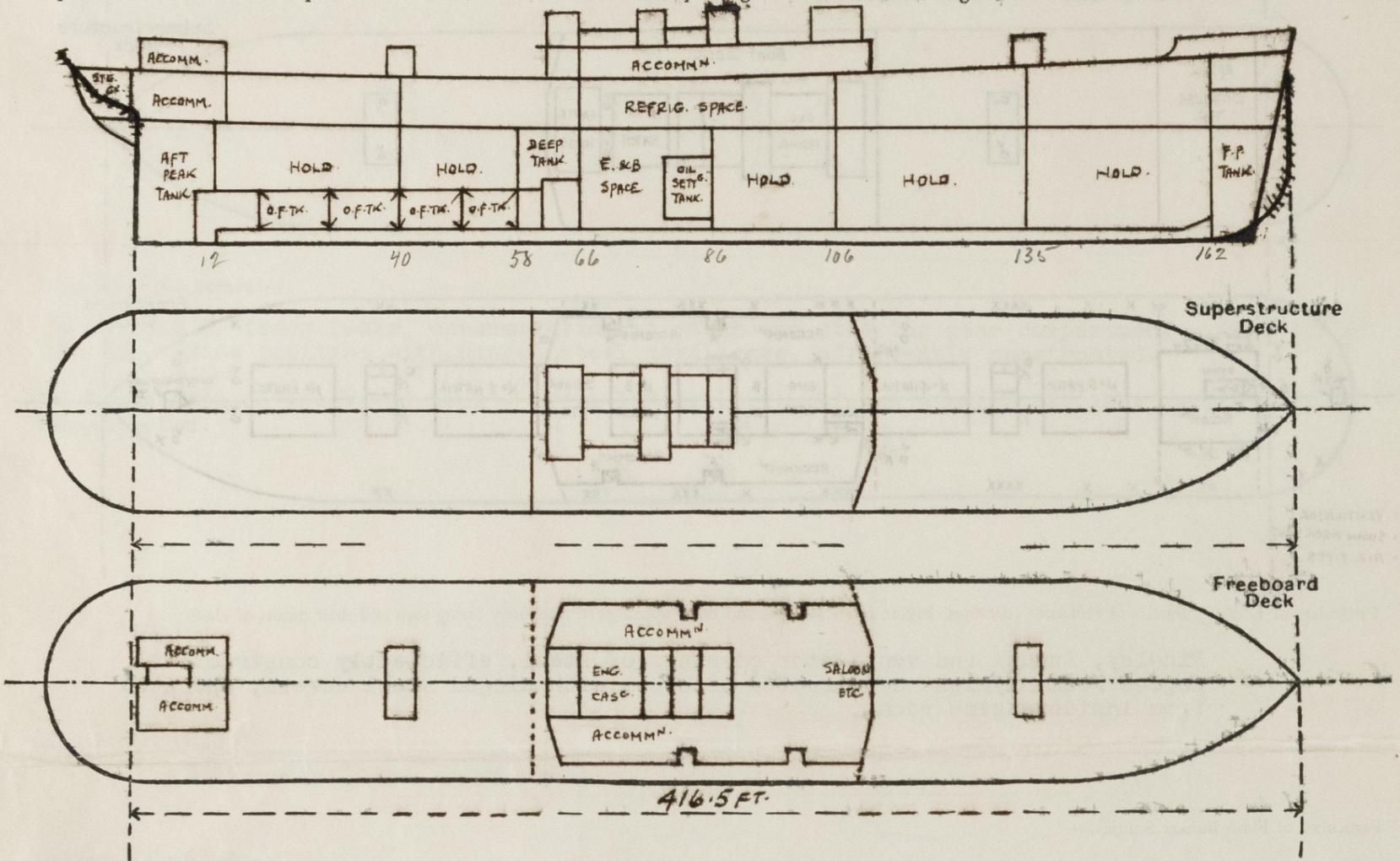
7 OCT 1946

"APJ ASHWINI"

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "RABAU" Port of Survey Vancouver, B. C.  
 Official Number \_\_\_\_\_ Surveyor's Signature R. M. Scott.  
 Nationality and Port of Registry ~~British~~ <sup>Indian</sup> Suva Date of Survey August, 1946.  
 (Fiji Islands)

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.

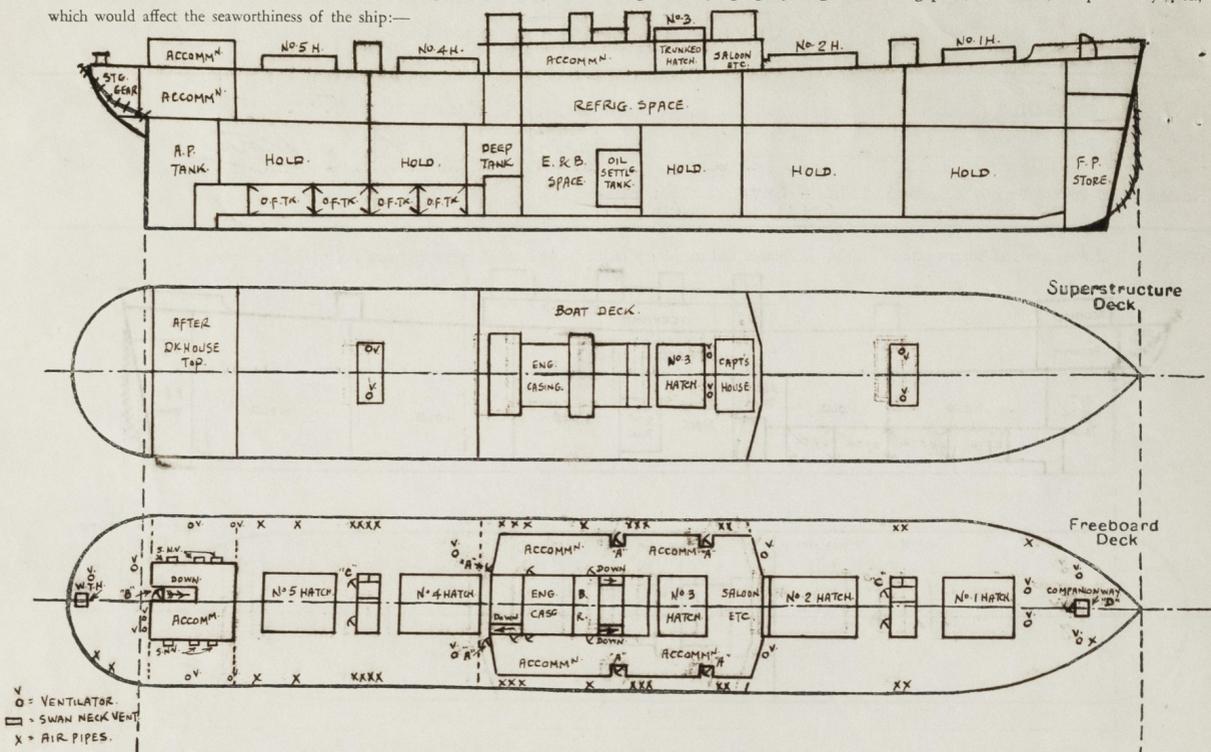
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...								
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...								
Saloon House		.31	3"x3"x.34" & 5"x3"x.38" (Toe Wld. & Webs)	30"	Brackets Top & Btm.	None	-	7'-6"
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ...								
Trunk, Aft Mast Houses		.38	5"x3 1/2"x.38" & Div. Bhds.	24" & 30"	Brackets Top & Btm.	5'0"x2'0"	20"	7'-6"
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks								
Exposed Machinery Casings on Superstructure Deck Boat Deck		.31	3"x3"x.38" (Toe welded)	27" & 30"	Brackets at top	None	-	3'-0"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances								
Deckhouses on Flush Deck Ships		.31 & .34	3x3x3/8 (Toe welded) & 3"x3" F.B.	24" & 33"	Brackets top & Btm. also ends welded	See Companionways		7'-6"

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	-
Raised Quarter Deck Bulkhead ...	-
Bridge, After Bulkhead ...	-
Saloon House	No openings.
Bridge, Forward Bulkhead ...	-
Forecastle Bulkhead Mast Houses	Hinged steel weathertight doors capable of being manipulated from both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	-
Exposed Machinery Casings on Superstructure Deck Boat Deck	No openings in sides.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	-
Deckhouses on Flush Deck Ships	Hinged wood doors, capable of being manipulated 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:—

Fiddle, funnel and ventilator coamings of steel, efficiently constructed. Engine room skylight constructed of steel with hinged steel covers, operated from inside engine room.

Particulars of Flush Bunker Scuttles:—

NONE

Particulars of Companionways:—

- "A" Midship Deckhouse - opg. 5'2"x2'2" - Sill 18", with hinged wood doors, operated from both sides - leading to Passageway, P. & S. alongside Mch. casing.
- "B" After Deckhouse - opg. 5'0"x1'11" - Sill 18", with hinged weathertight door operated from both sides - leading to accommodation aft.
- "C" Mast Houses - opg. 5'0"x2'0" - Sill 20", with hinged weathertight door operated from both sides - enclosing Hold & Twn. Dk. Escape Trunks.
- "D" Companionway at Bow - 7'6", high - 4'3"x3'8" of 3/8" steel with hinged steel weathertight door-5'x2', sill 24" enclosing entrance to forward stores.

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

- Freeboard Deck:— 2 @ 10" dia. coam. 36" high x .34
- 2 @ 23" " " 10 ft. " x .44 efficiently stayed
- 2 @ 23" " " 49" high x .40 " "
- 2 @ 23" " " 36" " x .40 " "
- 2 @ 18" " " 36" " x .50
- 1 @ 12" " " 36" " x .36
- 1 @ 10" " " 36" " x .34
- 6 @ 6" " " 36" " x .30
- 6 S.N. Vents 7"x5" coam. 38 - 32" to opening.
- Top of Mast Houses 4 @ 35" dia. coam. 31" high x .38
- Boat Deck 2 @ 18" dia. " 10'-8" high x .40 efficiently stayed
- Wood plugs and canvas covers provided for coamings.
- Wood plug for S.N. Vents.
- FREEBOARD DECK 2 @ 8" DIA. COAMING 36" x .34
- AFT DECKHOUSE TOP 1 @ 12" " 30" x .34

Ventilators to spaces below Freeboard Deck

*operated from both sides*

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

- 2", 2 1/2", 3", 4", 5" & 6" diameter air pipes on Freeboard Deck to Peaks, O.F. Settling Tanks, O.F. Tanks, Deep Tank & Double Bottom Tanks - (27") to opening.
- Wire gauze fitted at openings of air pipes to oil fuel tanks. & AUTOMATIC "VAREC" VALVES.
- Wood plugs provided for remainder of air pipes.

Particulars of Gangway Cargo and Coaling Ports:—

*Rabaul.*

NONE

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers from Freeboard Deck - openings cut in stringer angle, Port & Starboard.

Sanitary Discharges from spaces above Freeboard Deck led through ship's side above 2nd deck and fitted with automatic non-return valves.

Particulars of Side Scuttles:—

To Nos. 4 & 5 'Tween Decks, accommodation at stern and steering gear compartment - 10", 12" & 16" dia. Side scuttles with hinged steel deadlights, efficiently constructed.

To Deckhouses on Freeboard Deck - 12" & 16" dia. with hinged steel deadlights, efficiently constructed.

Vertical distance of Sill of lowest Side Scuttle above top of keel 33'-9" (between frs. 60-1, Port Side)

Particulars of Guard Rails:—

Steel bulwark 4'-0" high at bow, Port & Starboard, extends for approx. 46 ft. and efficiently stayed. Steel " 3'-6" amidships, Port & Starboard " " " 126 ft. " " stayed. Elsewhere on Freeboard Deck - Stanchions 3'-6" high with 3 rows of rails, stanchions spaced about 5 ft. apart.

Particulars of Gangways, Lifelines, etc:—

Provision made for rigging lifelines, Port and Starboard, on after and Forward decks.

Storm rails fitted on sides of midship deckhouse.

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Midships						
After Well	126 ft.	3'-6"	3'-0" x 9" 2'-3" x 9"	23 1	6.44 4.19	
Forward Well	-	-	-	-	-	-

State position of each freeing port ... { MIDSHIPS: - Aft End. 19'-6" 12' 5'-6" 3'-0" FORE END. 9 1/2" ABOVE DECK EDGE.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— NONE.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.							
FREEBOARD DECK					Boat Dck	Fbd. Dk.	
Description of Hatchway	No. 1	No. 2	No. 4	No. 5	No. 3	W.T. Hatch to Gr.	
Dimensions of Hatchway	33'8" x 19'11"	34'11" x 19'11"	34'11" x 19'11"	32'5" x 19'11"	19'11" x 19'11"	2'-3"	
COAMINGS S = Sides E = Ends	Height above Deck		38"		28"	18"	
	Thickness { Sides		.44"		.40"	.38"	
	{ Ends		.44"		.40"		
	Stiffeners		8" x 3 1/2"	.36" B.A.			
Brackets, Stay	6 x 3 1/2 O.A.	S3 El	S3 El	S3 El	S3 El	S&El	
HATCH BEAMS	Number	5	5	5	5	3	
	Spacing	67 1/2"	70"	70"	65"	60"	
	Scantling and Sketch	Web Plate 18" x .34					None
	FLANGES	Top & Bottom flanges 10" x 1/2"					None
Bearing Surface	4" 3"	3" 4"	3" 4"	3" 4"	3" 4"		
FORE AND AFTERS	Number						
	Spacing						
	Unsupported Lengths						
	Scantling and Sketch	None					
Bearing Surface							
HATCH COVERS	Material	B.C. Fir				Hinged steel	
	Thickness	3" 2 1/4"				W.T. cover	
	How fitted	F. & A.				with	
	Bearing Surface	3" at Hatch Ends 4 1/2" on beams					
Spacing of Cleats		S-24"	E 18"			hinged	
Number of Tarpaulins			2			toggles	
*Are wood fore and afters steel shod at all bearing surfaces? <b>No fore and afters fitted.</b> Are battens and wedges efficient and in good condition? <b>Yes</b> Are tarpaulins in good condition and in accordance with rule requirements? <b>Yes</b> Are lashings provided in accordance with rule requirements? <b>Yes</b>							

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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