

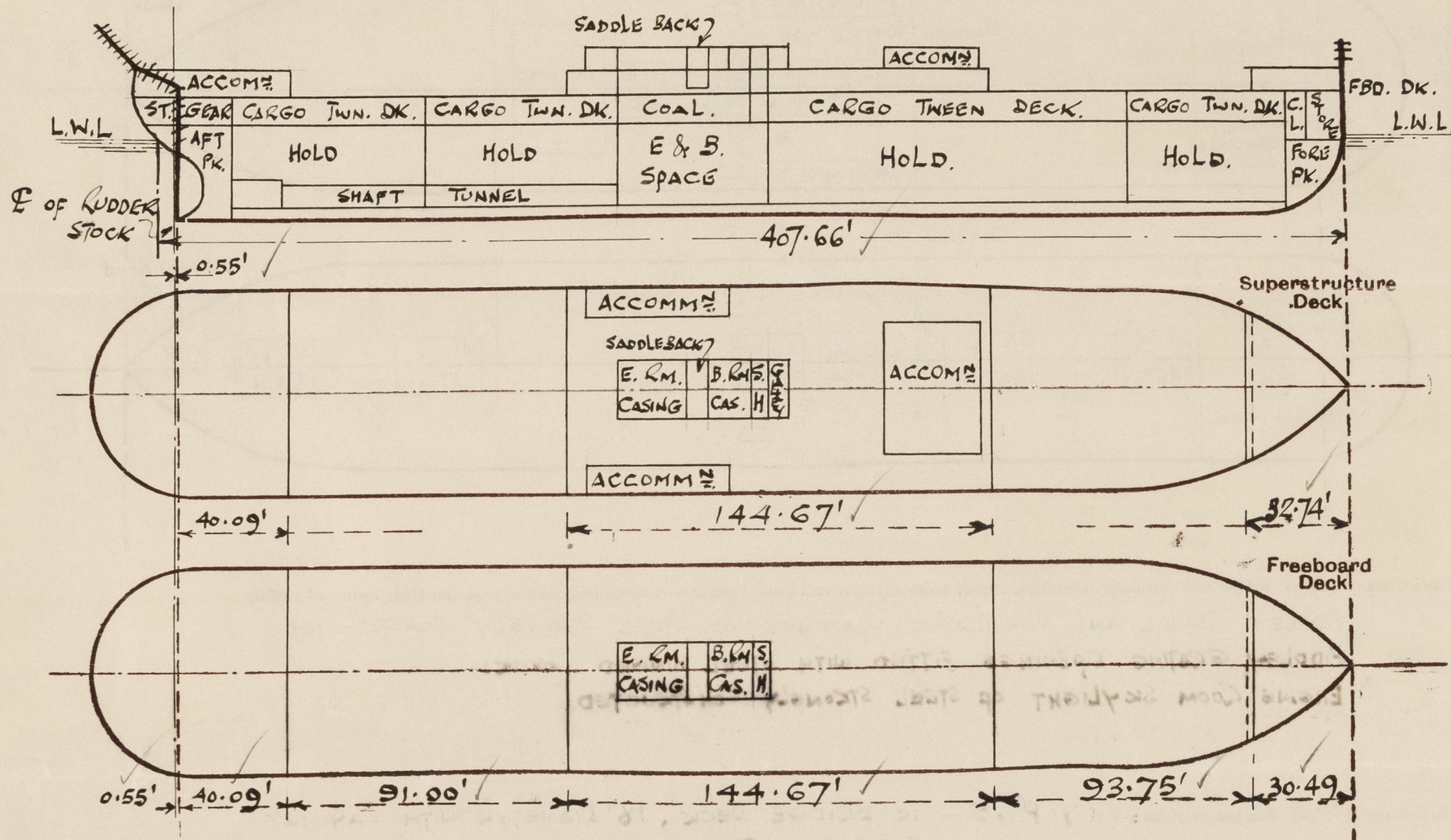
## Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "JALAPUSHPA" Port of Survey VIZAGAPATAM, SOUTH INDIA.  
 Official Number 191980. Surveyor's Signature J. S. Harkin  
 Nationality and Port of Registry INDIAN BOMBAY Date of Survey WHILST 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 ...	.38"	.38"	6"x3"x44 O.A.	24" To 30"	WELDED Top & Bottom.	2@5'0"x2'3"	18"	7'6"
<del>Raised Quarter Deck Bulkhead</del> ...	x	x	x	x	x	x	x	x
Bridge, After Bulkhead ...	.30"	.30"	4"x3"x31"	30"	NONE.	2@5'0"x3'6" 1@5'0"x3'0"	18"	8'0"
Bridge, Forward Bulkhead ...	.44"	.44"	10"x3 1/2"x44 B.A.	27"/30"	WELDED Top & Bottom.	2@5'0"x3'0"	18"	8'0"
Forecastle Bulkhead ...	.30"	.30"	4"x3"x31"	31"/34 1/2"	NONE	1@5'0"x2'0" 1@5'0"x4'0"	18"	7'3"
<del>Trunk</del> ...	x	x	x	x	x	x	x	x
<del>Trunk</del> ...	x	x	x	x	x	x	x	x
<del>Exposed Machinery Casings on Deck</del> ...	x	x	x	x	x	x	x	x
Exposed Machinery Casings on Superstructure Decks ...	.34"	.30"	3"x3"x31" & 3"x3"x37"	28"	BKT. AT Top CONT. BAR Bot.	4@5'0"x2'3"	18"	7'6"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	.30"/.40"	.26"	3"x3"x31" & 3"x3"x37"	28"	CONT. BAR Top NONE AT Bot.	1@5'0"x3'0" 2@2'6"x1'9"	15" 27"	8'0"
Deckhouses on Flush Deck Ships ...	x	x	x	x	x	x	x	x

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

Poop Bulkhead ...	WOOD DOORS - MANIPULATED FROM BOTH SIDES. ✓
<del>Raised Quarter Deck Bulkhead</del> ...	x
Bridge, After Bulkhead ...	2-TONNAGE OPENINGS FITTED WITH 2 7/8" BOARDS IN CHANNELS. ✓ 1-STEEL DOOR IN HALVES - MANIPULATED FROM BOTH SIDES. ✓
Bridge, Forward Bulkhead ...	2-HINGED WATERTIGHT STEEL DOORS - MANIPULATED FROM BOTH SIDES. ✓ 1-TONNAGE OPENING FITTED WITH 3 1/4" BOARDS IN CHANNELS. ✓ 1-STEEL DOOR - MANIPULATED FROM BOTH SIDES. ✓
<del>Exposed Machinery Casings on Deck</del> ...	x
Exposed Machinery Casings on Superstructure Decks ...	2-WOOD DOORS TO E.R.M., 2-STEEL DOORS IN HALVES TO STOKEHOLD - ALL MANIPULATED BOTH SIDES. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	3-STEEL HINGED DOORS - MANIPULATED FROM BOTH SIDES. ✓
Deckhouses on Flush Deck Ships ...	x



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CONTINUATION of VIZAG. RPT. N<sup>o</sup>. 92.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

		HATCHWAYS ON <del>MAIN DECK</del> <sup>POOP</sup> SUPERSTRUCTURE DECK.							
		BRIDGE DK.	POOP	CASING TOP					
Description of Hatchway	...	N <sup>o</sup> 3 CARGO	COALING HATCHES	POOP STORES	SADDLE- BACK				
Dimensions of Hatchway	...	16'4" x 18'0"	2 @ 9'0" x 3'0"	2 @ 2'0" x 2'0"	3'0" x 16'0"				
COAMINGS	Height above Deck	30"	30"	20 1/2"	10" x 3 1/2" x 42				
	Thickness	.50	.38	.40	8.A. GAMG.				
	Sides	.44	.38	.40	10" VERT.				
	Stiffeners	10'3 1/2" x 42 SA	X	X	X				
	Brackets, Stays	7' x 3 1/2" x 38 SA 2 1/2" DIA.	X	X	X				
HATCH BEAMS	Number	3							
	Spacing	4' - 2 3/8"							
	Scantling and Sketch	4' x 3" x 50"	X	X	X				
	PLATE	18 7/8" x 30"							
	BOTTOM ANGLES	4' x 3" x 50"							
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling* and Sketch								
	Bearing Surface								
HATCH COVERS	Material	O.P.	O.P.	.25" STEEL	O.P.				
	Thickness	2 1/2"	2 1/2"	HINGED	2 1/2"				
	How fitted	F & A.	ATHNT.	W.T. COVERS	F & A.				
	Bearing Surface	3"	3"	WITH	2 1/2"				
Spacing of Cleats	...	24"	24"	TOGGLE	24"				
Number of Tarpaulins	...	3.	3	FASTENING	1				
*Are wood fore and afters steel shod at all bearing surfaces?		X							
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.							

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Particulars of any special features:—



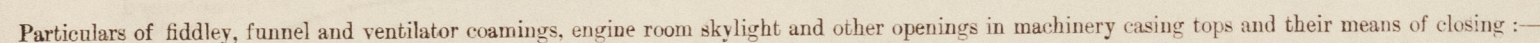
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The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



Particulars of Flush Bunker Scuttles:— 1 P & S - IN BRIDGE DECK, 18" DIAMETER WITH SANYONET FASTENING, FITTED WITH PREVENTER CHAIN.

Particulars of Companionways :-

STAIRWAY OPENING ENCLOSED IN STRONGLY CONSTRUCTED POOP	
DECKHOUSE (STEEL) - WOOD DOOR (P&S) 18" COAMING - MANIPULATED BOTH SIDES.	
STEEL TRUNK TO STEERING GEAR - STEEL HINGED DOOR - 18" COAMING, 5'0" x 2'0"	✓ 10.8.8
" " " TUNNEL - " " " - 18" " , 5'0" x 1'0"	✓

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

POOD DECK:-		1- 18" DIAR.	26 1/2" x 44"	COAMING	TO TUNNEL.
2- 6"	"	32 1/2" x 31"	"	"	FOOD STOK
4- 12"	"	32 1/2" x 38"	"	"	CREW.
1- 9"	"	32 1/2" x 38"	"	"	CREW.
2- 8"	"	32 1/2" x 31"	"	"	STEERING GEAR.
2- 11"	"	32 1/2" x 38"	"	"	PASSAGE.

<u>BRIDGE DECK:</u>	2-18"	"	26 1/2"	x	44"	"	"	SIDE BUNKER	
	2-18"	"	30"	x	44"	"	"	BRIDGE SPACE	
	2-16"	"	36"	x	44"	"	"	CROSS BRK. HOLD.	
	2-16"	"	36"	x	44"	"	"	N° 2 HOLD.	
	1-15"	"	30"	x	44"	"	"	TWEEN DEK.	
	2-10"	"	30"	x	38"	"	"	" " "	
	2-20"	"	DERRICK POST VENTS " / " "						

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

POOP DECK: - 1- 3" DIAM. To RUDDER TRUNK.  
2- 5" " To AFTER PEAK TANK.

BRIDGE DECK:-

2-5"	"	"	Nº 5 D.B. TANK.
2-3"	"	"	Nº 4 " "
2-5"	"	"	Nº 4 " "
2-5"	"	"	DRY TANK.
2-3 1/2"	"	"	Nº 3 D.B. TANK.
2-5"	"	"	Nº 3 " "
2-3"	"	"	Nº 2 " "

FORECASTLE DECK:- 1-8" DIAR 36" x 31" COAM<sup>g</sup> TO STORE.

UPPER DECK :- 12-16" " 36"x44" " " HOLDS.  
10-16" " 36"x44" " " TWIN DECK.  
2-16" " 7'3"x31" WITHIN OVER-  
-HANG OF FEELS T. TWIN. OK.

ALL VENTILATORS CONSTRUCTED IN  
ACCORDANCE WITH THE RULES & PROVIDED  
WITH WOOD PLUGS AND CANVAS COVERS.  
VENTS EXCEEDING 36" IN HEIGHT  
SUITABLY SUPPORTED.

UPPER DECK:- 3-3 1/2" DIAM. TO N° 6 D. B. TANK.

2-3 1/2"	"	"	Nº 5	"	"
4-5"	"	"	Nº 2	"	"
2-3"	"	"	Nº 1	"	"

PC'S LE DECK:- 1- 3" " " No 1 " "  
3- 5" " " JOKE PEAK TANK.

ALL AIR PIPES FITTED WITH WOOD PLUGS, ✓  
COAMINGS 36" ON UPPER DECK, 30" HIGH ON POOP  
& FORECASTLE DECKS, 18" ON BRIDGE DECK. ✓

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Particulars of Scuppers and Sanitary Discharge Pipes :—

IN WELLS:- 3p & 3s (COLLISON TYPE) LED OVERBOARD BELOW FREEBOARD DECK. ✓  
3p & 3s SCUPPER OPENINGS CUT IN STRINGER ANGLE AND SHEERSTRAKE ABOVE  
FREEBOARD DK. - COMPENSATION ANGLES FITTED BELOW. ✓

IN WAY OF POOP:- 1-5" AUTOMATIC N.R.S.V. (P45) LED OVERBOARD.

(below F8D. DK.) 1-3 1/2 " " " " " "

1 = 1 1/2"	"	"	"	"	"
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IN WAY OF BRIDGE:- 1- 2" " " " " " 1/2"

(Below FBD, DK) 1- 3 1/2 " " (S. ONLY) " " / (

1 - 2 1/2" " " (p. on LY) " " /  
" " " (S. on LY) " " /

1- 2" (XPS) / FO I BOILER ROOM BILGES AND

1- 2" (PT) LED TO BOILER ROOM SIGAL AND  
FITTED WITH WEIGHTED LEVER COCK.

Particulars of Side Scuttles :—

2 (145) 12" DIAMETER - STEERING GEAR SPACE.

8 (p+s) 12" " - POOP ACCOMMODATION.

3 16" " - Poop FRONT.

20-15 13" " - FORECASTLE SPACE.

ALL OF SUBSTANTIAL CONSTRUCTION & FITTED WITH HINGED DEADLIGHTS.

Vertical distance of Sill of lowest Side Scuttle above top of keel 31' 6 1/2"

Particulars of Guard Rails :—

Particulars of Guard Rails :-  
POOP, FORECASTLE & BRIDGE (CLEAR OF SIDEHOUSES) :- STANCHIONS 3'-6" HIGH SPACED APPROX. 5' 0"  
 FITTED WITH 3 RAILS (TOP 1 1/4" DIA. OTHERS 7/8" DIA.).

UPPER DECK: - CLEAR OF SUBSTANTIALLY CONSTRUCTED 3' 6" HIGH STEEL BULWARKS  
PORTABLE RAILS AS FOR P. B. & F.C.S.L. ✓

Particulars of Gangways, Lifelines, etc. :- LIFELINES FITTED IN FOR'D AND AFTER WELLS.

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 ... ..	91' 0"	3' 6"	OPEN RAILS IN WAY N <sup>o</sup> 4 HATCH - 21' 0" N <sup>o</sup> 5 " - 23' 4"	✓	✓	18.2 $\frac{1}{2}$
Forward Well ... ..	91' 6"	3' 6"	- DO - N <sup>o</sup> 2 HATCH 20' 0"	✓	✓	18.3 $\frac{1}{2}$
State position of each freeing port ... ..				✓		
(F. and A. position and height above deck edge)				✓		
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.				✓		



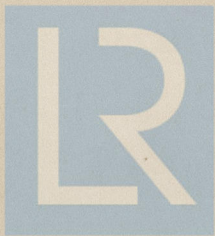
PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
Description of Hatchway	...	...	Nº 1. CARGO.	Nº 2 CARGO.	Nº 3 CARGO	Nº 4 CARGO	Nº 5 CARGO	COALING HATCHES	TRIMMING HATCHES	CHAIN LOCKER	FORE PK. STORE.
Dimensions of Hatchway	...	...	24'9" x 18'0"	30'4" x 18'0"	16'4" x 18'0"	30'4" x 18'0"	25'8" x 18'0"	20'8" x 3'0"	20'2" x 2'6"	2'0" x 3'6"	4'0" x 3'0"
COAMINGS	{	Height above Deck	30"	30"	10 1/2" x 42"	AS	AS				
		Thickness	.50"	.50"	B.A. GAMING	FOR	FOR				
		Sides	.44"	.44"	10" VERT.	Nº 2.	Nº 1.				
		Ends	10" x 3 1/2" x 42" BA.	10" x 3 1/2" x 38" BA.							
		Stiffeners	7" x 3 1/2" x 38" BA.	7" x 3 1/2" x 38" BA.							
		Brackets, Stays	2 - 2 1/2" DIA	3 - 2 1/2" DIA							
HATCH BEAMS	{	Number Spacing (MAXIMUM)	4	5	3	5	4				
		Scantling and Sketch	5'0 1/2"	5'1 5/8"	4'1"	5'1 5/8"	5'2 3/4"				
		Top ANGLES			4" x 3"	4" x 3"	4" x 3"				
		PLATE			18 3/8" x 38"	14" x 38"	18 3/8" x 38"	18 3/8" x 44"			
		Bottom ANGLES			4" x 3"	4" x 3"	4" x 3"				
		Bearing Surface	ON COLLERS ON COLLERS	ON COLLERS ON COLLERS	ON SHOES ON ROLLERS	ON ROLLERS ON ROLLERS					
FORE AND AFTERS	{	Number									
		Spacing									
		Unsupported Lengths									
		Scantling and Sketch									
		Bearing Surface									
HATCH COVERS	{	Material									
		Thickness									
		How fitted									
		Bearing Surface									
Spacing of Cleats	...	...	24"	24"	24"	24"	24"	24"	12"/18"	13"/18"	15"/18"
Number of Tarpaulins	...	...	3	3	1	3	3	1	1	1	1
*Are wood fore and afters steel shod at all bearing surfaces?			X								
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:—

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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