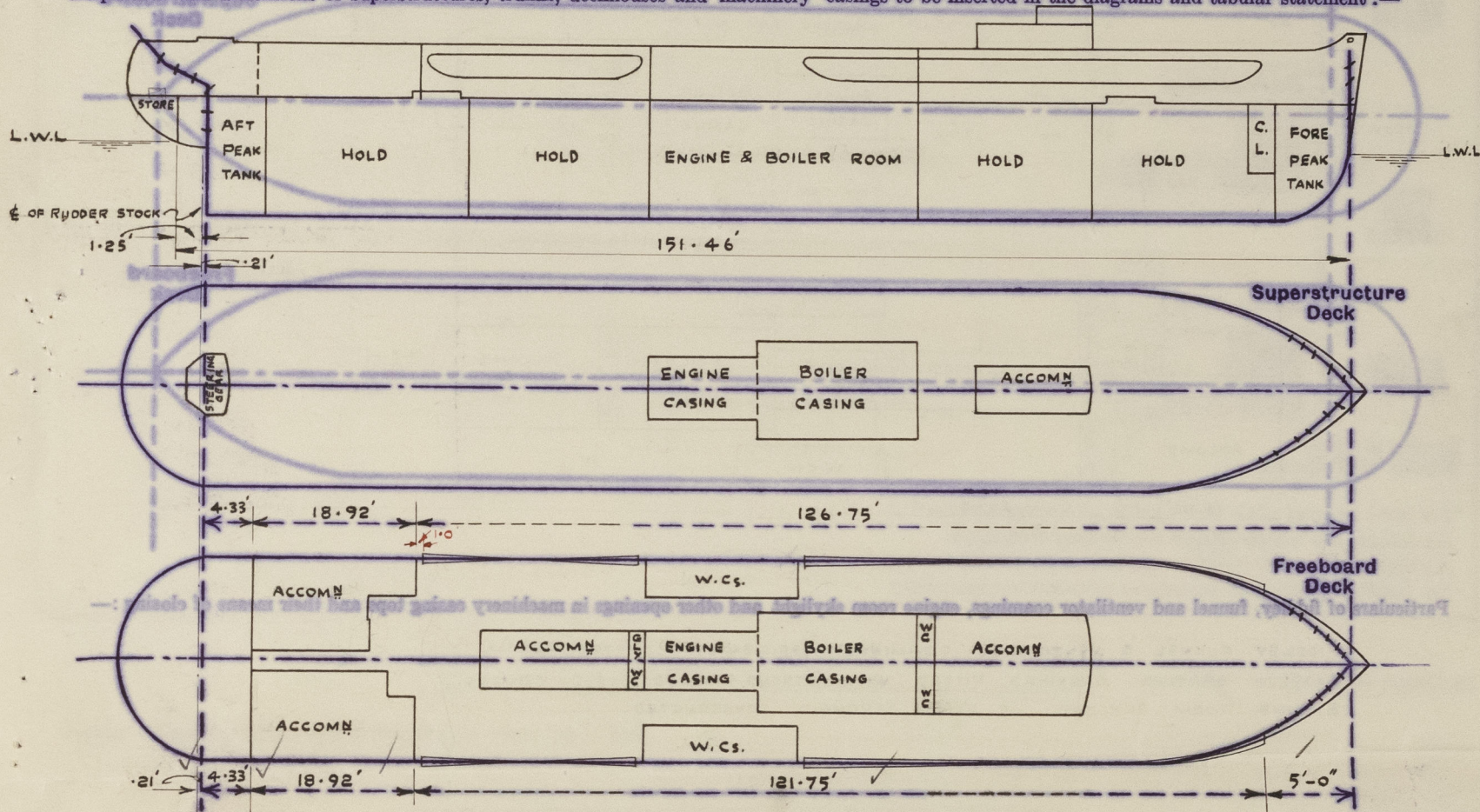


Lloyds Register of Shipping.

Index No. 39640
(For London Office only)SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Ship's Name S.S. KUTUBTARI Port of Survey VIZAGAPATAM
 Official Number _____ Surveyor's Signature R. B. J. Jeyaraj
 Nationality and Port of Registry BRITISH CALCUTTA Date of Survey WHILE 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	1/4" WHERE EXPOSED 3/16" ELSE WHERE	1/4" WHERE EX. 3/16" ELSE WHERE	PLATE LAPPED 2 1/2" X FLANGED 2 1/2"	2'-10"	NIL	1 @ 5'-0" X 2'-0"	18" ABOVE W.S.	7'-3" ABOVE W.S.
Raised Quarter Deck Bulkhead ..								
Bridge, After Bulkhead								
Bridge, Forward Bulkhead								
Forecastle Bulkhead								
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	1/4"	1/4"	2 1/2" X 2 1/2" X 1/4"	1'-9"	BKT. TOP CONT. BAR BOTTOM	4 @ 5'-0" X 2'-0"	18" ABOVE W.S.	7'-3" ABOVE W.S.
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances								
Deckhouses on Flush Deck Ships ..	1/4"	1/4"	2 1/2" X 2 1/2" X 1/4"	2'-3"	NIL	7 @ 5'-0" X 2'-0"	18" ABOVE W.S.	7'-3" ABOVE W.S.

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

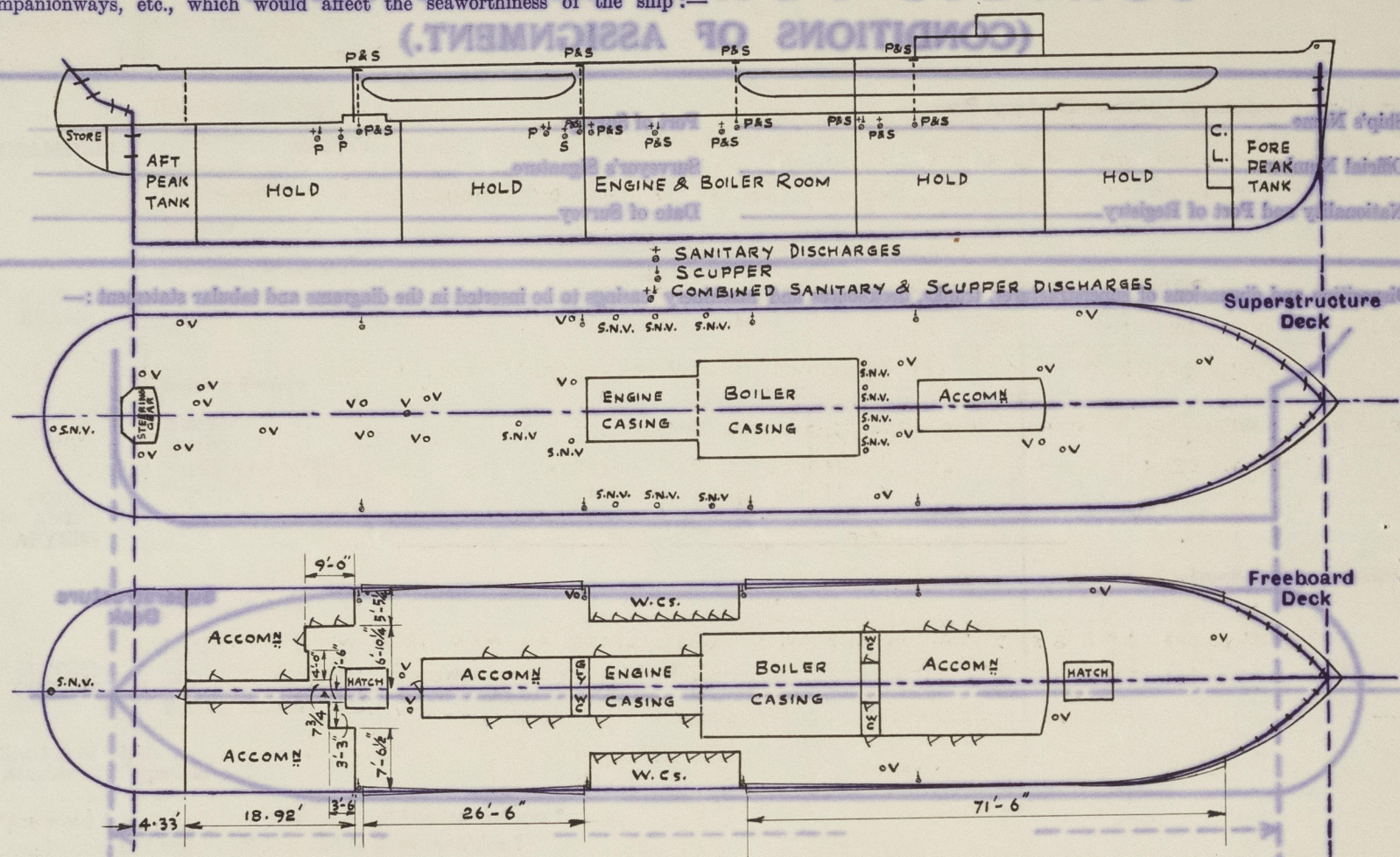
Poop Bulkhead	1 WOOD DOOR MANIPULATED FROM BOTH SIDES.
Raised Quarter Deck Bulkhead ..	
Bridge, After Bulkhead	
Bridge, Forward Bulkhead	
Forecastle Bulkhead	OPEN
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	2 P & 2 S STEEL DOORS MANIPULATED FROM BOTH SIDES.
Exposed Machinery Casings on Superstructure Decks	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	
Deckhouses on Flush Deck Ships ..	2 P & 2 S WOOD DOORS IN PASSAGE MANIPULATED FROM BOTH SIDES. 3 STEEL DOORS PORT W.C. & WASH PLACE MANIPULATED FROM BOTH SIDES.

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Lloyd's Register
Foundation

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 & VENTILATOR COAMINGS EFFICIENTLY CONSTRUCTED.
FIDDLE GRATING OPENINGS FITTED WITH STRONG HINGED STEEL COVERS.
ENGINE ROOM SKYLIGHT OF STEEL STRONGLY CONSTRUCTED.

Particulars of Flush Bunker Scuttles:—

2 P & 25 MATERIAL CAST IRON. OVERALL DIA. 2'-3 1/2" BAYONET JOINT
CLEAR OPENING 1'-6 1/2" DIA. PROVIDED WITH PERMANENT CHAIN ATTACHMENT.

Particulars of Companionways:—

NONE

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

1-5" DIA. S.N.V.	3/8"	TRUNKED TO STORE	4-6" DIA. S.N.V.	3/8"	TO W.C. & WASH PLACE
2-8" DIA. C.V.	2 1/4 x 5/16"	COAMING TO CREW ON MAIN DECK.	2-8" DIA. C.V.	2 1/4 x 5/16"	COAMING TO MAIN DECK
2-8" DIA. C.V.	2 1/4 x 5/16"	TO W.C. TO WASH PLACE.	1-12" DIA. C.V.	2 1/4 x 3/8"	TO HOLD (STBD. SIDE)
1-8" DIA. C.V.	2 1/4 x 3/8"	FROM SHADE DK. TO HOLD	2-8" DIA. C.V.	2 1/4 x 5/16"	TO SALOON (P & S)
1-8" DIA. C.V.	2 1/4 x 5/16"	TO CREW	2-12" DIA. C.V.	2 1/4 x 3/8"	TO HOLD (P & S) SHADE DK.
1-8" DIA. C.V.	2 1/4 x 5/16"	TO MAIN DECK.	1-12" DIA. C.V.	2 1/4 x 3/8"	TO HOLD (P)
2-12" DIA. C.V.	2 1/4 x 3/8"	TO HOLD			
2-8" DIA. C.V.	2 1/4 x 5/16"	TO MAIN DECK			
1-6" DIA. C.V.	2 1/4 x 5/16"	TO CLERK CABIN			
2-4" DIA. S.N.V.	5/16"	TO BATH			
1-6" DIA. C.V.	2 1/4 x 5/16"	COAMING TO GALLEY			
1-12" DIA. C.V.	2 1/4 x 3/8"	TO HOLD			
4-6" DIA. S.N.V.	3/8"	TO W.C.			
2-4" DIA. S.N.V.	5/16"	TO WASH PLACE			

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

3" DIA. AIR PIPE TO FORE PEAK TANK (STARBOARD)
3" DIA. AIR PIPE TO FORE PEAK TANK (PORT)
3 1/2" DIA. AIR & FILLING PIPE FORE PEAK TANK (STARBOARD)
3" DIA. AIR PIPE TO AFT PEAK TANK (STARBOARD)
3 1/2" DIA. AIR & FILLING PIPE AFT PEAK TANK (PORT)

ALL AIR PIPES FITTED WITH WOOD PLUGS, COAMINGS 30" HIGH ON SHADE DECK.

Particulars of Gangway Cargo and Coaling Ports:—

NONE					
Particulars of Scuppers and Sanitary Discharge Pipes:—					
SCUPPERS:— 8 — OFF 4P & 4S 3" DIA. (COLLINS) ON MAIN DECK. ✓					
8 — OFF 4P & 4S 2" DIA. ORDINARY ON SHADE DECK DISCHARGING ON MAIN DECK. ✓					
SANITARY DISCHARGES:—					
MAIN DECK:— 4P & 4S LED OVERBOARD BELOW FREEBOARD DECK, STORM VALVES FITTED. ✓					
COMBINED SCUPPER & SANITARY DISCHARGES:—					
MAIN DECK:— 4P & 2S LED OVERBOARD BELOW FREEBOARD DECK, STORM VALVES FITTED. ✓					
Particulars of Side Scuttles:—					
16 — OFF 8P & 8S 9" DIA. IN SIDE W.C.S. & WASH PLACES ON MAIN DECK WITHOUT DEADLIGHTS.					
13 — OFF 7P & 6S 10" DIA. IN CREW ACCOMMODATION AFT MAIN DK. WITH HINGED					
ALL OF SUBSTANTIAL CONSTRUCTION. ✓					

Vertical distance of Sill of lowest Side Scuttle above top of keel 15'-4" ✓

Particulars of Guard Rails:—

SHADE DECK:— FITTED WITH 3 RAIL STANCHIONS (TOP 1 1/4" DIA. OTHERS 7/8" DIA.)
3'-6" HIGH; STANCHIONS SPACED ABOUT 3'-6" APART.
GUARD RAILS FITTED WITH STRONG WIRE MESH NETTING.

Particulars of Gangways, Lifelines, etc.:—

NOT REQUIRED ✓

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 END	26.50	3'-6"	1'-6" x 2'-6"	2	7 1/2" φ	8.26 f62 9.15
Forward Well END	71.50	3'-6"	1'-6" x 2'-6"	2	7 1/2" φ	12.91 f62 14.30
State position of each freeing port { After Well:— 29'-0" AFT OF MIDSHIP (F. and A. position and height above deck edge) { Forward Well:— 13'-0" FORD. " " }						
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— FITTED WITH 7/8" DIA. BARS 6" APART AND HINGED SHUTTERS. ✓						
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	STORE UNDER POOP						
Dimensions of Hatchway	7' x 6'	8'-9" x 6'-6"	18" x 16 1/2"						
COAMINGS { Height above Deck .. Thickness { Sides .. { Ends .. Stiffeners .. Brackets, Stays ..	24" 40" 40" - -	18" 40" 40" - -	FLUSH HATCH 2 1/2" x 2 1/4" O.A. 9"						
HATCH BEAMS { Number .. Spacing .. Scantling and Sketch .. Bearing Surface ..									
FORE AND AFTERS { Number .. Spacing .. Unsupported Lengths .. Scantling* and Sketch TOP ANGLES PLATE BOTTOM FLAT Bearing Surface ..	1 OF SHIP 2 1/2" x 2 1/2" x 3/8" 5 1/2" x 3/8" 1 1/2" x 1/2" PLATE W. 3" 3"	1 OF SHIP 2 1/2" x 2 1/2" x 3/8" 5 1/2" x 3/8" 1 1/2" x 1/2" PLATE W. 3" 3"							
HATCH COVERS { Material .. Thickness .. How fitted .. Bearing Surface ..	W.P. 2 1/2" ATHWART SHIPS 2 1/2"	W.P. 2 1/2" ATHWART SHIPS 2 1/2"	X						
Spacing of Cleats	1'-11 1/4"	2'-0"							
Number of Tarpaulins	2	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 :—

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.

Particulars of Freeing Arrangements.						
Length of Hatch	Height of Hatch	Size of Freeing Ports	Number each side	Area each side	Side area each side	
						After Well
						Forward Well
<p>State position of each freeing port (T. and A. position and height above deck edge) :—</p> <p>After Well :—</p> <p>Forward Well :—</p> <p>State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of each :—</p> <p>Additional area where there is less than standard.</p>						