

# Lloyd's Register of Shipping.

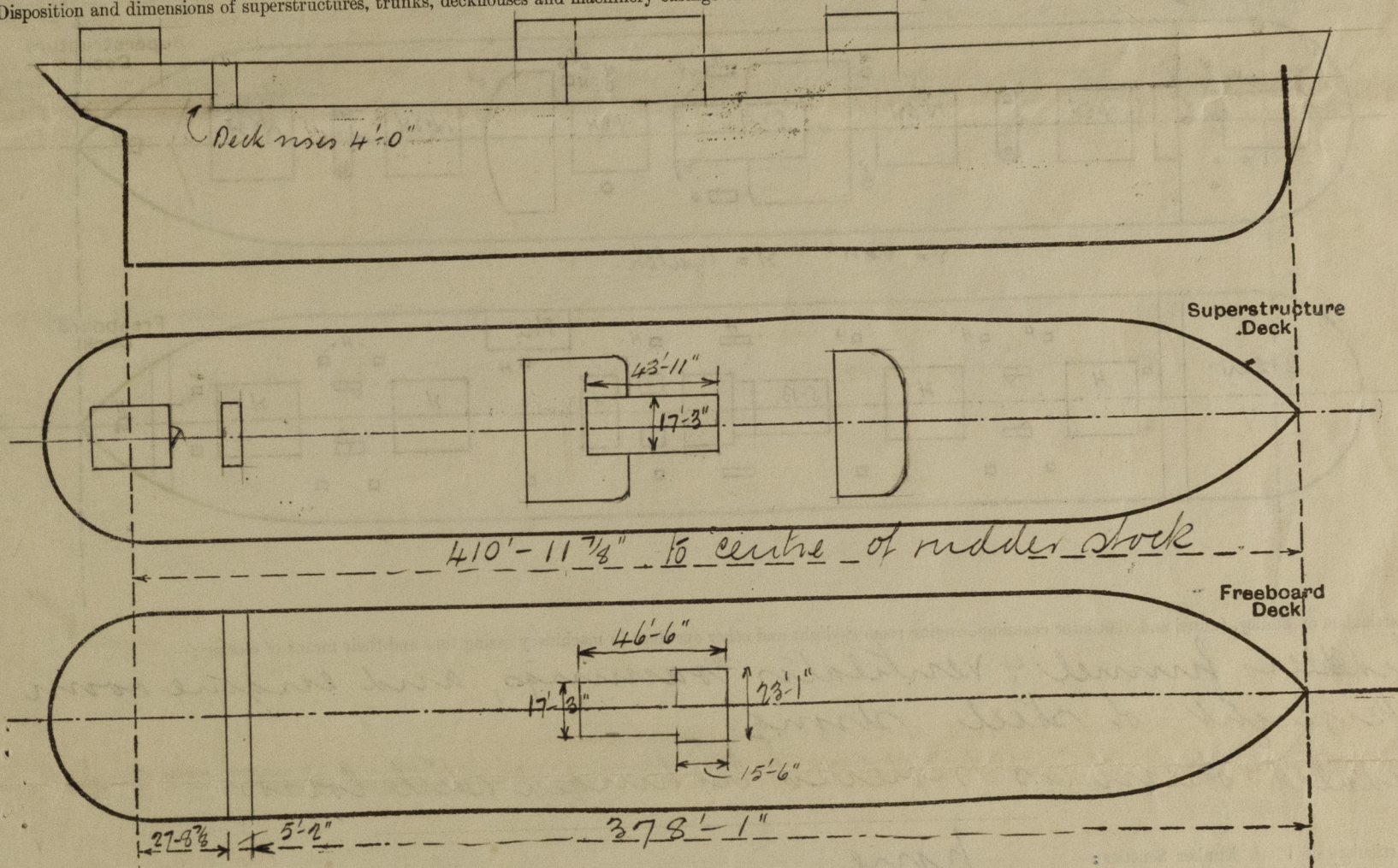
## SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

No 32461

Ship's Name "Lodestone" Port of Survey Sunderland  
 Official Number 166585 Surveyor's Signature Askerrie  
 Nationality and Port of Registry British, London 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 ...	✓	30	5" flange	28"-32"	Top. Dk bar	✓	✓	8'-0"
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓	32	6" flange	29"-30"	Bottom. Dk bar	2@6'+3'-1"	18"	11'-0"
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead ...	✓							
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks ...	34	30	3+3+30	24"-31"	Top. Part Bkts Bottom. Dk bar	2@4'6"+3'	18"	7'-9"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	34	36	"	23"-46"	Dk bars	✓	✓	8'-6"
Deckhouses on Flush Deck Ships ...	✓							

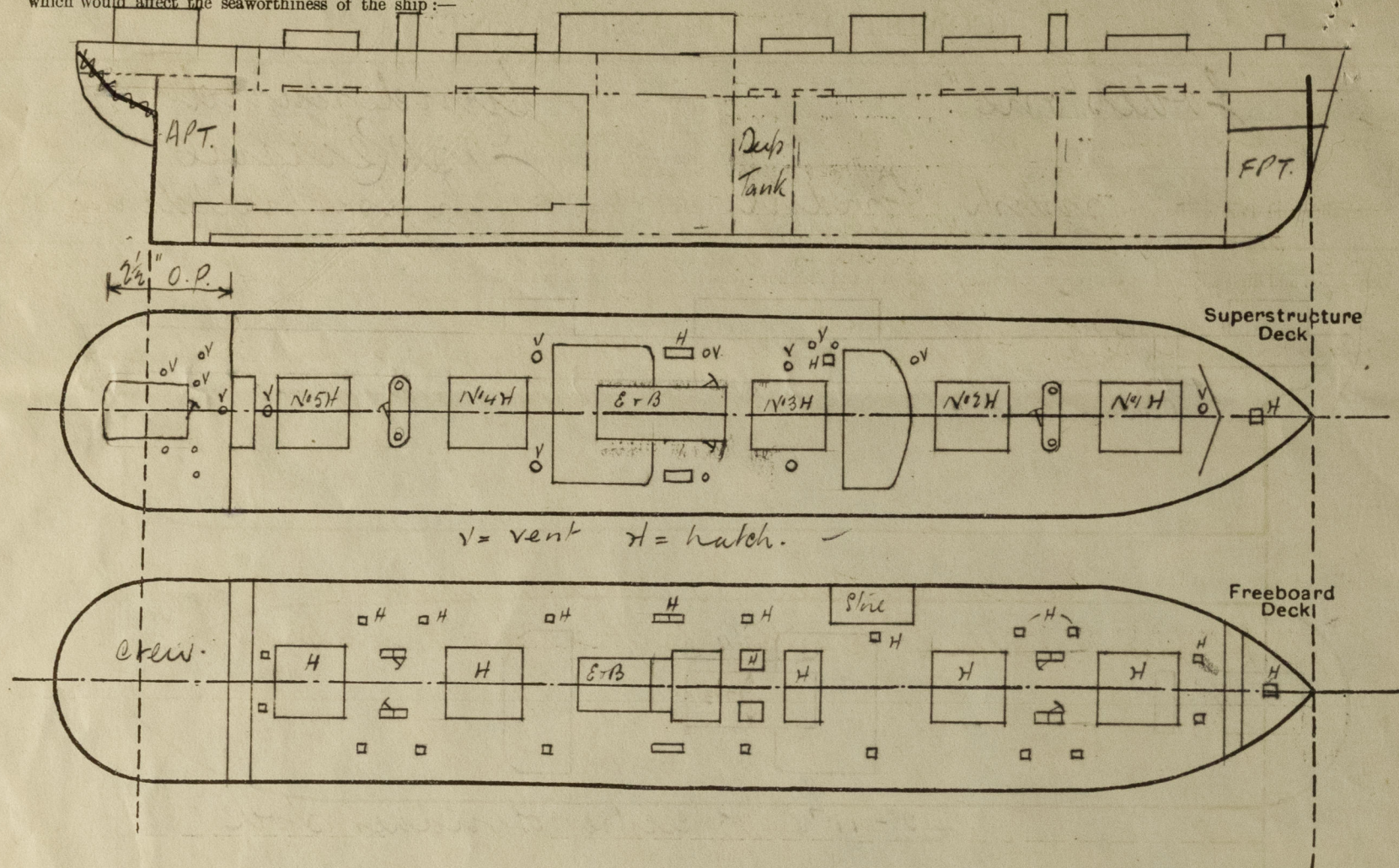
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	<del>None</del> No openings.
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	2 1/2" Shifting boards full height in rivetted channels ✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ...	Winged steel doors securing from either side ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓
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:-

Fiddle, funnel & ventilator coamings, and engine room skylight of steel, strong.  
Fiddle openings protected by hinged steel covers.

Particulars of Flush Bunker Scuttles:-

None.

Particulars of Companionways:-

Entrance door to over space, at fore end of after deckhouse. Teak door 2" thick 18" wide.

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

Fore Peak Store.	1 - 3" dia.	coaming 36" x 30"	✓	All ventilators closed by wooden plugs & canvas covers.
Holds. (No 1)	1 - 21" "	"	36" x 40"	
"	5 - 21" "	"	30" x 40"	
Tween Deck Stores.	2 - 9" "	"	30" x 32"	
Refryg. Machy.	1 - 15" "	"	30" x 36"	
Bunkers	2 - 12" "	"	30" x 34"	
Machinery Tops.	4 - 21" "	"	18" x 40"	
Tunnel	1 - 9" "	"	33" x 32"	✓
Crew Space	6 - 6" "	"	33" x 32"	
"	3 - 9" "	"	15" x 32" (On deckhouse top)	✓

Particulars of Air Pipes in exposed positions on freeboard and superstructure decks:-

F.P. Tank.	1 - 3" dia.	18" high to top.	✓	All airpipes closed by canvas covers or gauze.
No 1 d/b tank	1 - 3" "	18" "	✓	
No 2 d/b "	4 - 3 1/2" "	18" "	✓	
Deep Tank	2 - 6" "	18" "	✓	
"	2 - 3" "	26" "	✓	
No 4 & 5 d/b tanks.	4 - 3" "	18" "	✓	
O.F. Tank port.	1 - 4" "	18" "	✓	
Settling Tanks	1 - 6" "	18" "	✓	✓
No 6 d/b tank	2 - 3 1/2" "	18" "	✓	
No 7 "	2 - 3" "	18" "	✓	
A.P. Tank	1 - 3 1/2" "	18" to underside of keel with muffling hole	✓	

Particulars of Gangway Cargo and Coaling Ports:-

None.

Particulars of Scuppers and Sanitary Discharge Pipes:-

Tonnage Well. - One 5" S.D.N.R. valve operated from Superstructure Deck on port & starboard sides.  
Tween Deck. - One 3" scupper port and starboard abreast machinery space led down to machinery space ledge.  
Over Space. Two 3" scuppers led overboard with storm valves at shell.  
Refryg. Store in tween deck. 1-2" scuppers led overboard with storm valve at shell.  
Superstructure Deck. Two gunwale bars 7 scuppers 5" x 4 1/2" each side.

Particulars of Side Scuttles:-

Sidescuttles to over space aft 9" dia. fitted with hinged deadlights.

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

40'-8"

Particulars of Guard Rails:-

Guard rails 3'-3" high, three rows, stanchions 5' apart approx. Steel bulwark 11'9" amidships. 3'-3" x 30. Rail bar 6'3" x 35.5. Efficiently stiffened. 2' beams port & 9" wide 10' x 3'-6" long. each side.

Particulars of Gangways, Lifelines, etc.:-

None.

## 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 ...	✓	Open rails on superstructure deck.				
Forward Well ...	✓					

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:-

Additional area where sheer is less than standard.



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# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
<div> <div>Superstructure Deck</div> <div>Freeboard Deck</div> </div>											
Description of Hatchway	No 1	No 2	No 3	No 4 & 5	No 1	No 2	No 3	No 4	No 5	Bunker	
Dimensions of Hatchway	39'3" x 22'	31' x 22'	35'10" x 22'	36'2" x 22'	39'3" x 22'	31' x 22'	12'7" x 17'	36'2" x 22'	36'2" x 22'	9'9" x 3'1"	
"Reith"	30"	30"	30"	30"	10' x 3 1/2' + 44' 6"					9'5"	
COAMINGS	50"	60"	50"	60"							
Height above Deck	44"	44"	44"	44"							
Thickness	8'3" x 35'	8'3" x 35'	8'3" x 35'	8'3" x 35'							
Sides	7'3" x 40'	7'3" x 40'	7'3" x 40'	7'3" x 40'							
Ends	3	3	2	3							
Stiffeners											
Brackets, Stays											
HATCH BEAMS											
Number	5	5	3	6	5	5	1	6	6		
Spacing	4'-10 1/2"	5'-2"	6'-5 1/2"	5'-2"	4'-10 1/2"	5'-2"	6'-3 1/2"	5'-2"	5'-2"		
Unsupported Lengths	19' x 36'	do.	13' x 34'	14 1/2' x 34'	21' x 38'	20' x 38'	17' x 36'	20 1/2' x 36'	23' x 40'		
Scantling and Sketch	5'3" x 46'		4'3" x 44'	5'3" x 46'	5'3" x 46'	5'3" x 46'	4'3" x 44'	5'3" x 46'	5'3" x 46'		
Bearing Surface	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"		
FORE AND AFTERS											
Number											
Spacing											
Unsupported Lengths											
Scantling* and Sketch											
Bearing Surface											
HATCH COVERS											
Material	W. W.	W. W.	W. W.	W. W.	W. W.	W. W.	W. W.	W. W.	W. W.	W. W.	W. W.
Thickness	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
How fitted	laid in	laid in	laid in	laid in	laid in	laid in	laid in	laid in	laid in	laid in	laid in
Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
Spacing of Cleats	24"	24"	24"	24"	24"	24"	23"	24"	24"	24"	24"
Number of Tarpaulins	2	2	2	2	1	1	1	1	1	1	1

\*Are wood fore and afters steel shod at all bearing surfaces? ☒ Yes.

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? ☒ Provision for lashings fitted.

Other Hatches. Superstructure Deck

Fore Peak Hatch. 3'-9" x 2'-6". Coaming 30" x 44". Steel lid. 44 W.T. secured by toggles.

Star Hatch. 3'-6" x 3'-0". Coaming 30" x 44". 3" rest bar, cleats 24", cover 2 1/2" x 24" tarpaulins.

Bunker Hatches. 2 @ 9'-9" x 3'-6". Coaming 30" x 44". 3" rest bar, cleats 22" cover 2 1/2" x 24" tarpaulins.

Tonnage Opening. 22' x 4'-5". 12" L coaming. 2 1/2" cover.

Escape Trunks in Warhouses 2 forward 2 aft. openings 3'-6" x 2'-6" secured by hinged steel doors 18" sills.

Saddleback Hatch on Canvas Top. 15' x 6'. 9" L coaming cleats 24" rest bar 3" cover 2 1/2" x 24" tarpaulins.

Hatch in saloon 2'-6" x 2'-3". 3" L coaming. 2 1/2" cover.

Freeboard Deck Fore Peak Hatch 3'-9" x 3'. 3" L coaming 2 1/2" cover.

Escape Hatches 20 off 2'-4" x 2'-0". 9" L coaming. 2 1/2" hinged wood cover lined with felt secured by toggles.

Escape Trunks to Hold's 2 forward 2 aft. openings 2'-6" x 2'-6" secured by steel hinged door 18" sills.

Deep Tank Hatches O.T. 2 @ 10'-4" x 9'-6 1/2". Coaming 9" x 3 1/2' x 3 1/2' x 50 L. Plate cover 50 with triangle stiffening. 7/8 bolts 5' apart.

O.T. Escape Hatches to Deep Tank 2 off 2' x 2' 9" L coaming. Plate cover secured by toggles 13' apart.

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.

Tunnel Escape Hatch in Tonnage Well. 2'-6" x 2'. Coaming 24" x 34". Hinged steel lid W.T. secured by toggles.



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