

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

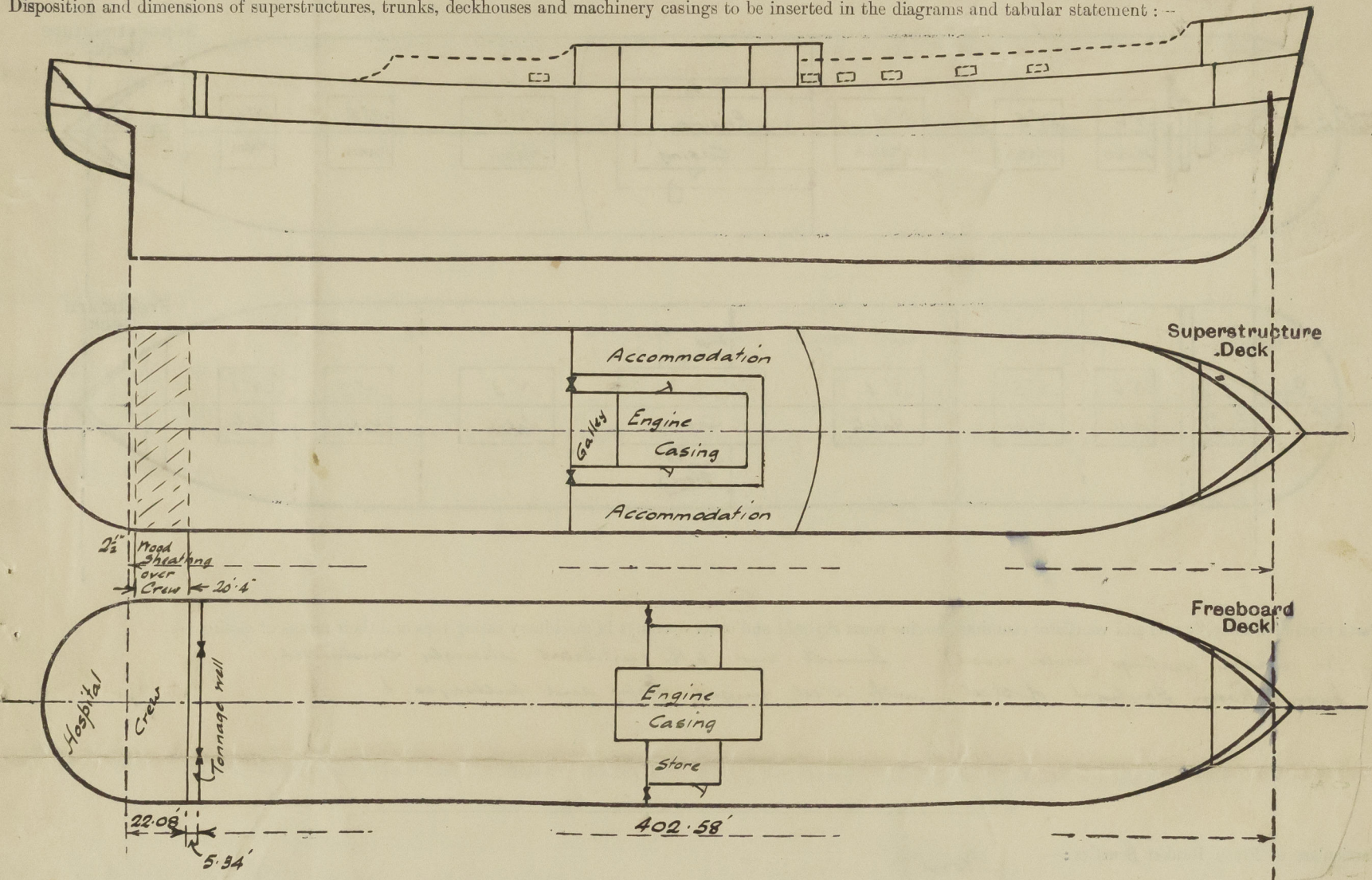
(CONDITIONS OF ASSIGNMENT.)

 Index No. **34852**  
 (For London Office only).

 JUN - 7 1937  
 F.2.

Ship's Name **DELIUS** Port of Survey **Belfast.**  
 Official Number **164329.** Surveyor's Signature **J. B. Cocks.**  
 Nationality and Port of Registry **British. Liverpool** Date of Survey **During construction.**

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 ...	✓	.26 ✓	3" flange + 3 x 2 1/2 x 36" all. ✓	30" ✓	None ✓	None ✓		7'6" ✓
<del>Raised Quarter Deck Bulkhead</del> ...								
Bridge, After Bulkhead ...	✓	.26 ✓	3" flange + 3 x 2 1/2 x 36" all. ✓	30" ✓	None	2 @ 5'6" x 4'0" ✓	12"	7'6" ✓
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ...								
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	None							
Exposed Machinery Casings on Superstructure Decks ...	Enclosed within Bridge ✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	.40" ✓	.25" ✓	3 1/2" x 2 1/2" x 32" ✓	32" ✓	Made riveted to beams ✓	No openings ✓		
Deckhouses on Flush Deck Ships ...	✓							

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

Poop Bulkhead ...	No openings ✓
<del>Raised Quarter Deck Bulkhead</del> ...	
Bridge, After Bulkhead ...	Stormboards, 3" thick, full height in riveted channels. ✓
Bridge, Forward Bulkhead ...	
Forecastle Bulkhead ...	
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 ...	✓
Deckhouses on Flush Deck Ships ...	✓



Delius

which would affect the seaworthiness of the ship:—

Diagram illustrating the layout of the USS Arizona (BB-39) showing the Superstructure Deck and the Freeboard Deck.

**Superstructure Deck:**

- Compartments labeled: N° 1 Hatch, N° 2 Hatch, N° 3 Hatch, Engine Casing, N° 4 Hatch, N° 5 Hatch, N° 6 Hatch, Tonnage Hatch.
- Labels: Superstructure Deck.

**Freeboard Deck:**

- Compartments labeled: N° 1 Hatch, N° 2 Hatch, N° 3 Hatch, Engine Casing, N° 4 Hatch, N° 5 Hatch, N° 6 Hatch.
- Labels: Freeboard Deck.
- Handwritten notes in red ink:
  - 60" x 2" Steel Doors
  - 5" sill above composition.
  - Tunnel Escape
  - Engs. Rm. Ship.
  - Star. Store

No fiddley gratings (motor vessel). Inmell and E.R. ventilators strongly constructed. ✓  
Engine Room Skylight of steel, with steel hinged flaps and bulboyes. ✓

None

*Forecastle deck:*

Shelter deck, - fore well

Shelter deck, aft well

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

*Sp. Well*

2 @	-	N. 3	-	-
2 @	-	N. 5	-	-
4 @	-	N. 6	-	-
4 @	-	F.W. tank	-	-
2 @	-	App. Peak tank	-	-

2 @ 22 Copperadams  
2 @ 22 N. 5 D. B. tank ] to open

Air Pipes provided with Canvas covers. ✓

None. ✓

Scuppers from shelter deck in way of bulwarks through stringer angle above deck.  
 " " Shelter tween decks through ships side above freeboard deck. 6' x 3" openings in shell  
 closed with balanced hinged steel flaps on outside, <sup>which remain closed at an inclination of 15° & can be secured in closed position.</sup> Similar scupper in fore's starboard.  
 Sanitary discharges from crew quarters and hospital aft led overboard through ships sides below  
 freeboard deck, through G.M. Storm valves.  
 Sanitary discharges from spaces above shelter deck in way of bridge, led through ships sides  
 between freeboard and shelter decks, with G.M. Storm valves at shell.  
 Two scuppers, port and starboard, from shelter tween decks, drain into engine room bilges.

In crew quarters in Shelter twelve decks aft, 11" x 12" diameter, fitted with lights  
compartment, in upper twelve decks aft, 11" diameter, with hinged

Side scuttles in steering compartment approx. <sup>33'0"</sup> 40'6" above  
top of keel.

After deck, abaft bulwarks, 3'-6" high, 4 rails, stanchions 4'-6" apart.  
Forecastle deck, 3'-6" high, 3 rails, stanchions spaced 4'-0"  
Bridge deck, 3'-6" high, 5 rails, stanchions spaced 4'-6".

Complete Superstructure. ✓

State position of each freeing port ... .. { After Well :— } F & A positions indicated on diagram, page 1.  
(F. and A. position and height above deck edge) { Forward Well :— } Lower edge of port 15' above stinger plate.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— *One horizontal bar, no shutters.*

Additional area where sheer is less than standard.

Access port each side in Torrance Well: 25' x 12', 12' above deck edge, fitted with hinged steel shutters.



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.																	
← . . . Superstructure Deck . . . →						← . . . Freeboard Deck . . . →											
Description of Hatchway	...	...	...	...	...	N <sup>o</sup> 1	N <sup>o</sup> 2	N <sup>o</sup> 3 & 4	N <sup>o</sup> 5	N <sup>o</sup> 6	N <sup>o</sup> 1	N <sup>o</sup> 2	N <sup>o</sup> 3 & 4	N <sup>o</sup> 5	N <sup>o</sup> 6		
Dimensions of Hatchway	...	...	...	...	...	20' 3" x 20' 0"	25' 5" x 20' 0"	34' 8" x 20' 0"	26' 8" x 20' 0"	21' 4" x 20' 0"	20' 3" x 20' 0"	25' 5" x 20' 0"	34' 8" x 20' 0"	26' 8" x 20' 0"	21' 4" x 20' 0"		
COAMINGS	{	Height above Deck	...	...	...	30"	30"	30"	30"	30"	9"	9"	9"	9"	9"	9"	
		Thickness	Sides	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Ends	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Stiffeners	...	...	...	...	7 x 3 x 40 ba	7 x 3 x 40 ba	7 x 3 x 40 ba	7 x 3 x 40 ba	7 x 3 x 40 ba	✓	✓	✓	✓	✓	✓
Brackets, Stays	...	...	...	...	6 x 36 b.p.	6 x 36 b.p.	6 x 36 b.p.	6 x 36 b.p.	6 x 36 b.p.	✓	✓	✓	✓	✓	✓		
HATCH BEAMS	{	Number	...	...	...	3	4	6	5	3	3	4	6	5	3		
		Spacing	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Scantling and Sketch	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bearing Surface	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
FORE AND AFTERS	{	Number	...	...	...												
		Spacing	...	...	...												
		Unsupported Lengths	...	...	...												
		Scantling* and Sketch	...	...	...												
Bearing Surface	...	...	...	...													
HATCH COVERS	{	Material	...	...	...	Steel	Steel	Steel	Steel	Steel	N.P.	N.P.	N.P.	N.P.	N.P.		
		Thickness	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		How fitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bearing Surface	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Spacing of Cleats	...	...	...	...	...	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"		
Number of Tarpaulins	...	...	...	...	...	2	2	2	2	2	1	1	1	1	1		
*Are wood fore and afters steel shod at all bearing surfaces? <i>None</i> Are battens and wedges efficient and in good condition? <i>Yes</i> Are tarpaulins in good condition and in accordance with rule requirements? <i>Yes</i> Are lashings provided in accordance with rule requirements? <i>Yes</i>																	

Section of Hatch covers on Superstructure Deck

Particulars of any special features :—

*Longage Hatch on Shelter Deck: 4' 8" x 20' 0", 9 1/2 x 3 Built angle coaming. Closed with efficient temporary covers.*

*Hatch on Shelter Deck to Fore Peak: 36" x 36", 9 1/2 x 3 BA. Coaming. 2 1/2" N.P. cover, 2 1/2" bearing surface. Cleats 1' 9" apart. One tarpaulin. X*

*Hatch on Shelter Deck to Chain locker: 2' 6" x 3' 0". 3 1/2 x 3 1/2 angle coaming. 2 1/2" N.P. cover, bearing surface 3". N. cleats. X*

*Hatch on Freeboard deck to Fore Peak: 3' 6" x 3' 6". 3" angle coaming. 2 1/2" N.P. cover, bearing surface 2 3/4" No cleats.*

*X Access to above hatches within forecastle. (see under Companionways).*

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.