

# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

SUPERSTRUCTURE DECK				FREEBOARD DECK				DEEP TANK NO. 4, 5, 6	
HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS									
Description of Hatchway	No. 1.	No. 2.	No. 3.	No. 4, 5, 6.	No. 1.	No. 2.	No. 3.		
Dimensions of Hatchway	27'-0" x 22'-0"	31'-6" x 22'-0"	28'-10" x 22'-0"	26'-3" x 22'-0"	27'-0" x 22'-0"	31'-6" x 22'-0"	13'-1/2" x 22'-0"	10'-0" x 9'-0"	26'-3" x 22'-0"
COAMINGS	Height above Deck	3'-0"	ditto	ditto	9'-1/2"	ditto	ditto	14"	9'-1/2"
	Thickness	3/4"	ditto	ditto	3/4"	ditto	ditto	5/8" steel	3/4"
	Stiffeners	1" x 3" x 1/2"	ditto	ditto	1" x 3" x 1/2"	ditto	ditto	ditto	ditto
	Brackets, Stays	2" x 1/2" x 1/2"	ditto	ditto	ditto	ditto	ditto	ditto	ditto
HATCH BEAMS	Number	5	5	5	4	5	5	2	4
	Spacing	4'-6"	5'-3"	4'-9"	6'-6"	4'-6"	5'-3"	4'-5"	6'-6"
	Scantling and Sketch	3" x 1/2" x 1/2"	ditto	ditto	ditto	ditto	ditto	ditto	ditto
	Bearing Surface	3" x 1/2" x 1/2"	ditto	ditto	ditto	ditto	ditto	ditto	ditto
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling and Sketch								
HATCH COVERS	Material	Deck Plating	ditto	ditto	ditto	ditto	ditto	8" steel	Deck Plating
	Thickness	3/4"	ditto	ditto	ditto	ditto	ditto	ditto	ditto
	How fitted	Angled	ditto	ditto	ditto	ditto	ditto	ditto	ditto
	Bearing Surface	4'-5" x 5'-0"	4'-5" x 5'-0"	4'-5" x 5'-0"	4'-5" x 5'-0"	4'-5" x 5'-0"	4'-5" x 5'-0"	4'-5" x 5'-0"	4'-5" x 5'-0"
Spacing of Cleats	2'-0"	ditto	ditto	ditto	ditto	ditto	ditto	ditto	2'-0"
Number of Tarpaulins	3	ditto	ditto	ditto	ditto	ditto	ditto	ditto	3

Particulars of fiddle, funnel and ventilator coamings:—  
 Funnel foundation bar. 3" x 4" x 5/8" - E.R. ventilators on Boat Deck: - 3 - 25" dia.  
 Coamings 8'-0" high. 1 - 30" in coaming 6'-6" high.

Particulars of Flush Bunker Scuttles:—

Particulars of Companionways:—

our hatch to fore peak 3'-2" x 3'-2" x 30" in high. - hatch boards - tarpaulin fitted.  
 our 2'-0" companionway to steering gear space from Shelter Deck. 2" high teakwood floor.  
 our boot hatch to crew space forward steel plated with teakwood doors - 2 1/2" thick.  
 capable of being manipulated from both sides.

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

Fore deck Vents: - 2 - 18" dia coaming 12'-0" x 2 - 21" dia coaming 10'-0" 2 - 10" dia 2'-6" in coaming  
 2 - 12" dia coaming 3'-0" 2 - 24" dia coaming 7'-0"  
 Amidship Vents: - 2 - 12" dia coaming 11'-6" 2 - 24" dia coaming 3'-0"  
 After deck Vents: - 2 - 24" dia coaming 7'-6" 2 - 20" dia coaming 8'-6" 2 - 15" dia coaming 5'-0"  
 2 - 24" dia coaming 10'-0"  
 all coaming 25" thick attached to deck by angles. closed by wooden plugs & canvas covers.

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

Swan-neck 4 1/2" N.I. pipes fitted with perforated covers - placed in upper deck waterways

s of Gangway Cargo and Coaling Ports:—

Particulars of Scuppers and Sanitary Discharge Pipes

8" x 1/2" inch scuppers cut in each side of shelter deck space with non-return valves  
 2" freeing ports in damage opening 2'-0" x 1'-9" fitted with bar.

Particulars of Side Scuttles:—

Particulars of Guard Rails:—

Shot bulwarks in way of accommodation - four bar rails 3'-9" high fitted round rest of vessel.

Particulars of Gangways, Lifelines, etc.:—

- Nil -

## 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			Rails fitted.			
Forward Well						

State position of each freeing port (F. and A. position and height above deck edge) After Well:—  
 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.

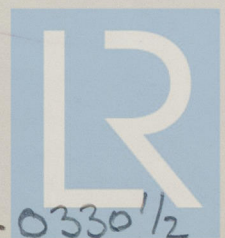
## Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	✓	25	Plating Haunched 4" x 2 1/2" Bulb.	2'-0"	Nil.	3'-6" x 5'-0"	1'-6"	8'-0"
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead	3'-0"	25	5" x 3" x 5/8"	3'-0"	12" x 12" x 1/2" brackets	2'-0" x 6'-0"	1'-3"	8'-0"
Bridge, Forward Bulkhead	- do -	- do -	- do -	- do -	- do -	Nil	✓	do -
Forecastle Bulkhead	✓	- do -	4 1/2" x 3 1/2" x 3/8"	2'-0"	Nil	Nil	Nil	do -
Trunk, Aft	✓	25	4" x 2 1/2" x 5/16"	28"	None	6'-0" x 3'-6"	18"	8'-0"
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks								
Exposed Machinery Casings on Superstructure Decks	3'-3"	25	5" x 3" x 5/8"	3'-0"	12" x 12" x 1/2" brackets	6'-0" x 2'-0"	1'-3"	9'-0"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances		30	3" x 3" x 1/20"	2'-7"	Bolt	None		
Deckhouses on Flush Deck Ships								

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

Poop Bulkhead	Storm board in raked channels.
Raised Quarter Deck Bulkhead	Bridge deckhouse: completely plaid forward & at sides with two entrances at aft end. closed by 2" teakwood doors.
Bridge, After Bulkhead	Storm boards in raked channels
Bridge, Forward Bulkhead	Amidship accommodation 6'-0" x 2'-0" closed by steel doors. manipulated from both sides.
Forecastle Bulkhead	Amidship accommodation 6'-0" x 2'-0" closed by steel doors. manipulated from both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	E.R. casing - closed by steel skylights with glass pots mechanically operated from engine room. Two entrances to engine room.
Exposed Machinery Casings on Superstructure Decks	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	
Deckhouses on Flush Deck Ships	





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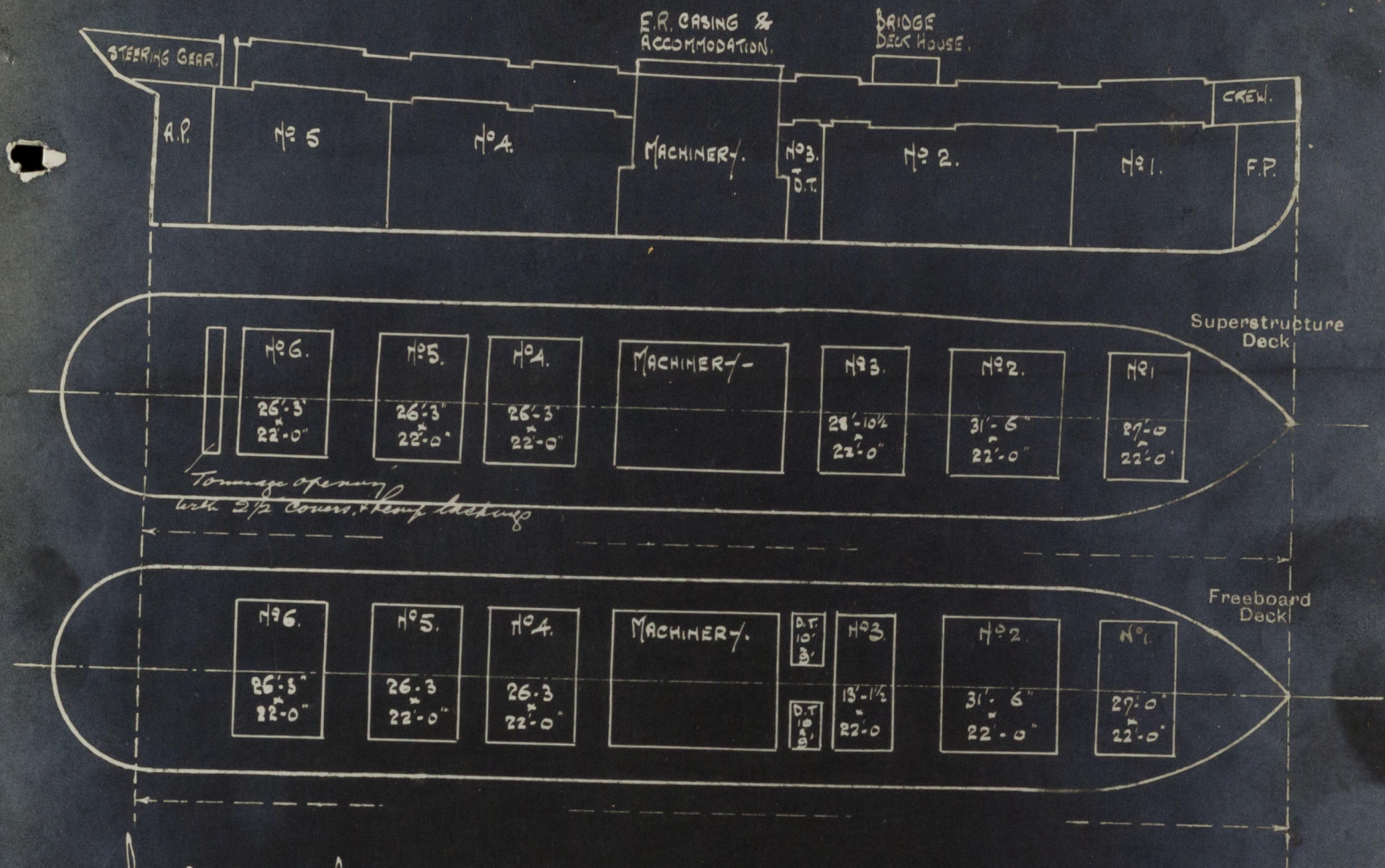
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*Clydebank.*

Superstructure bulkheads, trunks, deckhouses, casings, cargo and coaling hatchways, extent and thickness of sheathing on the freeboard deck, gangway, cargo and coaling ports, and any other openings, etc., which would affect the seaworthiness of the ship are to be shown on the following sketches:



Freeboard deck unsheathed. Tonnage opening 22'-0" x 5'-3"  
 Ironing hatchways on freeboard deck filled with 9" beamings  
 covers. Battening arrangements and tarpaulins in  
 accordance with Convention

State any special features in the construction of the ship:—



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