

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

Description of Hatchway	No. 1	No. 2	No. 3	No. 4	Boat hatch fitted to on Deck	Boat hatch fitted to on Deck	Boat hatch fitted to on Deck
Dimensions of Hatchway	30'5" x 25'4"	32'11" x 25'4"	31'6" x 25'4"	28'6" x 25'4"	6'9" x 2'11"	4'6" x 10'0"	4'2" x 2'0"
COAMINGS							
Height above Deck	3'6"	3'6"	3'0"	3'0"	2'6"	3'1"	3'1"
Thickness Sides	.44	.44	.44	.44	.32	.32	.32
Thickness Ends	.44	.44	.44	.44	.32	.32	.32
Stiffeners	8" B. P.	8" B. P.	8" B. P.	8" B. P.	8" B. P.	8" B. P.	8" B. P.
Brackets, Stays	2	2	2	2	2	2	2
HATCH BEAMS							
Number	5	5	5	5	5	5	5
Spacing	5'2"	5'6"	5'4"	5'4"	5'4"	5'4"	5'4"
Scantling and Sketch	5'2" x 3" .44 L	5'6" x 3" .44 L	5'4" x 3" .44 L	5'4" x 3" .44 L	5'4" x 3" .44 L	5'4" x 3" .44 L	5'4" x 3" .44 L
Bearing Surface	27" .38	27" .38	27" .38	27" .38	27" .38	27" .38	27" .38
FORE AND AFTERS							
Number							
Spacing							
Unsupported Lengths							
Scantling and Sketch							
Bearing Surface							
HATCH COVERS							
Material	Wood	Wood	Wood	Wood	Wood	Wood	Wood
Thickness	2 1/4"	2 1/4"	3"	3"	2 1/4"	2 1/4"	2 1/4"
How fitted	Fore and aft	Fore and aft	Fore and aft	Fore and aft	Fore and aft	Fore and aft	Fore and aft
Bearing Surface	3"	3"	3"	3"	3"	3"	3"
Spacing of Cleats	23"	24"	23"	23"	20"	21"	20"
Number of Tarpaulins	2	2	2	2	2	2	2

*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? *Yes*

Particulars of fiddle, funnel and ventilator coamings:—

Fiddle, funnel and ventilators, on top of a 30" high casing on bridge deck, efficiently constructed and supported. Fiddle fitted with hinged steel covers.

Particulars of Flush Bunker Scuttles:—

Particulars of Companionways:—

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

*4 @ 17" diam to hold efficiently constructed.
 10 small mushroom vents, with screw down closing arrang. on Bridge deck.
 1 vent. 15" high under stem breasthook led to fore peak
 All vent. provided with means of closing.*

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

*Air pipes 2 1/2"-6" steel pipe goose neck about 13"-36" high.
 All air pipes provided with means of closing.*

Particulars of Gangway Cargo and Coaling Ports:—

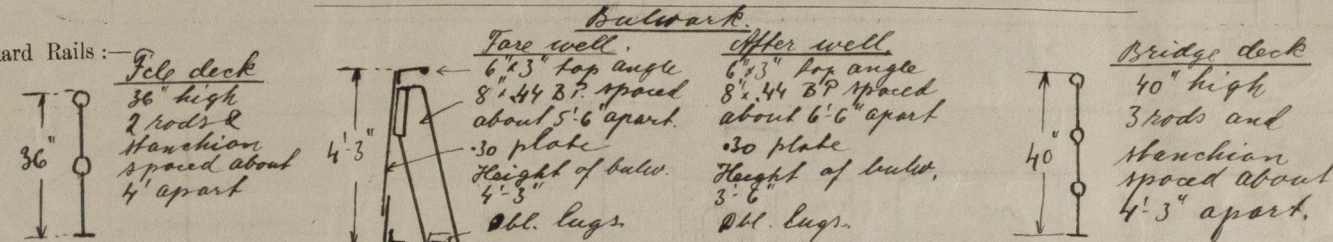
Particulars of Scuppers and Sanitary Discharge Pipes:—

Sanitary discharge pipes led overboard and fitted with non return valve at ship's side.

Particulars of Side Scuttles:—

Side scuttles in crew space fitted with hinged or portable deadlight

Particulars of Guard Rails:—



Particulars of Gangways, Lifelines, etc.:—

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	101'-0"	3'-6"	36" x 16"	5		
Forward Well	78'-8"	4'-3"	28" x 16" 39" x 16"	1 4		

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— *One bar at each freeing port.*

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	✓	.32	3" x 2 1/2" x .32 L	~32"	to angle top and bottom	4'6" x 2'0"	19"	7'3"
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead	19' x .32	.32	3" x 2 1/2" x .32 L	~30"	done	4'6" x 3'0"	19"	7'0"
Bridge, Forward Bulkhead	✓	.32	4" x 3" x .40 L	~30"	done top and bottom	done	✓	7'0"
Forecastle Bulkhead	✓	.26	2 1/2" x 2 1/2" x .30 L	~40"	done	4'6" x 1'9"	18"	7'0"
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks								
Exposed Machinery Casings on Superstructure Decks	✓	.28	3" x 2 1/2" x .32 L	24" ~ 30"	done top and bottom	done	✓	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	19' x .32	.28	3" x 2 1/2" x .32 L	24" ~ 30"	continued top and bottom	4'6" x 1'8"	21"	7'0"
Deckhouses on Flush Deck Ships								

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

Poop Bulkhead	✓
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	<i>Hinged wood doors operated from both sides.</i>
Bridge, Forward Bulkhead	<i>No opening.</i>
Forecastle Bulkhead	<i>Hinged steel doors operated from both sides.</i>
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	
Exposed Machinery Casings on Superstructure Decks	<i>No opening.</i>
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	<i>Hinged steel doors operated from both sides.</i>
Deckhouses on Flush Deck Ships	

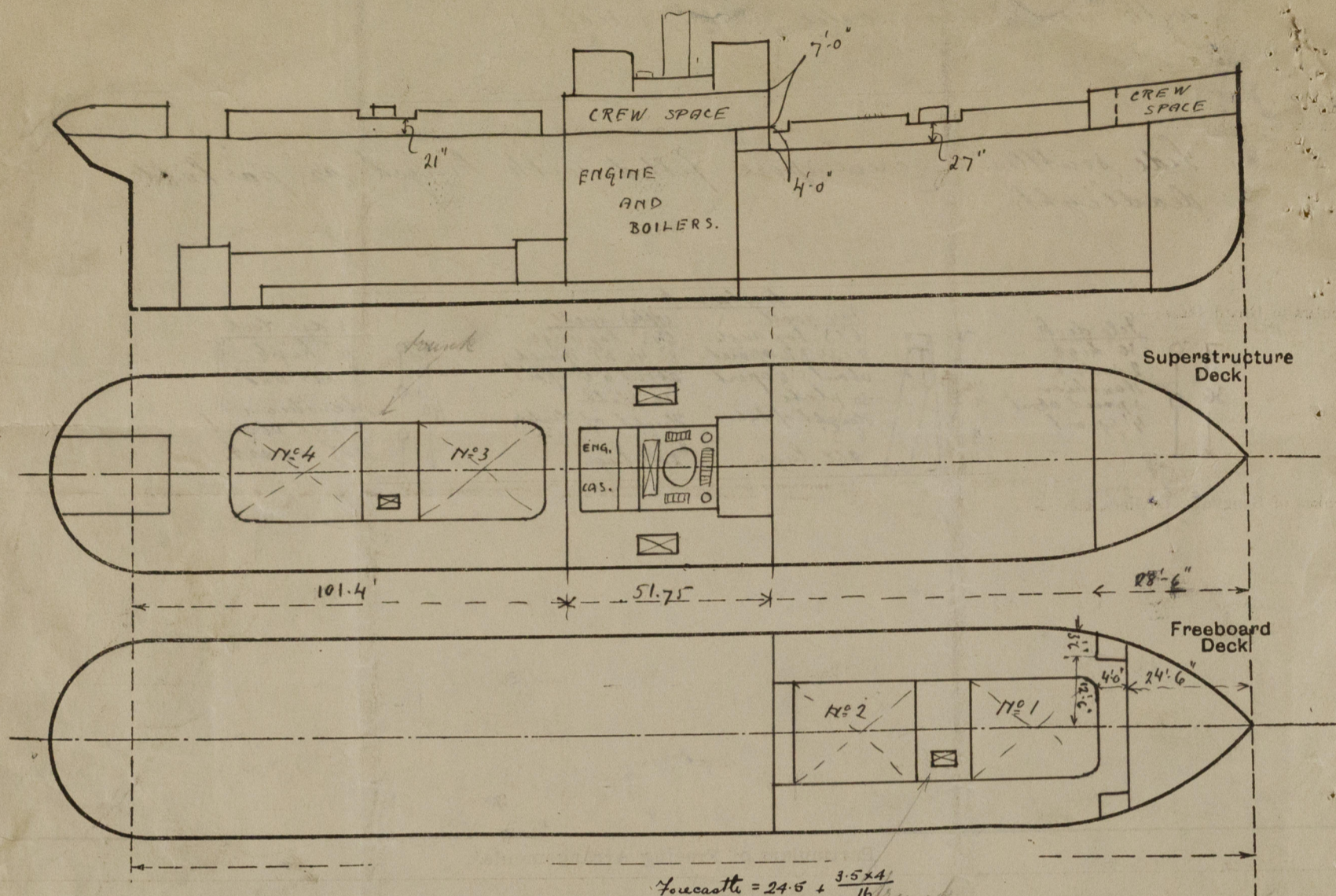


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Superstructure bulkheads, trunks, deckhouses, casings, cargo and coaling hatchways, extent and thickness of sheathing on the freeboard deck, gangway, cargo and coaling ports, and any other openings, etc., which would affect the seaworthiness of the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



$$\begin{aligned}
 \text{Forecastle} &= 24.5 + \frac{3.5 \times 4}{16} \\
 &= 25.37 \\
 \text{Overhang} &= \frac{3.13}{28.50} \\
 75\% \text{ of } 18.70 &= 14.03 \text{ ext} = 13.90 \text{ mld} \\
 \text{ext } \Delta &= 2940 \\
 \text{at } 85\% \text{ DM (15'8')} &\text{ ext } \Delta = 2940 + (12 \times 190 \times 19.5) \\
 &\quad \quad \quad 444 \\
 3384 \text{ net} &= 3367.21
 \end{aligned}$$

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

T.

Hood fitted at after end.

W.T. centre keelson in engine room tank.

Bulwark. please see page 3.

Fittings for Uprights and arrangements for lashings fitted spaced not more than 10 feet apart.

Builder's name and yard number *Wood Skinner & Co Ltd. Newcastle*

Names of sister ships

Owners *Rederiaktieb. Biprost (J.R. Trapp Mgr.)*

Fee *£190*

Received by me



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