





# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS											
Description of Hatchway		Main.									
Dimensions of Hatchway		56' 4 1/2" x 14' 0"									
COAMINGS	Height above Deck	30" ✓									
	Thickness	3/8" ✓									
	Sides	40" ✓									
	Ends	7 1/2" x 3" x 36" B.A. ✓									
Stiffeners		1 BRACKET									
Brackets, Stays		10' 0" FROM HATCH. ✓									
HATCH BEAMS	Number	10. ✓									
	Spacing	AS ON SKETCH.									
	Scantling and Sketch	(3) at 4' 3 1/2" (4) at 6' 3 1/2" (4) at 4' 7". ✓									
	ANGLES.	3" x 3" x 3/8" 3" x 3" x 3/8" 3" x 3" x 3/8" ✓									
	PLATE.	11 1/2" x 9" x 3/8" 14 1/2" x 12" x 3/8" 12" x 9 1/2" x 28" ✓									
	ANGLES.	3" x 3" x 3/8" 3" x 3" x 3/8" 3" x 3" x 3/8" ✓									
Bearing Surface		4. ✓									
FORE AND AFTERS	Number	None. ✓									
	Spacing										
	Unsupported Lengths										
	Scantling* and Sketch										
Bearing Surface											
HATCH COVERS	Material	W. W. ✓									
	Thickness	3" ✓									
	How fitted	F. B. A. ✓									
	Bearing Surface	3" ✓									
Spacing of Cleats		24" ✓									
Number of Tarpaulins		3. ✓									
<p>*Are wood fore and afters steel shod at all bearing surfaces? ✓</p> <p>Are battens and wedges efficient and in good condition? Yes. ✓</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? Yes. ✓</p> <p>Are lashings provided in accordance with rule requirements? Yes. None provided for. ✓</p>											

Particulars of fiddle, funnel and ventilator coamings:—

Stokehold Gratings covered by strong steel hinged covers. ✓  
 Fiddle and Funnel ventilators in efficient condition. ✓  
 Engine skylight of steel strongly constructed. ✓

Particulars of Flush Bunker Scuttles:—

None. ✓

Particulars of Companionways:—

One steel companion with solid wood top at after end of engine casing, leading to Officers' Quarters in enclosed sunk flat. Companion 3' 4" x 2' 6" x 3' 6" high. Sliding top of wood with 24" sill. ✓

Booby Hatch 3' 1" x 29" x 20" 15" ✓ Steel eng. 5/16" thk. with <sup>Steel</sup> 1" thk. wood hinging weathertight covers, at fwd. end of Main Deck leading to enclosed brews space under Main Deck. ✓

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

2 ventilators on Main Deck 14" dia. Coamings 36" x 28" led to 16ld. ✓

Both ventilators constructed in accordance with the Rules, but neither wood plugs <sup>and</sup> canvas covers fitted. ✓

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

2 C.I. Air pipes on Raised Quarter Deck 2 1/2" dia. Coamings <sup>to under bulwark rail</sup> 6" high from Side Ballast Tanks. ✓  
 " " " " " " <sup>to under bulwark rail</sup> 6" high x 2 1/2" dia. from After Peak Tank. ✓  
 2 " " " " " " 3 1/2" high x 2 1/2" dia. from Fore Peak Tank. ✓  
 No snifting holes, wood plugs <sup>and</sup> canvas covers fitted. ✓

Particulars of Gangway Cargo and Coaling Ports:—

None. ✓





Particulars of Scuppers and Sanitary Discharge Pipes —

None. ✓

Particulars of Side Scuttles:

4 Side scuttles (2 P. & 2 S.) above Greenboard Deck 6" dia. in casing side, aft, to Officers' Quarters. ✓

Particulars of Guard Rails:—

None. ✓

Particulars of Gangways, Lifelines, etc.:—

Lifeline of 2" steel wire set up with lanyard. fitted p. & s. in forward well for protection of crew.

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
Well (Main Deck) ...	<sup>73.33</sup> 43' 4"	3' 0" ✓	36" x 12" ✓	5 ✓	15 $\frac{1}{2}$ ✓	14.70 ✓
Forward Well (R.O.D.) ...	<sup>34.75</sup> 39' 9"	2' 0" ✓	* 33" x 12" <del>21" x 12"</del>	<sup>4</sup> 2. ✓	<sup>11 <math>\frac{1}{2}</math></sup> <del>3 <math>\frac{1}{2}</math></del>	10.5

State position of each freeing port ... { After Well:— (M.O.) } See Sketch  
(F. and A. position and height above deck edge) { Forward Well:— (R.O.D.) }

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:—

Heights above deck edge } =  $\frac{1}{3}$ " on Main Deck ✓  
Balanced steel plate shutters. ✓  
\* Fitted with one bar.

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 ...	✓	✓	✓	✓	✓	✓	✓	✓
Raised Quarter Deck Bulkhead ...	28" ✓	28" ✓	5" x 3" x 30" ✓	2' 4" ✓	Bkt. at top. ✓	None ✓	✓	3' 3" ✓
Bridge, After Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, Forward Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Forecastle Bulkhead ...	30" ✓	30" ✓	6" x 3" x 36" B.A. ✓	2' 4" ✓	Bkt. at top. ✓	None ✓	✓	2' 6" ✓
Trunk, Aft ...	✓	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	28" ✓	<sup>Top Ptg.</sup> 26" ✓	3" x 2 $\frac{1}{2}$ " x 26" ✓	3' 5" ✓	None ✓	None ✓	✓	2' 5" ✓
Exposed Machinery Casings on Superstructure Decks ...	✓	✓	✓	✓	✓	✓	✓	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓	✓	✓	✓	✓	✓	✓	✓
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 ...	✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Entrance to engine room by opening 2' 1" x 2' 6" on casing top closed with steel plate cover (hinging) ✓
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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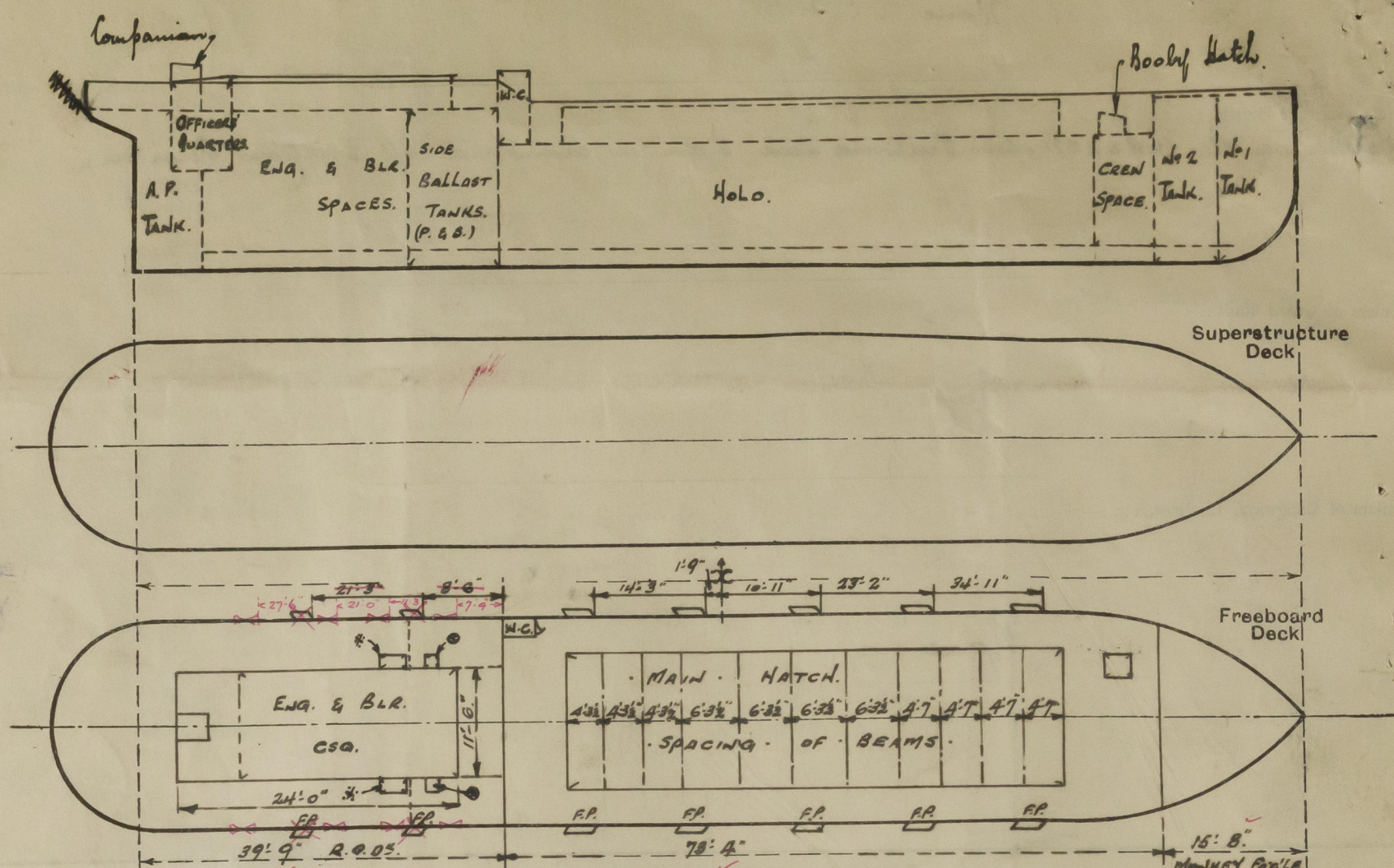
Lloyd's Register Foundation

002340-002351-0143 (2/2)



Marrow

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:—



- \* Bunker Hatches on R.Q. Deck each 3'-0" x 18" x 12" long and fitted with 2 1/2" wood covers. 2 tarpaulins & off-battering arrangements
- \* Filling " " " 1'-5" x 1'-5" x 16" " " " steel plate covers secured with hinging bolts.
- 2 1/2" thk. wood sheathing fitted on steel decks over Officers' and Crew's Quarters respectively.

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

- Fitted with 5 1/2" deep bar keel.
- 2 Side Ballast Tanks (1 P. & 1 S.) at ship's sides in Boiler Space.

Note! Survey held afloat and confined to an examination of the means for closing the openings in the decks and sides of the ship.

Summer load dit 7.71 = 7'-8 1/2" 5 1/2" Keel = 8' 2" BK  
 8'-0" BK 2nd A = 457 T.P. = 5.52 2" = 11.00  
 468

*WMT*

Builder's name and yard number W. Hill & Sons Ltd, Bristol. Yard No. 158.

Names of sister ships ✓

Owners Osborn & Wallis Ltd.

Fee £ 3 : 8 : 0 Received by me