





### PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS										
Description of Hatchway			Nº 1.	Nº 2	Nº 3	Nº 4.				
Dimensions of Hatchway			14'0" x 10'0"	26'0" x 12'0"	14'0" x 10'0"	18'0" x 10'0"				
COAMINGS	{	Height above Deck	2' 7 1/2"	2' 7 1/2"	↑	2' 7 1/2"				
		Thickness	Sides	40"		44"	44"			
			Ends	36"		40"	36"			
		Stiffeners		✓		✓	✓			
Brackets, Stays		✓	✓		✓					
HATCH BEAMS	{	Number	2	3		2				
		Spacing	4' 8"	6' 6"		6' 0"				
		Scantling and Sketch	Plat. 16' 11 1/2" x 3 1/2"	Plat. 21' 11" x 4 1/2"		Plat. 21' 11" x 3 1/2"				
			Top angle 3' x 3' x 3/8"	Top angle 4' x 3' x 3/8"		Top angle 3' x 3' x 3/8"				
Bearing Surface		Bottom angle 6' x 4' x 3/8"	Bottom angle 6' x 4' x 3/8"		Bottom angle 6' x 4' x 3/8"					
FORE AND AFTERS	{	Number			No. 1. Hatch.					
		Spacing								
		Unsupported Lengths								
		Scantling* and Sketch	✓	✓			✓			
Bearing Surface				as w. 1. Hatch.						
HATCH COVERS	{	Material	W.W.	W.W.		W.W.				
		Thickness	3"	3"		3"				
		How fitted	f + a.	f + a.		f + a.				
		Bearing Surface	3"	3"		3"				
Spacing of Cleats			24"	24"	↓	24"				
Number of Tarpaulins			3.	3.		3.				
			Small Hatch under fore-castle 1' 7" x 2' 0" x 1 1/2" high x 1/2" 2 1/2" W.W. covers placed f + a. 3' rest: Cleats 12" apart. Racking bar. No Tarpaulins. marked "A" on sketch.							
			Small Hatch on freeboard at stem 1' 11" x 2' 0" x 30 1/2" high x 1/2" 3" W.W. covers, placed f + a. 3' rest: Cleats 12" apart. 3 Tarpaulins marked "B" on sketch.							

\*Are wood fore and afters steel shod at all bearing surfaces? none ✓

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? 4 Lashing Bars fitted to No. 2. Hatch. 3 to remainder ✓

A

B

Particulars of fiddley, funnel and ventilator coamings :—

Slake Hold Gratings covered by strong steel hinged covers.

Tunnel and Trolley Ventilators in efficient condition

Engine Skylight of Steel, strongly constructed.

Galley skylight on bridge deck felled with cleans & tarpaulins

Particulars of Flush Bunker Scuttles:—

Two Scuttles on Bridge Deck of cast steel, filled with bayonet joints. Grating below. 21" diam.

Two " " Upper " " " " " " " " " " 21 " (in Budget T. Sec.)

Particulars of Companionways :—

Entrance to Stairway in Bridge Deck House through Chart Room.

Stairway 4'3" x 2'3". Teak Door. 1 3/4" frames. 3/4" panels. 4'9" x 2'0". 15" sill.  
manipulated both sides.

all Vents constructed in accordance with Rules  
and Coamings closed with wood plug + canvas covers.

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

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

1. Swan neck Vent. on Forecastle 5" diam<sup>r</sup>. 2' 6" high coaming, led to Boat Store. 1. S.N. on Deck 5" diam<sup>r</sup>. 2' 9" coaming led to Deck.

1. Vent on 3<sup>rd</sup> P<sup>th</sup>. 15" diam. Coamings 36"  $\times$   $\frac{1}{4}$ " led to Hold. 1. Vent on 3<sup>rd</sup> P<sup>th</sup>. 6" diam. Coamings 36"  $\times$   $\frac{1}{4}$ " led to 3<sup>rd</sup> Cle.

2. Vents on 3rd. Fore Well 12" diam. Coaming 36" x 8" led to Hold. 1 Vent on 3rd. Fore Well 15" diam. Coaming 36" x 8" led to Hold.

" " " " aft. 15" " " 36 x  $\frac{1}{8}$  " " " 1 " " " aft. 12" " " 36 x  $\frac{1}{4}$  " " Tunnel.

23' led to blow. 15 S.N. Vents on Bridge R<sup>d</sup> 5" diam. 21" high led to Bridge T. D<sup>ns</sup>.  
Bumbers.

2 Vents on Bridge B<sup>e</sup>. 10" diam. Coaming 36" x 1/4" led to Bridge T. Deeks. 2 S.N. " " " 8 " 5" " 21" " " " Bankers.

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

1. Air pipe on 3rd St. at Stem 17' high x 2" dia. from Fore Peak.

c.l. " " " " in Fore Well 3' 0" high x  $1\frac{3}{4}$ " diam. from C.O.B. Tanks. A.C.I. air pipes on Bridge 14 high x 2 1/2 diam. from C.O.B. Tanks

C.I. " " " " aff. 2:0 " x 1 $\frac{1}{2}$  " " " " R. " T. "

C.L. " " " " up  
C.L. " " " " after Peak Tank.  
" " " " at Bend.

2 air pipes are closed with Canvas Covers, and have snifting hole on top of bend.

2 air pipes are closed with canvas cover, and the

Calculates of Gaugeway Cargo and Coaling Ports:—

Door in Forward Bulwark 14' 0" x 3' 1". 11" above Deck edge. p & s. (position see sketch) abreast No. 1 Hatch

" " " After " 18' 0" x 3' 1". II " " " " 6' 0" " " " " " 90.4

" " " after " 18.0 + 3.1. 11 " " " p. 20. 11

Port in Bridge T. No. 64 & 5. 20" x 15". 12" above deck edge. Hinged at top & 2 Dogs thru door.



Particulars of Scuppers and Sanitary Discharge Pipes:—

Deck Scuppers 6" x 3" through Gunwale Bar. 2 in fore well and 3 aft b.s. }  
 2 Elbow Scuppers thro 3rd. Dk. at Stern 3" diam. out 13.0 below 3rd. Dk. } fitted with storm valves.  
 4 " " " " in B.T. Dk. 2" " 3.0 " " " }  
 all Sanitary Discharges out thro ship's side 3.0 below 3rd. Dk. and fitted with storm valves.

Particulars of Side Scuttles:—

Side Scuttles 5 fore-castle 8" diam. fitted with hinged Deadlights.  
 " " " " Bridge Tween Decks 10" diam. no Deadlights fitted.  
 all Scuttles of substantial construction.

Particulars of Guard Rails:—

Guard rails on Fore-castle 3.1 high with 2 rods and stanchions spaced 4.3 apart.  
 " " " Bridge 3.3 " " " 3.9 "  
 Bulwarks on Fore-board 4.0 high, efficiently constructed and supported, also part open rails  
 (see sketch) 4.0 high, with 3 rods and 3.0 chgs at top 6" x 3" x 7/16 (portable)

Particulars of Gangways, Lifelines, etc.:—

Efficient Life lines (ropes) are fitted from Bridge to fore & after ends of vessel.

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 ... 84.2 ...	See Sketch	4.0	✓	✓		
Forward Well 70.0 ...	do	4.0	✓	✓		

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:— Only 1 freeing port in after Bulwark (p.s.) which  
 was 1 rod fitted. 3.0 forward Transoms.  
 3.0 x 1.4. 12" above Dk.  
 Additional area where sheer is less than standard.

Particulars of Superstructures, Trunks, Casings, Deckhouses.

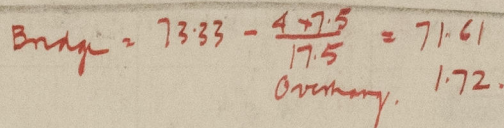
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...								
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	not available					1.4 x 7.3 3.0 x 7.3	none	7.3
Bridge, Forward Bulkhead ...	38"	34"	6+2+44 B.A.	30"	Brackets top & bottom	1.4 x 2.5 4.9 x 2.5	18 1/2"	7.3
Fore-castle Bulkhead ...	✓	1"	3" X angled plating 3 1/2 x 3 x 7/16 angles	30"	✓	5.0 x 2.0	12"	6.6"
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...								
Exposed Machinery Casings on Super-structure Decks BRIDGE ...	✓	6/10	5" x 3 x 7/16	4.0	Brackets top	none	✓	7.3
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	7/16	6/10	do.	-do-	✓	5. 4.8 x 2.0	19"	7.3
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 ...	4 x 2 1/2 Channels each side of openings. 3.6 high, with 3" storm boards fitted
Bridge, Forward Bulkhead ...	Hinged Steel Door in halves. 9" high in door. Fastened with 5 steel dogs on door. manip. both sides
Fore-castle Bulkhead ...	Hinged Steel Doors f+s. Fastened with 3 steel dogs on door. manipulated both sides, also 4 x 2 1/2 Channels each side of openings. 3.6 high, with 3" storm boards fitted.
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...	
Exposed Machinery Casings on Super-structure Decks BRIDGE ...	no openings
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	Hinged Steel doors. manipulated both sides
Deckhouses on Flush Deck Ships ...	



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 shewn on the following sketches:—



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

Timber Treeboard not required.

Builder's name and yard number Barclay Curle & Co. Ltd.

Yard No. 503.

nes of sister ships

These Leith, Hull + Hamburg Steam Packet Co. Ltd.

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