





# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS									
On Superstructure Deck					On Freeboard Deck				
Description of Hatchway	No. 1	No. 2	No. 3	No. 4	No. 5	No. 1	No. 2	No. 3	No. 4
Dimensions of Hatchway	25' x 16'	31' x 16'	12' x 14'	29' x 16'		25' x 16'	31' x 16'	12' x 14'	29' x 16'
COAMINGS	Height above Deck	32"	32"	32"	32"	32"	32"	32"	32"
	Thickness	5"	5"	5"	5"	5"	5"	5"	5"
	Sides	4"	4"	4"	4"	4"	4"	4"	4"
	Ends	4"	4"	4"	4"	4"	4"	4"	4"
HATCH BEAMS	Stiffeners	10 2 1/2"	10 2 1/2"	10 2 1/2"	10 2 1/2"	10 2 1/2"	10 2 1/2"	10 2 1/2"	10 2 1/2"
	Brackets, Stays	10 2 1/2"	10 2 1/2"	10 2 1/2"	10 2 1/2"	10 2 1/2"	10 2 1/2"	10 2 1/2"	10 2 1/2"
	Number	2	2	2	2	2	2	2	2
	Spacing	8' 4"	10' 5"	6' 3"	9' 9"	8' 4"	10' 5"	6' 3"	9' 9"
FORE AND AFTERS	Scantling and Sketch	3 x 3 x 4	4 x 3 x 5	3 x 3 x 4	3 x 3 x 4	3 x 3 x 4	4 x 3 x 5	3 x 3 x 4	3 x 3 x 4
	Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"
	Number	3	3	3	3	3	3	3	3
	Spacing	4' 0"	4' 0"	3' 6"	4' 0"	4' 0"	4' 0"	3' 6"	4' 0"
HATCH COVERS	Unsupp. Lengths	7' 10"	9' 11"	5' 9"	9' 3"	7' 10"	9' 11"	5' 9"	9' 3"
	Centre	Plate 10 x 1/2"	Plate 10 x 1/2"	Plate 10 x 1/2"	Plate 10 x 1/2"	Plate 10 x 1/2"	Plate 10 x 1/2"	Plate 10 x 1/2"	Plate 10 x 1/2"
	Sides	3 x 3 x 4	4 x 3 x 5	3 x 3 x 4	3 x 3 x 4	3 x 3 x 4	4 x 3 x 5	3 x 3 x 4	3 x 3 x 4
	Bearing Surface	7 x 1/2"	7 x 1/2"	7 x 1/2"	7 x 1/2"	7 x 1/2"	7 x 1/2"	7 x 1/2"	7 x 1/2"
<p>Are wood fore and afters steel shod at all bearing surfaces? <i>Yes.</i></p> <p>Are battens and wedges efficient and in good condition? <i>Yes.</i></p> <p>Are tarpaulins in good condition and in accordance with rule requirements? <i>Yes.</i></p> <p>Are lashings provided in accordance with rule requirements? <i>Yes.</i></p>									

## Particulars of fiddle, funnel and ventilator coamings:-

10" Keelhold portings covered by strong hinged covers.  
Funnel & fiddle ventilators in good condition.  
Engine Room skylight strongly constructed of steel.

## Particulars of Flush Bunker Scuttles:-

None.

## Particulars of Companionways:-

One fitted 10' of nos. Hatch leading to crew quarters at fore end of Shell Pl. Deck. Constructed of steel plates 1/2" thick, with 5 x 3 1/2 x 7/8 stiffeners at sides. The fore end protected by steel dk. boards. Dimensions 6' 0" x 4' 0" x 5' 3" wide x 4' 10" high. Height of sill 16". Closed by hinged leak door. 1 1/2" thick, & secured by lock capable of being manipulated from both sides.

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

On Superstructure Deck. 1- 8" coaming 36 x 32 to 7' Peak. 4- 8" coaming 36 x 32 to Crew Pk. 4- 20" coaming 36 x 32 to 12' 12" 36 x 32 coaming to Bunker. 1- 12" 36 x 32 coaming to 12' 12" 36 x 32 coaming to Bunker. 3- 20" coaming 36 x 32 to 12' 12" 36 x 32 coaming to Bunker. 1- 8" coaming 36 x 32 to A.P.

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

None on exposed freeboard deck.  
On Superstructure Deck. fuel fittings with brass screw caps.

## Particulars of Gangway Cargo and Coaling Ports:-

None

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## Particulars of Scuppers and Sanitary Discharge Pipes - Scuppers from Superstructure & Freeboard decks.

Discharge overboard of Collinson type without storm valves. Plugged at inner ends.  
Discharge pipes discharge overboard above freeboard deck. fittings are of cast iron fitted with rubber storm valves with brass caps for cover.

## Particulars of Side Scuttles:-

Fitted in Shell Pl. Deck forward in crew quarters & aft in storeroom. of substantial construction & fitted with hinged deadlights.

## Particulars of Guard Rails:-

Bulkhead fitting abreast S. & Casings of substantial construction & efficiently supported. 3' 9" high. elsewhere just rails (4 in. h) 3' 9" high & standard 4' 0" C to C.

## Particulars of Gangways, Lifelines, etc.:-

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
After Well	21.0 feet.	8' 3"	20' x 20'	one.	2.85 sq. ft.	2.85 sq. ft.
Forward Well						

State position of each freeing port ... After Well:- 10' 6" from fore end  
(F. and A. position, and height above deck edge) Forward Well:-  
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:- Hinged shutters.  
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	7/16"	7/16"	1 1/2 x 3 1/2 x 1/4"	30"	none	5' x 4'	1' 9"	8' 3"
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead	7/16"	7/16"	1 1/2 x 3 1/2 x 3/8"	34"	none	5' x 3'	20"	8' 3"
Bridge, Forward Bulkhead								
Forecastle Bulkhead								
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks								
Exposed Machinery Casings on Superstructure Decks	4"	3"	1 1/2 x 3 1/2 x 1/4"	31"	none	4' 9" x 27'	17'	6' 9"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	7/16"	4"	3 1/2 x 3 1/2 x 1/4"	36 DR	none	3' x 2'	18"	8' 3"
Deckhouses on Flush Deck Ships								

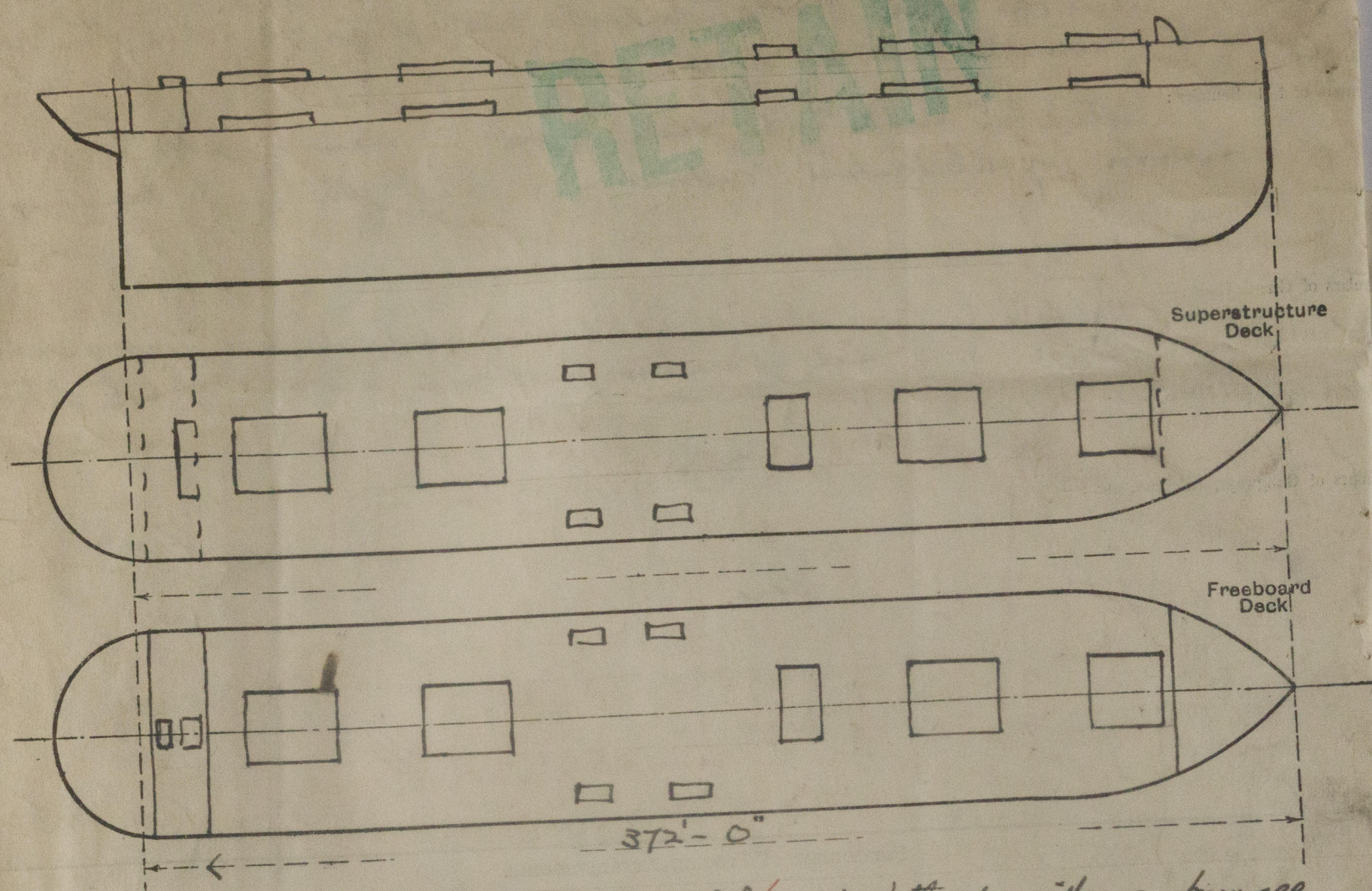
## Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	Hinged wood door 1 1/2" thick secured by padlock on inside only.
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	Sliding board full height in middle channels.
Bridge, Forward Bulkhead	
Forecastle Bulkhead	
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	Hinged steel door manipulated from both sides.
Exposed Machinery Casings on Superstructure Decks	Hinged steel door manipulated from both sides.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	
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 coaling ports, and any other openings, etc., which would affect the seaworthiness of the ship are to be shewn on the following sketches:—



The Shell deck is sheathed with 3" P.P. & is fitted with a tonnage opening 8' 1/4" x 16' 0" with 3 wood fore & aft & 8 x 6 sides (2) 6 x 6 C.I. staves 2 1/2 inch. covers wood 2 1/2 inch with 3" oak filler ad workshop with temporary means of lashing. coaming 9" B.A. On tonnage well are two hatches one 3' 6" x 21' filled with 1/2" wood coaming bolted to deck with 3" planks nailed down. State any special features in the construction of the ship. Coaming 4' 2" x 3' with 9" B.A. coaming. wood all covered by 1/8" steel plate. This is completely tight. & one 4' 2" x 3' with 9" B.A. coaming. wood covers 2 1/2 inch. 3" bearing. Cleats & tarpaulins & battens equal to m.e. Coaling hatches on Superstructure deck: 2 each side 6' 0" x 3' 0" coamings 3 1/2 inch. covers wood 2 1/2 inch filled ad workshop. steel bar 1 1/4 inch. cleats 2 1/2 inch C.I. 2 tarpaulins & battens 1/2 inch. On freeboard deck. 2 each side 6' 0" x 3' 0" with 9" B.A. coamings. wood covers 2 1/2 inch filled ad workshop. Cleats 2 1/2 inch C.I. 2 tarpaulins. steel battens 1/2 inch. Escape ventilator (except in way 103 Hatch) 23' x 21' 9" B.A. coaming with 1/2 wood cover. & battens down arrangement. In way 103 Hatch 3 1/2 angle coamings, with non W.T. keel covers. and efficiently secured.

Builder's name and yard number Armstrong Whitworth Ltd.  
Names of sister ships \_\_\_\_\_  
Owners Alexander Shipping Co. Ltd. Capt. Alexander & Co. Ltd.  
Fee £ 12 : 15 : 0 Received by me \_\_\_\_\_