

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS															
UPPER DECK.						* SUPERSTRUCTURE DECKS.									
Description of Hatchway	...	...	...	Nº1 HATCH	Nº2 HATCH	Nº3 HATCH	Nº4 HATCH	Nº5 HATCH.	COAL HATCH ABREAST ENG CASING PAS.	Nº3 HATCH	COAL HATCH ABREAST ENG CASING PAS.	COAL HATCH ABREAST BOILER CASING PAS.	HATCH ON FOCLE DECK.
Dimensions of Hatchway	...	...	...	28'-0" x 20'-0"	28'-0" x 20'-0"	21'-0" x 19'-11"	28'-0" x 20'-0"	28'-0" x 20'-0"	7'-0" x 3'-6"	21'-0" x 20'-0"	6'-9" x 3'-4"	6'-9" x 3'-4"	3'-0" x 2'-6"
COAMINGS	{	Height above Deck	...	30"	30"	9 x 3 x 40	30"	30"	9 x 3 x 40	30"	30"	30"	30"		
		Thickness	{	Sides	...	44	44	B.A.	44	44	44	36	36	36	
		Stiffeners	{	Ends	...	44	44	COAMING.	44	44	44	36	36	36	
		Stays	...	7 x 3 x 40	7 x 3 x 40	✓	7 x 3 x 40	7 x 3 x 40	✓	7 x 3 x 40	✓	✓	✓		
HATCH BEAMS	{	Number	...	3	3	2	3	3	COAL HATCH/ ABREAST BOILER CASING PAS.	2	/		HATCH ON POOP DECK		
		Spacing	...	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"	12'-0" x 3'-6"	7'-0"			2'-6" x 3'-6"		
		Scantling and Sketch	...	PLATE 20" x 38	20" x 38	20" x 38	20" x 38	20" x 38	16" x 38	4 1/2" x 3 x 48			18" x 36		
		Bearing Surface	...	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"			2 1/2" COVER BEARING 2 1/2" FITTED AT 1/2"		
FORE AND AFTERS	{	Number	...	/					TRIMMING HATCHES IN BRIDGE SPACE	/			HATCH ON CASING TOP TO SHIP'S BACK TRUNK.		
		Spacing	...						2'-6" x 2'-6"				6'-0" x 18'-0"		
		Unsupported Lengths	...						9 x 3 x 40				COAMING 9 x 3 x 40 B.A.		
		Scantling* and Sketch	...						COAMING.				2 1/2" COVERS FITTED F.A.		
HATCH COVERS	{	Material	...	/					HATCH IN FOCLE TO FORE PEAK.	/			2 1/2" SOLID WOOD COVERS		
		Thickness	...						3'-0" x 2'-6"				FITTED AT 1/2" WARTSHIP		
		How fitted	...						9 x 3 x 40				BEARING 2 1/2"		
		Bearing Surface	...						COAMING.				3 BEARING.		
Spacing of Cleats	...	...	24"	24"	24"	24"	24"	COVERS 2 1/2" BEARING 2 1/2" CLEATS 24" 1 TARPULIN TO EACH	24"	24"	24"	24" & 18"	
Number of Tarpaulins	...	...	2	2	1	2	2		2	2	2	2.	
*Are wood fore and afters steel shod at all bearing surfaces? ✓															
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:—

Engine Skylight of steel, strongly constructed.
 Fiddle gratings fitted with hinged steel covers.
 Fiddle, Funnel & Vent coamings in efficient condition.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:—

Steel Companion on Poop Deck, with solid wood door, having 18" sill.

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

Fore D^o 1-8" V to Fore Peak, coaming 36" x 30 ; 1-18" V to Fore Hold, coaming 36" x 40.
Well Forward 4-18" V to Holds, coaming 36" x 40 ; Well Aft 7-18" V to Holds, coaming 36" x 40.
Bridge D^o 2-24" V to Holds & D^o, coamings 30" x 40; 2-18" Derrick Post Vents ; 4-10" V to Bunkers, coamings 30" x 32.
Poop D^o 2-6" V to Bunkers, coamings 30" x 30.
 1-10" V to Tunnel, coaming 30" x 32; 13-6" V to Crew Spaces, coaming 30" x 30
 All Ventilators constructed in accordance with Rules & coamings closed with wood plugs & canvas covers.

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

Fore D^o 1-3 1/2" M to Fore Peak ; 1-2 1/2" M to N^o1 D.B. Tank ; 24" High.
Well Forward 1-2 1/2" M to N^o1 D.B. Tank ; 2-3 1/2" M to N^o2 D.B. Tank ; 36" High.
Well Aft 2-2" M to N^o4 D.B. Tank ; 2-2 1/2" M to N^o5 D.B. Tank ; 36" High.
Poop D^o 1-2 1/2" M to Aft Peak ; 1-2" M to Rudder Trunk ; 24" High.
 All air pipes closed with wood plugs.

Particulars of Gangway Cargo and Coaling Ports:—

None.



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Particulars of Scuppers and Sanitary Discharge Pipes — Bath, W.C. & Basin discharges from Saloon House; Officers Accommodation on Bridge Deck abreast casing; & also from Crew's Quarters in Poop Space, carried through Ship's side above upper Deck, fitted with storm valves & having traps at inner end.
 3 1/2" Scupper in Bridge Space fitted with storm valve & having wood plug on inner end.
 1 1/2" Scupper from Steering Gear Flat (P) fitted with storm valve & having wood plug on inner end.
 1/2" Scupper in Lock (P&S) fitted with storm valve & having wood plug on inner end.

Particulars of Side Scuttles:

Lock & Poop Spaces 9" Dia. Sidelights, of substantial construction & fitted with deadlights.



Particulars of Guard Rails:—

Lock & Poop Decks. Open rails 3'-3" high, 2 rods & stanchions spaced 5'-0" apart.
 Bridge Deck. Open rails 3'-3" high, 3 rods & stanchions spaced 5'-0" apart.

Particulars of Gangways, Lifelines, etc.:—

Provision made for rigging lifelines in both wells, & in any other part of the ship used by the crew.

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 ... 	88' - 8"	3' - 6"	4' - 0" x 9"	6	18 sq ft	17.7 sq ft
Forward Well 	88' - 8"	3' - 6"	4' - 0" x 9"	6	18 sq ft	17.7 sq ft

State position of each freeing port ... After Well:— 5'-2"; 15'-0"; 27'-0"; 38'-0"; 56'-0"; 73'-0" from Bridge End.
 (F. and A. position and height above deck edge) Forward Well:— 5'-2"; 15'-0"; 27'-0"; 38'-0"; 56'-0"; 73'-0" from Bridge End. } 12" above deck.
 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.

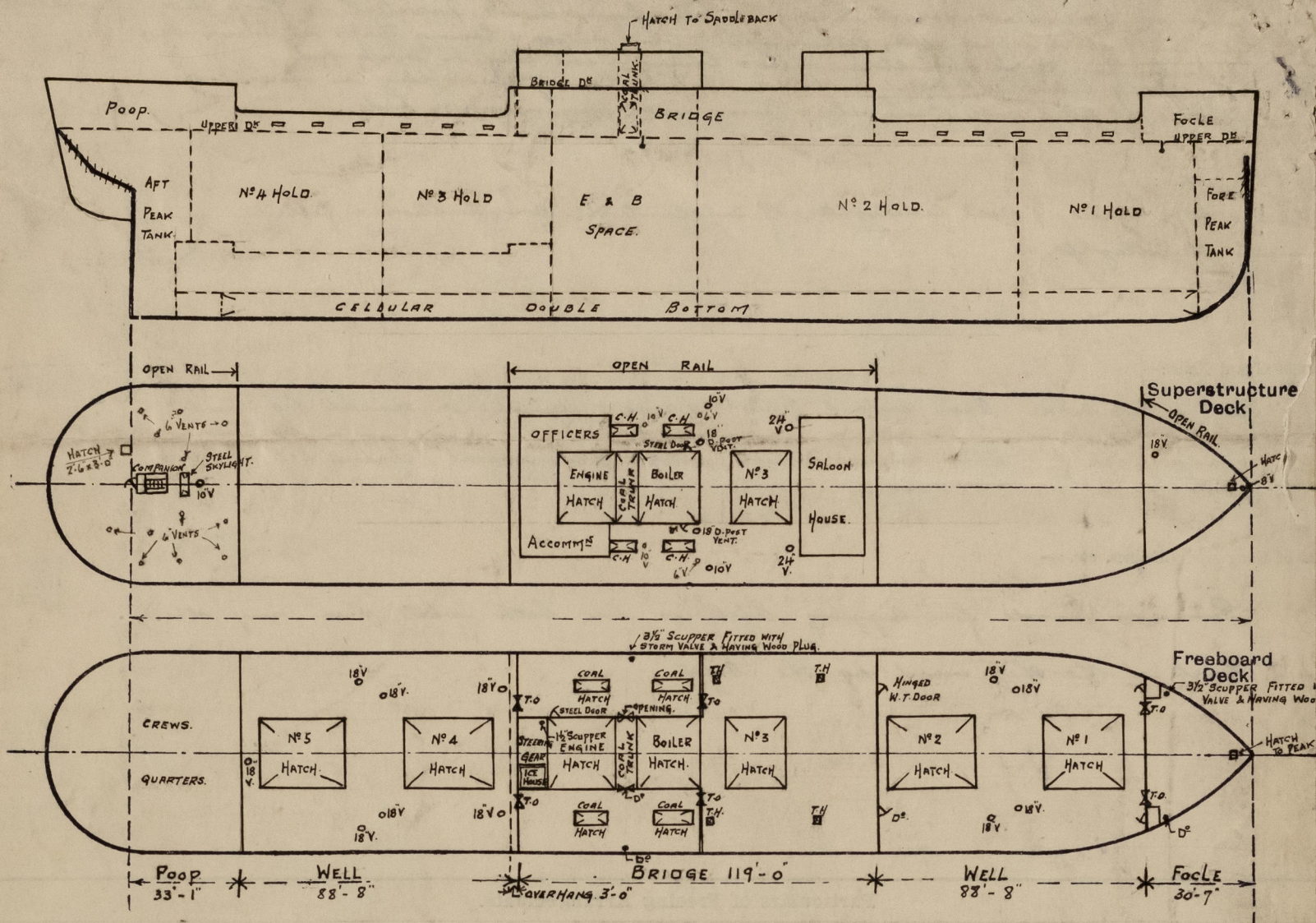
Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	40	40	ANGLE 5 x 3 x 32	40"	WELDED AT BOTTOM BRACKETED AT TOP.	NO OPENINGS	✓	7'-6"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	33	33	3 x 2 1/2 x 26	40"	BRACKETED AT TOP	5'-0" x 3'-0"	18"	7'-9"
Bridge, Forward Bulkhead ...	48	48	ANGLE 8 x 3 1/2 x 52	40"	WELDED AT BOTTOM. BRACKETED AT TOP.	5'-0" x 3'-0"	18"	7'-9"
Forecastle Bulkhead ...	36	36	3 x 2 1/2 x 30	45"	BRACKETED AT TOP.	5'-0" x 3'-3"	18"	7'-6"
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	34	30	ANGLE 4 x 3 x 30	38"	BRACKETED AT TOP	5'-0" x 2'-0"	18"	7'-6"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	30	26	4 x 3 x 30 3 x 3 x 30	38" 28"	BRACKETED AT TOP.	5'-0" x 2'-2"	18"	7'-9"
Deckhouses on Flush Deck Ships ...								

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

Poop Bulkhead ...	No openings
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	2 1/2" Shifting boards fitted full height, in channels welded to bulkhead.
Bridge, Forward Bulkhead ...	Hinged Steel Doors. Workable from both sides.
Forecastle Bulkhead ...	2 1/2" Shifting boards fitted full height, in channels welded to bulkhead.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	
Exposed Machinery Casings on Superstructure Decks ...	Hinged steel doors. Workable from both sides.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	Hinged steel doors. Workable from 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, coaling ports, and any other openings, etc., which would affect the seaworthiness of the ship are to be shown on the following sketches:—



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

This vessel is of the Isherwood "Arcform" type & has been built in accordance with the App. Plans of Midship Section, Profile & Decks, & Hatches forwarded herewith for reference, & also in general conformity with the Society's Rules for the Class contemplated.

The vessel is to be engaged on International trade.

Freeboard request attached.

A preliminary freeboard was issued as per Secretary's letter of 28.3.33.

Builder's name and yard number

Lithgows Limited

No. 866.

Names of sister ships

Owners

Isherwood Arcform Ships Ltd (Managers)

Let Fee £ 15 : 0 : 0

Received by me



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