

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS																						POOF		RIGHT TOP	
		← BRIDGE →																← UPPER D' →							
		TO FORE PEAK		N°1	N°2	N°4	COAL BUNKER HATCHES 2a-2b	TO FORE PEAK	N°1	N°2	N°2A	N°3	N°4	N°5	N°6	COAL HATCHES	N°6	TO ESCAPE STORE TUNNEL	COAL HATCHES	N°6	TO ESCAPE STORE TUNNEL				
Description of Hatchway		3'-10" x 2'-7"	27'-0" x 17'-6"	24'-0" x 17'-6"	15'-0" x 17'-6"	4'-0" x 12'-0" x 3'-0"	4'-0" x 12'-0" x 4'-0"	4'-3" x 17'-6"	27'-0" x 17'-6"	30'-0" x 17'-6"	12'-9" x 17'-6"	11'-9" x 17'-6"	15'-0" x 17'-6"	24'-0" x 17'-6"	27'-3" x 17'-6"	4'-7" x 3'-2"	12'-0" x 4'-2"	26'-0" x 17'-6"	3'-6" x 2'-5" x 3'-6"	2'-5" x 2'-1" x 2'-0"	15'-0" x 7'-0"				
Dimensions of Hatchway		2'-7"	17'-6"	17'-6"	17'-6"	3'-0"	4'-0"	4'-3"	17'-6"	17'-6"	17'-6"	17'-6"	17'-6"	17'-6"	17'-6"	17'-6"	17'-6"	17'-6"	17'-6"	17'-6"	17'-6"				
COAMINGS	Height above Deck	15"	31"	31"	31"	9' 8"	9' 8"	12"	18"	31"	18"	18"	18"	31"	18"	9' 8"	9' 8"	31"	16"	9' 8"	7' 8"				
	Thickness	44"	50"	66"	44"	✓	✓	40"	40"	68"	40"	40"	40"	50"	50"	✓	✓	56"	36"	✓	✓				
	Sides	44"	44"	44"	44"	✓	✓	40"	40"	44"	40"	40"	40"	44"	44"	✓	✓	44"	36"	✓	✓				
	Ends	44"	44"	44"	44"	✓	✓	40"	40"	44"	40"	40"	40"	44"	44"	✓	✓	44"	36"	✓	✓				
HATCH BEAMS	Stiffeners	✓	9' 8"	7' 8"	9' 8"	✓	✓	✓	9' 8"	9' 8"	9' 8"	9' 8"	9' 8"	9' 8"	9' 8"	✓	✓	9' 8"	✓	✓	✓				
	Brackets, Stays	✓	5	4	2	✓	✓	✓	5	4	1	1	2	4	4	✓	✓	4	✓	✓	✓				
	Number	5	4	2	2	2	2	2	5	5	2	2	2	5	5	5	5	5	5	5	5				
	Spacing	4'-6"	4'-6"	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	4'-6"	5'-0"	5'-0"	5'-0"	5'-0"	4'-6"	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"				
FORE AND AFTERS	Scantling and Sketch	7" PLT	7" PLT	7" PLT	7" PLT	NONE	NONE	NONE	7" PLT	7" PLT	7" PLT	7" PLT	7" PLT	7" PLT	7" PLT	NONE	NONE	7" PLT	NONE	NONE	NONE				
	Bearing Surface	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"				
	Number	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE				
	Spacing	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE				
HATCH COVERS	Unsupported Lengths	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE				
	Scantling* and Sketch	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE				
	Material	STEEL	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD				
	Thickness	3"	3"	3"	3"	2 1/2"	3"	3"	2 1/2"	3"	3"	3"	3"	2 1/2"	3"	2 1/2"	2 1/2"	3"	3"	3"	3"				
HATCH COVERS	How fitted	COVER	F+A	F+A	F+A	ATHW	ATHW	ATHW	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A				
	Bearing Surface	HINGED FLAP	3' 3 1/2"	3' 3 1/2"	3' 3 1/2"	2"	2"	2"	3' 3 1/2"	3' 3 1/2"	3' 3 1/2"	3' 3 1/2"	3' 3 1/2"	3' 3 1/2"	3' 3 1/2"	2"	2"	3' 3 1/2"	2"	2"	2"				
	Spacing of Cleats	24"	24"	24"	24"	20"	20"	21"	35"	24"	35"	35"	34"	24"	35"	22"	34"	22"	15"	NONE	24"				
	Number of Tarpaulins	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
*Are wood fore and afters steel shod at all bearing surfaces?																						None		Yes	
Are battens and wedges efficient and in good condition?																						None		Yes	
Are tarpaulins in good condition and in accordance with rule requirements?																						None		Yes	
Are lashings provided in accordance with rule requirements?																						None		Yes	
																						Rackings bands fitted to 2 fore and aft hatchways at Cal. 15/10/44			

Particulars of fiddle, funnel and ventilator coamings:—

Fiddle gratings fitted with hinged steel covers ✓
 Engine skylight of steel strongly constructed ✓
 Fiddle & Funnel vents good ✓

Particulars of Flush Bunker Scuttles:—

None ✓

Particulars of Companionways:—

Entrance to Engine room at aft end Bridge deckhouse enclosed on cloud in strong steel deckhouse. Door (wood) 4'-11" x 2'-5", sill 18 1/2". door operated both sides ✓
 Entrance to Foremast Forecastle in Poof space. door, steel in halves, 5'-0" x 2'-0" sill 19"
 Enclosed in strong steel deckhouse. door operated both sides ✓
 Entrance on Poof deck to crew lavatory in after end Poof space enclosed in strong steel deckhouse door (steel) hinged 5'-0" x 1'-11" operated both sides. Sill 19" ✓

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

Forecastle deck:— 4 @ 27" to bunkers & hold coaming 36" x 36" 2 at 10" dia to stowage store coaming 27" x 24"
 Bridge deck:— 2 @ 30" " " 36" x 38" all other vents on top of strongly constructed deckhouses.
 4 @ 31" " " 36" x 38"
 4 @ 14" to bunkers & Eng Rooms 33" x 34"
 2 @ 24" to Deck & aft 36" x 38"
 1 @ 12" to Eng. Store Rm 24" x 25"
 4 @ 24" same as fore vents to hold PLT 50" thick Vents closed with wood plugs & canvas covers ✓

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

1 c. 3 air pipe on Forecastle deck to Fore Peak 5" dia x 9 1/2" high 1 c. 3 air pipe to double bottom 2 1/2" x 13"
 3 " " " " " " 4" x 30 1/2"
 2 " " " " " " 2 1/2" x 13"
 5 " " " " " " 4" x 10"
 5 " " " " " " 3" x 12"
 2 " " " " " " 4" x 6"
 1 " " " " " " 4" x 7"
 Poof Deck
 1 c. 3 air pipe to double bottom 4" dia x 9 1/2" high 2 1/2" x 13"
 1 " " " " " " 2 1/2" x 11"
 2 c. 3 " " " " " " 2 1/2" dia led
 4 air pipes side port side in poof space no storm valves no closing appliances for air pipes ✓
 18" above poof deck

Particulars of Gangway Cargo and Coaling Ports:—

1 W. hinged steel coaling door each side in Bridge space bunkers closed with 2 strong backs.



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Particulars of Scuppers and Sanitary Discharge Pipes

- Particulars of Scuppers and Sanitary Discharge Pipes —
- | | | | | |
|---|--------------------|----------------------|--|---|
| 2 | scuppers | from forecabin space | led directly overboard above foreboard deck with portable plate cover | ✓ |
| 4 | " | " " " " " " | " " " " " " " " " " | ✓ |
| 2 | " | " " " " " " | " " " " " " " " " " | ✓ |
| 3 | " | " " " " " " | " " " " " " " " " " | ✓ |
| 1 | Sanitary discharge | from poop space aft | led overboard below foreboard deck with brass storm valve at ship's side | ✓ |

Particulars of Side Scuttles :

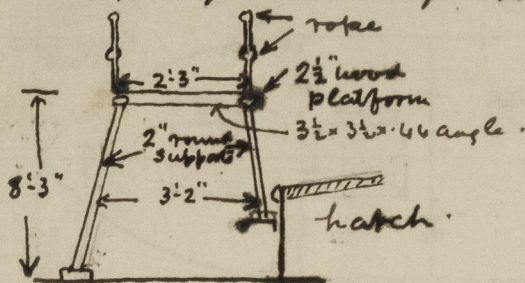
- Side scuttles in Erection have hinged steel deadlights in cargo spaces. ✓
 " " " Trimmed Quarters in poop space starboard are not
 fitted with deadlights. ✓
 2 Portlights in Bridge front bulkhead fitted hinged deadlights. ✓
 1 Portlight in Poop front bulkhead - no deadlight. ✓

Particulars of Guard Rails :—

- Fore cable! - 2 tier rails, 36" high, stanchions 4'-5" apart, Bulwark 36" high at fore end.
Bridge! - 3 tier rails 37" " stanchions 4'-0" to 5'-6" apart
Poop! - 3 tier rails 37" " " 4'-6" apart
Freeboard Deck! - Efficient bulwarks 4'-3" high with part hinged for gangway door.
For gangway door
after "

Particulars of Gangways, Lifelines, etc. :—

- Garage fitted between Poop & Bridge decks port side
2 tier w/ lifelines through stanchions 5'-1" to 6'-8" apart and 2'-10" high



Crew all berthed aft-

Efficient life was provided in
the forward well.

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	33.1	4'-3"	2.5 x 1.25 5'2"-6" x 2'-0"	2 } 2	10 \$ 6-25 \$	9.81
Forward Well	48.0	4'-3"	2.5 x 1.25 1-0 x 1-66 mooring (over) pipe 3'-0 x 2'-0	2 } 2	6-25 \$ 1-05 \$ = 7-30 12 \$	11.30

State position of each freeing port } After Well:— *from Bridge end 2'-5" and 29'-0" to forward ends* F.P. = 13 1/2' along deck
(F. and A. position and height above deck edge) } Forward Well:— *from Inboard end 1'-12" 0 13'-6" 0 40'-7" 0 46'-8" 0* Mooring Pipes = 16' - "

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:—
1 frame + 4" bar + hinge steel shutters on each freeing port.

Additional area where sheer is less than standard.

Particulars of Superstructures, Trunks, Casings, Deckhouses.

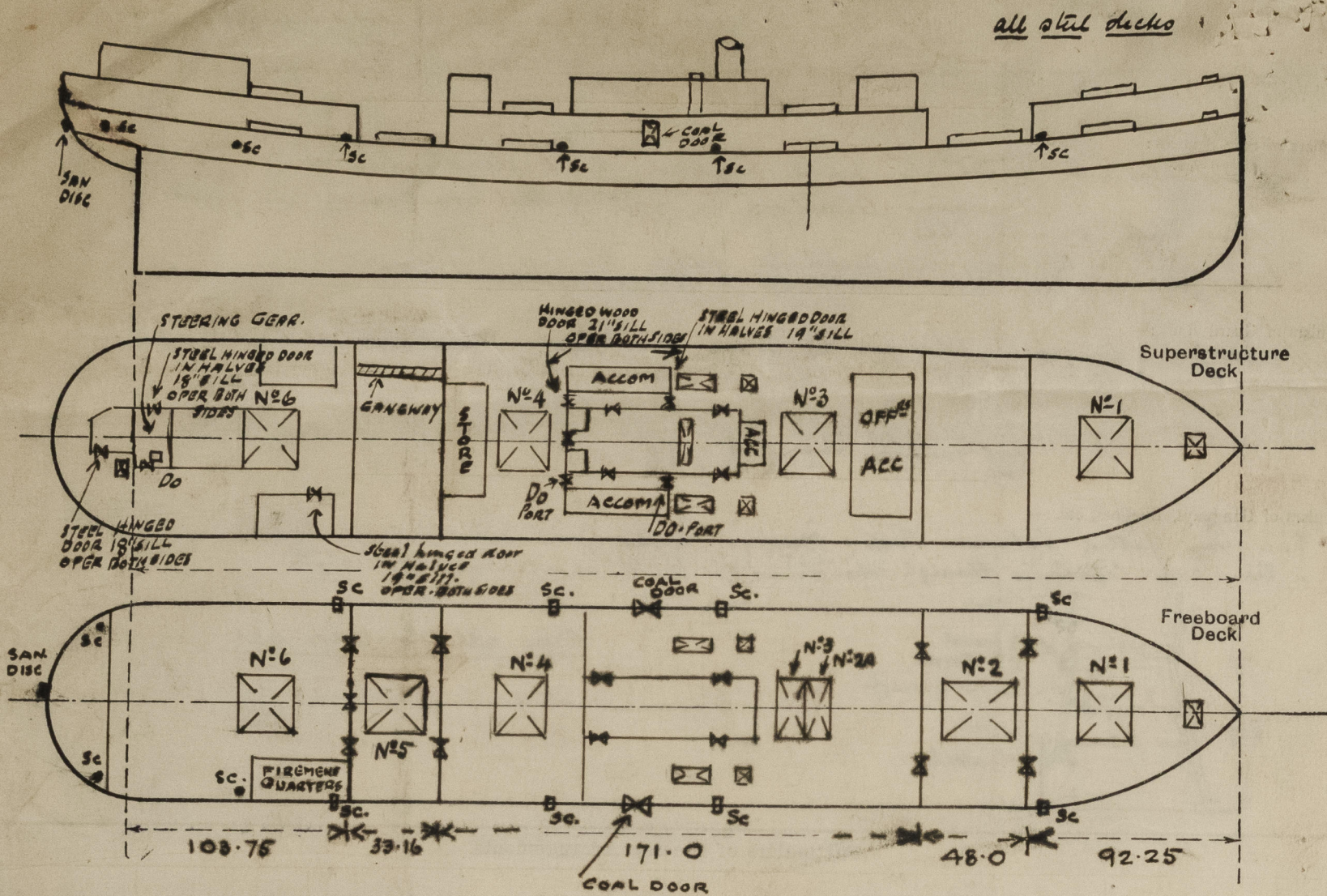
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ... ..	.44	.44	9 x 3½ x .55 BA	30"	Brackets	2 at 5'-1" x 3'-1" 1 at 2'-5" x 2'-3"	24" 39"	8'-0" fore end 7'-6" aft end
Raised Quarter Deck Bulkhead ...				✓				
Bridge, After Bulkhead ... ..	.44	.30	3 x 2½ x .34 A	3'-2" 6'-3'-7"	none	2 at 5'-0" x 4'-0"	24"	8'-6"
Bridge, Forward Bulkhead ... ..	.44	.44	9 x 3½ x .55 J	30"	Brackets	2 at 5'-1" x 3'-0"	32"	8'-6"
Forecastle Bulkhead	✓	.25	3 x 3 x .36 A	30"	none	2 at 5'-0" x 4'-0"	24"	8'-0"
Trunk, Aft				✓				
Trunk, Forward				✓				
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...				✓				
Exposed Machinery Casings on Super- structure Decks ... ..	.50 x .34	.30	3 x 3 x .34 A	2'-5"	alt brackets at top	2 at 4'-5" x 2'-0"	18"	7'-2"
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances	✓	.30	4 x 3 x .38 A	30" + 36"	none	4 at 4'-11" x 2'-0"	19"	8'-6"
Deckhouses on Flush Deck Ships ...				✓				

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

Poop Bulkhead	...	...	2 steel plates with hook bolts spaced 14" apart, bolts not through bulkhead
			1 hinged steel door (insulated) to ice box with 2 clips operated from outside only.
Raised Quarter Deck Bulkhead	...		✓
Bridge, After Bulkhead	...	...	2 steel plates with hook bolts, spaced 15" apart, bolts not through bulkhead
Bridge, Forward Bulkhead	...	...	2 Watertight hinged doors, 10 clips, operated from both sides.
Forecastle Bulkhead	...	...	2 steel plates with hook bolts, spaced 15" apart, bolts not through bulkhead
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	...	...	✓
Exposed Machinery Casings on Superstructure Decks	...	...	2 steel hinged doors in halves operated from both sides.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	4 steel hinged doors in halves operated from both sides.
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:—



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

Builder's name and yard number

Names of sister ships

Owners

Ellerman Line Ltd (Hull Line Ltd Managers)

Fee £

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