

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS							
FORECASTLE FREEBOARD SUN DECK ← FREEBOARD D ^K →							
Description of Hatchway	1	2	3	4	5	6	
Dimensions of Hatchway	18'-0" x 16'-6"	28'-6" x 16'-6"	11'-10" x 14'-0"	23'-9" x 16'-6"	19'-0" x 16'-6"	16'-7½" x 16'-6"	
COAMINGS { Height above Deck	30"	Same	Same	Same	Same	Same	
{ Thickness50"	as	as	as	as	as	
{ Sides50"	as	as	as	as	as	
{ Stiffeners	7" BA	Nº 1	Nº 1	Nº 1	Nº 1	Nº 1	
{ Brackets, Stays	none						
HATCH BEAMS { Number	3	5	2	5	3	3	
{ Spacing	4'-6"	4'-9"	3'-10"	4'-0"	4'-9"	4'-2"	
{ Scantling and Sketch	1 as A 2 as B	2 as A 3 as B	2 as B	2 as A 3 as B	1 as A 2 as B	1 as A 2 as B	
Bearing Surface	2¾"	2¾"	2¾"	2¾"	2¾"	2¾"	
FORE AND AFTERS { Number	A		B				
{ Spacing	21"		3¼"-6"				
{ Unsupported Lengths	4x3"x34"		1½"x15"				
{ Scantling* and Sketch							
Bearing Surface							no fore and afters.
HATCH COVERS { Material	W.P.	Same	Same	Same	Same	Same	
{ Thickness	3"	as	as	as	as	as	
{ How fitted	F & A	Nº 1	Nº 1	Nº 1	Nº 1	Nº 1	
Bearing Surface	3"	Nº 1	Nº 1	Nº 1	Nº 1	Nº 1	
Spacing of Cleats	24"	Same	Same	Same	Same	Same	
Number of Tarpaulins	3	as Nº 1	as Nº 1	as Nº 1	as Nº 1	as Nº 1	

*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 fiddley, funnel and ventilator coamings :—

No hinged steel covers fitted to Boiler Room gratings.
Innards & Vent Coamings in an efficient condition.
Engine skylight of steel strongly constructed.

Particulars of Flush Bunker Scuttles:—

bone.

Particulars of Companionways :—

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1.	Steel W.T. Entrance door to No 1 Fan Room having sills 10' high doors operated from both sides						
1	" " " "	2	" " " "	12"	"	"	"
2	Hinged wood " " in alleyway to Tween Deck			6"	"	"	"
2	" " " " to Lavatories			12"	"	"	"
1	Steel Hinged " " No 1 Hold			12"	"	"	"
6	wood " " on Bridge Deck			10"	"	"	"
1	" " " " on Poop			12"	"	"	"

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

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24	Vents on Forecastle	5 ^R	8" to 20" dia	Coamings	2' 10" high	led to spaces below.	
2	"	Freeboard	20"	"	10' 3"	"	(Supported)
4	"	"	15"	"	10' 0"	"	"
2	"	"	15"	"	2' 10"	"	"
10	"	Poops	15"	"	2' 4"	"	"
4	"	"	10"	"	2' 4"	"	"

all Vents closed by wood plugs and Canvas Covers.

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

10. 3" dia C.I. Air Pipes on Freeboard Deck 3'-5" high led to double bottom.
10 4" - - - - - Bridge - 1'-9" - - - - -

closed by wood plugs.

Particulars of Gangway Cargo and Coaling Ports :—

1 - Cargo Port 6'-0" x 3'-8" between Freeboard & Bridge Deck. Starb' only
1 " " 5'-9" x 3'-8" each side bet Freeboard & 2nd Deck.
10 Meat " each side 2'-7½" x 2'-6" bet Freeboard & 2nd Deck.

all Posts of substantial construction, and efficiently secured watertight

Particulars of Scuppers and Sanitary Discharge Pipes:—

Discharges through ship's side below freeboard deck fitted with N.R.V's.
at ship's side geared up to freeboard deck.
Discharges from spaces above freeboard deck fitted with storm valves at
ship's side & efficient traps at inner end.

Particulars of Side Scuttles:—

All Scuttles below freeboard deck fitted with
hinged deadlights.
Scuttles of substantial construction.

Particulars of Guard Rails:—

on Forecastle deck 3'-9" high, 3 rods, Stanchions 4'-0" apart.
" Poop " 3'-9" " 5 " " 3'-6" "

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	110.85' ^{1st} 186.85' ^{2nd}	4'-6"	3'-0" x 1'-3"	3 -	11.25 sq. ft.	22.0 sq. ft. 37.37 sq. ft.
Forward Well	44.5'	4'-6"	3'-0" x 1'-3" 1'-8" x 1'-5" 6" dia	1 - 1 - 2 -	6.25 sq. ft.	10.95 sq. ft.

State position of each freeing port } After Well:—
(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:—
Additional area where sheer is less than standard.

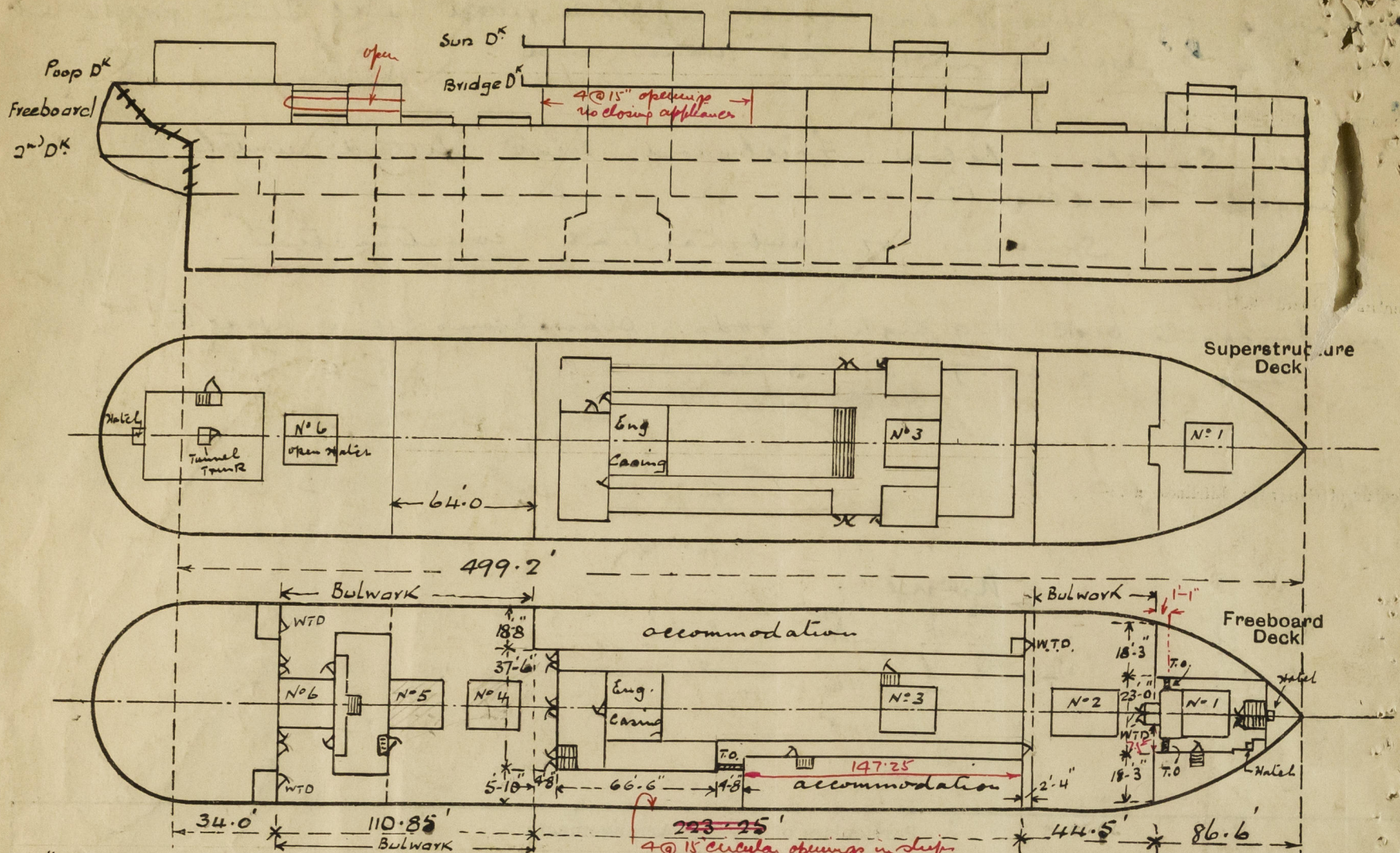
Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	7/16"	3/8"	6" x 3 1/2" x 7/16" BA	27 1/2"	Bkls	2 x 5'-6" x 3'-6" 2 x 5'-8" x 2'-5"	12"	7'-10" steel 1/2" steel
Raised Quarter Deck Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead	3/8"	3/8"	6" x 3 1/2" x 7/16" BA	28"	Bkls	2 x 5'-9" x 3'-8" 1 x 5'-9" x 5'-3" 1 x 5'-9" x 2'-0"	13"	8'-3 1/2" steel 1/2" steel
Bridge, Forward Bulkhead	7/16"	3/8"	9" x 3 1/2" x 5/16" BA	30"	Bkls	2 x 5'-4" x 3'-0"	12"	8'-3 1/2" steel
Forecastle Bulkhead	5/16"	1/4"	5" x 2 1/2" x 3/8" BA	2'-8"	Lugs	2 x 6'-0" x 3'-2"	12"	8'-0"
Trunk, Aft	✓	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Superstructure Decks	✓	✓	✓	✓	✓	✓	✓	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	3/8"	3/8"	3" x 2 1/2" x 3/8"	2'-5 1/2"	continuous	1 x 5'-9" x 3'-3"	12"	8'-0"
Deckhouses on Flush Deck Ships ...	✓	✓	✓	✓	✓	✓	✓	✓

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

Poop Bulkhead	2 hinged wood double doors 2" thick, operated from both sides.
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead	3 hinged wood double doors operated from both sides (2" thick) ^{weather boards - full height riveted channels}
Bridge, Forward Bulkhead	1 steel hinged door, operated from both sides.
Forecastle Bulkhead	2 Tonnage openings. Battens carried full height in steel channels.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	1 hinged wood double doors, operated 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, 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:—



3" Pitch Pine sheathing on Poop, Bridge & Forecastle beams.

3 " " " weather portions of freeboard D^k and the alleyway on Starboard side.

2" Composition on Freeboard D^k in way of accommodation.

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

Small Hatches						
N° off	Position	Size	Coaming	Battening arrangements	access to	
1	in Forecastle	3'-6" x 3'-3"	3 1/2" L	wood cover no battening	Fore Peak	
1	"	2'-5" x 1'-11"	12 1/2"	"	Chain Locker	
1	on Freeboard D ^k	2'-5" x 2'-3"	2'-6"	"	N° 4 hold	
1	on Poop D ^k	2'-10" x 2'-10"	12"	"	Lazarette	

This Vessel was Surveyed afloat. Survey confined to Freeboard.

Brafft	Deadweight	Brafft	Long per Inch
32'-9 3/4"	12,348 tons	31'-0"	65
32'-1"	11,800 "	32'-3"	65.5
31'-10"	11,600 "	29'-10 1/2"	64.5
29'-10"	10,000 "	28'-9"	64.0
28'-2"	8,700 "	27'-8"	63.5

Light weight of Ship at 16'-4 1/2" = 10,397 tons.

Builder's name and yard number Messrs Harland & Wolff Ltd, Belfast. N°

Names of sister ships Tamaroa.

Owners Shaw, Saville, & Albion Co Ltd.

Fee £ 17 : 0 : 0 Received by me

(10 AUG 1932)



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