

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS									
Upper Deck (Shell Pl.) 2 nd Dk. Shell Pl.									
Description of Hatchway	No. 1	No. 2	No. 3	No. 1	No. 2	No. 3	Donning Hatch		
Dimensions of Hatchway	13'-5" x 12'-0"	17'-3" x 12'-0"	13'-5" x 12'-0"	13'-5" x 12'-0"	17'-3" x 12'-0"	21'-1" x 12'-0"	4'-1" x 12'-0"		
COAMINGS	Height above Deck ... 30" Thickness { Sides ... 50" Ends ... 50" Stiffeners ... 7 x 3 x .38 Buckets, Stays ... one ✓	Height above Deck ... 30" Thickness { Sides ... 50" Ends ... 50" Stiffeners ... 7 x 3 x .38 Buckets, Stays ... one ✓	Height above Deck ... 30" Thickness { Sides ... 50" Ends ... 50" Stiffeners ... 7 x 3 x .38 Buckets, Stays ... one ✓	Height above Deck ... 12" Thickness { Sides ... 50" Ends ... 50" Stiffeners ... None Buckets, Stays ... None ✓	Height above Deck ... 12" Thickness { Sides ... 50" Ends ... 50" Stiffeners ... 50" Buckets, Stays ... None ✓	Height above Deck ... 12" Thickness { Sides ... 50" Ends ... 50" Stiffeners ... 50" Buckets, Stays ... None ✓	Height above Deck ... 12" Thickness { Sides ... 50" Ends ... 50" Stiffeners ... 50" Buckets, Stays ... None ✓		
HATCH BEAMS	Number ... 200 Spacing ... 4'-5 1/2" Scantling and Sketch Bearing Surface ... 3"	Number ... 300 Spacing ... 4'-3 1/4" Scantling and Sketch Bearing Surface ... 3"	Number ... 200 Spacing ... 4'-6" Scantling and Sketch Bearing Surface ... 3"	Number ... 200 Spacing ... 4'-5 1/2" Scantling and Sketch Bearing Surface ... 3"	Number ... 300 Spacing ... 4'-3 3/4" Scantling and Sketch Bearing Surface ... 3"	Number ... 300 Spacing ... 4'-2 1/2" Scantling and Sketch Bearing Surface ... 3"	Number ... None Spacing ... None Scantling and Sketch Bearing Surface ... 3"		
FORE AND AFTERS	Number ... None Spacing ... None Unsupported Lengths Scantling* and Sketch Bearing Surface ... None	Number ... None Spacing ... None Unsupported Lengths Scantling* and Sketch Bearing Surface ... None	Number ... None Spacing ... None Unsupported Lengths Scantling* and Sketch Bearing Surface ... None	Number ... None Spacing ... None Unsupported Lengths Scantling* and Sketch Bearing Surface ... None	Number ... None Spacing ... None Unsupported Lengths Scantling* and Sketch Bearing Surface ... None	Number ... None Spacing ... None Unsupported Lengths Scantling* and Sketch Bearing Surface ... None	Number ... None Spacing ... None Unsupported Lengths Scantling* and Sketch Bearing Surface ... None		
HATCH COVERS	Material ... 6x6 wood Thickness ... 3" How fitted ... 7/8" x 1/4" Bearing Surface ... 2 7/8" x 3" ✓	Material ... 6x6 wood Thickness ... 3" How fitted ... 7/8" x 1/4" Bearing Surface ... 2 7/8" x 3" ✓	Material ... 6x6 wood Thickness ... 3" How fitted ... 7/8" x 1/4" Bearing Surface ... 2 7/8" x 3" ✓	Material ... 6x6 wood Thickness ... 3" How fitted ... 7/8" x 1/4" Bearing Surface ... 2 7/8" x 3" ✓	Material ... 6x6 wood Thickness ... 3" How fitted ... 7/8" x 1/4" Bearing Surface ... 2 7/8" x 3" ✓	Material ... 6x6 wood Thickness ... 3" How fitted ... 7/8" x 1/4" Bearing Surface ... 2 7/8" x 3" ✓	Material ... 6x6 wood Thickness ... 3" How fitted ... 7/8" x 1/4" Bearing Surface ... 2 7/8" x 3" ✓		
Spacing of Cleats	24"	24"	24"	24"	24"	24"	None		
Number of Tarpaulins	3	3	3	2	2	2	1		

*Are wood fore and afters steel shod at all bearing surfaces? ☒ Yes.

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 :—

Stokehold gratings covered by strong hinged steel covers. ✓
Fiddley and funnel Ventilators in good Condition ✓
Engine Room skylight of steel strongly constructed ✓

Particulars of Flush Bunker Scuttles :—

None.

Particulars of Companionways :—

Particulars of compartments:—

(Steel)	One Compartment	Long 6'-0" x 3'-6" to Inver Dks with tank door operated from both sides	sill 18' (2) ✓
"	Do.	Do Do Do Do	Do. (4) ✓
(1)	"	One Entrance House under Tole with stairway to Inver Dks and one to Lower Tole crew space with tank door	sill 18' door operates from both sides
(3)	"	each side at after end of Tole houses to Inver Dks with tank door operated from both sides	sill 18' ✓
(6)	"	at after end of casing to Inver Dks with tank door operated from both sides	sill 18' ✓
(5)	"	at Star side of Steam's engine house	sill 18' ✓

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

On Inacostle Is. 2 @ 8" dia. Consuming 36 $\frac{1}{2}$ 30 $\frac{1}{2}$ low tide, open space.
 " Kellin Is. 2 @ 22" " 44 $\frac{1}{2}$ 1" 40 2 Inacostle Is. (hol) (Supports at Kellin Is.)
 " " 1 @ 20" " 34 $\frac{1}{2}$ " 40
 " " 6 @ 22" " 30 $\frac{1}{2}$ " 40 30 Inacostle Is.
 " " 2 @ 20" " 30 $\frac{1}{2}$ " 40
 " " 2 @ 8" " 30 $\frac{1}{2}$ " 30 30 Bunkers
 " " 2 @ 9" " 30 $\frac{1}{2}$ " 30 30 open space

all fitted with wood plugs
and canvas covers. ✓

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

On Boncastle Ik. 1 @ 3' W.S. 24' in height to the peak. with canvas cover ✓
 " Shells Ik. 2 @ 3' 10 ft. " to Sealing Tank. with gauge. ✓
 " " 2 @ 3½' " 7'3" (supports) to Double Btu. Tank with canvas cover. ✓
 " " 1 @ 3' 48' to After peak DO. ✓

Particulars of Gangway Cargo and Coaling Ports :—

None.

Bharatnathi

X Freeing ports in the foremast well & the overboard scuppers from the
 sheeter beam deck have been permanently closed and 15" S.O.N.R. Valves
 operated from the sheeter tiller has been fitted each side of foremast well

Particulars of Scuppers and Sanitary Discharge Pipes:—

2 Scuppers each side from Deck Pl.	3 1/2" pipe	to Storm Valve through side 3'-0" below Deck Pl.
4	3"	
2	3 1/2" dia	with 7" metal Storm Valves.
1 Sanitary Discharge each side	4" dia	from midship lavatories with 7" m. Storm Valves.
1	2"	
1	2 1/2"	
1	2"	after
1	4"	from Crew spaces

Particulars of Side Scuttles:—

In two necks 12" dia fitted with dead lights of substantial construction

Particulars of Guard Rails :—

On Forecastle Stanchions 3'-6" in height spaced 4'-0" apart with 4' rails
 Skelton RR Steel bulwark 3'-6" in height stiffeners 4'-0" to 5'-0" apart
 freeing ports equivalent to convention requirements

Particulars of Gangways, Lifelines, etc.:—

More fitted

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	47.92	7'-3"	2'-0" x 1'-3"	one	2.54	
Forward Well						

State position of each freeing port } After Well:— 16'-3" aft of the 12" above deck Lower edge 17'-8" above keel
(P. 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

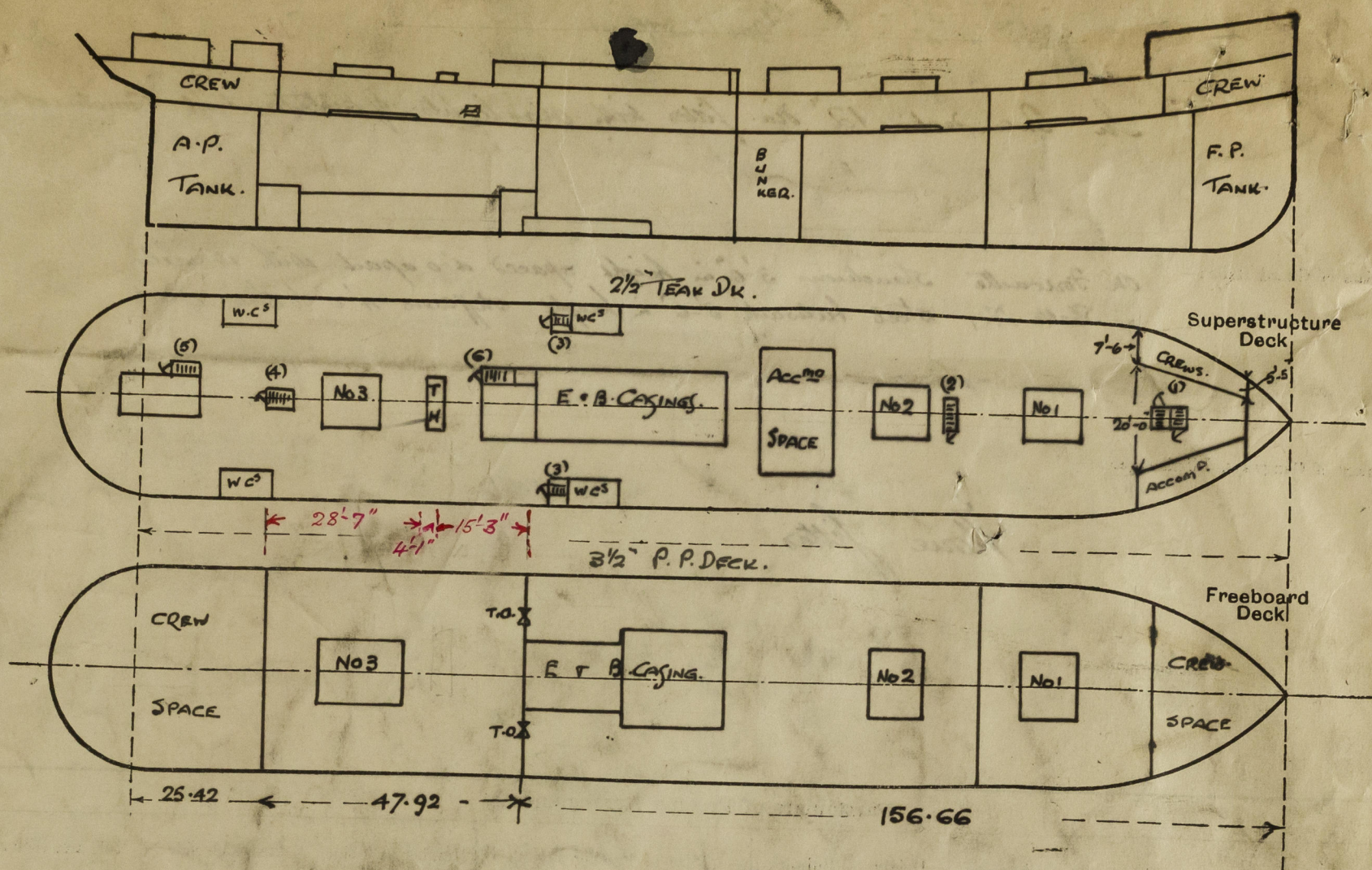
Additional area where sheer is less than standard.

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	26	26	3½ x 3 = 30 ✓	30	None	None	✓	
Raised Quarter Deck, Bulkhead ...								
Bridge, After Bulkhead	21 x 44	30	3½ x 3 = 30 ✓	30	None	4'-3" = 3'-0"	21"	
Bridge, Forward Bulkhead								
Forecastle Bulkhead (None at side)	18 x 27	24	3 x 2½ = 28 ✓	30	None	None	✓	
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...								
Exposed Machinery Casings on Super-structure Decks	21 x 44	30	3½ x 3 = 30 ✓	27" to 30"	Bkts at Top	4'-11" x 2'-2"	21"	7'-6"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	22 x 44	30	3½ x 3 = 30 ✓	27" to 30"	Bkts at Top	None		
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	Shifting boards ^{full height} fitted in channels rivetted to bulkhead
Bridge, Forward Bulkhead	
Forecastle Bulkhead	Open side
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	One hinged tank door each side and one hinged hatch door each side all operated from both sides
	No openings
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:— External displacement at 15'-0" Ex draft = 2619 Tons Tons per inch = 16.88 Tons
Do 16'-0" 2822 " " 17.05 "

This vessel has been surveyed whilst building and will be engaged in the Indian Coasting trade. Winter freeboard not required.

2822
17
2839

Builder's name and yard number

Harland & Wolff Ltd No 925G.

Names of sister ships

None.

Owners

Bombay Steam Navigation Co Ltd.

Exp. Fee £ 8 : 10 : 0

Received by me



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