

Particulars of Classification +100A/



## PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS										
Description of Hatchway	...	...	...	...	...	...	...	...	...	...
Dimensions of Hatchway	...	...	...	...	...	...	...	...	...	...
COAMINGS	Height above Deck	...	...	...	...	...	...	...	...	...
COAMINGS	Thickness Sides	...	...	...	...	...	...	...	...	...
COAMINGS	Stiffeners	...	...	...	...	...	...	...	...	...
COAMINGS	Ends, Stays	...	...	...	...	...	...	...	...	...
HATCH SHAPE	Number	...	...	...	...	...	...	...	...	...
HATCH SHAPE	Spacing	...	...	...	...	...	...	...	...	...
HATCH SHAPE	Seating and Sketch	...	...	...	...	...	...	...	...	...
HATCH SHAPE	Bearing Surface	...	...	...	...	...	...	...	...	...
WORLD AND AFTER	Number	...	...	...	...	...	...	...	...	...
WORLD AND AFTER	Spacing	...	...	...	...	...	...	...	...	...
WORLD AND AFTER	Unsupported Lengths	...	...	...	...	...	...	...	...	...
WORLD AND AFTER	Seating and Sketch	...	...	...	...	...	...	...	...	...
WORLD AND AFTER	Bearing Surface	...	...	...	...	...	...	...	...	...
HATCH COVERS	Material	...	...	...	...	...	...	...	...	...
HATCH COVERS	Thickness	...	...	...	...	...	...	...	...	...
HATCH COVERS	How Stowed	...	...	...	...	...	...	...	...	...
HATCH COVERS	Bearing Surface	...	...	...	...	...	...	...	...	...
Spacing of Cleats	...	...	...	...	...	...	...	...	...	...
Number of Turnbuckles	...	...	...	...	...	...	...	...	...	...
<p>*A/c 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 turnbuckles 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 Hdsry, tunnel and ventilator coamings:— 1 ventilator on top of eng am skylight 16" steel coaming, having 2'-2" steel coaming, 2'-2" wood skylight.  
2 ventilators on top of left fidley casing 5'-0" steel coaming, having 2'-6" x 1/2" steel coaming.  
Tunnel casing this casing 3'-0" high, 2'-6" steel coaming. Tunnel bracketed to casing side & fitted with cape ~~ventilator~~ to casing top.  
Tunnel casing, 14" steel coaming.  
fidley casing 2'-6" steel coaming, casing 7'-10" high.  
note. all these ventilators in line machinery & boiler spaces.

Particulars of Fresh Bunker Scuttles:—

None ✓

Companionway at aft end of bridge deck, leading to engineers accommodation. Deck opening 27' 2 1/2" protected by wood casing 30" x 37" with double door at aft end. Sill 9" 1 3/8" solid teak. Dealer from inside. Deck opening in bridge house to saloon, closed by strong wood door, manipulated from both sides. Door 24" wide, 12" sill, storm boards can be fitted 18" above sill. 1 1/2" thick frame 3/4" thick panels.

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

1 continuous hold & tunnel ventilator  $7\frac{1}{2}"$  steel coaming.  $15\frac{1}{2}"$  dia. ✓  
 1 hold ventilator  $27\frac{1}{2}"$  steel coaming.  $15\frac{1}{2}"$  dia. ✓  
 6 mushroom vents each side to accommodation 1" steel coamings  $15\frac{1}{2}"$  dia. ✓  
 2 hold steam heaters  $27\frac{1}{2}"$  steel coamings.  $15\frac{1}{2}"$  dia. ✓  
 10 mushroom vents to accommodation, 2-5", 2-5" x  $17\frac{1}{2}"$  steel coamings. ✓  
 4 "x  $17\frac{1}{2}"$  steel coamings. ✓

sitions on freeboard, raised quarter, or superstructure decks :-

2 air pipes 18"	No 5 tanks fitted with goose necks 11 1/2" high. ✓	no means are provided for closing air pipes. cannos covers the fuel
2 "	No 4 " " " " 4'-4" " ✓	
2 "	No 3 " flush with bridge deck & fitted with screwed plugs. ✓	
2 "	2 tanks above DB in engine, flush with bridge deck & fitted with screwed plugs. 2 with goose neck 11 1/2" high. ✓	
2 "	No 2 tanks fitted with goose necks 16 1/2" high. ✓	
2 "	No 1 tanks inside fore-castle fitted with goose necks 16 1/2" high. ✓	
Ventilators of Gunway Cargo and Coaling Ports:—		

Particulars of Gangway Cargo and Coaling Ports:—

Particulars of Scuppers and Sanitary Discharge Pipes — *No scuppers or sanitary discharges below freeboard deck.*

No scupper in enclosed superstructures, discharge thro' shell.  
 1 close ditch each side of bridge space fitted with <sup>two</sup> storm valves, each. Inlets situated within bridge space. ✓  
 1 porthole from pantry sink, no cork. Pantry situated in bridge space. ✓  
 Forecastle. 2 close ditch fitted with storm valves, each. Inlets within fore-castle & ditch thro' fore-castle side. ✓

Particulars of Side Scuttles:

Particulars of Side Scuttles :

No side scuttles below freeboard deck.

Side scuttles in bridge space not fitted with dead lights.

"forecastle fitted with hinged dead lights.

Particulars of Guard Rails :—

On R.R.D, Bridge & forecable head. Rails 38" high, stanchions spaced 46" with 4 rails. ✓

Particulars of Gangways, Lifelines, etc. :—

Skull wire lifelines fitted on each  
of the forward and after ~~2~~ wells  
~~and~~ plates fitted to the bulkheads for  
and attachments and the lines tacked  
to the rigging.

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 ... ..	40'-0"	4'-2"	30" x 25½" 27" x 25½"	2	10.1	10½
Forward Well ... ..	69'-6"	4'-2"	2'-0" x 2'-0"	4	16	14

State position of each freeing port. ... } After Well:— *ford ports 5'-3" from fwd. aft port 30" from aft.*  
(P. and A. position and height above deck edge) } Forward Well:— *ports 25'-10" & 42'-0" from fwd. aft ports 6'-4" & 9'-11" from aft.*  
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— *Hinged shutter.*

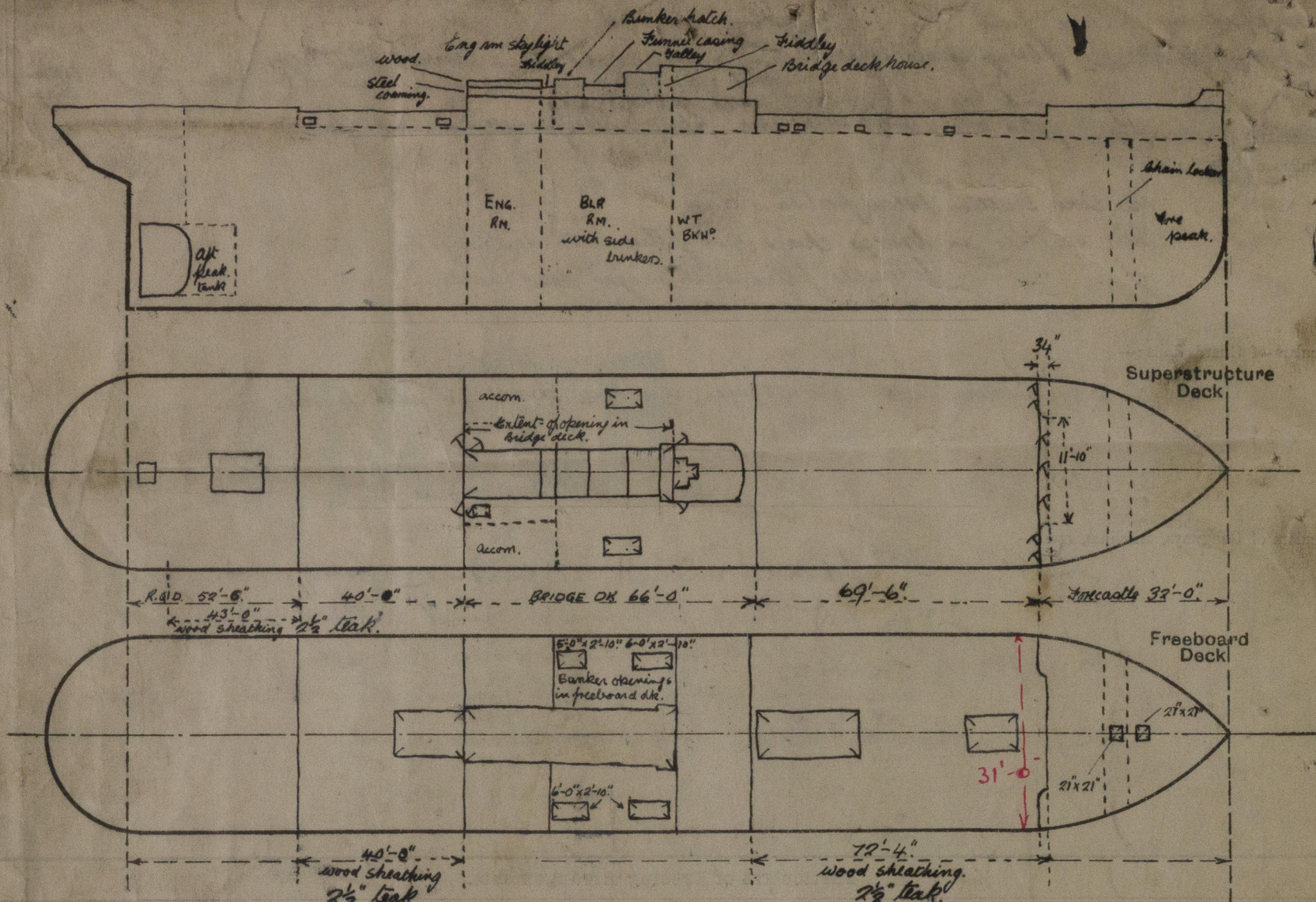
Additional area where sheer is less than standard.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ... ..	✓							
Raised Quarter Deck Bulkhead ...	$\frac{5}{16}$ ✓		$4 \times 3 \times \frac{7}{8}$ angle. ✓	30" ✓	attached to bulkhead boundary bar lower flange & butt. ✓	none ✓		
Bridge, After Bulkhead ...	$\frac{1}{4}$ running from hatch side to bulkhead ✓	$\frac{5}{16}$ ✓	$4 \times 3 \times \frac{3}{4}$ angle at side ✓ $3 \frac{1}{2}$ " H. round bar "center" ✓	21" to 30" ✓ 30" ✓	" not attached. ✓	4'7" x 27" ✓	26 $\frac{1}{2}$ " ✓	
Bridge, Forward Bulkhead ...	$\frac{3}{8}$ ✓	Plated vert. ✓	$4 \times 3 \frac{1}{2} \times \frac{3}{4}$ angle ✓	22" to 36" ✓	attached to boundary bar I.B.E. ✓	none. ✓		
Forecastle Bulkhead ... ..	$\frac{1}{4}$ ✓	Plated vert. ✓	$2 \frac{1}{2} \times 2 \frac{1}{2}$ angle ✓	back side of openings. ✓	1" I.B.E. ✓	1" set to beam, top 6" down 5'-0" x 3'-0" ✓	8" ✓	
Trunk, Aft ... ..			lower part of center portion stiffened by BA & L taking ends of hatch bars ✓		1" I.B.E. ✓	1" set to beam, 1 door 4'-2" x 21" ✓	14" ✓	
Trunk, Forward ... ..								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ... ..	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$2 \frac{1}{2} \times 2 \frac{1}{2}$ angle ✓	33" ✓		straight on from skylight. ✓		
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..		$\frac{1}{4}$ ✓	$4 \times 3 \times \frac{3}{8}$ angle. ✓	30" ✓	attached to boundary bar TV.B. 1 sheet. ✓	4'-3 $\frac{1}{2}$ " x 2'-1" ✓ 5'-2" x 1'-10 $\frac{1}{2}$ " ✓	34" ✓ 14 $\frac{1}{2}$ " ✓	2'-6" to 7'-10" ✓
Deckhouses on Flush Deck Ships ...								

Particulars		Closing Appliances (state if capable of being manipulated from both sides).
Poop Bulkhead ... ..	✓	
Raised Quarter Deck Bulkhead ...		These doors lead to accommodation & can be fastened from inside at all times.
Bridge, After Bulkhead ... ..	Two steel doors <sup>7/8" thick.</sup> (not framed) fitted with turnbuckles to fasten from inside only.	✓
Bridge, Forward Bulkhead ... ..	✓	
Forecastle Bulkhead ... ..	* 7 solid PP doors 1 3/8" thick, which can be manipulated from either side.	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓	
Exposed Machinery Casings on Superstructure Decks ... ..	Opening this'ong skylight closed by solid teak door 1 1/2" thick. Top & sidley openings closed by solid teak door 3/4" thick manipulated from either side.	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	1 single pilate steel door 1/4" thick, each side, which can be fastened from each side.	✓
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:

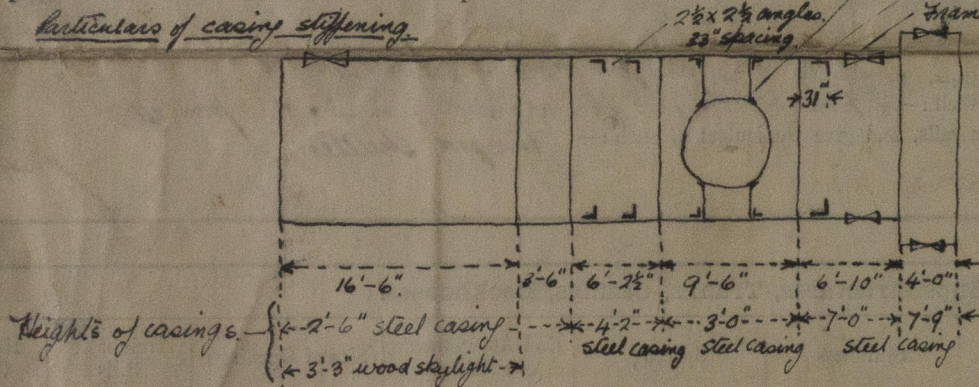


FILE

LEN = 32.0

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

Particulars of casing stiffening



$$\text{DEDUCT } \frac{11.83 \times 2.83}{31} = 1.08$$

30.92

$$\therefore \text{Equi encl} = 30.92$$

$$\text{O.H.} = 1.08$$

$$L/10 = 2.6$$

$$.75 \times \frac{2}{3} + \frac{1}{3} = .5$$

$$\text{T.P.I.} = \frac{.83 \times 160 \times 35.37}{420} = 18.17$$

$$85\% \text{ wld} = 16.93$$

$$= 16.11 + \Delta = 3336 + \text{T.P.I.} = 18.17$$

$$\frac{\text{F.W.}}{\text{m}^3} = 17.6$$

$$7 \times 18.2 = 127$$

$$\frac{3336}{3463}$$

$$\Delta = 3463 + \text{T.P.I.} = 18.2$$

Builder's name and yard number

Names of sister ships

Owners

Fee £ 8 : 10 : 0

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