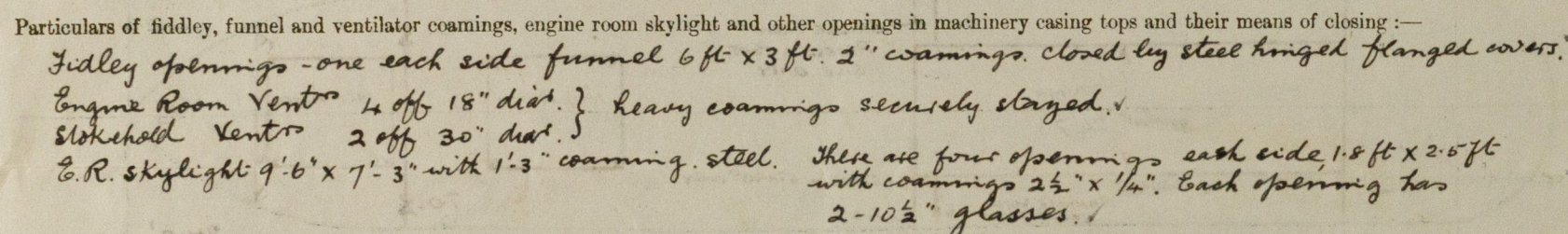






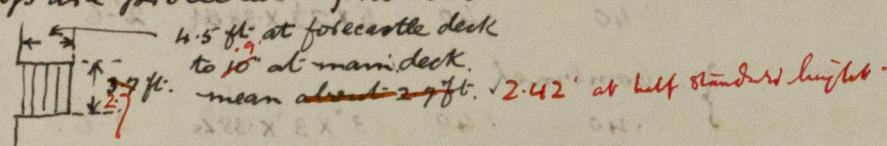
The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



Particulars of Companionways:—

Engine Room entrances on Bridge deck a stairway to <sup>across</sup> accommodation in poop are protected by houses with sills 16½ high.

Stairway sills to forecabin head 4.5 ft. at forecabin deck



3 Ventr. on foreccastle leading to foreccastle 9" dia<sup>t</sup>. with 30' coaming 3/8 thick.  
 2 " " " " No 1 hold 18" " " " "  
 2 Gooseneck vents on f/cslr 4" dia<sup>t</sup>. 22" sill, with hinged covers to storerooms.  
 3 " " on each side of bridge deck 4" dia<sup>t</sup>. 22" sill with hinged covers to storerooms & workshops.  
 1 Ventr. 18" dia<sup>t</sup>, leading to after holdy abaft midships erections & trunked thro' deck house, coaming  
 2 Ventr. 18" " " fitted on trunk on R & D. about 14 ft high stayed to mast. 30' above last deck.  
 2 " 18" " " " " abaft No 14 hatchway 30' coaming 3/8 thick.  
 2 Gooseneck ventrs. on poop 3" dia<sup>t</sup>. 36" sill with hinged covers  
 1 " vent<sup>r</sup>. " aft on centre line 4" dia<sup>t</sup>. 36" sill to steering gear house.  
 1 Ventr. 11" dia<sup>t</sup>. 22" coaming 3/8 thick to tunnel escape.  
 All ordinary ventilators are closed with wood plugs & canvas covers.

On foreccastle 2-3 1/2 to fore peak tank 26" sill  
" " 2-2 1/2 to No 1 tank 15" sill. ✓  
On Bridge deck 2-2 1/2 at centre line to No 2 & 3 tanks 15" sill  
" " 3-2 on each side fore. } to No 4 to 10 tanks all 3 ft. high.  
" " 7-2 " " " amidships }  
On R & Deck 1-2 " " " } to No 11 to 15 tanks all 3 ft. high. ✓  
" " 2-2 " " " }  
" " 2-2 " " " }  
On Poo's 2-2 to No 16 tank } 30" high. ✓ All air pipes closed with plugs & canvas covers.  
2-2 to after peak tank }

None.

Crown Arum

# RETAIN

Plans of Scuppers and Sanitary Discharge Pipes:—  
 At after end of foreccastle 3-2½" scupper forges led made bulkhead to just above floor deck.  
 " " " " bridge deck 2-2½" " " " " 12" below bridge deck.  
 Sanitary discharge on port side after end of foreccastle 3 7/8" dia led below freeboard deck fitted with non-return storm valve.  
 Three ditto. port side amidships but with sills 19" above freeboard deck.  
 One ditto starboard " " " " " " " " " " " "

ulars of Side Scuttles:—

In forecassle 3-10" scuttles each side, opening type  $\frac{3}{8}$  glass, fitted with dead lights.

3-10" " on after bulk head.

In Bridge Space 2-10" Scuttles with dead lights in Engineers workshop port side.

In Poop. 5-10" scuttles starb. } fitted with dead lights.  
4-10" " port }

On forecastle Height of Rails 3.6 ft. 3 rails with stanchions about 4 ft. apart.  
On Poops. " " 3.4 ft. do. " " " " " "

3" Lifelines on board. v

RETAIN

Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
BRIDGE						
After Well ... ..	114.75'	3.2'	$\begin{cases} 5.0 \times 7.5 \\ 4.0 \times 7.5 \end{cases}$	$\begin{cases} 1 \text{ off} \\ 2 \text{ off} \end{cases}$		
	91.5'	4.0'				
Forward Well ... ..	36.9'	4.5'	$\begin{cases} 2.85 \times 1.5 \\ 5 \times 5 \text{ square scupper} \end{cases}$	$\begin{cases} 4 \text{ off} \\ 1 \text{ off} \end{cases}$	$\begin{cases} 17.0 \text{ sq} \\ 1.8 \text{ sq} \end{cases}$	$\begin{cases} 18.3 \text{ sq} \\ 10.2 \text{ sq} \end{cases}$
			$\begin{cases} 6.5 \times 7.5 \\ 5 \times 5 \text{ square scupper} \end{cases}$	$\begin{cases} 2 \text{ off} \\ 1 \text{ off} \end{cases}$	$\begin{cases} 9.75 \text{ sq} \\ 1.8 \text{ sq} \end{cases}$	

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.

Freeing ports on well & bridge deck - open &  
" " " R.Q.D. fitted with hinged shutters.



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
Description of Hatchway		Well No 1	Bridge deck No 2	On R & D. No 3	No 4	Fore No 2	On f' side	In f' side	Reserve Bunkers Bt. 31	Boat Bt. Bunkers	Saddle Back
Dimensions of Hatchway		31'-6" x 24'-7"	33'-7" x 24'-7"	33'-7" x 24'-7"	31'-6" x 24'-7"	33'-7" x 24'-7"	1'-9" x 1'-9"	2'-0" x 2'-0"	2'-6" x 1'-6"	2'-0" x 1'-6"	4'-0" x 1'-6"
COAMINGS	Height above Deck	4'-3"	3'-2"	4'-3"	4'-3"	13"	2'-9"	2'-0"	2'-9"	2'-9"	1'-6"
	Thickness	1/2"	1/2"	1/2"	1/2"	44"	32"	32"	1/2"	38"	38"
	Stiffeners	8" x 3 1/2" x 38"	8" x 3 1/2" x 38"	11" x 3" x 38"	Same as 3.	✓	✓	✓	✓	✓	✓
	Brackets, Stays	3 each side	3 each side	3 each side	3 each side	✓	✓	✓	✓	✓	✓
HATCH BEAMS	Number	4	4	4	4	4	4	4	4	4	4
	Spacing	6'-3 1/2"	6'-8 1/2"	6'-8 1/2"	6'-3 1/2"	6'-8 1/2"	6'-8 1/2"	6'-8 1/2"	6'-8 1/2"	6'-8 1/2"	6'-8 1/2"
	Scantling and Sketch	Depth 2 1/8" Flange 7 7/8" 3/4" thick	Depth 1 1/2" Flange 7" 5/8" thick	Same as No 1	Same as No 1	Same as No 1	Same as No 1	Same as No 1	Same as No 1	Same as No 1	Same as No 1
	Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
FORE AND AFTERS	Number										
	Spacing										
	Unsupported Lengths										
	Scantling* and Sketch										
Bearing Surface											
HATCH COVERS	Material	Wood	Same	Same	Same	Same	See	See	Wood	Wood	Wood
	Thickness	3"	as	as	as	as	above	above	2 1/2"	2 1/2"	2 1/2"
	How fitted	4.4 A.	No 1	No 1	No 1	No 1	above	above	4.4 A.	4.4 A.	1-7 A.
	Bearing Surface	3"	No 1	No 1	No 1	No 1	above	above	3"	3"	3"
Spacing of Cleats		21"	20"	20"	20"	25"	✓	✓	21"	20"	21"
Number of Tarpaulins		2	2	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?											
Are tarpaulins in good condition and in accordance with rule requirements?											
Are lashings provided in accordance with rule requirements?											

Particulars of any special features:—

All midships C.D.B. tanks have W.T. centre divisions.  
 Timber lashings are 3/4" chain with ship hooks at centre.

Timber Fittings:—

Deck Sockets

3" deep x 3" thick  
 welded to deck.  
 spaced 1' apart.

Eye-plates

2 7/8 holes  
 7/8 plate  
 5-7/8 rivets  
 15"  
 3'-9" from bridge ends  
 spaced about 9' apart.

Clamps on

bulwarks to  
 correspond  
 with eye plates.

no steering rods or chains.  
 (Electric steering gear aft)

Endorsement at first survey and at surveys for renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.

John Houston



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 Foundation