

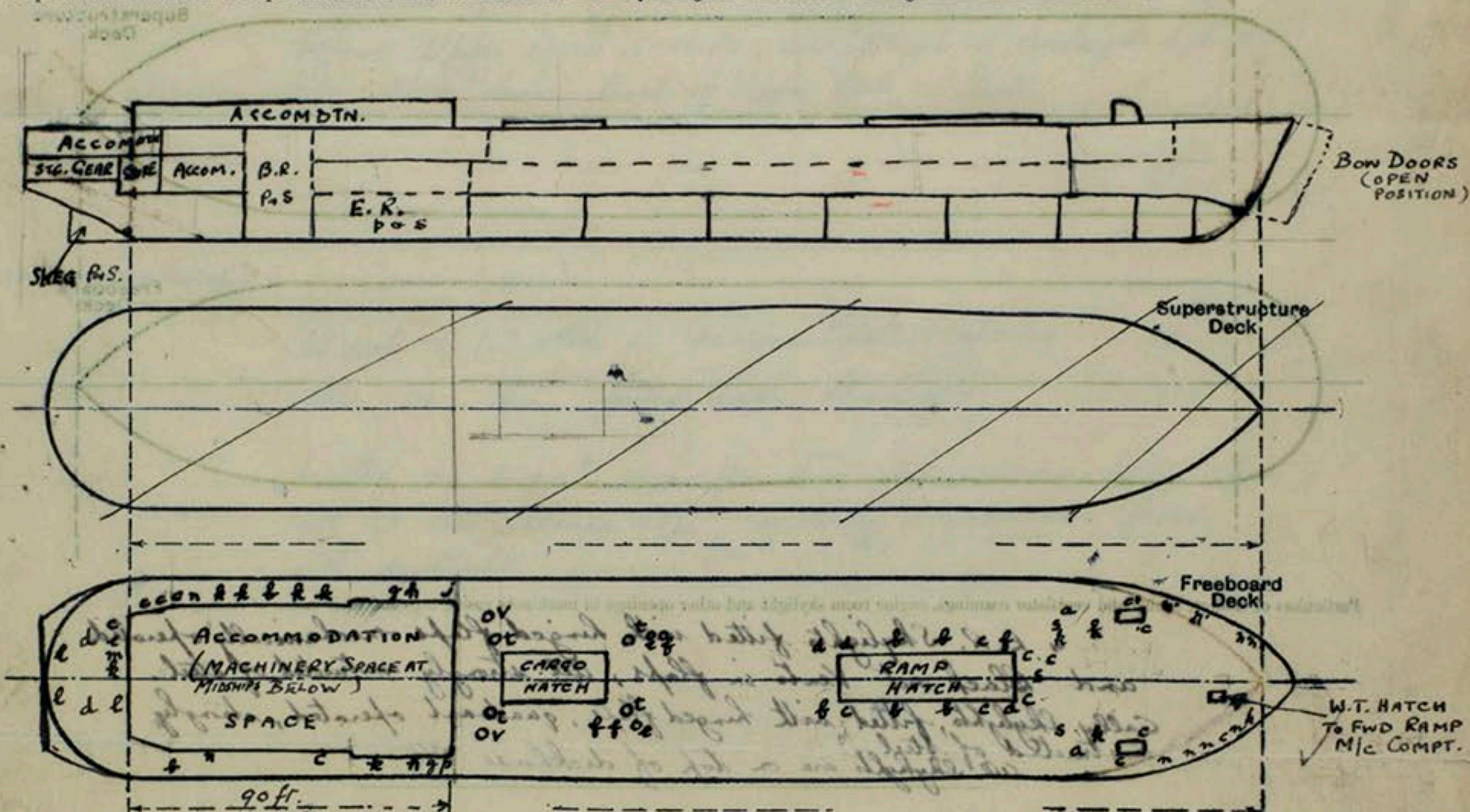
# Lloyd's Register of Shipping.

 Index No. 38683.  
 (For London Office only).  
 FEB. 2194

## SURVEYS FOR FREEBOARD. (CONDITIONS OF ASSIGNMENT.)

Ship's Name EMPIRE BALTIC (L.S.T. 3519) Port of Survey London  
 Official Number 180942 Surveyor's Signature C. Lloyd Roberts  
 Nationality and Port of Registry British, London Date of Survey 20th, 21st, 28th & 29th Aug. 1946

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



For particulars of vents, as indicated by letters, see page 2.

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 ...	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓							
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead ...	✓							
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 ...	✓							
Deckhouses on Flush Deck Ships ...	✓	3 1/4"	3" x 2" x 4" plating	2' 0"	Bkts at Top. 3P, 2S, 5'0" x 2'6"	Bdy Bn. alt. at Alt. 1P, 1S, 5'0" x 2'0"	1-3"	7'-9"

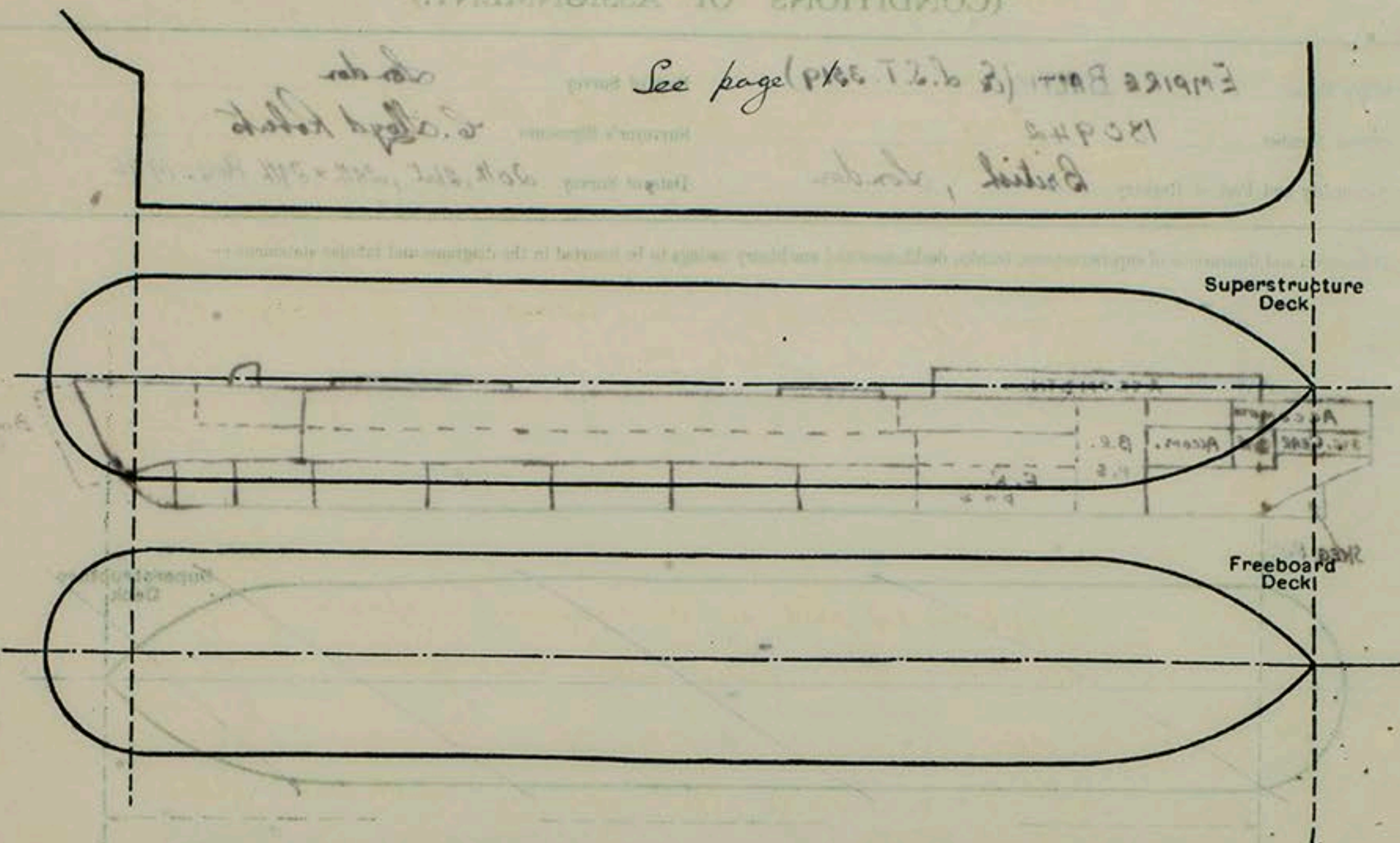
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	
Bridge, Forward Bulkhead ...	
Forecastle Bulkhead ...	
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 ...	
Deckhouses on Flush Deck Ships ...	Steel W.T. Doors, operated both sides - Sills 15" high



### PARTICULARS OF PROTECTION TO OPENINGS, ETC.

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 fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:

2 E.R. Skylights fitted with hinged flaps mechanically operated and Black-out Vents in flaps. All strongly constructed of steel. Galley Skylights, fitted with hinged flaps, quadrant operated, strongly constructed of steel. All skylights are on top of deckhouse aft.

Particulars of Flush Bunker Scuttles:—

more fitted

Particulars of Companionways:—

Two on Fore Deck - strongly constructed of Steel  
with Steel W. T. Doors operated both sides - Sills 18" high.

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

Particulars of ventilators in exposed positions on freeboard and superstructure decks :-			
Cowl	(A)	24" dia	coamings 2'-6" above deck
Portable mushroom	(B)	10" x 10"	" " " "
"	(C)	8" x 8"	" " " "
"	(D)	14" x 10"	" " " "
"	(E)	13 1/4" x 13 1/4"	" " " "
"	(F)	10 1/2" x 10 1/2"	" " " "
"	(G)	14 1/4" x 7"	" " " "
"	(H)	20" x 7"	" " " "
"	(I)	28 1/2" x 7"	" " " "
"	(J)	6" x 6"	" " " "
"	(K)	12" x 12"	" " " "
"	(L)	24" x 12"	" " " "
<p>G.N. (N) 5" x 5" SH. - 6" to mouth.</p> <p>P.M. (D) 16" x 10" coamings 11" above deck</p> <p>Cowl (S) 15" dia " 2'-6" " "</p> <p>Over Top (T) 48" dia - Steel of strong construction Conical Top 9'-6" above deck.</p> <p>M. Top (V) 33" dia on Sameon Post - 28'-0" above Deck. ✓</p> <p>All ventilators fitted with steel lids and Canvas covers.</p>			

All ventilators fitted with steel lids and Canvas covers.

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

Ballast Tank Vents - 26 off (13 L & 13 S) 3 1/2" dia with N.R. Valve in ship's side 2'-0" below U.Dk.

2-2" to cofferdam (1/4 15) fitted in the same manner.

2 - 3" G.N. to F.W. Tanks - mouth 1'-10" above deck

4 - 2 1/2 G.N to After Peaks - " 1'-10" " "

4-2" G.N to O.F. Settling Tanks " 1'-10" " "

5-2" G.N. to Oil & F.W. Tanks . 1'-10" " "

All fitted with Gauges  
or Wood plugs & Canvas Covers.



Particulars of Gangway Cargo and Coaling Ports:—

Bow Doors at Forward end forming Stem when closed  
Water tight Ramp hinged up abaft these doors when  
doors are closed (at sea).

Particulars of Scuppers and Sanitary Discharge Pipes:—

2" Scuppers in stringer plate of Upper Deck discharging outside  
through H. Steel bends at 6" below deck.

6" or Steel Storm valves from W.C.s, Washplaces, Pantries & Galley etc.  
discharges fitted in ship's side - lowest position 14ft  
below Upper Deck at centre; inboard end of discharges not more  
than 8'-0" below level of Upper Deck at Centre.

Particulars of Side Scuttles:—

12 port & 12 stbd in accommodation spaces  
all 10" dia. fitted with deadlights

6 Stbd & 8 port in upper tween dk accommodation spaces  
all 16" dia. escape type, of strong construction fitted  
with deadlights

Vertical distance of Sill of lowest Side Scuttle above top of keel

23'-6"

Particulars of Guard Rails:—

Angle stanchions 8ft apart with three  
rows of Steel wires stretched between

Particulars of Gangways, Lifelines, etc.:—

Lifelines provided for fitting from Deckhouse Aft  
to Forward Companionway - Access provided through tween decks  
from aft to Forward.

Particulars of Freeing Arrangements.

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 ... ..			Open Rails			
Forward Well ... ..						
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 PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		After Longo Hatch	Forward Hatch	Forward Hatch					
Dimensions of Hatchway		2'6" x 16'9"	4'8" x 12'0"	3'0" x 2'6"					
COAMINGS	Height above Deck	2'0"	1'6"	6"					
	Thickness	3/8"	3/8"	3/8"					
	Sides	3/8"	3/8"	3/8"					
	Stiffeners	3/8"	3/8"	3/8"					
HATCH BEAMS	Number	4	11						
	Spacing	5'3"	4'0"						
	Scantling and Sketch	5' x 4'0"	6' x 4'0"						
	Bearing Surface	3"	3"						
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling and Sketch								
HATCH COVERS	Material	Wood	Wood	Steel					
	Thickness	2 1/2"	2 1/2"	3/8"					
	How fitted	F & A	F & A	6 angles					
	Bearing Surface	2 1/2"	2 1/2"	1/2" plates					
Spacing of Cleats		24"	24"						
Number of Tarpaulins		2	2						
<p>*Are 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 tarpaulins in good condition and in accordance with rule requirements? <i>Yes</i></p> <p>Are lashings provided in accordance with rule requirements? <i>Yes, Locking Bars.</i></p>									

Particulars of any special features:—

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.