

Tropical Fresh Water Freeboard
Fresh Water	"	...
Tropical	"	...
Winter	"	...
Winter North Atlantic	"	...

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS									
Description of Hatchway	5.0.11. H. 20 Manholes m.c. tanks wing tanks	✓	✓	✓	✓	✓	✓	✓	✓
Dimensions of Hatchway	3' x 3' 6" 1' 4" x 1' 3"	✓	✓	✓	✓	✓	✓	✓	✓
COAMINGS	Height above Deck 6' x 3 1/2" x 1/4" x 1/4" of Cast	✓	✓	✓	✓	✓	✓	✓	✓
Thickness	3/8"	✓	✓	✓	✓	✓	✓	✓	✓
Stiffeners	1st bar strongly ribbed	✓	✓	✓	✓	✓	✓	✓	✓
Brackets, Stays	3 1/2" x 1/2"	✓	✓	✓	✓	✓	✓	✓	✓
HATCH BEAMS	Number	✓	✓	✓	✓	✓	✓	✓	✓
Spacing	around inside of coaming with 1 inch distance piece for packing	✓	✓	✓	✓	✓	✓	✓	✓
Scantling and Sketch		✓	✓	✓	✓	✓	✓	✓	✓
Bearing Surface		✓	✓	✓	✓	✓	✓	✓	✓
FORE AND AFTERS	Number	✓	✓	✓	✓	✓	✓	✓	✓
Spacing	3/8" with one angle	✓	✓	✓	✓	✓	✓	✓	✓
Unsupported Lengths	stiffener 1/2" x 3/4" and covers secured by 12	✓	✓	✓	✓	✓	✓	✓	✓
Scantling and Sketch		✓	✓	✓	✓	✓	✓	✓	✓
Bearing Surface		✓	✓	✓	✓	✓	✓	✓	✓
HATCH COVERS	Material	✓	✓	✓	✓	✓	✓	✓	✓
Thickness	3/8"	✓	✓	✓	✓	✓	✓	✓	✓
How fitted	hinged	✓	✓	✓	✓	✓	✓	✓	✓
Bearing Surface		✓	✓	✓	✓	✓	✓	✓	✓
Spacing of Cleats		✓	✓	✓	✓	✓	✓	✓	✓
Number of Tarpaulins		✓	✓	✓	✓	✓	✓	✓	✓

*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 fiddle, funnel and ventilator coamings:—

Engine and fire-room ventilators and funnel in efficient condition. Fiddle enclosed.

Particulars of Flush Bunker Scuttles:—

none

Particulars of Companionways:—

Companionway to Steering Engine & Eng's bath-room on port side and to crew bath-rooms etc and Stewards store on starboard side from the superstructure deck. Companionways fitted with wood doors of strong construction with 18" sill and capable of being manipulated from both sides.

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

Forecastle Deck. 2-12 inch. 36" x 5/16" coaming to Pump Room P & S.
 Trunk Top. 2-6 inch. 24" x 1/4" " " Cofferdam aft.
 Poop Deck. 1-9 inch. 24" x 1/4" " " Crew Mess room.
 " " 1-12 inch. 30" x 5/16" " " Steering Gear.

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

Forecastle Deck. 2-3 inch to fore peak tank. 6 ins above deck.
 " " 2-8" x 1/4" " Paint & Lamp Room. 26 ins " "
 " " 2- Bollards with 8" vents from fore peak flat.
 Trunk Top. 5-14 inch with wire gauge on m.c. hatch. 24" above.
 " " 2-2 inch to cofferdam under officers acc. 14 1/2" above.

(Particulars of Gangway Cargo and Coaling Ports:—)

none

Freeboard Deck. 4-4 inch to wing ballast tanks. 11 ft above deck
 6-4 inch " wing air spaces. 4 ft " "
 10-2 inch air & sound to wing tanks. 14 ft " "
 2-4 inch air & sound to fuel oil tanks. 14 1/2" " "
 Poop Deck. 2-3 inch air & filling A.P. tank. 8 ins above deck.
 1-8" x 1/4" to Eng's Bathroom. 24" " " "
 1-8" x 1/4" " Crew. 24" " " "
 2-2 inch to Feed tank. 12" " " "
 16- Bollards with vents from Steering Engine etc.

Particulars of Scuppers and Sanitary Discharge Pipes:— 3-4 inch: storm discharge valves on ships side from officers, engineers and crew W.C.s. Storm valves from 1 1/2" to 3" on all remaining discharges from scuppers wash basins etc, also efficient traps fitted at the inboard end of wash basins. all storm valves of cast brass with brass valve faced with leather and brass pin.

Particulars of Side Scuttles:—

all side scuttles fitted with efficient hinged doors with hinges covers permanently attached.

Particulars of Guard Rails:—

Forecastle Deck. 3' 6" high. 3 rails stanchions spaced 4 to 5 ft
 Trunk Top. 3' 6" " 2 " " " "
 Freeboard Deck. 3' 6" " 2 " " " "
 Poop Deck. 5' 6" " 3 " " " "

Particulars of Gangways, Lifelines, etc.:—

Trunk top forms a gangway between the poop and the forecastle.

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 on all weather decks.					
Forward Well						

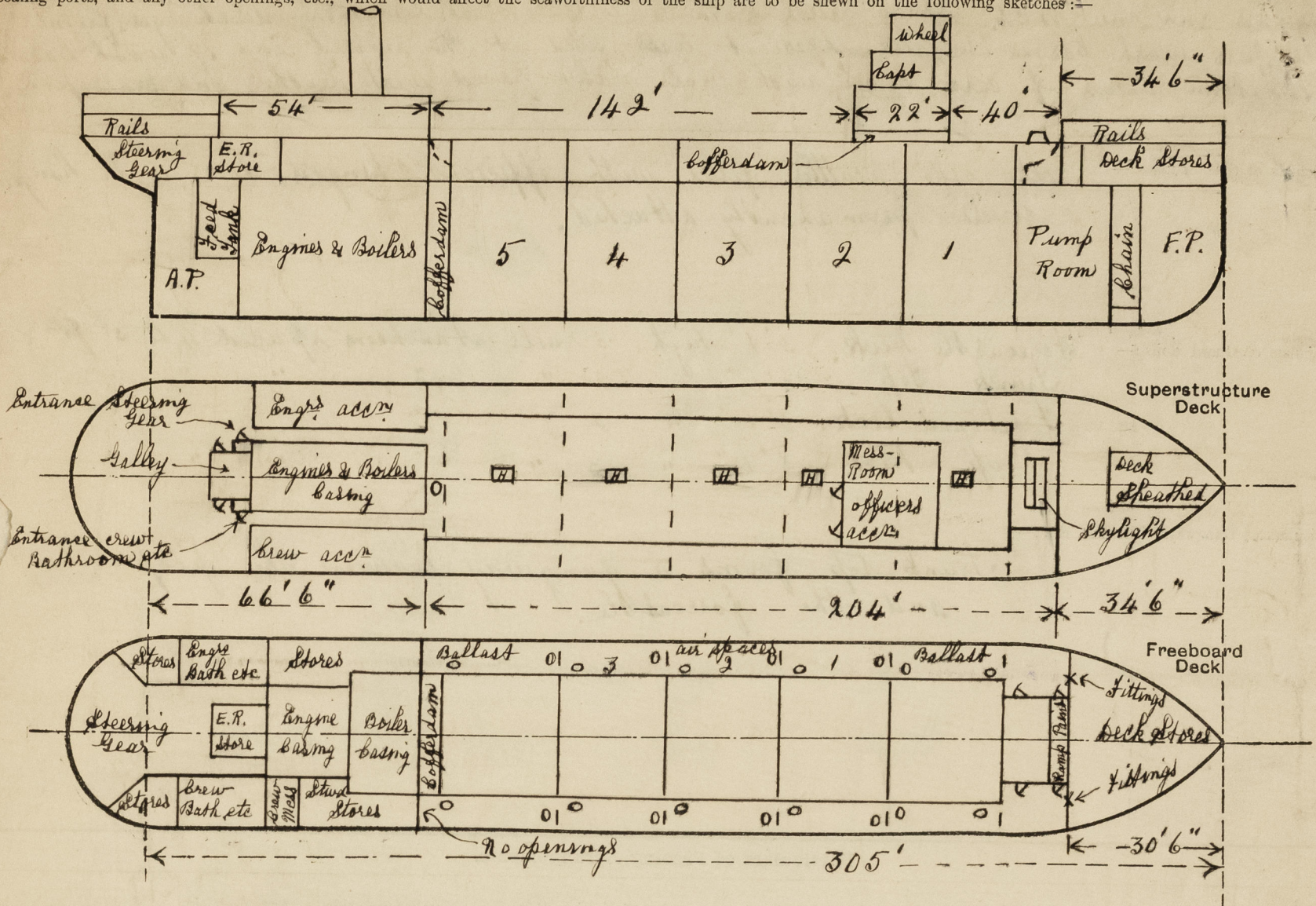
State position of each freeing port (F. and A. position and height above deck edge) } After Well:—
 Forward Well:—
 State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:—
 Additional area where sheer is less than standard.

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	4 1/4"	30 top 38 bottom	6 x 3 x 4 1/2 BA	23"	Bkt	✓	✓	7' 0"
Raised Quarter Deck Bulkhead	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead	3 1/2 x 3 1/2 BA	26	3 x 3 x 30	33"	Bkt	2-2' 3" x 1' 6" manhole door 16 x 14 to Coff	2' 4"	14' 6"
Bridge, Forward Bulkhead	"	"	"	"	"	✓	✓	✓
Forecastle Bulkhead	3 1/2 x 3 1/2 BA	30	Hinged 4 ins	32	✓	3' x 5'	16"	7' 0"
Trunk, Aft	5 x 5 x 40	4 1/4"	5 1/2 x 3 x 36 BA	24	Bkt	✓	✓	7' 0"
Trunk, Forward	"	"	"	"	"	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Superstructure Decks	6 x 5 x 40	26 & 28	3 x 3 x 32	24	✓	✓	✓	7' 5"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓	✓	✓	✓	✓	✓	✓	✓
Casings on Flush Deck Ships	✓	✓	✓	✓	✓	✓	✓	✓

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

Bulkhead	No openings
Quarter Deck Bulkhead	✓
Bridge, After Bulkhead	Two wooden doors to officers acc & bathroom capable of being manipulated both sides
Bridge, Forward Bulkhead	No opening except manhole to cofferdam under officers acc.
Forecastle Bulkhead	Sliding boards secured in riveted channels for the full height.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	No openings.
Exposed Machinery Casings on Superstructure Decks	Steel doors P & S with 15" sills to pump-room paint-room and lamp-room. Entrances from the freeboard deck and doors capable of being manipulated from both sides.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	
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:—

The vessel surveyed while lying afloat and part gas free.

Builder's name and yard number *Harland & Wolff Ltd Belfast.* Hull No *699*
 Names of sister ships *"Inverrosa"; "Inverruba"; "Invercaibo."*
 Owners *Lago Shipping Co Ltd (A. Weir & Co Mgrs).*
 Fee *£ 60 00* Received by me *have. have.*



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