

Preliminary Freeboard Particulars as supplied by Builders.

Index No. 34371 (For London Office only.)

Lloyd's Register of Shipping. SURVEYS FOR FREEBOARD.

GLASGOW REPORT No. 53737

Computation of Freeboard for Steamer, Sailing Ship, Tanker having Poop Bridge & Fo'c'sle. Port of Survey Glasgow. Date of Survey 9th Aug. 1933. Name of Surveyor A.W. Paterson.

Table with columns: Depth for Freeboard (D), Depth correction, Round of Beam correction. Includes calculations for moulded depth, stringer plate, sheathing, and beam correction.

DEDUCTION FOR SUPERSTRUCTURES.

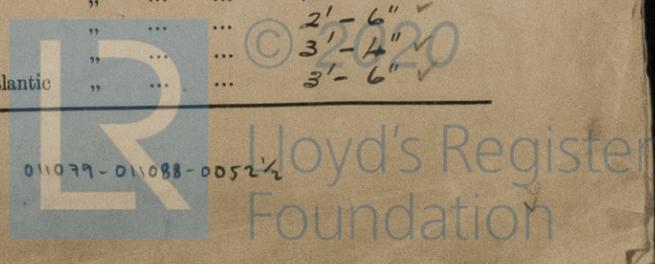
Table with columns: Mean Covered Length (S), Equivalent Enclosed Length (S1), Height, Height Correction, Effective Length (E). Lists deductions for Poop, R.Q.D., Bridge, F'c'sle, Trunk, and Tonnage openings.

SHEER CORRECTION.

Table with columns: Station, Standard Ordinate, S, Product, Actual Ordinate, Effective Ordinate, S, Product. Includes correction calculation based on difference between sums of products.

Complex table for Deduction for Tropical Freeboard, Deduction for Fresh Water, and TABULAR FREEBOARD. Includes calculations for displacement, immersion, and various corrections.

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line. Lists various lines and their heights: Tropical Fresh Water, Fresh Water, Tropical, Winter, Winter North Atlantic.



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS									
Description of Hatchway									
Dimensions of Hatchway									
COAMINGS	Height above Deck								
	Thickness	Sides	Ends						
	Stiffeners								
	Brackets, Stays								
HATCH BEAMS	Number								
	Spacing								
	Scantling and Sketch								
FORE AND AFTERS	Bearing Surface								
	Number								
	Spacing								
	Unsupported Lengths								
HATCH COVERS	Scantling* and Sketch								
	Bearing Surface								
	Material								
	Thickness								
Spacing of Cleats	How fitted								
	Bearing Surface								
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 fiddley, funnel and ventilator coamings :-

Particulars of Flush Bunker Scuttles :-

Particulars of Companionways :-

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

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

Particulars of Gangway Cargo and Coaling Ports :-

Particulars of Scuppers and Sanitary Discharge Pipes :-

Particulars of Side Scuttles :-

Particulars of Guard Rails :-

Particulars of Gangways, Lifelines, etc. :-

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						
Forward Well						

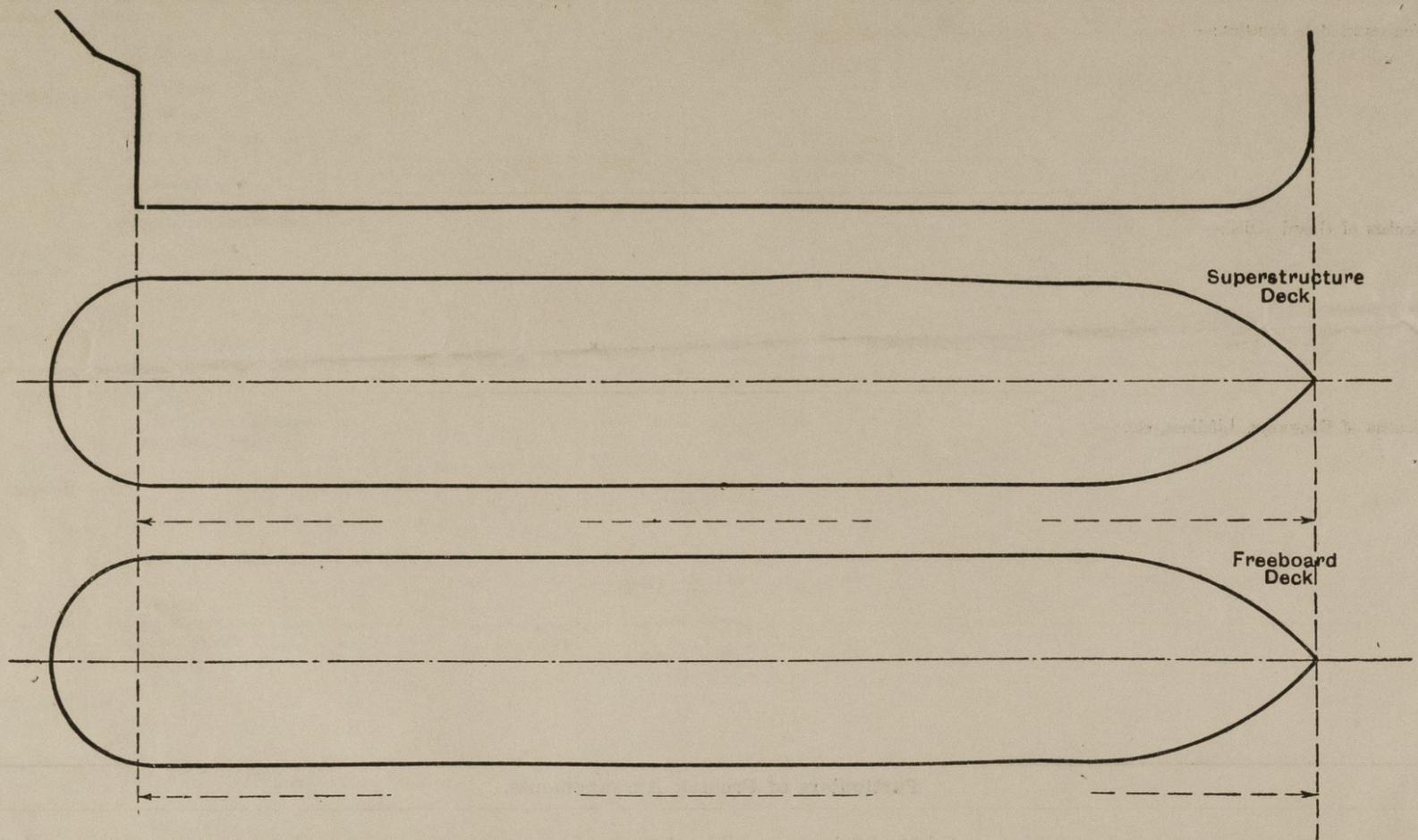
State position of each freeing port ... } After Well :-
 (F. and A. position and height above deck edge) } Forward Well :-
 State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :-
 Additional area where sheer is less than standard.

Particulars of 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								

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

Poop Bulkhead	Class II closing appliances
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	no openings
Bridge, Forward Bulkhead	no openings
Forecastle Bulkhead	Class II closing appliances
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	

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:—

Timber freeboard required.

*Draught
20'
21'*

*Est displ.
4660
4970*

Tons per inch 23.3

Freeboard request form herewith, also midship section and profile plans for reference. Note. These plans are not yet approved but are at present being dealt with.

Builder's name and yard number *Alexander Stephens & Sons Ltd. No 538.*

Names of sister ships *✓*

Owners *The Union Steamship Co. of New Zealand.*

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Received by me



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