

Lloyd's Register of Shipping. SURVEYS FOR FREEBOARD.—STEAM SHIPS.

32099

21 JUL 1926 No 18583.

EXTRA WRITTEN COPY

REGULATIONS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Greenock. Date of Survey while building. Name of Surveyor A.W. W. Rab.

Ship's Name: S.S. DALBLAIR. Port of Registry and Nationality: British. Official Number: 149413. Gross Tonnage: 4207.87. Date of Build: 1926. Particulars of Classification: 100 A1. "WITH FREEBOARD" (class contemplated).

Table with columns: Registered dimensions from Ship's Register, LENGTH, BREADTH, DEPTH, UNDER DECK TONNAGE. Values: 406.5, 54.1, 24.95, 4207.87.

Moulded Depth as measured: 27' 3". Addition for Keel below base line for draught record: 1 1/2 inches.

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

Co-efficient of fineness: .7842. Any modification necessary: -102. Co-efficient as corrected: .76.

CORRECTION FOR LENGTH table. Length of Ship on Loadline: 405.0. Length in Table: 329.0. Difference: 76.0.

Sheer at Stem: 66. Sheer at Sternpost: 50. Mean: 58. Sheer at 1/3 of the length from Stem: 36 1/2. Mean: 31.75.

CORRECTION FOR IRON DECK. Proportion covered, if less than 1/10ths length covered: 10.92. Thickness of usual wood deck, less stringer: -3 1/2.

Rise in Sheer from amidships: At front of bridge house: checked. At after end of forecastle: checked.

CORRECTION FOR ROUND OF BEAM table. Breadth at Gunwale amidships: 53.32. Round of Beam: 13 1/2. Normal round: 13 3/8.

Fall in Sheer: Para. 18 (d). Length uncovered: checked. Correction: -1 3/4.

Freeboard calculations table. Freeboard, Table A: 6' 5 1/4. Correction for Sheer: -1 1/4. Correction for Length: +5 1/2. Allowance for Deck Erections: -2' 9".

ALLOWANCE FOR DECK ERECTIONS table. Freeboard, Table C: 3' 4 1/2. Correction for Length, if required: checked. Freeboard by Table A, corrected for sheer, and for length, if required: 6' 3 1/2.

Table with columns: Length, Length allowed, Height. Forecastle: 368.0, 368.0, 7' 9". Bridge House: 5.0, 2.5. Poop: 32.0, 32.0. Total: 402.5, 405.0, 9938.

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. Winter Freeboard: 3' 8 1/2. Summer Freeboard: 3' 3".

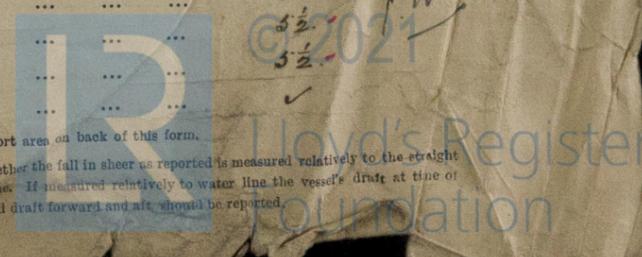
FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck. Fresh Water Line: above centre of Disc. Indian Summer Line: below. Winter Line: below. Winter North Atlantic Line: below.

If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible. In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops and the height of the R.Q.D. is to be taken from the level of the top of the main beam.

State dimensions of freeing port area on back of this form. The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft, should be reported.

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Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *yes* Bridge House? *yes* Forecastle? *yes*  
 To what height do the Reverse Frames extend? *Bull angle framing*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*  
 Give particulars of the means for closing the openings in Bulkhead *no openings*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *Shelter deck* Has the Bridge House an efficient Bulkhead at the fore end? *yes*  
 Give particulars of the means for closing the openings in Bulkhead *yes*  
 What is the thickness of the Bridge Front plating? *yes* and Coaming plate? *yes*  
 Give scantlings and spacing of the Stiffeners *yes*  
 Are bracket plates fitted at each end of the Stiffeners? *yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*  
 How are the openings closed? *by shifting boards, full height fitted into channels riveted to bulkhead*  
 Is the Forecastle at least as high as the main or top-gallant rail? *yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *yes*  
 Are the Engine and Boiler openings covered by a <sup>SHUTTER DECK</sup> Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *yes*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *yes*  
 Give thickness of plating; scantlings and spacing of Stiffeners *yes*  
 What is the height of the exposed Casings? *yes* Are suitable means provided for closing all openings in them in bad weather? *yes*  
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below: *yes*

Position and Size.	No. 1. 24' 9" x 21' 0"		No. 2. 30' 0" x 21' 0"		No. 3. 16' 22' 6" x 21' 0"		No. 4. 10' 0" x 21' 0"		No. 5. 32' 6" x 21' 0"	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of DECK	30	30	30	30	30	30	30	30	30
	Thickness	Sides.....	44	44	44	44	44	44	44	44
		Ends.....	44	44	44	44	44	44	44	44
SHIPPING BRACKETS WEB PLATES	Number .....	4	5	3	1	5				
	Section and Scantlings .....	18 1/2 - 12 1/2 x 36	15 1/2 - 9 1/2 x 36	15 1/2 - 9 1/2 x 36	15 1/2 - 9 1/2 x 36	15 1/2 - 9 1/2 x 36				
	Material .....	7 1/4 angles 4 x 3 x 47	7 1/4 angles 4 x 3 x 47	7 1/4 angles 4 x 3 x 47	7 1/4 angles 4 x 3 x 47	7 1/4 angles 4 x 3 x 47				
* FORE AND AFTERS	Number .....									
	Section and Scantlings .....									
	Material .....									
HATCHES Thickness .....	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2					
Remarks.....	solid									

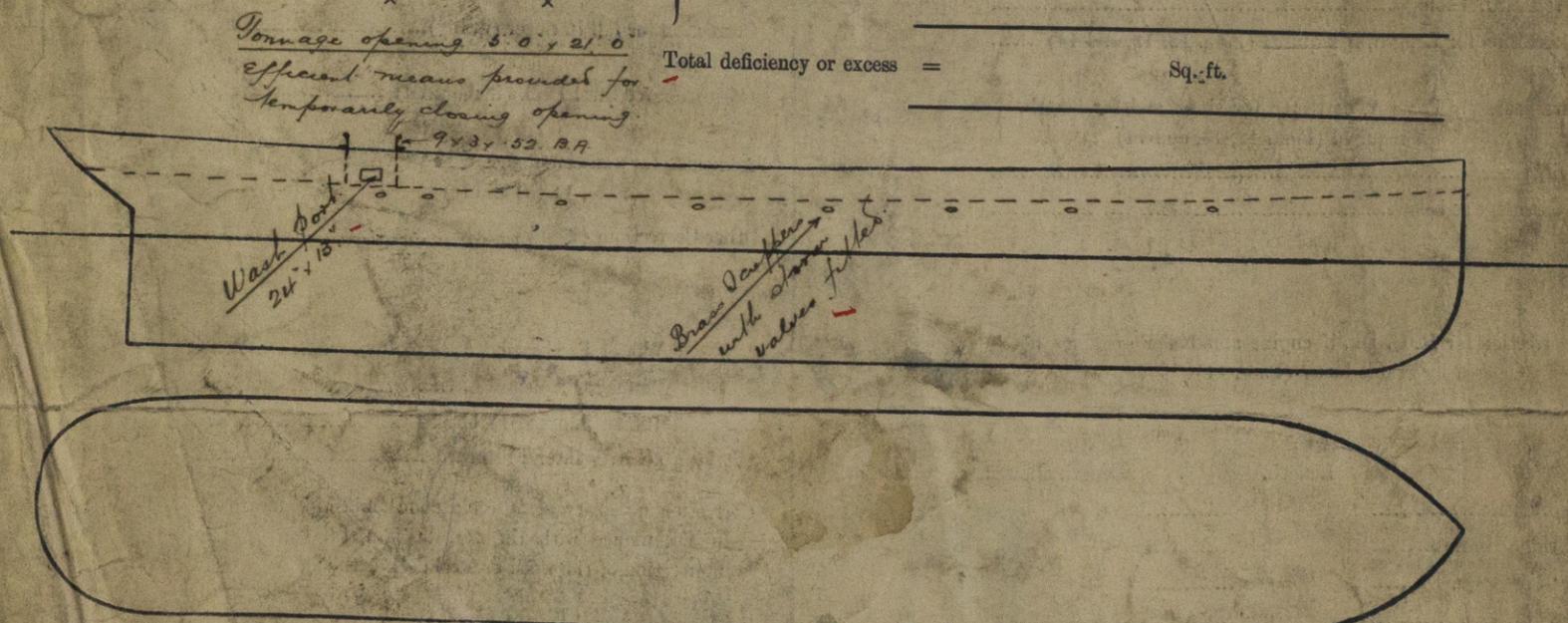
\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.  
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? *Strake between Main and Bridge Sheerstrakes?*  
 Delete the words } The Crew are, are not, berthed in the bridge house.  
 that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.  
 Length of Bulwarks in well  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.  

Ft.	Tenths.	Ft.	Tenths.	No.	} Freeing Ports (each side of vessel) = Sq. ft.
x	x	x	x		
x	x	x	x		

 Total deficiency or excess = Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel *The midship Section & Profile & dk plans are enclosed for reference & a fairboard request is also forwarded*  
 Builder's name and yard number *Scott's S. B. & E. Co. No 528*  
 Names of sister vessels *yes*  
 Owners *The United Steam Navigation Co.*  
 Address *London*  
 Fee £ 10 : 0 : 0  
 Received by me *See Irish Entry Report*

