

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

21 JUL 1926

No 18583.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH  
FLUANT 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. M. Rab.

Ship's Name.  
S.S. "DALBLAIR"Port of Registry  
and Nationality.

British.

Official  
Number.

14 9413

Gross  
Tonnage.

✓

Date of Build.

1926.

Particulars of Classification.

100 91. "WITH FREEBOARD"  
(class contemplated).

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	406.5	54.1	24.75	4207.87
Length on LOADLINE.	405.0	Frame Depth 12 Rule " 6	Ceiling FITTED Sheer + 20	Peak Tanks
		- 1.0		
CORRECTED DIMENSIONS.	405.0	53.10	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. CELL. D.B.  
[Para. 4 (a) to (e)]\* }  
Co-efficient as corrected ..... 76.

Sheer { Stem..... 66 } 116 ÷ 2 = 58. Mean  
at { Sternpost ... 50 }  
Sheer at 1/2 of the length from { Stem 36 1/2 } 63 1/2 ÷ 2 = 31.75 Mean  
{ Sternpost 27 } ÷ 55. 57.72.  
Gradual mean Sheer ..... 57.72.  
Standard mean Sheer [Table, Para. 18] ..... 50.50. Correction  
Difference..... 7.22 ÷ 4 = 1.80.  
§ If limited as Para. 18 (f) ..... -1 3/4.

Rise in Sheer { At front of bridge house..... ✓  
from amidships {  
[Para. 18 (e)] { At after end of forecastle ..... ✓

Fall in Sheer } ✓ ÷ 2 =  
Para. 18 (d) }  
Length uncovered ..... ✓ Correction

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 3' 4 1/2."  
Correction for Length, if required (Para. 12, 13, and 14) ..... ✓  
Freeboard by Table A, corrected for sheer, and for length, } 6' 3 1/2."  
if required (Para. 12, 13, and 14) }  
Difference ..... 2' 11".  
Percentage as below..... 94.38.  
- 33.03".  
Correction for R. Q. Dk. if engine and boiler openings not } ✓  
covered by bridge house (Para. 11) } - 2' 9".  
Allowance for Deck Erections ..... ✓

	Length.	Length allowed.	Height.
Forecastle.....	368.0	368.0	7' 9"
Bridge House.....	5.0	2.5	
† Raised Qr. Dk.....		32.0	
Poop.....	32.0	402.5	
Total .....		405.0	9938.
Length of Ship .....			
Corresponding percentage } (Para. 11, 12, 13, or 14) } 94.38.			

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	"	"	"	...	...	...	...	...	...
Winter Line	below	"	"	...	...	...	...	...	...
Winter North Atlantic Line				...	...	...	...	...	...

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 ..... 5 1/2. 3' 3".  
Indian Summer Freeboard ..... 2' 9 1/2".  
N. A. Winter Freeboard ..... ✓

Winter Freeboard from deck line

Summer " " " ..... 3' 10 1/2".  
Indian Summer " " " ..... 3' 4 1/2".  
N. A. Winter " " " ..... 2' 11 1/4".

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.

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 above the

ships the height of the R.Q.D. is to be taken from the level of the top of the mainmast or mainmast

In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern

post. In vessels having poops and forecastles, it means the sheer measured at points distant

one-eighth of the vessel's length from stem and stern-post.

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 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"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30		30		30		30		30	
	Thickness { Sides.....	44		44		44		44		44	
	{ Ends.....	44		44		44		44		44	
SHIPPING FRAMES WEB PLATES.	Number .....	4		5		3		1		5	
	Section and Scantlings .....	18 1/2 - 12 1/2 x 35		15 1/2 - 9 1/2 x 35		15 1/2 - 9 1/2 x 35		15 1/2 - 9 1/2 x 35		15 1/2 - 9 1/2 x 35	
	Material .....	1 1/4 angles		1 1/4 angles		1 1/4 angles		1 1/4 angles		1 1/4 angles	
* FORE AND AFTERS.	Number .....	4 x 3 x 47		4 x 3 x 47		4 x 3 x 47		4 x 3 x 47		4 x 3 x 47	
	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.

x x  
x x

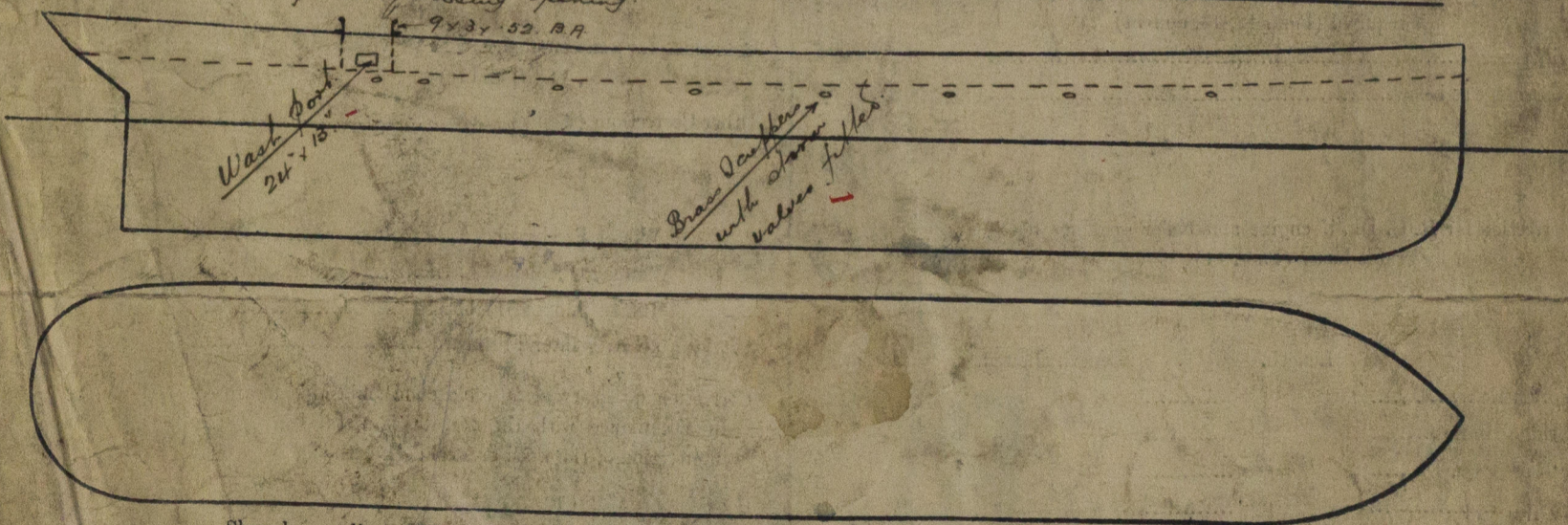
Freeing Ports  
(each side of vessel).

Sq. ft.

Ponnage opening 5' 0" x 21' 0"  
Efficient means provided for  
temporarily closing opening

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 freeboard 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*



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