

Register of Shipping.

FOR FREEBOARD.—STEAM SHIPS.

Index No. **33839**
(For London Office only.)

16 SEP 1930

50835

STEAM SHIPS EITHER FLUSH DECKED, OR WITH POOPS AND BRIDGE HOUSES DISCONNECTED, OR HAVING LONG POOPS, OR RAISED QUARTER DECKS BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Glasgow
Date of Survey During construction
Name of Surveyor George Nicol

S.S. ROSE
No. 906M
Port of Registry and Nationality Liverpool British
Official Number 162326

Gross Tonnage 1230.68
Date of Build 1930
Particulars of Classification + 100. A. 1. Class contemplated

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	50.0	34.2	16.45	1230.68
Length on LOADLINE.	50.0			
CORRECTED DIMENSIONS.	250.0	36.62	17.35	1230.68

Moulded Depth as measured..... 18'-6"
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..... $\frac{1230.68 \times 100}{250 \times 36.62 \times 17.35} = .774$
Any modification necessary [Para. 4 (a) to (e)]* }
Co-efficient as corrected75

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	250.0
Length in Table	222.0
Difference	28.0
Correction for 10ft., Table A.	1.1
Table O.	
× Difference divided by 10	3.08 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2	1.54 + 1/2

Sheer { Stem..... 80 }
at { Sternpost ... 39 } $119 \div 2 = 59.5$ Mean 61.59
 $\frac{35.00}{36.62} = .955$
 $59.5 \times .955 = 56.8$
 $56.8 + 4.79 = 61.59$

Sheer at $\frac{1}{3}$ of the length from { Stem 45.5 }
{ Sternpost 22.25 } $67.75 \div 2 = 33.87$ Mean 61.59
 $\frac{35.00}{36.62} = .955$
 $33.87 \times .955 = 32.3$
 $32.3 + 29.27 = 61.57$

Gradual mean Sheer all over $\frac{61.59 + 61.57}{2} = 61.58$

Standard mean Sheer [Table, Para. 18] 35.00 Correction
Difference..... $25.58 \div 4 = 6.39$ 6 1/2

§ If limited as Para. 18 (f)

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered924
Thickness of usual wood deck, less stringer 3 1/2 - 3

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

Fall in Sheer { }
Para. 18 (d) { }
Length uncovered lowest point of sheer amidships Correction

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 27'-0"
Round of Beam 9"
Normal round..... 9"
Difference $\frac{4}{4} \div 2 = .12$
Proportion of Deck uncovered (Para. 19)

NOTE.— The round of beam should be reported on the full breadth of vessel at the gunwale.

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C..... 1'-0 1/4"
Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 2'-10"
Difference 1'-9 3/4"
Percentage as below..... 58.6
- 12.75
- 1'-0 3/4"

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) Short bulkhead in front + .85 x
Allowance for Deck Erections 0'-11 1/2"
12"

Freeboard, Table A 3'-4 1/2"
Correction for Sheer 6 1/2"
Correction for Length 2'-10"
Allowance for Deck Erections 0'-9 1/4"
Correction for Round of Beam..... 1'-11 1/2"
Correction for fall in Sheer (if any).....
Correction for Steel Deck (if required) 1'-8 1/4"

Additions for non-compliance with provisions of }
Para. 11 (d) and (e) † Raised Quarter Deck + 1'-0"
Other Corrections (if any) 5'-8 1/2"

	Length.	Length allowed.	Height.
Forecastle.....	25.21	25.21	7'-0"
Bridge House	15.33	15.33	8'-0"
† Raised Qr. Dk.....	140.45	140.45	4'-0"
Poop.....			
Total		180.99	
Length of Ship		250.0	
Corresponding percentage (Para. 11, 12, 13, or 14) }	<u>58.6</u>		

Winter Freeboard 5'-8 1/4"
Summer Freeboard 5'
Indian Summer Freeboard
N. A. Winter Freeboard

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. + 1/2"

Winter Freeboard from deck line, 5'-9 1/2"
Summer " " " 5'-6 3/4"
Indian Summer " " "
N. A. Winter " " " 5'-6 1/2"

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 " " "

17 SEP 1930

planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.
* 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.

† State dimensions of freeing pass area on back of this form.

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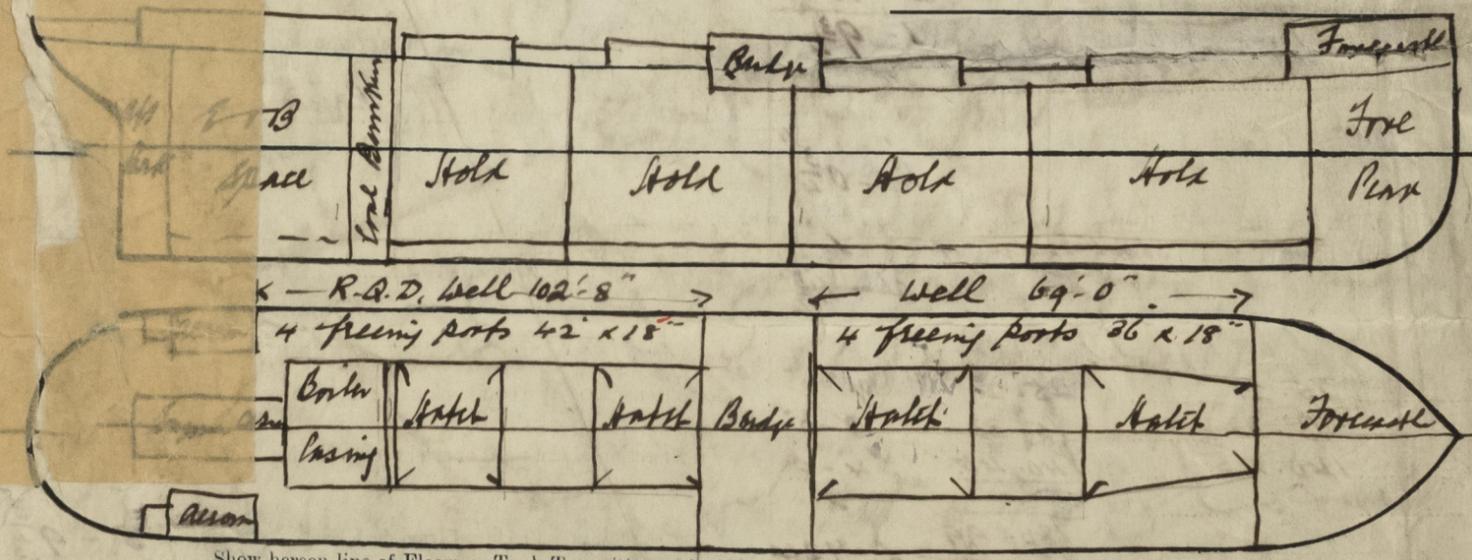
Do all the Frames extend to the top height in the P... Raised Quarter Deck? *yes* Bridge H...
 To what height do the Reverse Frames extend? *in two floors in double bot*
 Has the ~~Poop~~ or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*
 Give particulars of the means for closing the openings in Bulkhead *no openings*
 Is the ~~Poop~~ or Raised Quarter Deck connected with the Bridge House? *yes* Has the Bridge House an effici...
 Give particulars of the means for closing the openings in Bulkhead *no openings*
 What is the thickness of the Bridge Front plating? *3/4"* and Coaming plate? *3/8"*
 Give scantlings and spacing of the Stiffeners *1/2" x 3" x 34" bulb angles*
 Are bracket plates fitted at each end of the Stiffeners? *suggested* Are hor'l. brackets fitted connecting Bridge Bulk'd. with...
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*
 How are the openings closed? *no openings*
 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? *no*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? ~~Engine casing protected by boat deck and sideboards~~
~~Boiler casing partly protected by boat deck~~
 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 *Plating 3/4" Coaming 3/8" Stiff. 1/2" x 3" x 28 A. 27" apart*
 What is the height of the exposed Casings? *2'-6"* 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 the Rules? Give particulars below:— *yes*

Position.	N. 1	N. 2	N. 3	N. 4
Size.	27'-9" x 25' to 19'	27'-9" x 25'	28'-3" x 25"	26'-4" x 25"
COAMING.	Height above top of DECK			
	Thickness { Sides..... Ends.....	4 1/2" 4 1/2"	Same as N. 1	Same as N. 1
SHIFTING BEAMS OR WEB PLATES.	Number.....	5	5	5
	Section and Scantlings.....	P. 1 1/2" x 3 1/2" 4 1/2" x 3 1/2" x 46"		
	Material.....	Steel		
* FORE AND AFTERS.	Number.....	No fore and afters		
	Section and Scantlings.....	Side coaming reinforced with bulb angles and stays		
	Material.....			
HATCHES Thickness.....	3	3	3	3
Remarks.....	Pine	Pine	Pine	Pine

* 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 keel 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. *in deckhouses aft*
 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 *69 ft.* *60 gangway filled, crew aft.*
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *14* Sq. ft.
 Ft. Tenth. Ft. Tenth. No. } Freeing Ports = *18* Sq. ft.
3.0 x *1.5* x *4* } (each side of vessel)
 Total deficiency or excess = *4* 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 *Cargo Vessel*
 Builder's name and yard number *J. M. Henderson & Co. Ltd. N. 906 M*
modified
 Names of sister vessels *S.S. Dorothy Rose, S.S. Dudley Rose, same builder N. 880/1, N. 983/4*
 Owners *R. Hughes & Co.*
 Address *Liverpool*
 Fee £ 5 - - - Received by me

