

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT 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 Glasgow
Date of Survey 15. 12. 28
Name of Surveyor Blairley Christie

Ship's Name. <u>J. S. MINARD</u>	Port of Registry and Nationality. <u>U.K.</u>	Official Number. <u>148887</u>	Gross Tonnage. <u>250</u>	Date of Build. <u>1925</u>	Particulars of Classification. <u>+100RI. For coasting purposes in the Sea, London, and other ports contingent</u>
Number in Register Book					
Registered dimensions from Ship's Register. LENGTH. <u>143.1</u> BREADTH. <u>25.1</u> DEPTH. <u>9.75</u> UNDER DECK TONNAGE. <u>192.49</u>				Moulded Depth as measured..... <u>10.3</u>	
Length on LOADLINE. <u>143</u>	Frame Depth <u>4</u> Rule <u>3</u> <u>2 x 1</u> <u>= .17</u>	Ceiling <u>filled</u> Sheer <u>+08</u> <u>for 10 ft. above line of ordinary floor</u>	Peak <u>level</u> Tanks <u>9 tons</u>	Addition for Keel below base line for draught record..... <u>6 1/2</u> inches.	
CORRECTED DIMENSIONS. LENGTH. <u>143</u> BREADTH. <u>24.83</u> DEPTH. <u>9.80</u> UNDER DECK TONNAGE. <u>201.49</u> <u>199</u>					

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

Co-efficient of fineness..... 575
Any modification necessary {
[Para. 4 (a) to (e)]* }
Co-efficient as corrected 68. Lowest in table

Sheer { Stem..... 36 } 54 ÷ 2 = 27 ... Mean
at { Sternpost ... 18 } 36 2.97
.08
Sheer at 1/2 of the length from { Stem 20 } 30 ÷ 2 = 15 ... Mean
{ Sternpost 10 } 15
Gradual mean Sheer 15.00
Standard mean Sheer [Table, Para. 18] 14.58 Correction
Difference..... .42 ÷ 4 = .10
§ If limited as Para. 18 (f) NIL

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

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 0-2
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 1-4 1/2
Difference 1.2 1/2
Percentage as below..... 38.4%
5.56

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections 5 1/2

	Length.	Length allowed.	Height.
Forecastle.....	<u>23.0</u>	<u>20.44</u>	<u>7.0</u>
Bridge House	<u>38.0</u>	<u>17.50</u>	<u>7.0</u>
† Raised Qr. Dk.....	<u>52. 1/2</u>	<u>52.96</u>	<u>3.6</u>
Poop.....			
Total		<u>90.90</u>	
Length of Ship	<u>143</u>		<u>.636</u>
Corresponding percentage (Para. 11, 12, 13, or 14) } <u>Similar to % covered = 48.4. 80% 1/2</u> <u>38.4%</u>			

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 " " " ...

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† 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 abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10th length covered
Thickness of usual wood deck, less stringer 2 1/4
filled 2 1/2 Sheathing - 1/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 25.0
Round of Beam 6 1/4
Normal round..... 6 1/4
Difference ÷ 2 =
Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A 1-4 1/2
Correction for Sheer NIL
Correction for Length + 3/4
1.5 1/4
Allowance for Deck Erections - 1 1/2
0-11 3/4
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for 2 1/2" Sheathing on Steel Deck (if required) - 1/4
0-11 1/2
Additions for non-compliance with provisions of Para. 11 (d) and (e) † }
Other Corrections (if any)

Winter Freeboard 0-11 1/2
Summer Freeboard 0-10
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 ~~plank~~ deck with side.

Winter Freeboard from deck line 1-0 1/2
Summer " " " 0-11 1/2
Indian Summer " " "
N. A. Winter " " "
0-11

† 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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13 JUN 1928

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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? *On floor only*
 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 *none No openings*
 Is the ~~Poop~~ or Raised Quarter Deck connected with the Bridge House? *Yes* Has the Bridge House an efficient Bulkhead at the fore end? *Open*
 Give particulars of the means for closing the openings in Bulkhead
 What is the thickness of the Bridge Front plating? and Coaming plate?
 Give scantlings and spacing of the Stiffeners
 Are bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Open companion in bulkhead (see plan attached)*
 How are the openings closed?
 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? *Open*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by open bridge*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed?
 Give thickness of plating; scantlings and spacing of Stiffeners
 What is the height of the exposed Casings? *18" above bridge* Are suitable means provided for closing all openings in them in bad weather? *will be provided (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:— *as approved*

Position and Size.		N ^o 1. 10-6 x 6-9		N ^o 2 10-6 x 6-9							
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	12" above wood deck		12" above wood deck							
	Thickness {	Sides.....	.40 ✓		.40 ✓						
		Ends.....	.40 ✓	J	.40 ✓						
SHIFTING BEAMS OR WEB PLATES.	Number	none		none ✓							
	Section and Scantlings	" ✓		"							
		Material	"								
* FORE AND AFTERS.	Number	one ✓		one ✓							
	Section and Scantlings	8 1/2 x 8		8 1/2 x 8							
		Material	Wood		Wood						
HATCHES Thickness		2 1/2 ✓		2 1/2 ✓							
Remarks.....											

* 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. } *15' 0" in length*

Length of Bulwarks in well *31' 0" 32' 0 1/2"*

Area of Freeing Ports required by Para. 11 (e) each side of vessel =

9.7 Sq. ft.

Clear Only

Ft. Tenths. Ft. Tenths. No.
30" x 18" x 3

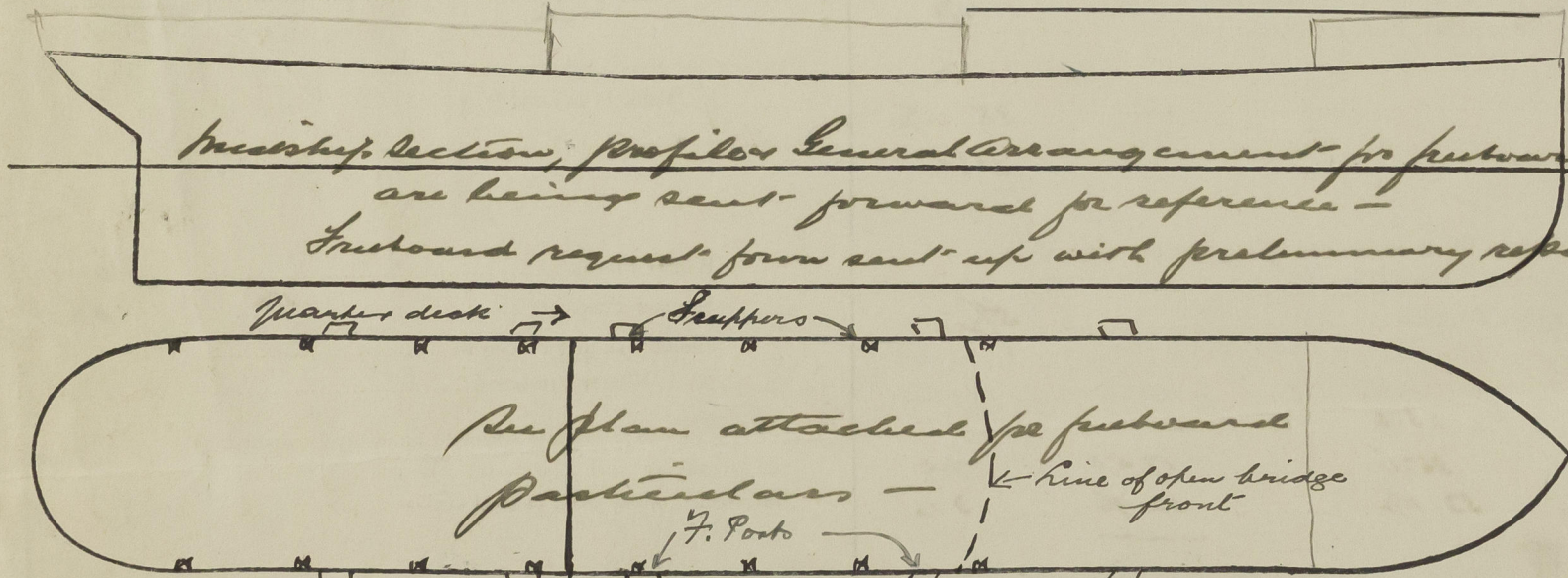
Freeing Ports
 (each side of vessel)
in bulk & bridge

11.28 Sq. ft.

as approved

Total deficiency or excess =

Sq. ft.



State any special features in the construction of the Vessel *low hatch coaming, flush bulkhead scuttles & open bridge*

Builder's name and yard number *Messrs. Scott & Sons' yard No. 305*

Names of sister vessels

Owners

Address

Fee £ *2 : 0 : 0*

Received by me

See T.E. Rpt.



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