

WED 11 OCT 1922

Index No. 30648
(For London Office only.)

Nov 2230

Lloyd's Register of Shipping.

WEYS FOR FREEBOARD.—STEAM SHIPS.

RELATING TO ALL STEAM SHIPS EITHER PLUSH DECKED, OR WITH
AT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
ALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Glasgow
Date of Survey 6th Oct. 1922
Name of Surveyor George Nicol

Particulars of Classification.

100. A-1. Shelter deck with
freboard (class contemplated)

Ship's Name	Port of Registry and Nationality	Official Number	Gross Tonnage	Date of Build
<u>S.S. SCOTTISH COAST</u> <u>17. Inphibla N. 657P</u>	<u>Liverpool</u> <u>British</u>	<u>146378</u>	<u>-</u>	<u>1922</u>
Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>200.55</u>	<u>31.1</u>	<u>12.35</u> <u>12.67 to 7.7</u>	<u>616.02</u>
Length on ADLINE.	<u>199.9</u>	Frame Depth Rule	Ceiling <u>filled</u> Rule <u>3 1/2</u> <u>2 x 1 1/2</u> <u>= - .25</u>	Peak Tanks <u>Ordinary</u> <u>floor in</u> <u>Center form</u> <u>- 6</u>
CORRECTED DIMENSIONS.	<u>199.9</u>	<u>30.85</u>	<u>13.05</u>	<u>610.02</u>

Co-efficient of fineness..... 75
Any modification necessary [Para. 4 (a) to (e)]* Cell. A. B
Co-efficient as corrected73

Sheer { Stem..... 54
at { Sternpost... 27.5 $81.5 \div 2 = 40.75$ Mean 36 9.32
26
Sheer at 1/3 of the length from { Stem 30.25
Sternpost 13.00 $43.25 \div 2 = 21.62$ Mean 36 9.32
26
Gradual mean Sheer 39.31 $\div 55 = 39.31$
Standard mean Sheer [Table, Para. 18] 29.99 Correction
Difference..... 9.32 $\div 4 =$
§ If limited as Para. 18 (f) - 2 1/4

Rise in Sheer { At front of bridge house.....
from amidships { At after end of forecastle
[Para. 18 (e)]
Fall in Sheer { 1 $\div 2 =$ 1/2
Para. 18 (d) {
Length uncovered wholly covered by S. Dk. Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 0.6 1/2
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) } 2.2 1/2
Difference 1.8 1/2
Percentage as below..... 94 7/8
- 18.8

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections - 1' 6 3/4"

	Length.	Length allowed.	Height.
Use of S. Dk.	<u>126.28</u>	<u>126.28</u>	<u>7' 6"</u>
Use of R. Dk.	<u>69.62</u>	<u>69.62</u>	<u>7' 6"</u>
Total	<u>195.90</u>	<u>195.90</u>	<u>14' 0"</u>
Ship	<u>197.90</u>	<u>197.90</u>	<u>14' 0"</u>
Percentage	<u>199.9</u>	<u>199.9</u>	<u>14' 0"</u>

WARD recommended amidships from centre of Disc to top of Statutory Deck Line, 10.22
Fresh Water Line above centre of Disc
Indian Summer Line " " "
Winter Line below " " "
Winter North Atlantic Line " " "

Moulded Depth as measured..... 14' 10"
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.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 199.9
Length in Table 178.45
Difference 21.45
Correction for 10ft., Table A. 1.0 Table C.
× Difference divided by 10 2.145 (if required.)
If 1/10ths length covered divide by 2 1.07 Say + 1'

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer - 3'

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 31
Round of Beam 6
Normal round..... 7 3/4
Difference 1 3/4 $\div 2 =$ 7/8
Proportion of Deck uncovered (Para. 19) wholly covered.

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

Freeboard, Table A 2' 4 3/4
Correction for Sheer - 2 1/4
Correction for Length + 1
Allowance for Deck Erections - 1' 8 3/4
Correction for Round of Beam..... - 8 1/4
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required)
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any) Height of Shelter Deck 7-6
7-11 3/4

Winter Freeboard 0.6 1/2 7-11 3/4
Summer Freeboard 2 0.3 1/2 7-8 3/4
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 iron deck with side. + 1'

Winter Freeboard from deck line 0.6 1/2
Summer " " " " 0.4 1/2
Indian Summer " " " "
N. A. Winter " " " "
Steel Shelter Deck:— 7' 10 1/2 3 1/2 7'

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 line of keel or to the water line. If measured relatively to water line the vessel's draught survey, and the height of the freeing port area should be reported.

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Main frames extend alternately to upper & lower angles to shell in double bottom and across floors in double bottom and in

Do all the Frames extend to the top height in the Poop? *Raised Quarter Deck?* Bridge H.

To what height do the Reverse Frames extend? *across floors in double bottom and in*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?

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?

How are the openings closed?

Is the Forecastle at least as high as the main or top gullant rail? Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?

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 Shelter deck*

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? 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.		N. 1, 35' 7 1/2" x 14'		N. 2, 37' 6" x 16'							
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of DECK	30		30							
	Sides	44		44							
	Ends	44		44							
SHIFTING BEAMS OR WEB PLATES	Number	Six		Seven							
	Section and Scantlings	12 x 7 x 32		13 1/2 x 7 1/2 x 34							
	Material	angle (4) 3 x 3 x 42 Steel		(4) 3 1/2 x 3 x 42 Steel							
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES Thickness		2 1/2 P.		2 1/2 P.							
Remarks		Hatch coaming stiffened with horizontal built angles 7 x 3 x 42									

* 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 molded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? Strake between Main and Bridge Sheerstrakes?

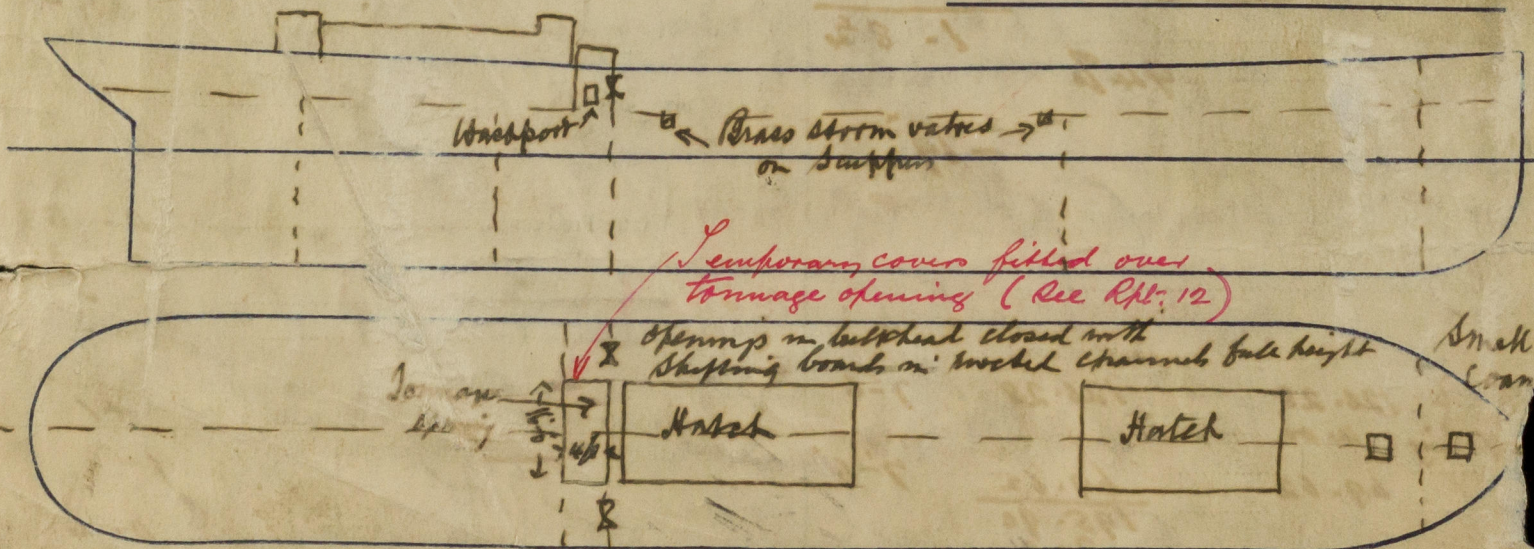
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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			

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.

any special features in the construction of the Vessel *This vessel is a sister ship to the S.S. 'Argo' the dated 8.9.22, also preliminary assignment letter dated 17.8.20. Request*
newish, also approved plans of midship section of profile for reference
Coast Lines Ltd
The approved plans have been forwarded with first entry report on 1/11/22

Address *London*

Received by me *See L.R. Report*