

Amended Final Report
 No. 147/32

THU. 24 MAR. 1921

Index No. 24637
 (For London Office only)

Rpt. 11b.

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

No. 17787

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 Greenock
 Date of Survey while Building 1921
 Name of Surveyor R.D. Cairns

Ship's Name	Port of Registry and Nationality	Official Number	Gross Tonnage	Date of Build	Particulars of Classification
<u>S.S. DORICSTAR</u>	<u>London British</u>	<u>146193</u>	<u>9750</u>	<u>Building 1921</u>	<u>+100 A.I. (Contemplated)</u>

LENGTH	BREADTH	DEPTH	UNDER DECK TONNAGE
<u>499.8</u>	<u>63.47</u>	<u>37.0</u>	<u>9296.42</u>
<u>499</u>	<u>63.25</u>	<u>36.94</u>	<u>9236.42</u>

Moulded Depth as measured..... 40'-6"
 Addition for Keel below base line for draught record..... 2 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.....	<u>499</u>
Length in Table	<u>486</u>
Difference	<u>13</u>
Correction for 10ft., Table A.	<u>1.7</u>
× Difference divided by 10	<u>2.21</u>
If 1/10ths length covered divide by 2	<u>+ 2 1/2</u>

Note. 2 1/2" Sheathing on upper D^k in Wells.
 CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	<u>.5545</u>
Thickness of usual wood deck, less stringer	<u>3 1/2</u>
2 1/2" Sheathing in Wells fore and aft	<u>- 3"</u>

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>63</u>
Round of Beam	<u>8.5</u>
Normal round.....	<u>15.75</u>
Difference	<u>7.25 ÷ 2 = 3.625</u>
Proportion of Deck uncovered (Para. 19)	<u>1.57 + 1/2</u>

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

of fineness..... .79
 ation necessary } -.02 Ced. D.B.
 (a) to (e)]* }
 as corrected77

Stem 36.15
 Sternpost 23.1
 $59.35 ÷ 2 = 29.67$... Mean

Sheer 53.95
 Sheer [Table, Para. 18] 59.90
 Difference..... 5.95 ÷ 4 = + 1 1/2

At front of bridge house..... ✓
 At after end of forecastle ✓

er } ✓ ÷ 2 =
 ered

ALLOWANCE FOR DECK ERECTIONS :—

Table C.....	<u>11.84 - 3.25</u>	<u>8.59</u>
Length, if required (Para. 12, 13, and 14)	<u>+ 1</u>	<u>8.63</u>
Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>3.54</u>	<u>12.0</u>
low.....	<u>36.32%</u>	<u>14.98</u>
Q. Dk. if engine and boiler openings not in bridge house (Para. 11)	<u>- 15"</u>	<u>15.01</u>

Length.	Length allowed.	Height.
<u>43-6</u>	<u>43.5</u>	<u>8.0</u>
<u>191-9</u>	<u>191.75</u>	<u>8.0</u>
<u>47.04</u>	<u>41.615</u>	<u>8.0</u>
	<u>276.865</u>	<u>.5545</u>
	<u>499.0</u>	

recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :—

Fresh Water Line	above centre of Disc
Indian Summer Line	" " "
Winter Line	below " "
Winter North Atlantic Line	" " "

Freeboard, Table A	<u>11-8 1/4</u>
Correction for Sheer	<u>+ 1 1/2</u>
Correction for Length	<u>+ 2 1/4</u>
Allowance for Deck Erections	<u>- 1-3</u>
Correction for Round of Beam.....	<u>10-9</u>
Correction for fall in Sheer (if any).....	<u>+ 1 1/2</u>
Correction for Iron Deck (if required)	<u>- 3</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>10-7 1/2</u>
Other Corrections (if any)

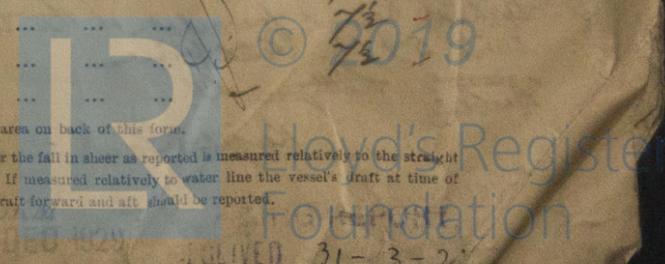
Winter Freeboard 10-7 1/2
 Summer Freeboard 7 1/2
 Indian Summer Freeboard 9-4 1/2
 N. A. Winter Freeboard ✓

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	<u>10-8 1/2</u>
Summer " " " "	<u>10-1</u>
Indian Summer " " " "	<u>9-5 1/2</u>
N. A. Winter " " " "	<u>10-1</u>

† 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 vessels having poops and forecastles, it means the sheer measured at points distant 1/10th of the vessel's length from stem and stern-post.

† 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? *✓* Bridge House? *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *To upper - 2" Dth alt. At B.A. frame & Forecastle Dth*
 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 *Two hinged wood doors 5'-6" x 2'-3" (see sketch below)*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *The steel hinged door 5'-6" x 2'-6" (to fan room)*
 What is the thickness of the Bridge Front plating? *40* and Coaming plate? *44*
 Give scantlings and spacing of the Stiffeners *9 x 3 1/2 x 64 B.A. 30' apart*
 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? *The steel hinged door 5'-6" x 2'-6"*
 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? *Covered by Bridge Dth*
 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*

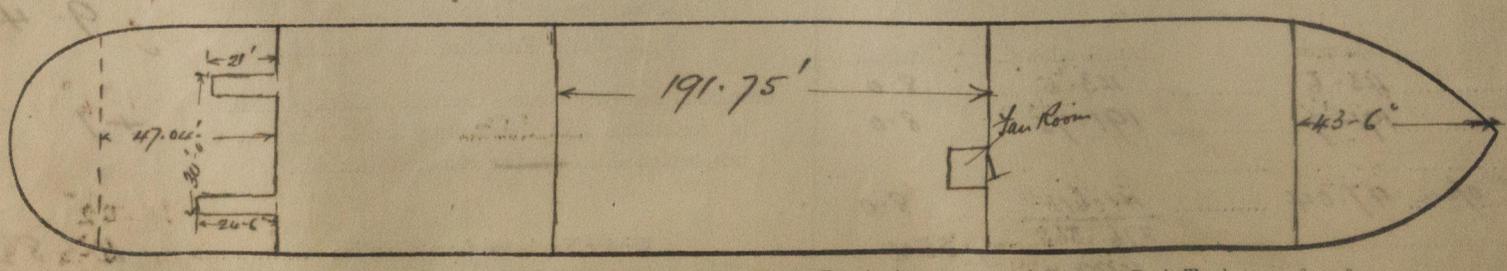
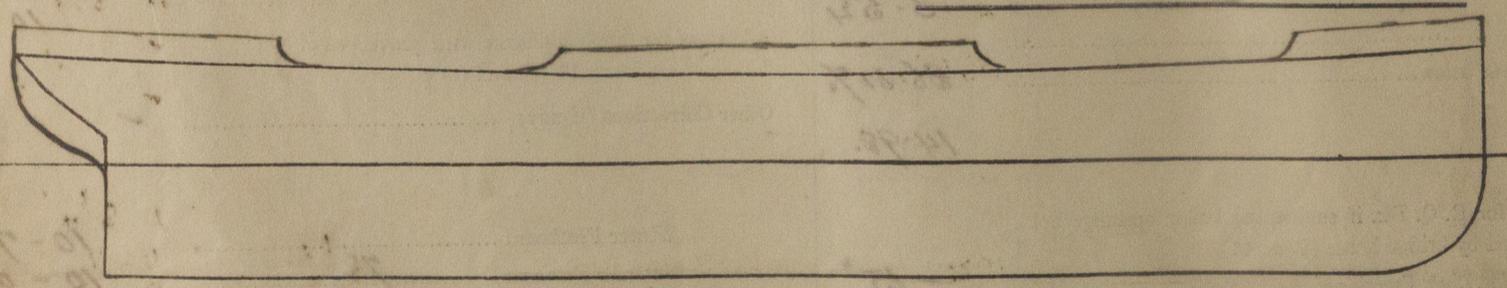
Position and Size.	N ^o 1 18'-0" x 18'-0"		N ^o 2 21'-2" x 18'-0"		N ^o 3 19'-8" x 18'-0"		N ^o 5 24'-7" x 18'-0"		N ^o 6 19'-8" x 18'-0"	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING										
Height above top of DECK	34		34		34		34		34	
Thickness	Sides	44	44	do.	44	do.	44	do.	44	do.
	Ends	44	44		44		44		44	
SHIFTING BEAMS OR WEB PLATES	Number	3	3	do.	3 same as No 2		(3) same as No 2-3-4		5	
	Section and Scantlings	7 1/2 x 35 1/2 x 3 x 2 1/2	7 1/2 x 35 1/2 x 3 x 2 1/2	do.	2 same as No 2		(2) same as No 2-3-4		7 1/2 x 35 1/2 x 3 x 2 1/2	do.
	Material	Steel	Steel		Steel		Steel		Steel	
* FORE AND AFTERS	Number	None	None		None		None		None	
	Section and Scantlings									
	Material									
HATCHES Thickness	3"		3"		3"		3"		3"	
Remarks	W.P.		W.P.		W.P.		W.P.		W.P.	

* 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 that do not apply { The Crew are, are not, berthed in the bridge house.
 { 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. Tenth. Ft. Tenth. No. } Freeing Ports (each side of vessel) = Sq. ft.
 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 *This vessel has a Cruiser Stern and a Subboard assignment was made 11th March 1921. please see Secy's letter M. 11/3/21 & Gen. Subboard Rpt No. 17787 Subboard Request forwarded at that time. The upper Deck in the well is being wood sheathed with 5 x 2 1/2 Pitch Pine*
 Owners *Lithgow & Co.*
 Builders *Lithgow & Co.*
 Address *Kingsland Yard, Dal Glasgow.*

Rec'd 15 : 0 : 0 Received by me

