

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.~~
 month Richard Co. Ltds No. 400

Port of Survey *Glasgow*
 Date of Survey *While building*
 Name of Surveyor *L. R. Pagar.*

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
"FIR PARK"	<i>Greenock</i> British	<i>143725</i>	<i>✓</i>	<i>1920</i>	<i>+100 A1</i> <i>bles contemplated.</i>

Registered Dimensions in Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>280.1</i>	<i>41.90</i>	<i>18.9</i>	<i>1769.28</i>

Length on LOADLINE.	Frame Depth	Ceiling	Peak Tanks
<i>279.75</i>	<i>4" x 2</i> <i>5</i>	<i>fitted</i> <i>+ .86</i>	<i>incl</i>

Corrected Dimensions.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>279.75</i>	<i>41.24</i>	<i>19.76</i>	<i>1769.28</i>

efficient of fineness..... *.777*
 modification necessary } *6. D. B.*
 [Para. 4 (a) to (e)]*
 efficient as corrected *.76*

Stem..... *86.5*
 Sternpost *50.5* } *137* $\div 2 = 68.5$

at $\frac{1}{2}$ of the length from Stem *48*
 Sternpost *28* } $76 \div 2 = 38$ Mean

Individual mean Sheer *68.75*
 Standard mean Sheer [Table, Para. 18] *37.97*
 Difference..... *30.78* $\div 4 = -7.4$

limited as Para. 18 (f)..... *✓*

in Sheer { At front of bridge house..... *✓*
 amidships { At after end of forecastle *✓*
 Para. 18 (e)

all in Sheer { *✓* $\div 2 =$ *✓*
 Para. 18 (d)
 th uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :—
 board, Table C..... *1.6*
 tion for Length, if required (Para. 12, 13, and 14) *1.7*
 ard by Table A. corrected for sheer, and for length, } *3.8*
 if required (Para. 12, 13, and 14) } *2.1*
 nce *27.05*
 age as below..... *26.68%*
6.64

on for R. Q. Dk. if engine and boiler openings not }
 vered by bridge house (Para. 11)
 ce for Deck Erections *-6.4*

	Length.	Length allowed.	Height.
.....	<i>29.2</i>	<i>29.2</i>	<i>7.0</i>
house	<i>7' + 67.5'</i>	<i>67.5'</i>	<i>7.0</i>
Q. Dk.	<i>✓</i>	<i>✓</i>	<i>✓</i>
.....	<i>23.75' + 21.25'</i>	<i>22.0</i>	<i>7.0</i>
tal	<i>118.7</i>	<i>120.0</i>	<i>42.4</i>
Ship	<i>279.75</i>	<i>✓</i>	<i>✓</i>

ling percentage { *27.05*
 t, 12, 13, and 14) } *26.68%*

ARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Iron) Deck :—
 Fresh Water Line above centre of Disc *3.20*
 Indian Summer Line " " " "
 Winter Line below " " " "
 Winter North Atlantic Line " " " "

skin planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.
 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 amidships beam.
 ed vessels the total standard mean sheer means the sheer measured at the stem and stern-
 vessels having poops and forecastles, it means the sheer measured at points distant
 of the vessel's length from stem and stern-post.

Moulded Depth as measured..... *20.92*
 Addition of keel below
 base line for draught record 1.6 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..... *279.75*
 Length in Table *249.5*
 Difference *30.25*
 Correction for 10ft., Table A. *1.2* Table C. *.6*
 \times Difference divided by 10 *3.63* (if required.) *1.81*
 If $\frac{1}{10}$ ths length covered divide by 2 *+3.4* *+1.34*

CORRECTION FOR IRON DECK.
 Proportion covered, if less than $\frac{1}{10}$ ths length covered *42.93*
 Thickness of usual wood deck, less stringer *3.2*
-1.2

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships..... *41.8*
 Round of Beam *14.2*
 Normal round..... *10.4*
 Difference *4.4* $\div 2 =$ *2.05*
 Proportion of Deck uncovered (Para. 19) *5.76* *-1.4*

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

Freeboard, Table A *4.0*
 Correction for Sheer *-7.4*
 Correction for Length *3.5*
 Allowance for Deck Erections *+3.4*
 Correction for Round of Beam *3.8*
 Correction for fall in Sheer (if any)..... *-6.4*
 Correction for Iron Deck (if required) *3.2*
 Additions for non-compliance with provisions of } *1.2*
 Para. 11 (d) and (e) } *2.11*
 Other Corrections (if any) *✓*

Winter Freeboard *2.11*
 Summer Freeboard *2.8*
 Indian Summer Freeboard *2.5*
 N. A. Winter Freeboard *3.1*

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. *2*

Winter Freeboard from deck line *3.1*
 Summer " " " " *2.10*
 Indian Summer " " " " *4.2*
 N. A. Winter " " " " *3*
 " " " " *3*
 " " " " *5*

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.

MARKING REPORT
 RECEIVER 1.4.20

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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? *Bull angle frames.*

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 into poop. Steel door into lamp room - steel partition.*

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 *No openings.*

What is the thickness of the Bridge Front plating? *37* and Coaming plate? *40*

Give scantlings and spacing of the Stiffeners *7 x 3 x .54 Bull angles spaced 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? *Weather boards fitted between riveted channels. Full height.*

Is the Forecastle at least as high as the ~~main~~ 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 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? *✓*

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. 25' x 16'		No. 2. 25' x 16'		No. 3. 25' x 16'		No. 4. 22'-6" x 16'		
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING. Height above top of DECK	36"						36"		
Thickness {	Sides.....		A & No. 1.		A & No. 1.		44		
	Ends.....						44		
SHIFTING BEAMS OR WEB PLATES.	Number	4	4		4		4		
	Section and Scantlings	<i>3 1/2 x 3/4 x 14</i>	A & No. 1.		A & No. 1.		A & No. 1.		
	Material	Steel	Steel		Steel		Steel		
* FORE AND AFTERS.	Number								
	Section and Scantlings	Nil	Nil		Nil		Nil		
	Material								
HATCHES Thickness	3"		3"		3"		3"		
Remarks.....									

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(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?*

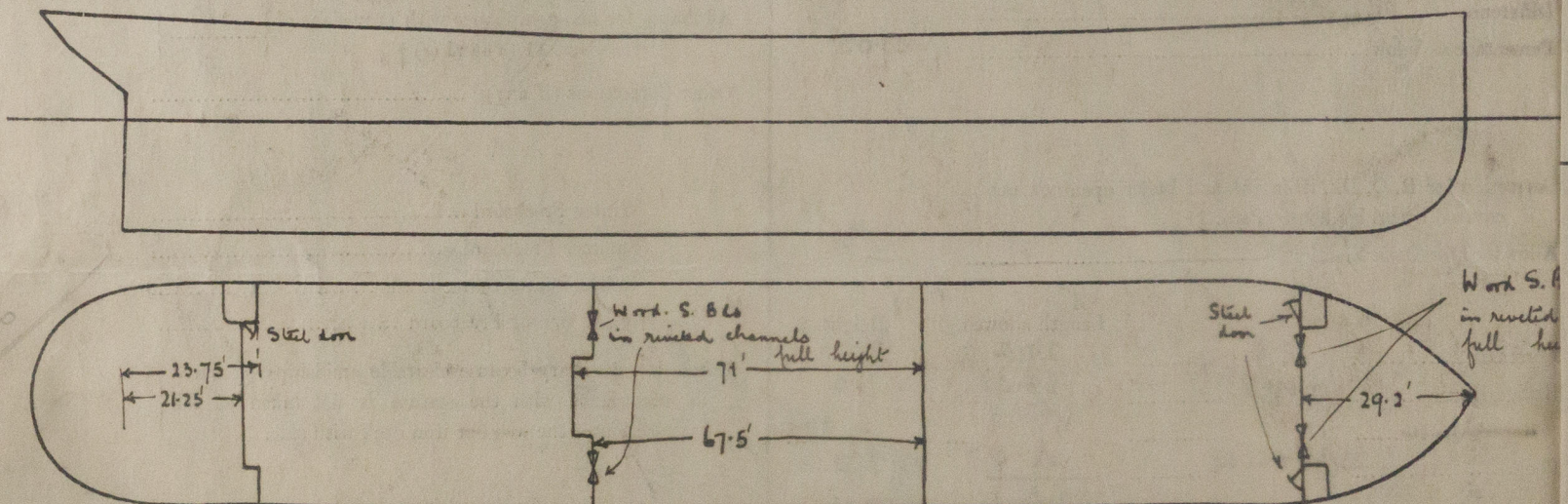
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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.	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.

State any special features in the construction of the Vessel *Wide spaced bull angle framing.*

Request form attached also approved profile midship section

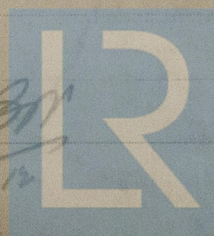
Owners *Dunholm Line Steamers Ltd*

Address

Fee £ *3* : *3* : *-*
for 5th 7th 25th

Received by me

2/7/20



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