

96 27/8/32

Rpt. 11b

*Prescribed 31269*

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Index No. **31269**  
(For London Office only.)

*4043790*

# 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 *3.7.24*  
Name of Surveyor *E. Brimblecombe*

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<i>S.S. "GEM."</i>	<i>Glasgow British</i>	<i>147915</i>	<i>639.56</i>	<i>1924</i>	<i>+100 A1 contemplated</i>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>175.30</i>	<i>27.65</i>	<i>11.05</i>	<i>427.89</i>
Length on LOADLINE.	<i>174.75</i>	Frame Depth <i>5 1/2</i> Ceilings <i>fixed</i> Rule " <i>3 1/2</i> Sheer <i>+ 1.48</i> <i>2</i> <i>22 - .33</i> Level Tank <i>To Tank Top</i> <i>11.29</i>	Peak <i>included</i> Tanks	
CORRECTED DIMENSIONS.	<i>174.75</i>	<i>27.32</i>	<i>11.44</i>	<i>427.39</i>

Co-efficient of fineness..... *.76*  
Any modification necessary {  
[Para. 4 (a) to (e)]\* } *C.D.B*  
Co-efficient as corrected ..... *.74*

Sheer { Stem..... *60* } *36 / 17.30*  
      { Sternpost ... *30* } *90 ÷ 2 = 45* ... Mean  
      { Stem *32.25* } *49.25 ÷ 2 = 24.625* ... Mean  
      { Sternpost *170* } *÷ .55 = 44.44*  
Mean Sheer ..... *44.77*  
Standard mean Sheer [Table, Para. 18] ..... *27.47* Correction  
Difference..... *17.30 ÷ 4 = 4.32*  
If limited as Para. 18 (f) ..... *- 1 1/4*

ise in Sheer { At front of bridge house.....  
m amidships {  
ara. 18 (e) } { At after end of forecastle .....

all in Sheer }  
ara. 18 (d) } ÷ 2 =  
gth uncovered ..... Correction

### ALLOWANCE FOR DECK ERECTIONS:—

board, Table C..... *0. 4 3/4*  
ection for Length, if required (Para. 12, 13, and 14) .....  
board by Table A, corrected for sheer, and for length, }  
if required (Para. 12, 13, and 14) } *1. 8 1/4*  
rence ..... *1. 3 1/2*  
ntage as below..... *67.37*  
..... *- 10.43*

tion for R. Q. Dk. if engine and boiler openings not }  
covered by bridge house (Para. 11) } *+ .33*  
ance for Deck Erections ..... *- 10.10*  
..... *- 10*

	Length.	Length allowed.	Height.
astle.....	<i>26.42</i>	<i>24.38</i>	<i>7'-0"</i>
e House .....	<i>11.0</i>	<i>11.00</i>	<i>7'-0"</i>
ed Qr. Dk.....	<i>101.33</i>	<i>101.33</i>	<i>4'-0"</i>
Total .....	<i>138.45</i>	<i>136.71</i>	<i>. 482</i>
a of Ship .....		<i>174.75</i>	
ponding percentage {	<i>67.37%</i>		
a. 11, 12, 13, or 14 }			

BOARD 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 " " "

frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.  
els obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amid-  
s the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.  
ecked vessels the total standard mean sheer means the sheer measured at the stem and stern-  
s. In vessels having poops and forecastles, it means the sheer measured at points distant  
eighths of the vessel's length from stem and stern-post.

Moulded Depth as measured..... *13'-4"*

Addition for Keel below base line  
for draught record..... *7*..... 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..... *174.75*  
Length in Table ..... *160.0*  
Difference ..... *14.75*  
Correction for 10ft., Table A. .... *.9* Table C.  
× Difference divided by 10 ..... *1.33* (if required.)  
If  $\frac{1}{10}$ ths length covered divide by 2 ..... *.66*  
..... *+ 3/4*

### CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered .....  
Thickness of usual wood deck, less stringer ..... *3* ..... *- 3*

### CORRECTION FOR ROUND OF BEAM.

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

Breadth at Gunwale amidships..... *27'-6"*  
Round of Beam ..... *8 1/2"*  
Normal round..... *6.87*  
Difference ..... *1.68 ÷ 2 = .81*  
Proportion of Deck uncovered (Para. 19) .....

Freeboard, Table A ..... *2. 0 1/2*  
Correction for Sheer ..... *- 4 1/4*  
..... *1. 8 1/4*  
Correction for Length ..... *+ 3/4*  
..... *1. 9*  
Allowance for Deck Erections ..... *- 10*  
..... *0. 11*  
Correction for Round of Beam..... *- 1/4*  
..... *0. 10 3/4*  
Correction for fall in Sheer (if any).....  
Correction for Iron Deck (if required) ..... *- 3*  
..... *0. 4 3/4*  
Additions for non-compliance with provisions of }  
Para. 11 (d) and (e) † }  
Other Corrections (if any) ..... *Height of R.Q.D. + 4.0*  
..... *4. 4 3/4*

Winter Freeboard ..... *4. 4 3/4*  
Summer Freeboard ..... *1 3/4* ..... *4. 6*  
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. *1.19* *1 1/4*

Winter Freeboard from deck line ..... *4. 9*  
Summer " " " ..... *4. 7 1/4*  
Indian Summer " " " .....  
N.A. Winter " " " .....  
~~Raised Quarter~~ " " " .....  
..... *4. 7*

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MARKING FORM  
14 JUL 1924

MARKING FORM  
27 FEB 1931  
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Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*  
 To what height do the Reverse Frames extend? *none (B.A. 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*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *Yes* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *none* *No openings*  
 What is the thickness of the Bridge Front plating? *30* and Coaming plate? *30*  
 Give scantlings and spacing of the Stiffeners *6 x 3 x .34 B.A. spaced 30"*  
 Are bracket plates fitted at each end of the Stiffeners? *Lugs at top, plates at bottom* 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? *none*  
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron ~~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? *Enclosed by Strong Steel Casings*  
 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 *.28; 4 x 2 1/2 x .28 O.A. spaced 30"*  
 What is the height of the exposed Casings? *6'-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 Section 28 of the Rules for 1904-5? Give particulars below:— *Yes*

Position and Size.	No. 1. 33'-0" x 16'-0"		No. 2. 33'-0" x 17'-0"		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.	Ship.	Rule.	Ship.	Rule.						
COAMING.	Height above top of DECK	36"	36"							
	Thickness { Sides.....	.42	.42							
	Ends.....	.42	.42							
SHIFTING BEAMS OR WEB PLATES.	Number.....	5	5							
	Section and Scantlings.....	3/4 x 1 1/4" plate	3/5 x 1 1/4" plate							
	Material.....	3 1/2 x 3 x .42 angles	4 x 3 x .43 angles							
* FORE AND AFTERS.	Number.....	none	none							
	Section and Scantlings.....									
	Material.....									
HATCHES Thickness.....	2 1/2"		2 1/2"							
Remarks.....	Sides ends stiffened by 7 x 3 x .40 B.A.									

\* 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.)

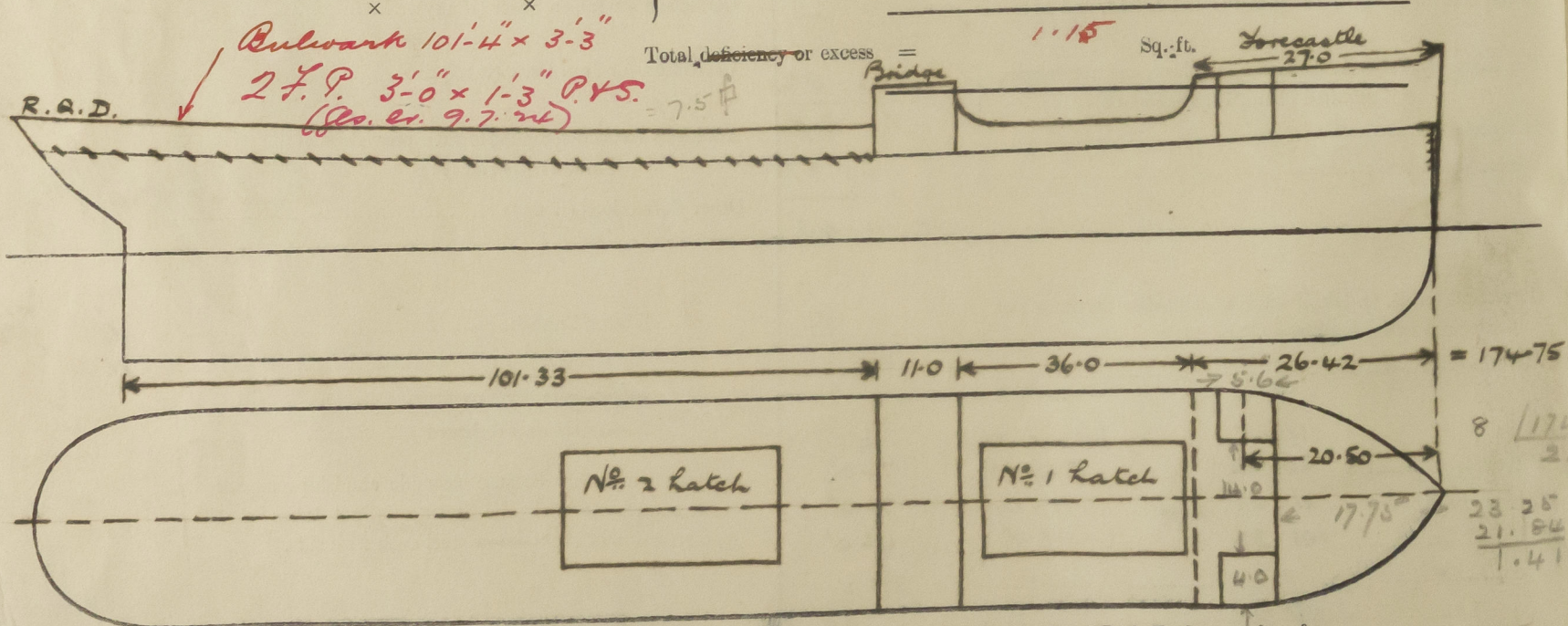
The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.  
 What is the thickness of the Bridge Sheerstrake? *Strake between Main and Bridge Sheerstrakes?*

Delete the words *The Crew are 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 *36'-0"* Height *4'-3"* Area = *153.59 sq. ft.*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *10.1* Sq. ft.

Ft. Tenths. Ft. Tenths. No. *2.5 x 1.5 x 3*  
 Freeing Ports (each side of vessel) = *11.25* 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

*Application form enclosed, together with midship Section & Profile for reference.*

Builder's name and yard number *Scott & Sons, Bowling. No. 295*

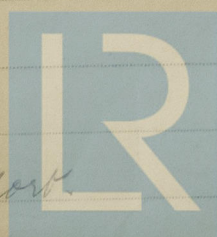
Names of sister vessels ☒

Owners *William Robertson,*

Address *Glasgow.*

Fee £ *4 : 0 : 0*

Received by me *See F. C. Report*



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