

EXT *GLS*
7.7.32

Amended Report WED. 1 JUN. 1921

Index No. 29985
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD, STEAM SHIPS

No 17829.

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
Name of Surveyor H. March

CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.
Messrs Scotts & Co Ltd No 510

Ship's Name	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<i>Gracia</i>	<i>Glasgow</i>	<i>144258</i>		<i>1921</i>	<i>100A.1 Contemplated</i>
Number in Register Book	<i>British</i>				

ered s from gister.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	415.5	54.25	30.85	5261.48
an	412.58	Frame Depth 11 Rule " 62	Ceiling flat Sheer 4.58	Peak Tanks
		- .75	Peak drops 2"	7" Framing between peaks
			+0.8	-23.
	412.58	53.5	31.51	5238.48

Moulded Depth as measured..... 33' 5"

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

Addition for Keel below base line
for draught record.....inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	412.58
Length in Table	401
Difference	11.58 ✓
Correction for 10ft., Table A.	1.7
× Difference divided by 10	1.96
	(if required.)
If $\frac{6}{10}$ ths length covered divide by 2	.98
	+1" ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered 628
Thickness of usual wood deck, less stringer	32

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 amidsthips.....	54
Round of Beam.....	13½
Normal round.....	13½
Difference	✓ ÷ 2 =.....
Proportion of Deck uncovered (Para. 19)	

heer { At front of bridge house.....
 ships {
 (e)] { At after end of forecastle

$$\left. \begin{array}{l} \text{sheer} \\ (d) \end{array} \right\} \div 2 =$$

ALLOWANCE FOR DECK ERECTIONS:—

Table C..... 5. 84
for Length, if required (Para. 12, 13, and 14)

by Table A. corrected for sheer, and for length, } 8 " 4 ✓
if required (Para. 12, 13, and 14) }

as below..... $2'' 7\frac{3}{4}$
..... 42.8°

13.59
-132

for R. Q. Dk. if engine and boiler openings not
 d by bridge house (Para. 11)
 or Deck Erections

	Length.	Length allowed.	Height.
e.....	45.87	45.87 ✓	8.0
shell.....	29.25	14.62 ✓	8.0
louse.....	150.75	150.75 ✓	8.6
shell.....	27.00	13.50 ✓	8.0
On Dr.....	34.50	34.50 ✓	8.0

Total	<u>259.24</u> ✓	= 628 ✓
h of Ship	<u>412.58</u>	

sponding percentage
 ara. ~~11, 12, 13, or 14~~) $\left\{ \begin{array}{l} 42.8\% \end{array} \right.$

BOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :—
 3. 6. 21. Fresh Water Line above centre of Disc
 Indian Summer Line " " "
 Winter Line below " "
 Winter North Atlantic Line " " "

Winter Freeboard	7	1	✓
Summer Freeboard	6	7	✓
Indian Summer Freeboard	6	1	✓
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.

Winter Freeboard from deck line	7'	2	3	✓
Summer " " " "	6'	8	3	✓
Indian Summer " " " "	6'	2	3	✓
N. A. Winter " " " "	7'	2	3	✓

† 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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measured relative to the straight
line the vessel's drift at time of
reported.

MARKING REPORT
RECEIVED 8.6.21

W 398-0037

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? *No. A. Framing*
 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 *Shifting boards full height in riveted channels*
 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 *Hinged steel doors*
 What is the thickness of the Bridge Front plating? *.440* and Coaming plate? *.44*
 Give scantlings and spacing of the Stiffeners *8 1/2 x 3 1/2 x 64 B. A spaced 30"*
 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? *Shifting boards full height in riveted channels*
 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 Bridge*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *yes*
 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*

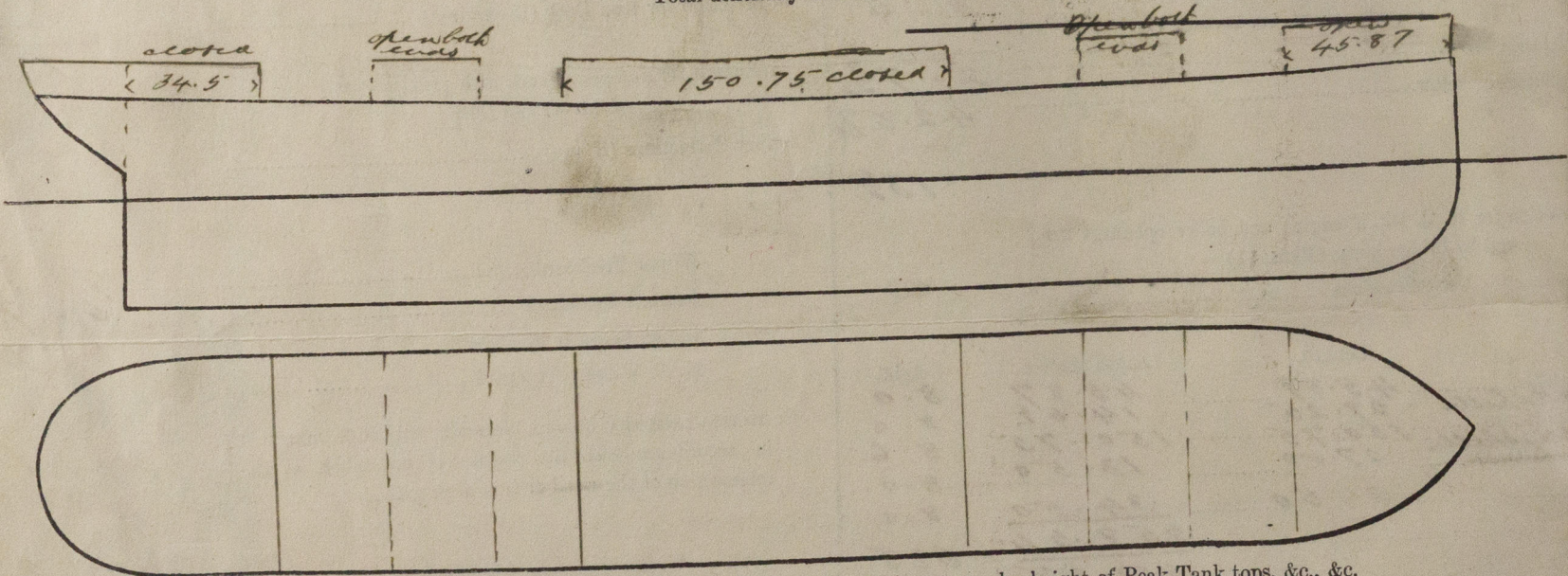
Position and Size.	No. 1 22-6 x 16-0	No. 2 31-6 x 16-0	No. 3 on Br. 15-9 x 16-0	No. 4 on Br. 11-3 x 16-0	No. 5 27-0 x 16-0	No. 7 on 8-3
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING. Height above top of DECK	30"		30"		30"	
Thickness { Sides.....	.44		.44		.44	
Ends.....	.44		.44		.44	
SHIFTING BEAMS OR WEB PLATES. Number.....	4		6		2	
Section and Scantlings.....	7 1/2 13 x 34		same as Nos 1 & 6		7 1/2 14 1/2 x 34	
Material.....	Steel				1 1/2 3 1/2 x 3 x 42	
* FORE AND AFTERS. Number.....	None		None		None	
Section and Scantlings.....						
Material.....						
HATCHES Thickness.....	3"		3"		3"	
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.

Length of Bulwarks in well = Sq. ft.
 Area of Freeing Ports required by Para. 11 (e) each side of vessel =
 Ft. Tenth. Ft. Tenth. 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 *The approved plans of Midship Section, Profile & R Plans are forwarded for reference*

Owners

Address

Loc & //

Received by me



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