

Re-assignment with Tonnage opening

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. 25285
(For London Office only.)

REGULATIONS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
SHORT 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 Newcastle-on-Tyne
Date of Survey 14.4.19
Name of Surveyor _____

Name	Port of Registry and Nationality <u>Cardiff</u>	Official Number <u>139622</u>	Gross Tonnage	Date of Build <u>1917</u>	Particulars of Classification <u>+100 Ft. Shelter deck with fwd.</u>
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BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>52.05</u>	<u>24.35</u>	<u>4233.04</u>
Frame Depth Rule	Ceiling <u>+ .20</u> Sheer <u>+ 1.20</u> <u>5" drop in tank</u> <u>- .83</u> <u>5" = +.20</u>	Peak Tanks
<u>51.22</u>	<u>25.95</u>	<u>4233.04</u>

Moulded Depth as measured..... 27-0

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

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

.798
6.0 B.
.778

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>399.7</u>
Length in Table	<u>374</u>
Difference	<u>75.7</u>
Correction for 10ft., Table A.	<u>1.4</u> Table C. ✓
× Difference divided by 10	<u>10.6</u> (if required.)
If $\frac{1}{10}$ ths length covered divide by 2	<u>5.3 + 5/4</u>

186 ÷ 2 = 93 ...Mean

Stem 67.62 Sternpost 35.12 $\frac{67.62 + 35.12}{2} = 51.37$...Mean
÷ .55
= 93.41

Para. 18] 49.97 Correction
Difference..... 43.23 ÷ 4 =
- 10 3/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered

Thickness of usual wood deck, less stringer 3/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>51-0 3/4</u>
Round of Beam	<u>13.5</u>
Normal round.....	<u>12.75</u>
Difference	<u>.75 ÷ 2 = .37</u>
Proportion of Deck uncovered (Para. 19)	✓

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

of bridge house..... ✓

end of forecastle

÷ 2 = ✓

Correction

Freeboard, Table A	
Correction for Sheer	<u>6-4 1/2</u>
Correction for Length	<u>- 10 3/4</u>
Allowance for Deck Erections	<u>5-5 3/4</u>
Correction for Round of Beam.....	<u>+ 5 1/4</u>
Correction for fall in Sheer (if any).....	<u>5-11</u>
Correction for Iron Deck (if required)	<u>- 2-0 1/4</u>
Other Corrections (if any)	<u>3-10 3/4</u>
Winter Freeboard	<u>3-7 1/4</u>
Summer Freeboard	<u>3-13 1/4</u>
Indian Summer Freeboard	<u>2-8 1/4</u>
N. A. Winter Freeboard	✓

NOTE FOR DECK ERECTIONS:—

Required (Para. 12, 13, and 14) 3-4

Corrected for sheer, and for length, (Para. 12, 13, and 14)

..... 5-5 3/4

..... 2-13 1/4

..... 94.46%

..... 24.33

..... 24 1/4

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood of iron deck with side.

..... 1 3/4

Length.	Length allowed.	Height.
<u>64.2</u>	<u>364</u>	} <u>8-0 3/4</u> side
<u>4.29</u>	<u>2.15</u>	
<u>31.21</u>	<u>31.21</u>	
<u>99.7</u>	<u>397.36</u>	
	<u>399.7</u>	<u>= .9946</u>

Winter Freeboard from deck line	<u>3-9</u>
Summer " " " "	<u>3-3 1/2</u>
Indian Summer " " " "	<u>2-10</u>
N. A. Winter " " " "	✓

94.46%

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

Fresh Water Line above centre of Disc	<u>3-3 1/2</u>
Indian Summer Line " " " "	<u>6 3/4</u>
Winter Line below " " " "	<u>5 1/2</u>
Winter North Atlantic Line " " " "	<u>5 1/2</u>

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.

ceiling are of unusual thickness the breadth of vessel to inside if possible.
for deck erections under Para. 11 where the sheer drops abaft amid-
s to be taken from the level of the top of the amidship beam.
Standard mean sheer means the sheer measured at the stem and stern-
and forecastles, it means the sheer measured at points distant
from stem and stern-post.

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Do all the Frames extend to the top height in the Poop? Raised Quarter Deck? Bridge House?
 To what height do the Reverse Frames extend?
 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
 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 hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwark?
 Are bracket plates fitted at each end of the Stiffeners?
 Has the Bridge House an efficient Iron Bulkhead at the after end?
 How are the openings closed? Has the Forecastle an efficient Iron or Wood Bulk'd. at the
 Is the Forecastle at least as high as the main or top-gallant rail?
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?
 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:—

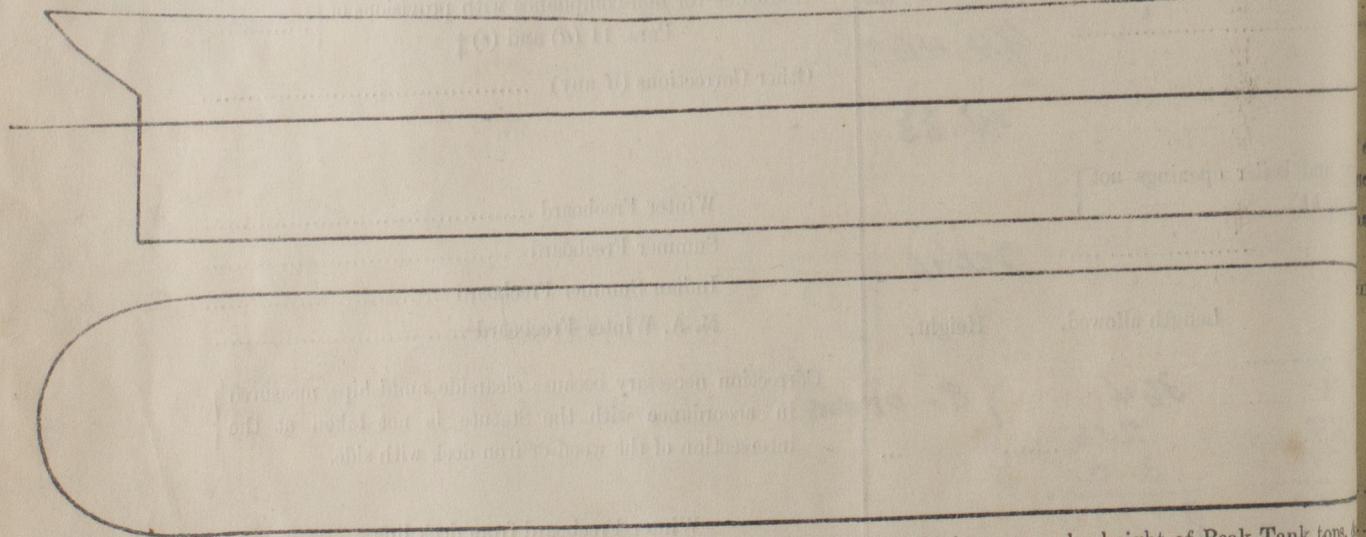
Position and Size.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.									
COAMING.	Height above top of DECK								
	Thickness { Sides..... Ends.....								
SHIFTING BEAMS OR WEB PLATES.	Number								
	Section and Scantlings								
	Material								
* FORE AND AFTERS.	Number								
	Section and Scantlings								
	Material								
HATCHES	Thickness								
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 assailed, 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 13. 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 satisfied.

Length of Bulwarks in well					Sq. ft.
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.

State any special features in the construction of the Vessel

Owners

Address

Fee £ Received by me