

Re-assignment with Tonnage opening

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. **25285**  
(For London Office only.)

RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH  
FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR  
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

Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>Cardiff</u>	<u>139622</u>		<u>1917</u>	<u>+100 Ft. Shelter deck with fwd.</u>

BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>52.05</u>	<u>24.35</u>	<u>4233.04</u>
Frame Depth	Ceiling +.20	Peak
Rule "	Sheer +1.20	Tanks
	<u>5" drop in tank</u>	
	<u>-.83</u>	<u>5" = +.20</u>
<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.

### CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 399.7  
Length in Table ..... 374  
Difference ..... 75.7  
Correction for 10ft., Table A. .... 1.4 Table C. ✓  
× Difference divided by 10 ..... 10.6 (if required.)  
If  $\frac{1}{10}$ ths length covered divide by 2 5.3 + 5½

### CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered .....  
Thickness of usual wood deck, less stringer ..... 3½

— 3½

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 51-0¾  
Round of Beam ..... 13.5  
Normal round..... 12.75  
Difference ..... 75 ÷ 2 = .37  
Proportion of Deck uncovered (Para. 19) .....

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

Freeboard, Table A .....  
Correction for Sheer ..... 6-4½  
Correction for Length ..... 5-5¾  
Allowance for Deck Erections ..... 5-11  
Correction for Round of Beam..... 2-0½  
Correction for fall in Sheer (if any).....  
Correction for Iron Deck (if required) ..... 3-10¾  
Additions for non-compliance with provisions of  
Para. 11 (a) and (e) † .....  
Other Corrections (if any) .....

Winter Freeboard ..... 3-7¼  
Summer Freeboard ..... 3-1¾  
Indian Summer Freeboard ..... 2-8¼  
N. A. Winter Freeboard .....

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.

Winter Freeboard from deck line ..... 3-9  
Summer " " " " ..... 3-3½  
Indian Summer " " " " ..... 2-10  
N. A. Winter " " " " .....

.798

.6013.

.778

186 ÷ 2 = 93 ... Mean

Stem 67.62 102.74 ÷ 2 = 57.37 ... Mean  
Sternpost 35.12 ÷ .55 = 93.41

93.2 = 93.41

le, Para. 18] ..... 49.97 Correction

ference..... 43.23 ÷ 4 =

..... -10¾

of bridge house.....

end of forecastle .....

÷ 2 =

Correction

NOTE FOR DECK ERECTIONS:—

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

ected for sheer, and for length, } 5-5¾  
Para. 12, 13, and 14) "

..... 2-1¾

..... 94.46%

..... 24.33

engine and boiler openings not }  
e (Para. 11)

..... 24¼

Length. Length allowed. Height.

64.2 ..... 364 } 8-08 side

4.29 ..... 2.15 }

31.21 ..... 31.21 }

99.7 ..... 397.36

..... 399.7 = 99.46

..... 94.46%

ended 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 " " " " .....

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.

† 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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W505-0163

RECEIVED 5.5.19

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 bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulw.

Has the Bridge House an efficient Iron Bulkhead at the after end?

How are the openings closed?

Is the Forecastle at least as high as the main or top-gallant rail? Has the Forecastle an efficient Iron or Wood Bulk'd. at a

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 weath

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:—

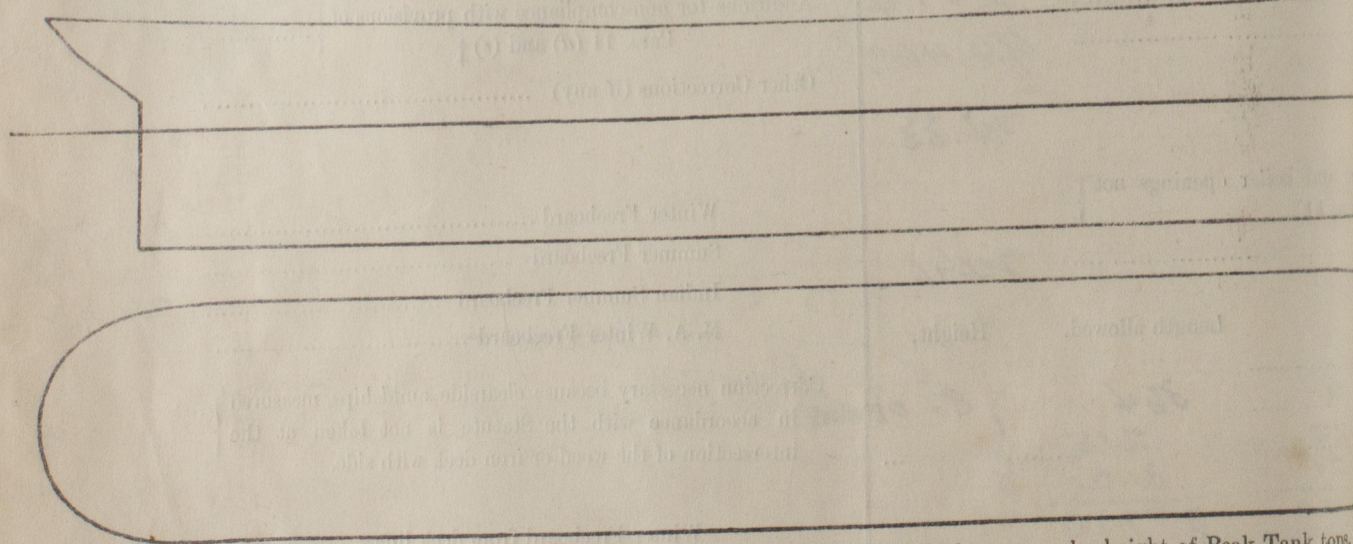
Position and Size.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
Item.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
COAMING.	Height above top of DECK																
	Thickness { Sides.....																
	{ Ends.....																
SHIFTING BEAMS OR WEB PLATES.	Number .....																
	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 assig  
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  
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 suit

Length of Bulwarks in well							Sq. ft.
Area of Freeing Ports required by Para. 11 (e) each side of vessel					=		
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

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