

# 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 FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES OTHERWISE.

Port of Survey Newcastle  
Date of Survey 1/4/20  
Name of Surveyor J. Webb

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*Handwritten notes:*  
Name Depth 10' Ceiling  
Sheer +58'  
Depth to inner bottom 28.46  
- .66

**RETAIN**

BREADTH.	DEPTH.	UNDER DECK TONNAGE.
52.48	28.21	4733.69
51.82	29.04	4733.69
Mean $2 \frac{1}{2} = 79.25$ $4'-10" \div 2 = 39$ Mean $1-8 \div 2 = 39$ $70.9 \div .55 = 70.9$ $50.1$ $20.8 \div 4 = -5 \frac{1}{4}$		
DECK ERECTIONS :- 4 .. 9 $\frac{1}{2}$ + 2 $\frac{1}{4}$ 4 .. 11 $\frac{3}{4}$ Sheer, and for length, } 3, and 14) } 7 .. 10 $\frac{1}{2}$ 2 .. 10 $\frac{3}{4}$ 36.8% 12 $\frac{3}{4}$ boiler openings not }		
Length allowed. 50.64 Height. 7'-6" 123.50 8'-0" 50.66 7'-6" 224.80 401 = .56		
from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :- Indian Summer Line above centre of Disc Winter Line below " " Winter North Atlantic Line " "		

Port of Registry and Nationality. London  
 Official Number. 144436  
 Gross Tonnage. 5034.70  
 Date of Build. 1910-11  
 Particulars of Classification. not now classed  
100.A.1. originally

BREADTH. 52.48  
 DEPTH. 28.21  
 UNDER DECK TONNAGE. 4733.69

Moulded Depth as measured 31.0  
 Addition for Keel below base line for draught record 1  $\frac{3}{4}$  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 Leadline 401  
 Length in Table 372  
 Difference 29  
 Correction for 10ft., Table A. 1.6 Table C. .8  
 x Difference divided by 10 4.64 (if required.) 2.32  
 If  $\frac{1}{10}$ ths length covered divide by 2 + 2  $\frac{3}{4}$  + 2  $\frac{1}{4}$

### CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{2}{3}$ ths length covered .56 wood deck laid in wells  
 Thickness of usual wood deck, less stringer 3  $\frac{1}{2}$   
3" sheathing in wells Correction -  $\frac{1}{4}$  no sheathing under bridge - 3  
 Total - 3  $\frac{1}{4}$

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 51-6  
 Round of Beam 1-1  
 Normal round .....  
 Difference .....  
 Proportion of Deck uncovered (Para. 19) .....

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

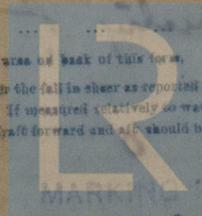
Freeboard, Table A 7.11  
 Correction for Sheer - 5  $\frac{1}{4}$   
7.5  $\frac{3}{4}$   
 Correction for Length + 4  $\frac{3}{4}$   
7.10  $\frac{1}{2}$   
 Allowance for Deck Erections - 1.0  $\frac{3}{4}$   
6.9  $\frac{3}{4}$   
 Correction for Round of Beam .....  
 Correction for fall in Sheer (if any) .....  
3" sheathing in wells. no sheathing under bridge  
 Correction for Iron Deck (if required) - 3  $\frac{1}{4}$   
6.6  $\frac{1}{2}$   
 Additions for non-compliance with provisions of Para. 11 (d) and (e)  $\dagger$  .....  
 Other Corrections (if any) .....

Winter Freeboard 6.6  $\frac{1}{2}$   
 Summer Freeboard 5  $\frac{1}{2}$   
 Indian Summer Freeboard 5.9  $\frac{1}{2}$   
 N.A. Winter Freeboard .....  
 Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the upper iron deck with side. 1  $\frac{3}{4}$   
 Winter Freeboard from deck line 6.8  $\frac{1}{4}$   
 Summer " " " 6.2  $\frac{3}{4}$   
 Indian Summer " " " 5.9  $\frac{1}{4}$   
 N.A. Winter " " " .....

\* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
 † In vessels obtaining 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.  
 ‡ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and stern-post.

† State dimensions of freeing port area of tank 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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Do all the frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge? *Yes* Forecastle? *Yes*  
 What height do the Reverse Frames extend? *deep level angle frames*  
 Has the Poop Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *Wood full height in riveted channels*  
 Is the Top of Raised Quarter Deck connected with the Bridge House? *no hinged* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *a W.T. door fastened with clamps*  
 What is the thickness of the Bridge Front plating? *.40.* and Coaming plate? *16x16x.40. angle bar forms coaming*  
 Give scantlings and spacing of the Stiffeners *8 1/2 x 4 x 10/20 B. G. spaced 2-2 1/2*  
 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? *Wood 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 allways*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Yes*

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? *7'-6" deckhouse* 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*

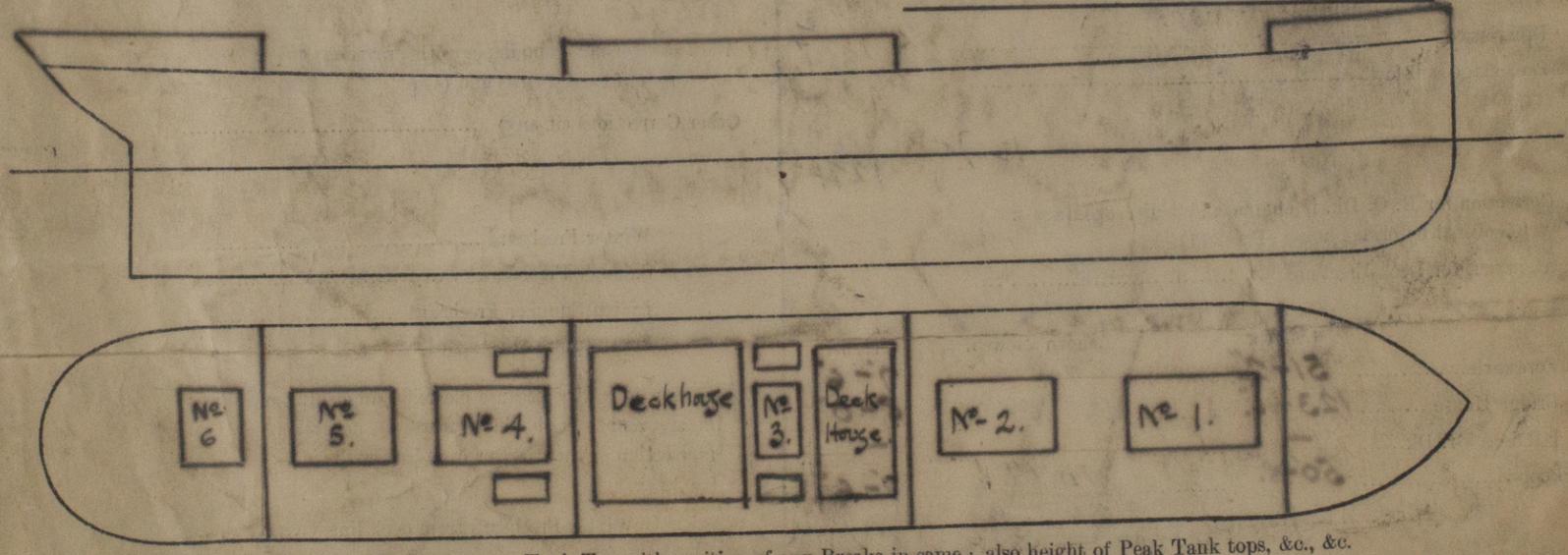
Position and Size.	No. 1: 17'-4" x 14'-1"		No. 2: 28'-2" x 15'-6"		No. 3: 13'-6" x 12'-2"		No. 4: 21'-8" x 14'-1"		No. 5: 21'-8" x 14'-1"		13'-0" x 12'-2"
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING											
Height above top of DECK	2'-9"		2'-9"		2'-9"		2'-9"		2'-9"		2'-9"
Thickness	Sides.....	.36"	.44"		.36"		.44"		.44"		.36"
	Ends.....	.36"	.40"		.36"		.40"		.40"		.36"
SHIFTING BEAMS OR WEB PLATES	Number.....	TWO.	FOUR		TWO.		THREE		THREE		TWO.
	Section and Scantlings.....	7/8" Web. 26 3/4" x .44	do.		do.		do.		do.		do.
	Material.....	4x3x.40" Bars. 3x1 1/2" Solid mldg.	do.		do.		do.		do.		do.
* FORE AND AFTERS.	Number.....										
	Section and Scantlings.....	None	None		None		None		None		None
	Material.....										
HATCHES Thickness.....	3"		3"		3"		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 = \_\_\_\_\_ Sq. ft.  
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports = \_\_\_\_\_ Sq. ft.  
 (each side of vessel)  
 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  
*Original approved Plans of Midship Section & Profile, and 1st Entry report returned herewith.*  
 Owners *Ministry of Shipping*

Address *67 1/2 W 17th St NY*  
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