

Sou. Rep. No. 10906.

Index No. 29891.  
(For London Office only.)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

RELATING TO ~~THE~~ STEAM SHIP ~~EITHER FLUSH DECKED, OR WITH FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR HALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.~~

Port of Survey Southampton  
Date of Survey while Building  
Name of Surveyor John A. Lawson

Ship's Name <b>HT "</b>	Port of Registry and Nationality. <b>British</b>	Official Number. <b>-</b>	Gross Tonnage. <b>approx. 750</b>	Date of Build. <b>1921</b>	Particulars of Classification. <b>100 A.1. Contemplates.</b>
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LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
181.	29.4	11.4	485.23
179.5	29.08	12.25	482.83

Moulded Depth as measured..... **13'-6"**

Addition for Keel below base line for draught record..... **1 1/2** inches.

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

13-6  
7  
14-1  
2-7 1/2  
11-8 1/2

Business..... **.75**

in necessary to (e)\* } **.03 - .02**

corrected ..... **.73**

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<b>179.5</b>	
Length in Table .....	<b>162</b>	
Difference .....	<b>17.5</b>	
Correction for 10ft., Table A. ....	<b>.9</b>	Table C. <input checked="" type="checkbox"/>
× Difference divided by 10 .....	<b>1.57</b>	(if required.) <input checked="" type="checkbox"/>
If 1/10ths length covered divide by 2	<b>.78</b>	<b>+ 3/4</b> ✓

75 } **117** ÷ 2 = **58.5** Mean **59.09**  
42 } **36** **31.14**  
**86**

length from Stem **42** } **65** ÷ 2 = **32.5** Mean  
Sternpost **23** } **55** = **59.09** ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ..... **over 8/10**

Thickness of usual wood deck, less stringer ..... **3"** **-3"**

Sheer [Table, Para. 18] ..... **58.79** ✓ Correction  
Difference..... **30.84** ÷ 4 = **7.71** ✓  
Para. 18 (f) ..... ✓ **- 7 3/4**

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<b>29.16</b>	
Round of Beam .....	<b>7</b>	
Normal round.....	<b>7.29</b>	
Difference .....	<b>.29</b>	÷ 2 = <b>.14</b>
Proportion of Deck uncovered (Para. 19) .....	<b>.176</b>	✓

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

At front of bridge house..... ✓

At after end of forecastle ..... ✓

÷ 2 = ✓

Correction

Freeboard, Table A .....	<b>2-1</b> ✓
Correction for Sheer .....	<b>- 7 3/4</b> ✓
Correction for Length .....	<b>+ 1-5 1/4</b> ✓
Allowance for Deck Erections .....	<b>- 1-6</b> ✓
Correction for Round of Beam.....	<b>- 8 1/4</b> ✓
Correction for fall in Sheer (if any).....	<b>0-9 3/4</b> ✓
Correction for Iron Deck (if required) .....	<b>- 3</b>
Other Corrections (if any) .....	<b>0-6 3/4</b>

ALLOWANCE FOR DECK ERECTIONS:—

At front of bridge house..... **5** ✓

At after end of forecastle..... ✓

Correction

Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) ..... **1-5 1/2** ✓

Correction ..... **1-0 1/4** ✓

71% ✓

**- 8.70** ✓

Small Bridge House. **+ .35** ✓

Q. Dk. if engine and boiler openings not in bridge house (Para. 11) } **8.35** ✓

Deck Erections ..... **- 8 1/4** ✓

Additions for non-compliance with provisions of Para. 11 (d) and (e) } **brews gangway will be fitted** ✓

Other Corrections (if any) ..... **R.S.D.** **4.0** ✓

Winter Freeboard ..... **4-6 3/4** ✓ **4-8 1/4**

Summer Freeboard ..... **2** **4-6 1/4**

Indian Summer Freeboard ..... **4-4 1/4**

N. A. Winter Freeboard .....

Length.	Length allowed.	Height.
34.4	31.0	7.5
11.0	11.0	7.5
102.66	102.66	4.0
148.06	144.66	805
179.5	179.5	

Percentage { **71.00** % ✓

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. **R.S.D.** **1/4"** ✓

Winter Freeboard from deck line ..... **4-8** ✓ **4-9 1/2**

Summer " " " " ..... **4-6** ✓ **4-7 1/2**

Indian Summer " " " " .....

N. A. Winter " " " " .....

recommended 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 " " " " .....

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.

planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.

an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the R.Q.D. is to be taken from the level of the top of the amidship beam.

els the total standard mean sheer means the sheer measured at the stem and stern, having poops and forecastles, it means the sheer measured at points distant vessel's length from stem and stern-post.

W382-0133

1480  
40 x 10.6 = 3.5

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? *across floors*  
 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 *no openings*  
 Is the ~~Poop~~ 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 *no openings*  
 What is the thickness of the Bridge Front plating? *.26* and Coaming plate? *.30*  
 Give scantlings and spacing of the Stiffeners *6" x 3' .40" B.A. spaced 30" apart.*  
 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? *no openings*  
 Is the Forecastle at least as high as the main or top-gallant rail? *yes* Has the Forecastle an efficient ~~Iron or Wood~~ *Steel* 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~~ *Iron or Steel* Deckhouse? *yes*  
 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 *.32 Boaming. .26 plating. stiff. 3" x 2 1/2" x 32" L. spaces about 30"*  
 What is the height of the exposed Casings? *7' 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 For 30.11 x 18.0		No. 2 29.9 x 18.0							
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING										
Height above top of DECK	36"	36"	30	30						
Thickness	Sides.....	.44	.44	.44						
	Ends.....	.44	.44	.44						
SHIFTING BEAMS OR WEB PLATES.	Number.....	6	6	5						
	Section and Scantlings.....	7 1/2" - 15 x 36	7 1/2" - 15 x 36	4 x 3" .44 top alternate webs to Hatch Top.						
	Material.....	Steel	Steel							
* FORE AND AFTERS.	Number.....	Hatchway pairs fore aft.								
	Section and Scantlings.....									
	Material.....									
HATCHES Thickness.....	2 1/2"	2 1/2"	2 1/2"	2 1/2"						
Remarks.....	W.P.	W.P.	W.P.	W.P.						

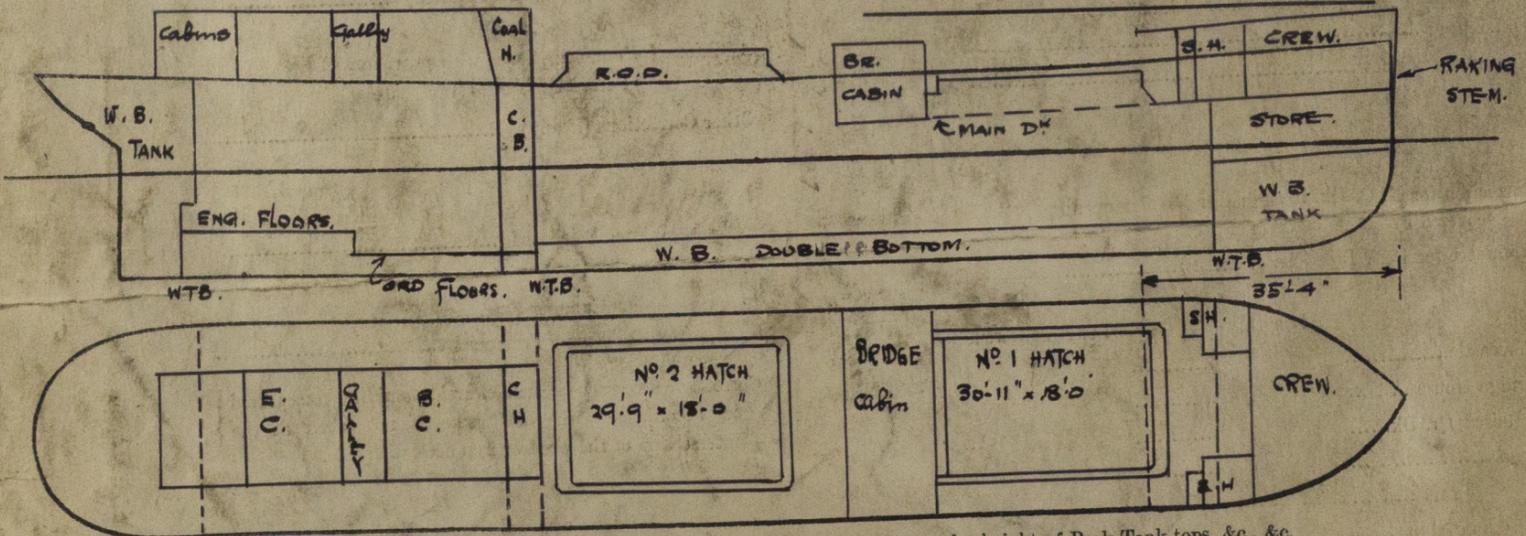
\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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? *.26* Strake between Main and Bridge Sheerstrakes? *.62 (BREAK)*

Delete the words { The Crew ~~are, are not~~, berthed in the bridge house. *will be*  
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters *are, are not* satisfactory. *will be*

Length of Bulwarks in well = *30.83*  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *9.6* Sq. ft.  
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports = *10.5* Sq. ft.  
*3.5* x *1.5* x *2* (each side of vessel)  
 Total deficiency or excess = *.9* 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.

Displacement scale + Tons per inch herewith.

State any special features in the construction of the Vessel

*This vessel has been built in accordance with the approved plans herewith for reference.*

Builders, Owners *Messrs J.S. White & Co. Ltd.*

Address *Bowen.*

No. *4* : *0* : *0* Received by me



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