

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

Port of Survey

Date of Survey

Name of Surveyor

25. 4. '21.

Ship's Name	Port of Registry and Nationality	Official Number	Gross Tonnage	Date of Build	Particulars of Classification
Raylight	British	145586	approx. 7899	1921	100A1 Contemplated.
Number in Register Book					

Registered from	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	181	29.4	11.4	485.23
	179.5	Frame Depth 52	Ceiling fitted	Peak Incl
		Rule 32	Sheer 4.86	Tanks
		16x2	Span fitted	ER. +3.0
		- .32	Level Bank	BR. -5.4
				-2.4
	179.5	29.08	12.26	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.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	179.5
Length in Table	162
Difference	17.5
Correction for 10ft., Table A.9
× Difference divided by 10	1.57
If $\frac{1}{10}$ ths length covered divide by 278
	+ 3/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered	over 8/10
Thickness of usual wood deck, less stringer	3" -3"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	29.16
Round of Beam	7
Normal round.....	7.29
Difference29
Proportion of Deck uncovered (Para. 19)176

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

Stem	42
Sternpost	23
Length from	65
Mean	32.5
Correction	7.71
Difference.....	30.84
÷ 4 =	7.71
At front of bridge house.....	
At after end of forecastle	
÷ 2 =	
Correction	

At front of bridge house.....	
At after end of forecastle	
÷ 2 =	
Correction	

ALLOWANCE FOR DECK ERECTIONS:—	
Height, if required (Para. 12, 13, and 14)	5
Corrected for shear, and for length, required (Para. 12, 13, and 14)	1-5 1/4
Correction	1-0 1/4
71%	
-8.70	
Small Bds. House	+ .35
Q. Dk. if engine and boiler openings not	8.35
Bridge house (Para. 11)	-8 1/4
Erections	

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%**

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	" " "	...

Freeboard, Table A	2 - 1
Correction for Sheer	- 7 1/4
Correction for Length	+ 3/4
Allowance for Deck Erections	- 8 1/4
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	✓
Correction for Iron Deck (if required)	- 3
Additions for non-compliance with provisions of Para. 11 (d) and (e) R.R.D.	0 - 6 3/4
Other Corrections (if any)	4 - 0
	4 - 8 1/4

Winter Freeboard	4 - 8 1/4
Summer Freeboard	4 - 6 1/4
Indian Summer Freeboard	
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	4 - 9 1/2
Summer " " " "	4 - 7 1/2
Indian Summer " " " "	
N. A. Winter " " " "	

Winter Freeboard from deck line	4 - 7 1/2
Summer " " " "	3 1/2
Indian Summer " " " "	2
N. A. Winter " " " "	✓

State dimensions of freeing port area on back of this form.

The Surveyor should state whether the fall in shear 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.