

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 7-2-27

Name of Surveyor

Ship's Name Measure the Furness 813. Co
Nº 121 Ship

Number in Register Book

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification.

+ 100 M

Carrying petroleum in bulk

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	190.75	32.12	15.0	695
Length on LOADLINE.	190.0	Frame Depth Rule	„ „ „	Ceiling Sheer
CORRECTED DIMENSIONS.	190.0			

Moulded Depth as measured..... 15'-0"

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

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

CORRECTION FOR LENGTH

Length of Ship on Loadline.....	190
Length in Table	180
Difference	10
Correction for 10ft., Table A.	1.0
× Difference divided by 10	1.0
If $\frac{1}{10}$ ths length covered divide by 25
	+ 1/2

CORRECTION FOR IRON DECK.

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

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	32.0'
Round of Beam	8"
Normal round.....	8"
Difference	✓ ÷ 2 =
Proportion of Deck uncovered (Para. 19)	-

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

Co-efficient of fineness..... Δ coefft 756
Any modification necessary {
[Para. 4 (a) to (e)]* }
Co-efficient as corrected Say 76 provisionally

Sheer { Stem..... 54' }
at { Sternpost ... 27' } $81 \div 2 = 40.5$... Mean
Sheer at $\frac{1}{2}$ of the length from { Stem 29.75 }
{ Sternpost 14.87 } $44.62 \div 2 = 22.31$... Mean
Gradual mean Sheer allowed 40.53
Standard mean Sheer [Table, Para. 18] 29.00 Correction
Difference..... $11.53 \div 4 = 2.88$
§ If limited as Para. 18 (f) - 3"

Rise in Sheer { At front of bridge house..... }
from amidships { At after end of forecastle }

Fall in Sheer {
Para. 18 (d) } $\div 2 =$
Length uncovered Nil. Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 7 0'-7"
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) 27.12 2'-3"
Difference 20.12 1'-8"
Percentage as below..... 51.6%
10.38 10.32

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)

Allowance for Deck Erections 10 1/4"

	Length.	Length allowed.	Height.
Forecastle.....	24.5	24.50	7.5
Bridge House			
† Raised Q. Dk.....	$86.32 \times \frac{15}{32} \times \frac{8}{10} =$	32.37	4'-0"
Poop.....	79.00 + overhang 3.7	79.18	7'-6"
Total		$\frac{136.05}{190} =$	716
Length of Ship	190		
Corresponding percentage { (Para. 11, 12, 13, and 14) }	51.6%		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Steel) Deck:—

Fresh Water Line	above centre of Disc	...
Indian Summer Line	" "	...
Winter Line	below " "	...
Winter North Atlantic Line	" "	...

Winter Freeboard	14.24	1'-2 1/4"
Summer Freeboard	1.86 13/4	1'-0 1/2"
Indian Summer Freeboard	12.38	0'-10 3/4"
N. A. Winter Freeboard		1'-4 1/4"

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

1 1/4"

Winter Freeboard from deck line	1'-3 1/2"
Summer " " " "	1'-1 3/4"
Indian Summer " " " "	1'-0"
N. A. Winter " " " "	1'-5 1/2"

Winter Freeboard from deck line 1'-2"

Summer " " " " 3 3/4"

Indian Summer " " " " 2"

N. A. Winter " " " " 3 1/2"

† 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.

§ 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 amidship 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.