

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 _____

Ship's Name... *the Furness S.B. Co.*
N^o 108 1109 ships
Number in Register Book _____

Port of Registry and Nationality. _____

Official Number. _____

Gross Tonnage. _____

Date of Build. _____

Particulars of Classification. _____

+100A1

(contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>347.8</i>	<i>52.8</i>	<i>23.05</i>	<i>3403.77</i>
Length on LOADLINE.	<i>347.0</i>	Frame Depth <i>6 3/4</i> Rule <i>6 3/4</i> <i>x2 = .12</i> <i>No sparring +33</i>	Ceiling <i>+20</i> Sheer <i>-41</i> <i>25.5</i> <i>31 floor</i>	Peak <i>25.5</i> Tanks <i>353.23</i> <i>Estimated tonnage below tank top = 60.7</i> <i>Standard 31-600</i>
CORRECTED DIMENSIONS.	<i>347.0</i>	<i>53.01</i>	<i>25.29</i>	<i>3757.00</i>

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.

27'-0"
1'-1"
28'-1"
2'-7"
25'-6"

CORRECTION FOR LENGTH

Length of Ship on Loadline.....	<i>347</i>
Length in Table	<i>324</i>
Difference	<i>23</i>
Correction for 10ft., Table A.	<i>1.4</i> Table C. <i>.7</i>
× Difference divided by 10	<i>3.22</i> (if required.) <i>1.61</i>
If $\frac{1}{10}$ ths length covered divide by 2	<i>+3 1/4"</i> <i>+1 1/2"</i>

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered	<i>.442</i>
Thickness of usual wood deck, less stringer	<i>3 1/4"</i> <i>1.44</i> <i>-1 1/2"</i>

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>52'-6"</i>
Round of Beam	<i>13"</i>
Normal round.....	<i>13.12</i>
Difference	<i>.12 ÷ 2 = .06</i>
Proportion of Deck uncovered (Para. 19)	<i>✓</i>

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

Co-efficient of fineness..... *.808*
Any modification necessary [Para. 4 (a) to (e)]* *✓*
Co-efficient as corrected *.81* *✓*

Sheer { Stem..... *72* }
at { Sternpost ... *36 1/2* } $\div 2 =$...Mean *36 14.67*

Sheer at $\frac{1}{2}$ of the length from { Stem *22* }
{ Sternpost *10 1/2* } $\div 2 =$...Mean *.41*

Gradual mean Sheer *7.50*
Standard mean Sheer [Table, Para. 18] *26.82* Correction
Difference..... *19.32 ÷ 4 = 4.83*
§ If limited as Para. 18 (f) *+4 3/4"*

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 Correction

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....	<i>3'-4 1/2"</i>
Correction for Length, if required (Para. 12, 13, and 14)	<i>+ 1 1/2"</i>
Freeboard by Table A, corrected for shear, and for length, if required (Para. 12, 13, and 14) }	<i>3'-6"</i> <i>6'-9 1/4"</i>
Difference	<i>3'-3 1/4"</i>
Percentage as below.....	<i>28.29%</i> <i>11.10</i>

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

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	<i>52'-6"</i>	<i>52.5</i>	<i>7'-6"</i>
Bridge House			
† Raised Qr. Dk.....			
Poop.....	<i>100'-10 1/2"</i>	<i>100.87</i>	<i>7'-6"</i>
Total		<i>153.37</i>	
Length of Ship		<i>347</i>	
Corresponding percentage { (Para. 11, 12, 13, or 14) }	<i>28.29%</i>	<i>= 3.536</i>	<i>eighths</i>

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	" "	...

† 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 sternpost. 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 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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