

Preliminary
Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. *32346*
(For London Office only.)

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
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 *20th April 1927*
Name of Surveyor

Ship's Name. *Messrs Cammell Laird & Co Ltd*
Port of Registry and Nationality. *Yankee No. 931*
Official Number.
Gross Tonnage.
Date of Build.

Particulars of Classification.
+100 A.1. Carrying Petroleum in Bulk (Contemplated)

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<i>Mld: 498'0"</i>	<i>67'6"</i>	<i>37'0"</i>	
Frame Depth Rule	Ceiling Sheer	Peak Tanks	
<i>498.0</i>			

Moulded Depth as *given* measured..... *37'0"*
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.

CORRECTION FOR LENGTH			
Length of Ship on Loadline.....	<i>498.0</i>		
Length in Table	<i>444.0</i>		
Difference	<i>54.0</i>		
Correction for 10ft., Table A.	<i>1.7</i>	Table C. <i>.8</i>	
× Difference divided by 10	<i>9.18</i>	(if required.) <i>4.32</i>	
If $\frac{1}{10}$ ths length covered divide by 2	<i>+ 9 1/4</i>	<i>+ 11 1/4</i>	

CORRECTION FOR IRON DECK.	
Proportion covered, if less than $\frac{1}{10}$ ths length covered	<i>.458</i>
Thickness of usual wood deck, less stringer	<i>3 1/4</i>
	<i>1.49</i>
	<i>- 1 1/2</i>

CORRECTION FOR ROUND OF BEAM.	
Breadth at Gunwale amidships.....	
Round of Beam	<i>Stated to be normal</i>
Normal round.....	
Difference	$\div 2 =$
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	<i>10' 6 1/4</i>
Correction for Sheer	<i>- 6</i>
	<i>10' 0 1/4</i>
Correction for Length	<i>+ 9 1/4</i>
	<i>10' 9 1/2</i>
Allowance for Deck Erections	<i>- 11</i>
	<i>9' 10 1/2</i>

Correction for Round of Beam.....	
Correction for fall in Sheer (if any).....	
Correction for Steel Deck (if required)	<i>- 1 1/2</i>
	<i>9' 9</i>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	
Other Corrections (if any)	

Winter Freeboard	<i>9' 9</i>
Summer Freeboard (<i>6 1/2 - 7 1/2</i>)	<i>9' 2</i>
Indian Summer Freeboard	<i>8' 4</i>
N. A. Winter Freeboard	

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood~~ steel deck with side. *+ 13 1/4*

Winter Freeboard from deck line	<i>9' 10 3/4</i>
Summer " " " "	<i>9' 3 3/4</i>
Indian Summer " " " "	<i>8' 8 3/4</i>
N. A. Winter " " " "	<i>4</i>

Winter Freeboard from deck line	<i>9' 4</i>
Summer " " " "	<i>7</i>
Indian Summer " " " "	<i>7</i>
N. A. Winter " " " "	<i>7</i>

Winter Freeboard from deck line	<i>9' 10 3/4</i>
Summer " " " "	<i>9' 3 3/4</i>
Indian Summer " " " "	<i>8' 8 3/4</i>
N. A. Winter " " " "	<i>4</i>

† 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 draught at time of survey, and also the usual load draft forward and aft should be reported.

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

Sheer { Stem..... *111.9* } *168.0 ÷ 2 = 84.0* Mean
at { Sternpost ... *57.0* } *Given as gradual*

Sheer at $\frac{1}{2}$ of the length from { Stem } $\div 2 =$... Mean
{ Sternpost }

Gradual mean Sheer

Standard mean Sheer [Table, Para. 18]

Difference..... *24.2 ÷ 4 = 6.05*

§ If limited as Para. 18 (f)

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

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

Length uncovered

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... *(10' 6 1/4 - 3' 3)*

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)

Difference

Percentage as below..... *29.06%*

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..... *48.0* *48.0* *7.0*

Bridge House

† Raised Q. Dk.....

Poop..... *144.0* *144.0* *7.6*

Total

Length of Ship

Corresponding percentage { *29.06%* }

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

Fresh Water Line above centre of Disc

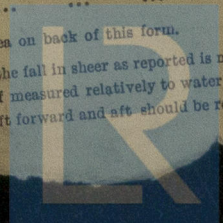
Indian Summer Line " " "

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 sternpost.

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