

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

Port of Survey Belfast
Date of Survey August 1917
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
man Clark No 356 ber in Register Book _____					100A-1. Shelter deck with freeboard contemplated.

	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
stered ons from Register.	480.3	62.35	32.92	7600 a
th on LINE.	479.25	Frame Depth 9 Rule " 7 2 - .33	Ceiling + .20 Sheer + .61 3' drop in Tank + 12	Peak Tanks
ECTED NSIONS.	479.25	62.02	33.85	7600

efficient of fineness..... 76
modification necessary }
Para. 4 (a) to (e)]* } Cell 58
efficient as corrected 74 ✓

er $\left\{ \begin{array}{l} \text{Stem} \dots 108 \\ \text{Sternpost} \dots 51 \end{array} \right\} 159 \div 2 = 79.5 \dots \text{Mean}$

er at $\frac{1}{8}$ of the length from $\left\{ \begin{array}{l} \text{Stem} \dots 60 \\ \text{Sternpost} \dots 28 \end{array} \right\} 88 \div 2 = 44 \dots \text{Mean}$

adual mean Sheer $\dots 79.75$

ndard mean Sheer [Table, Para. 18] $\dots 57.92$ Correction

Difference $\dots 21.83 \div 4 = -5\frac{1}{2}$

f limited as Para. 18 (f) \dots

ise in Sheer { At front of bridge house.....

in amidships { At after end of forecastle

ara. 18 (c) }

all in Sheer { $\div 2 =$

ara. 18 (d) }

with uncovered

ALLOWANCE FOR DECK ERECTIONS:—

board, Table C $(9.. 8\frac{3}{4}) - (3.. 2)$ 6 .. $6\frac{3}{4}$

ection for Length, if required (Para. 12, 13, and 14)

board by Table A. corrected for sheer, ~~and for length,~~ } $9.. 3\frac{1}{2}$
if required (Para. 12, 13, and 14) } $2.. 8\frac{1}{2}$

erence $94.5\frac{9}{10}$

antage as below..... $30\frac{3}{4}$

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

 nance for Deck Erections

	Length.	Length allowed.	Height.
Castle.....	402.50	402.5	} 8.7
House.....			
Open shed Gr. Dr.....	4.75		
	<u>72.0</u>	<u>72.0</u>	
Total	479.25	474.5	
		2.37 = $\frac{1}{2}$ diff	
h of Ship		<u>476.87</u>	
ponding percentage			= .995
(3, 11, 12, 13 or 14)	94.5%	479.25	

BOARD 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	" "	" "	...	...	...	...

Moulded Depth as ^{seven} measured..... $35'..8''$

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.....	479.25	
Length in Table	428.0	
Difference	51.25	
Correction for 10ft., Table A.	1.7	Table C.
× Difference divided by 10	8.71	(if required.)
If $\frac{6}{10}$ ths length covered divide by 2	4.35	+ 4.54

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered	
Thickness of usual wood deck, less stringer	$3\frac{1}{2}$

CORRECTION FOR ROUND OF BEAM.	
Breadth at Gunwale amidships.....	61
Round of Beam	15½
Normal round.....	18¾
Difference	✓ ÷ 2 =
Proportion of Deck uncovered (Para. 19)	

Freeboard, Table A	9 .. $8\frac{3}{4}$
Correction for Sheer	$-5\frac{1}{2}$
	9 .. $3\frac{1}{4}$
Correction for Length	$+4\frac{1}{4}$
	9 .. $7\frac{1}{2}$
Allowance for Deck Erections	2 .. $6\frac{3}{4}$
	7 .. $0\frac{3}{4}$
Correction for Round of Beam.....✓	
Correction for fall in Sheer (if any).....✓	
Correction for Iron Deck (if required)	$-3\frac{1}{2}$
	6 .. $9\frac{1}{4}$
Additions for non-compliance with provisions of { Para. 11 (d) and (e) ‡ }	
Other Corrections (if any)	

Winter Freeboard	6 ..	9 $\frac{1}{4}$
Summer Freeboard	6 ..	2 $\frac{3}{16}$
Indian Summer Freeboard	5 ..	8 $\frac{1}{16}$
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	6 .. 11
Summer " " " "	6 .. 4½
Indian Summer " " "	5 .. 10
N.A. Winter " " " "	✓

[illegible]

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.

† 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.

5.17. T.