

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

No. 28797

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. AND SHORT POOP.

Port of Survey Sunduland
Date of Survey plans forwarded 16/4/24
Name of Surveyor James Dickie

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>Barham & Sons nos 258/9.</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>1924</u>	<u>+100A1. Contemplated.</u>
Number in Register Book <u>✓</u>					

Registered dimensions from Ship's Register. Plans	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>385.0</u>	<u>52.0</u>	<u>26.0*</u>	<u>4340</u>
Length on LOADLINE.	<u>385.0</u>	Frame Depth <u>12</u> Rule " <u>6</u> <u>6x2</u> <u>6</u> <u>Carroll's</u> <u>filled</u> <u>-1.0</u>	Ceiling <u>filled</u> Sheer <u>+2.25</u> <u>Tank level</u>	Peak Tanks } <u>included</u>
CORRECTED DIMENSIONS.	<u>385.0</u>	<u>51.0</u>	<u>28.2*</u>	<u>4340</u>

Moulded Depth as measured..... 27'10"
 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.

27.10
1.7
29.5
3.5
26.0

Co-efficient of fineness..... .7823
 Any modification necessary [Para. 4 (a) to (e)]* C.S. 75 - .02
 Co-efficient as corrected76

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 385.0
 Length in Table 334.0
 Difference 51.0
 Correction for 10ft., Table A. 1.4 - Table C. ✓
 x Difference divided by 10 7.14 (if required.)
 If 1/10ths length covered divide by 2 3.57 + 3 1/2

Sheer { Stem..... 135
 at { Sternpost ... 90 } $225 \div 2 = 112.5$... Mean $\frac{71}{55} = 129.09$

Sheer at 1/2 of the length from { Stem 85 1/2
 Sternpost 56 1/2 } $142 \div 2 = 71$... Mean

Gradual mean Sheer $\frac{129.09 + 112.5}{2} = 120.75$

Standard mean Sheer [Table, Para. 18] 48.50 Correction
 Difference..... $72.25 \div 4 = 18.06$
 § If limited as Para. 18 (f) -18"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered 89.48 covered
 Thickness of usual wood deck, less stringer 3 1/2" - 3 1/2"

Rise in Sheer { At front of bridge house..... ✓
 from amidships { [Para. 18 (e)] At after end of forecastle ✓

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

Length uncovered Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 50.6
 Round of Beam 19 1/2
 Normal round..... 13 12.65
 Difference $6.85 - 6 1/2 \div 2 =$ 3 1/4 3.42
 Proportion of Deck uncovered (Para. 19) 105 - 1/4
.359 - 1/4

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 3.6 3/4
 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) } 5.2 1/4
 Difference 1.7 1/2
 Percentage as below..... 84.48
16.47

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } ✓
 Allowance for Deck Erections 1.4 1/2

Freeboard, Table A 6.8 1/4
 Correction for Sheer -1.6
5.2 1/4
 Correction for Length + 3 1/2
5.5 3/4
 Allowance for Deck Erections -1.4 1/2
4.1 1/4
 Correction for Round of Beam..... - 1/4
4.1
 Correction for fall in Sheer (if any)..... ✓
 Correction for Iron Deck (if required) - 3 1/2
3.9 1/2
 Additions for non-compliance with provisions of Para. 11 (d) and (e) } ✓
 Other Corrections (if any) ✓

S.O.L { $25.8 - 1.9 = 23.9$
 $\frac{(23.9)^2}{35.3} \times 19 1/2 = 1.855 \times 19.5 = 36.68$
 $19.5 - 16.68 = 2.82 = 2 3/4$

Winter Freeboard 3.9 1/2
 Summer Freeboard (4-5/2) 5/4 3.4 1/4
 Indian Summer Freeboard 2.11
 N. A. Winter Freeboard ✓

	Length.	Length allowed.	Height.
Forecastle.....	<u>305.50</u>	<u>305.50</u>	<u>8.0</u>
Bridge House.....	<u>✓</u>	<u>✓</u>	<u>✓</u>
↑ Raised Q. Dk.....	<u>✓</u>	<u>✓</u>	<u>✓</u>
Poop.....	<u>39.0</u>	<u>39.00</u>	<u>8.0</u>
Total	<u>344.50</u>	<u>344.50</u>	<u>89.48</u>
Length of Ship	<u>385.0</u>	<u>385.0</u>	<u>.895</u>
Corresponding percentage (Para. 11, 12, 13, or 14) }	<u>84.48</u>		

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. } + 2 1/2 2 3/4

Winter Freeboard from deck line 4.0 4.0 1/4
 Summer " " " " 3.8 3/4 ✓
 Indian Summer " " " " 3.7 1/4 1 3/4
 N. A. Winter " " " " ✓

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.
 ‡ By 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.

† 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.

