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(For London Office only.)

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 Bristol
Date of ~~Survey~~ 2 May 1919
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
Hill & Sons No 137					100 A.1. Contemplated

Number in Register Book

	Length.	Breadth.	Depth.	Under Deck Tonnage.
Registered Dimensions from Ship's Register.				
Length on Loadline.	310	Frame Depth Rule „	Ceiling Sheer	Peak Tanks
Corrected Dimensions.				

Co-efficient of fineness.....
Any modification necessary [Para. 4 (a) to (e)]*
Co-efficient as corrected ..... ·83 Given by Builders

Sheer at Stem.....6-0 / Sternpost...4-0 } 10'-0" ÷ 2 = 60 ...Mean

Sheer at ⅛ of the length from Stem / Sternpost assumed Gradual ÷ 2 = ...Mean

Gradual mean Sheer 60
Standard mean Sheer [Table, Para. 18] ..... 41 Correction
Difference..... 19 ÷ 4 = −4¾
§ If limited as Para. 18 (f) .....

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

Fall in Sheer Para. 18 (d) ÷ 2 =
Length uncovered ..... Correction

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....	2-3.83	2 .. 3¾
Correction for Length, if required (Para. 12, 13, and 14)	1.44	+1½
	2-5.27	2 .. 5¼
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	4-1.70	5' .. 1¾
Difference	2-8.43	2 .. 8½
Percentage as below.....	30.6	30.6%
	9.92	5·54

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections ..... 10"

	Length.		Length allowed.	Height.
Forecastle.....	33	.....	33	
Bridge House	88	.....	88	
† Raised Qr. Dk.....		.....		....
Poop.....	28	.....	28	
Total			149	
Length of Ship			310 = ·48	
Corresponding percentage (Para. ~~11~~, 12, ~~13, or 14~~)	30.6			

Moulded Depth as ~~measured~~ sworn ..... 23'-10"

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.....	310	
Length in Table	286	
Difference	24	
Correction for 10ft., Table A.	1·3	Table C. ·6
× Difference divided by 10	3·12	(if required.) 1·4 4
If ⅒ths length covered divide by 2		+3¼ +1½

CORRECTION FOR IRON DECK.

Proportion covered, if less than ⅞ths length covered ..... ·48
Thickness of usual wood deck, less stringer .....3½.....
−1¾

CORRECTION FOR ROUND OF BEAM.

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

Breadth at Gunwale amidships.....
Round of Beam .....
Normal round.....assumed normal
Difference ..... ÷ 2 =.....
Proportion of Deck uncovered (Para. 19) .....

Freeboard, Table A	5-3.33	5 .. 3¼
Correction for Sheer	−4.75	−4¾
	4-10.58	4 .. 10½
Correction for Length	+3.12	+3¼
	5-1.70	5 .. 1¾
Allowance for Deck Erections	9.92	−10
	4-3.78	4 .. 3¾
Correction for Round of Beam.....		
Correction for fall in Sheer (if any).....		
Correction for Iron Deck (if required)		−1¾
		4 .. 2
Additions for non-compliance with provisions of Para. 11 (d) and (e)‡	.....	
Other Corrections (if any)		

Winter Freeboard		4 .. 2
Summer Freeboard	3¾	3 .. 10¼
Indian Summer Freeboard		3 - 6½
N. A. Winter Freeboard		4 .. 4

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. 1¾

Winter Freeboard from deck line	4 .. 3¾
Summer „ „ „ „	4 .. 0
Indian Summer „ „ „	3 .. 8¼
N. A. Winter „ „ „ „	4 .. 5¾

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Iron) Deck :— ... ... 4'.. 0"

2. 5. 19

Fresh Water Line	above centre of Disc	... 5
Indian Summer Line	„ „ „	... 4
Winter Line	below „ „	... 3½
Winter North Atlantic Line	„ „ „	... 5½

23-10 / 2½ / 24-0½ / 4-0 / 20-0½

* 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.
‡ 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 drafts at time of survey, and also the usual load draft forward and aft should be reported.

11.18. T.

Surveyor 2.5.19.

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