Equivalent mld. Depth

11b.

Lloyd's Register of Shipping.

Index No. BBR 33405
(For London Office only.)

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~~ 26/6/29
Name of Surveyor

Ship's Name. Number in Register Book	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
James S. S. Co. No 158	L'pool				

	Length.	Breadth.	Depth.	Under Deck Tonnage.
~~Registered~~ Dimensions from ~~Lloyd's Register~~	535 × 74 × 48'-9"			
Length on Loadline.		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 ..... .81

Sheer at { Stem..... / Sternpost ... } ÷ 2 = ...Mean — 50 ft excess.

Sheer at $\frac{1}{8}$ of the length from { Stem / Sternpost } ÷ 2 = ...Mean
Gradual mean Sheer .....
Standard mean Sheer [Table, Para. 18] ..... 63·5 Correction
Difference..... 31·75 ÷ 4 = 7·94
If limited as Para. 18 (f) ..... -8"

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	~~9'-5¾"~~ 9'-0½"	8'-2¾"
Correction for Length, if required (Para. 12, ~~13, and 14~~)	+3"	+ 5
Freeboard by Table A. corrected for sheer, and for length, if required (Para. ~~11,~~ 12, ~~13, and 14~~)	9'-3½"	8 - 7¾"
Difference	12'-2"	11 - 8½"
Percentage as below	2'-10½"	3 - 0¾"
	25%	25%
	8·62"	9·19"

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections ..... -8½" — 9¼"

	Length.	Length allowed.	Height.
Forecastle.....	.....		
Bridge House	.....		
Raised Qr. Dk.....	.....	.....	...
Poop.....	.....		
Total		40% covered	
Length of Ship			
Corresponding percentage Para. ~~11,~~ 12, ~~13, or 14~~)	25%		

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 either up 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.

Moulded Depth as measured..... 39'-3" — 41'-5"

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.....	535	535	
Length in Table	471	497	
Difference	64	38	
Correction for 10ft., Table A.	1·7	Table C. 1·7	·8
× Difference divided by 10	10·88	(if required) 6·46	5·12 — 3·04
If $\frac{6}{10}$ths length covered divide by 2	+10¾"	+6½	+5" — +3"

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ths length covered ..... ·4
Thickness of usual wood deck, less stringer ..... 3¼ = 1·3 = −1¼"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....
Round of Beam .....
Normal round..... normal
Difference ..... ÷ 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	11'- 5¾"	12-3½
Correction for Sheer	− 8	−8
	10'- 9¾"	11-7½
Correction for Length	+ 10¾"	+ 6½
	11 - 8½"	12-2
Allowance for Deck Erections	− 9¼"	− 8½
	10 - 11¼"	11-5½
Correction for Round of Beam		
Correction for fall in Sheer (if any)		
Correction for Steel Deck (if required)	− 1¼"	− 1¼
	10 - 10"	11-4¼
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡	.....	
Other Corrections (if any)		

Winter Freeboard			
Summer Freeboard	2½ ✓ 3¼	10- 10"	11-4¼
Indian Summer Freeboard		10- 2½	10-8½
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 steel deck with side.

Winter Freeboard from deck line	39'- 3	41-5
Summer " " " "	¾	¾
Indian Summer " " " "	39 - 3¾	41-5¾
N.A.Winter " " " "	10 - 2½	10-8½
	29 - 1¼	30-9¼

To give a mld draught of 29'-3" (29'-6" ext.) depth mld. = 39'-5"

To give a mld. draught of 30'-9" (31'-0" ext.) depth mld. = 41'-5"

For the information of Mr Joseph Isherwood & Co

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004488-004488-0125