11b.

Index No. 33220
(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
Date of Survey 22/1/29
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.
Chas Hill	Rom	174			100 A.1. contemplated

Registered Dimensions from Ship's Register.	Length.	Breadth.	Depth.	Under Deck Tonnage.
Length on Loadline.		Frame Depth Rule ,,	Ceiling Sheer	Peak Tanks
~~Moulded~~ ~~Corrected~~ Dimensions.	145'	26'-6"	12'-6"	

Moulded Depth as measured..... 12'-6"

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.

Co-efficient of fineness.....

Any modification necessary [Para. 4 (*a*) to (*e*)]*

Co-efficient as corrected ..... .76 assumed

Correction for Length.

Length of Ship on Loadline..... 145
Length in Table 150
Difference 5
Correction for 10ft., Table A. ..... .9 Table C. .5
× Difference divided by 10 ..... .45 (if required.) .25
If $\frac{6}{10}$ths length covered divide by 2 = −½" ✓ = −¼" ✓

Correction for Iron Deck.

Proportion covered, if less than $\frac{7}{10}$ths length covered ..... .44
Thickness of usual wood deck, less stringer ..... 2¾" × .44
= 1.21 = 1¼" ✓

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..... 26'-6"
Round of Beam 6¾
Normal round..... 6.62
Difference ..... ÷ 2 =
Proportion of Deck uncovered (Para. 19) .....

Sheer at Stem..... 34, Sternpost ... 18 } 52 ÷ 2 = 26 ...Mean

Sheer at ⅛ of the length from Stem 18', Sternpost 11 } 29 ÷ 2 = 14.5 ...Mean

Gradual mean Sheer 14.5
Standard mean Sheer [Table, Para. 18] 14.7
Difference..... Correction ÷ 4 =
§ If limited as Para. 18 (*f*) ..... assumed normal

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..... 4½
Correction for Length, if required (Para. ~~12, 13, and~~ 14) ..... − ¼
4¼
Freeboard by Table A. corrected ~~for sheer, and~~ for length, if required (Para. ~~11, 12, 13, and~~ 14)
Difference ..... 1−10
Percentage as below..... 1−5¾
28.16%
5.0"

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ✓
Allowance for Deck Erections ..... −5" ✓

	Length.		Length allowed.	Height.
Forecastle.....	19'-0"	.....	19.0	7'-0"
~~Bridge House~~	—	.....	—	
Raised Qr. Dk.....	45'-0"	.....	45.0	..... 3'-6" ...
~~Poop~~.....		.....	—	
Total			64	= .44 ✓
Length of Ship			145	= 3.52 eighths
Corresponding percentage (Para. ~~11, 12, 13, or~~ 14)	28.16 % ✓			

Freeboard, Table A ..... 1'-10½
Correction for Sheer ..... —
Correction for Length ..... − ½
1−10 ✓
Allowance for Deck Erections ..... − 5
1−5 ✓
Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Steel Deck (if required) ..... − 1¼
1−3¾ ✓
Additions for non-compliance with provisions of Para. 11 (*d*) and (*e*) ‡ ..... ✓
Other Corrections (if any) ..... ✓

Winter Freeboard ..... 1'-3¾ ✓
Summer Freeboard ..... 1"−2" 1'-2¼ ✓
Indian Summer Freeboard .....
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 ..... Depth mld 12-6
Summer ,, ,, ,, ,, ... Stud dk. ¼
Indian Summer ,, ,, ,, ... 12-6¼
N.A.Winter ,, ,, ,, ,, ... Freeboard 1-2¼
11-4

12-6¾
6¾
13-0½
13-0¼
26-6
52-7½
2
50-7½
145
7340

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 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.

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