

Preliminary

MOB Rpt No 11464

Index No. 30765
(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 Middlesbro'
Date of Survey 16th Jan. 1923
Name of Surveyor W. Malcolm

Ship's Name
Messrs. Smiths Dock Co's
No. 782 Ship
Number in Register Book

Port of Registry and Nationality. 262' x 39'-3" x 21' med.
Official Number.
Gross Tonnage.
Date of Build.

Particulars of Classification. Existing Rules
+100A1 (contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	262.0	39.17	18.83	1527
Length on LOADLINE.	261'-6 1/2"	Frame Depth 8 Rule " 5 + 2 = 6.60 No Sparring +.33	No Ceiling +.20 Sheer +.92 4" Drop in Tank +.17	Peak Tanks } Incl'd
CORRECTED DIMENSIONS.	261.54	39.00	20.12	1527

Moulded Depth as measured 21'-0"
3 1/2"
20-8 1/2"

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.

21-0
9 1/2
21-9 1/2
2-11
18-10

Co-efficient of fineness..... .767 (Given by builders)
Any modification necessary [Para. 4 (a) to (e)]* C.D. 8
Co-efficient as corrected7572
.44 touse provisionally

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 261.54
Length in Table 248.50
Difference 13.04

Correction for 10ft., Table A. 1.2 Table C. .6
× Difference divided by 10 1.56 (if required.) .78
If 1/10ths length covered divide by 2 + 1 1/2 + 3/4

Sheer { Stem..... 90.5 } 144.5 ÷ 2 = 72.25 ... Mean
at { Sternpost 54.0 } 36138.276
.92

Sheer at 1/3 of the length from { Stem 48.375 } 76.375 ÷ 2 = 38.19 ... Mean
{ Sternpost 28.0 } ÷ .55 = 69.43

Gradual mean Sheer 69.43
Standard mean Sheer [Table, Para. 18] 36.154 Correction
Difference..... 33.276 ÷ 4 = 8.319
§ If limited as Para. 18 (f) - 8 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer med. depth reduced.

Rise in Sheer from amidships { At front of bridge house.....
[Para. 18 (e)] { At after end of forecastle
Fall in Sheer { 5 1/8" } ÷ 2 =
Para. 18 (d) { Bridge fitted }
Length uncovered Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 37.92
Round of Beam 9.5
Normal round..... 9.5
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.

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C..... 1'-5 3/4 6/4 ✓
Correction for Length, if required (Para. 12, 13, and 14) 3/4
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 3 - 5 3/4 6/4
Difference 1 - 11 1/4
Percentage as below..... 21.03%
= 4.89
- 5"

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

Freeboard, Table A 4'-0 1/2" ✓
Correction for Sheer 8 1/4
3 - 4 3/4 3/4
Correction for Length 1 1/2
3 - 5 3/4 6/4 ✓
Allowance for Deck Erections 5
3 - 0 3/4 1/4 ✓
Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Iron Deck (if required) Allowed in reduced med. depth.
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any) ✓

Winter Freeboard 3 - 0 3/4 1/4 ✓
Summer Freeboard (2 1/2 - 3 1/2) 2 - 10 1/2 ✓
Indian Summer Freeboard 2 - 7 3/4 ✓
N. A. Winter Freeboard 3 - 2 3/4 3/4 ✓

	Length.	Length allowed.	Height.
Forecastle.....	<u>21'-0"</u>	<u>21.0</u>	<u>7-6"</u>
Bridge House.....	<u>46-4 1/2"</u>	<u>46.37</u>	"
† Raised Qr. Dk.....			
Poop.....	<u>20-7"</u>	<u>20.58</u>	"
Total.....		<u>87.95</u>	
Length of Ship.....		<u>261.54</u>	<u>= .3364</u>

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood or iron~~ STEEL deck with side. } + 1 1/2

Winter Freeboard from deck line 3 - 2 3/4 ✓
Summer " " " " 2 - 11 1/2 3-0 ✓
Indian Summer " " " " 2 - 9 1/4 ✓
N. A. Winter " " " " 3 - 4 3/4 ✓

Winter Freeboard 3'-0" 2 - 11 1/2 3-0
Summer " " " " 4 1/2
Indian Summer " " " " 3
N. A. Winter " " " " 2 1/2
4 1/2

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

Fresh Water Line above centre of Disc 4 1/2
Indian Summer Line " " " " 3
Winter Line below " " " " 2 1/2
Winter North Atlantic Line " " " " 4 1/2

† 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 sternpost.

† 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.

copy to Surveyor 17.1.23



