

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 **21. 3. 32.**

Name of Surveyor

Ship's Name. HAMSTERLEY <i>Messrs Smiths Dock No 800.</i> Number in Register Book	Port of Registry and Nationality. U. K.	Official Number. 148114	Gross Tonnage.	Date of Build. 1924	Particulars of Classification. + 100 A1.
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Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	280.00	41.6	20.1	1853.11
Length on LOADLINE.	279.5	Frame Depth $\frac{7}{2}$ Rule „ 5 $2 \times \frac{4}{2} = 9$ $= .75$	Ceiling $+ .20$ Sheer $+ .11$	Peak Tanks
CORRECTED DIMENSIONS.	279.5	40.85	21.41	1853.11

Moulded Depth as measured $22' - 3''$
Wood deck less Stringer $3\frac{1}{2}''$
 $21 - 11\frac{1}{2}''$

Addition for Keel below base line for draught record $1\frac{3}{4}''$ inches.

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

Co-efficient of fineness..... **.758**
Any modification necessary {
[Para. 4 (a) to (e)]* } **-.02 C.D.B**
Co-efficient as corrected **.74**

Sheer { Stem $96\frac{3}{4}''$ } $163\frac{3}{4} \div 2 = 81\frac{7}{8}''$... Mean $36) 39.78$
at { Sternpost 67 } 1.11
Sheer at $\frac{1}{2}$ of the length from { Stem 48 } $85\frac{1}{2} \div 2 = 42\frac{3}{4}''$... Mean
Sternpost $37\frac{1}{2}$ } $\div .55 = 77.73$
Gradual mean Sheer **77.73**
Standard mean Sheer [Table, Para. 18] **37.95** Correction
Difference..... **39.78** $\div 4 = 9.95$
§ If limited as Para. 18 (f) **- 10''**

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... $1 - 8\frac{1}{2}''$
Correction for Length, if required (Para. 12, 13, and 14) $+ 1$
 $1 - 9\frac{1}{2}''$
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } $3 - 8\frac{3}{4}''$
Difference $1 - 11\frac{1}{4}''$
Percentage as below..... 22.29
 $= 5.18$

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ✓ $- 5\frac{1}{4}''$
Allowance for Deck Erections $- 5\frac{1}{4}''$

	Length.	Length allowed.	Height.
Forecastle.....	25-6	25.5	7'-3"
Bridge House.....	48'-7" + 2'-3" overhang	49.7	do
† Raised Qr. Dk.....	✓	✓	✓
Poop.....	27-0$\frac{5}{8}$"	24.48	do.
Total		99.68	= .3566
Length of Ship		279.5	
Corresponding percentage { (Para. 11, 12, 13, or 14) } 22.29%			

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, ~~STEEL~~ Deck:—

Tropical Fresh Water Line above Centre of Disc ...	8$\frac{1}{2}''$	Tropical Fresh Water Freeboard ...	3 - 0$\frac{1}{4}''$
Fresh Water Line	5$\frac{1}{2}''$	Fresh Water	2 - 3$\frac{3}{4}''$
Tropical Line	3''	Tropical	21 - 6$\frac{3}{4}''$
Winter Line below	3''	Winter	2' - 9$\frac{1}{4}''$
Winter North Atlantic Line ..	5''	Winter North Atlantic ..	3' - 3$\frac{1}{4}''$

STEEL

Winter Freeboard from deck line **3 - 3 $\frac{1}{2}''$**
Summer " " " " **3 - 0 $\frac{1}{2}''$**
Indian Summer **2 - 9 $\frac{1}{2}''$**
N. A. Winter Freeboard **3 - 5 $\frac{1}{2}''$**

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. **NIL**

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... **40' - 2"**
Round of Beam **10"**
Normal round..... **10.07**
Difference $.07 \div 2 = .035$
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 $4 - 4\frac{3}{4}''$
Correction for Sheer $- 10$
 $3 - 6\frac{3}{4}''$
Correction for Length $+ 2$
 $3 - 8\frac{3}{4}''$
Allowance for Deck Erections $- 5\frac{1}{4}''$
 $3 - 3\frac{1}{2}''$
Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Steel Deck (if required) ✓
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) } ✓
Other Corrections (if any) ✓

Winter Freeboard **3 - 3 $\frac{1}{2}''$**
Summer Freeboard **3 - 0 $\frac{1}{2}''$**
Indian Summer Freeboard **2 - 9 $\frac{1}{2}''$**
N. A. Winter Freeboard **3 - 5 $\frac{1}{2}''$**

Winter Freeboard from deck line
Summer " " " "
Indian Summer " " " "
N. A. Winter " " " "

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