

21773
No. 6927

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

TUE. JUL. 25. 1911

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 DECK CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Middlesbrough-on-Tees
Date of Survey While Building
Name of Surveyor Norman S. Turnbull

Ship's Name. <u>Messrs W. Barkers Sons</u> No 189 <u>1911 New Vessel</u> Number in Register Book	Port of Registry and Nationality. <u>Middlesbrough</u> <u>British</u>	Official Number. <u>128813</u>	Gross Tonnage. <u>791</u>	Date of Build. <u>1911</u>	Particulars of Classification. <u>+100 A.I. bontemplated</u>
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Registered dimensions from Ship's Register.	LENGTH. <u>195.0</u>	BREADTH. <u>30.0</u>	DEPTH. <u>11.62</u>	UNDER DECK TONNAGE. <u>561.70</u>
Length on LOADLINE.	<u>195.0</u>	Frame Depth Rule <u>5 1/2</u> <u>3 1/2</u> <u>2</u> <u>2x2 = -.33</u>	Ceiling + .20 Sheer + .68 Drop in tank <u>3 1/2</u> <u>2</u> <u>3 1/2</u> <u>2</u> <u>= +.14</u>	Peak } Included Tanks } above Tonnage above floor in S. A.S. space -10.00
CORRECTED DIMENSIONS.	<u>195.0</u>	<u>29.67</u>	<u>12.64</u>	<u>551.70</u>

Moulded Depth as measured. 13'-10"
NOTE. - If the depth is measured when vessel is afloat, the details of measurement should be reported.

Co-efficient of fineness..... .754
Any modification necessary } .02 bell D.A.
[Para. 4 (a) to (e)]* }
Co-efficient as corrected734

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>195.0</u>
Length in Table	<u>166.0</u>
Difference	<u>29.0</u>
Correction for 10ft., Table A.	<u>.96</u>
× Difference divided by 10	<u>2.78</u>
If 1/10ths length covered divide by 2	<u>1.39</u>
	<u>+ 1 1/2</u>

Sheer { Stem..... 69 }
at { Sternpost ... 38 } 107 ÷ 2 = 53.5...Mean
Sheer at 1/4 of the length from { Stem 38.5 }
{ Sternpost 21.0 } 59.5 ÷ 2 = 29.75...Mean
Gradual mean Sheer 53.8 ÷ 55 = 54.1
Standard mean Sheer [Table, Para. 18] 29.5 Correction
Difference..... 24.3 ÷ 4 = 6.057
§ If limited as Para. 18 (f)..... -6"

2nd N^o 10848
CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer 3 - 3

Rise in Sheer { At front of bridge house..... 4 1/2"
from amidships }
[Para. 18 (e)] { At after end of forecastle
Fall in Sheer } nil ÷ 2 =
Para. 18 (d) }
Length uncovered Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>29.6</u>
Round of Beam	<u>7 1/2</u>
Normal round.....	<u>7 3/8</u>
Difference	<u>1/8</u> ÷ 2 = <u>1/16</u>
Proportion of Deck uncovered (Para. 19)	

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	<u>5 3/4</u>
Correction for Length, if required (Para. 12, 13, and 14)	
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) } Difference	<u>1-8 3/4</u>
Percentage as below.....	<u>58.81</u>
	<u>- 8 3/8</u>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } Allowance for Deck Erections	<u>+ 3/8</u>
	<u>- 8</u>

Length.	Length allowed.	Height.
Forecastle..... <u>24'-0"</u>	<u>24.00</u>	<u>7'-0"</u>
Bridge House <u>12'-10"</u>	<u>12.83</u>	<u>7'-0"</u>
† Raised Qr. Dk..... <u>108'-8" x 3'-6"</u>	<u>104.62</u>	<u>3'-6"</u>
Poop.....	<u>141.45</u>	
Total	<u>195.00</u>	<u>= 7254</u>

Length of Ship 195
Corresponding percentage { 58.81
(Para. 11, 12, 13, or 14) }

Freeboard, Table A	<u>2-2 1/4</u>
Correction for Sheer	<u>- 6</u>
	<u>1-8 7/4</u>
Correction for Length	<u>+ 1 1/2</u>
	<u>1-9 1/4</u>
Allowance for Deck Erections	<u>8</u>
	<u>1-1 1/4</u>
Correction for Round of Beam.....	
Correction for fall in Sheer (if any).....	
Correction for Iron Deck (if required)	<u>- 3</u>
	<u>10 1/4</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) † } Other Corrections (if any)	
Winter Freeboard	<u>10 1/4</u>
Summer Freeboard	<u>8 1/4</u>
Indian Summer Freeboard	
N. A. Winter Freeboard	
Correction necessary because clearance in accordance with the Statute is not taken at the intersection of the wood or iron deck with side.	<u>+ 1/4</u>

FREEBOARD recommended amidships from centre of Disc

Fresh Water Line	Disc to top of Statutory Deck Line, Wood (Iron) Deck :-	<u>0</u>
Indian Summer Line	above centre of Disc	<u>3 1/2</u>
Winter Line	" " "	<u>3 1/2</u>
Winter North Atlantic Line	below " " "	<u>3 1/2</u>

Winter Freeboard from deck line	<u>11 3/4</u>
Summer " " " "	<u>9 3/4</u>
Indian Summer " " " "	
N. A. Winter " " " "	
Amended Tonnage March, 1906	<u>9 1/2</u>
	<u>3 1/2</u>

† 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 one eighth of the vessel's length from stem and stern-post the sheer measured at points distant

† 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.

MARKING REPORT
RECEIVED 17 JUL 1911

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