

Lloyd's Register of British & Foreign Shipping.

No. 15288
19552

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 Greenock
Date of Survey White Building
Name of Surveyor J. French

Sennart
Ship's Name " S. S. DAIVA "
Messrs CAMPBELLTOWN S. B. CO 1883
Number in Register Book 124157
Port of Registry and Nationality Helsingborg
Grangemuck
Beloch
Official Number 124157
Gross Tonnage 1274
Date of Build 1908
Particulars of Classification 100-A-1 STEEL WELL DECK
(CONTINGENT)

| Registered dimensions from Ship's Register. | LENGTH. | BREADTH. | DEPTH. | UNDER DECK Tonnage. |
|---|---------|----------------------------|----------------------------|------------------------------|
| | 229.4 | 35.0 | 16.05 | 1026.97 |
| Length on LOADLINE | 229.3 | Frame Depth 7 Rule " 4 1/2 | Ceiling FITTED Sheer + .72 | Peak Tanks INCLUDED IN ABOVE |
| CORRECTED DIMENSIONS. | 229.3 | 34.59 | 16.77 | 1026.97 |

Co-efficient of fineness77
 Any modification necessary [Para. 4 (a) to (e) *] -.02 for C. O.T.B.
 Co-efficient as corrected75

Sheer at Stem... 79
 at Sternpost... 39 } 118 ÷ 2 = 59 ... Mean
 Sheer at 1/2 of the length from Stem 43 1/2
 Sternpost 21 1/2 } 65 ÷ 2 = 32 1/2 ... Mean
 Gradual mean Sheer 19.7
 Standard mean Sheer (Table, Para. 18) 12.70 } 32.93 Correction
 Difference 26.07 } = -6 1/2
 § If limited as Para. 18 (f) 19.75 ÷ 2 = 9.875
PAR. 14 = -2 1/2

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. 11 3/4 } 11 3/4
 Correction for Length, if required (Para. 12, 13, and 14) 1.04
 Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 3.4 3/4 } 2.94
 Difference 2.4 1/2 } 1.9 1/2
 Percentage as below PAR. 11 for 7/10 covered = 40% of 2 1/2 = 8 1/2 } 8.5
PAR. 11 for 3/4 covered = 30% of 2 1/2 = 7 1/2 } 7.5
PAR. 11 for 1/2 covered = 15% of 2 1/2 = 3 3/4 } 3.75
PAR. 11 for 1/4 covered = 7 1/2% of 2 1/2 = 1 3/4 } 1.875
PAR. 11 for 1/10 covered = 3 3/4% of 2 1/2 = 7/8 } 0.875
PAR. 11 for 1/20 covered = 1 3/4% of 2 1/2 = 3/8 } 0.375
PAR. 11 for 1/40 covered = 3/8% of 2 1/2 = 3/40 } 0.075
PAR. 11 for 1/80 covered = 1/80% of 2 1/2 = 1/40 } 0.01875
 Total 165.00 } 136.65 } 595.9
 Length of Ship 229.3 } 229.3
 Corresponding percentage (Para. 11, 12, 13, or 14) } ✓

| | Length. | Length allowed. | Height. |
|----------------------|----------------------------|-----------------|----------------|
| Forecastle..... | <u>28.25</u> <u>closed</u> | <u>28.25</u> | <u>7-3</u> |
| Bridge House..... | <u>57.5</u> | <u>57.5</u> | <u>7-0</u> |
| † Raised Qr. Dk..... | <u>79.25</u> <u>3.56</u> | <u>50.9</u> | <u>2.5 3/4</u> |
| Total..... | <u>165.00</u> | <u>136.65</u> | <u>595.9</u> |
| Length of Ship..... | <u>229.3</u> | <u>229.3</u> | |

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Deck) Deck :-
 Fresh Water Line above centre of Disc
 Indian Summer Line " " "
 Winter Line below " "
 Winter North Atlantic Line " " "
10.1.08

Moulded Depth as measured..... 18-3 1/2"
 CORRECTION FOR LENGTH.
 Length of Ship on Loadline..... 229.3
 Length in Table 219.5
 Difference 9.8
 Correction for 10ft., Table A. 1.1 Table C. 9.8
 × Difference divided by 10 10.78 (if required.)
 If 1/10ths length covered divide by 2 5.39 } 1.078
 NOTE. - If the depth is measured when vessel is about the details of measurement should be reported.

PN 15595
 CORRECTION FOR IRON DECK.
 Proportion covered, if less than 7/10ths length covered over 7/10th covered
 Thickness of usual wood deck, less stringer..... 3 1/2
2 1/2 Hood sheathing in way of accommodation amidships

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships..... 33-11
 Round of Beam..... 8 1/2
 Normal round 8 1/2
 Difference ÷ 2 =
 Proportion of Deck uncovered (Para. 19) ✓

Freeboard, Table A 3.3 3/4 ✓
 Correction for Sheer }
 Correction for Length } - 1.2 1/4 ✓
 Allowance for Deck Erections } 2-1 1/2 ✓
 Correction for Round of Beam..... ✓
 Correction for fall in Sheer (if any) ✓
 Correction for Iron Deck (if required) see above } - 1 ✓
 Additions for non-compliance with provisions of Para. 11 (d) and (e) } ✓
 Other Corrections (if any)..... ✓

Winter Freeboard 2-0 1/2 ✓
 Summer Freeboard 1-10 ✓
 Indian Summer Freeboard 1-7 1/2 ✓
 N. A. Winter Freeboard 2-4 ✓
 Correction necessary because clearside amidships, measured in accordance with the Statute, is not taken at the intersection of the wood deck with side. } + 1 1/4

Winter Freeboard from deck line 2-1 1/4 ✓
 Summer " " " 1-11 1/4 ✓
 Indian Summer " " " 1-8 3/4 ✓
 N. A. Winter, " " " 2-5 1/4 ✓
1-11 ✓

¶ 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 containing an allowance for deck erections under Para. 11 where the sheer drops abait 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 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.



