

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

Name of Surveyor

Ship's Name. S/S SAINT ORAN		Port of Registry and Nationality. Glasgow British		Official Number. 147858	Gross Tonnage. 253	Date of Build. 1923. 6	Particulars of Classification. +100 A-1
Number in Register Book							

Registered dimensions from Ship's Register.	LENGTH. 122-1	BREADTH. 21-65	DEPTH. 9-45 <i>9-66 1/2 from</i>	UNDER DECK TONNAGE. 178-73
Length on LOADLINE.	122	Frame Depth Rule 4 1/2	Ceiling Sheer 17	Peak Tanks 2nd
CORRECTED DIMENSIONS.	122	21-40	9-83	178-73

Co-efficient of fineness..... **.70**
Any modification necessary {
[Para. 4 (a) to (e)]* }
Co-efficient as corrected **.70**

Sheer { Stem..... **34-5** } **58-25** ÷ 2 = **29-12-5** ... Mean $\frac{155}{55} = 28-18$
at { Sternpost **23-75** } $\frac{22-20}{36} = 22-20$
 $\frac{36}{15-98} = 17$

Sheer at 1/3 of the length from { Stem **19** } **31** ÷ 2 = **15-5** ... Mean
{ Sternpost **12** }

Gradual mean Sheer **28-18** $\frac{13-32}{42-18} = -1/2$
Standard mean Sheer [Table, Para. 18] **22-2** Correction
Difference..... **5-98** ÷ 4 = **-1 1/2 p 11**
§ If limited as Para. 18 (f) **-1/2 p 14**

Rise in Sheer { At front of bridge house..... **1/4** }
from amidships { At after end of forecastle **113/4** }
[Para. 18 (e)]

Fall in Sheer } ÷ 2 =
Para. 18 (d) }
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... **Para 11 2** **Para 14 2**
Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } **1-3** **1-4 1/2**
Difference **1-1** **1-2 1/2**

Percentage as below..... **8-6**
Extraction length sheer
40% 8 **13** **-5 1/4** **1 1/2 = 6 3/4**
32% 1 **14 1/4** **-4 1/2** **1/2 = 5**

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections **58-7** **-6 1/2**

	Length.	Length allowed.	Height.
Forecastle.....	24	21-0	6-6
Bridge House	8-5 <i>8-5</i>	8-0	9-3
† Raised Qr. Dk.....	7-0 <i>7-0</i>	42-46	3-6
Poop.....	42-46	71-46	58-6
Total	122		

Length of Ship
Corresponding percentage {
(Para. 11, 12, 13, or 14) } **as above**

WINTER FREEBOARD

Winter Freeboard **0'-8 1/4**
Summer Freeboard **1 1/2** **0'-6 3/4**
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
Summer " " " "
Indian Summer " " " "
N. A. Winter " " " " ✓

87B.
2-5-32

SUMMER FREEBOARD amidships

Centre of Disc to top of Deck Line, ~~Wood~~, Steel, Deck:— **0'-6 1/2**

Tropical Fresh Water Line above Centre of Disc ... **4...**
Fresh Water Line " " ... **2 1/2...**
Tropical Line " " ... **1 1/2...**
Winter Line below " " ... **1 1/2...**
Winter North Atlantic Line " " ... **5 1/4**

Tropical Fresh Water Freeboard ... **0'-2 1/2**
Fresh Water " " ... **0'-4 1/2**
Tropical " " ... **0'-5**
Winter " " ... **0'-8**
Winter North Atlantic " " ... **0'-11 3/4**

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