

No. 11290 copy written

8810  
16 FEB. 92

# LOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

## SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF ~~STEAM OR SAILING SHIPS, FLUSH DECKED, OR~~  
 HAVING FORECASTLES WITH OR WITHOUT SHORT POOPS.

Port of Survey Glasgow  
 Date of Survey While building  
 Name of Surveyor J. Thomson

*how Star of Greenland*

Ship's Name. Hawaiian Isles Gross Tonnage. 1959 Official Number. 10300  
 Type of Ship. Steel Barge Date of Build. 1892 Particulars of Classification. Class contemplated 100A1

Registered Length 270.0 Breadth 43.1 Depth 23.65  
 Length on Load Line 257.5  
 Breadth 43.1  
 Depth 23.65  
 Tons Und. Dk. 1959  
 $\times 100$   
195900  
18373152875  
12168471250  
10498944500

Moulded Depth as measured 25.3  
 Less, if iron uncovered upper deck, the usual thickness of wood deck less stringer 0  
 Moulded depth to be used with tables 25.3

Co-efficient of fineness 74  
 Any modification necessary [Para. 4 (a) to (c)] -  
 Co-efficient as corrected 74

CORRECTION FOR LENGTH:—  
 Length of Ship on Load Line 257.5  
 Length in Table 252.5  
 Difference 5  
 Correction for 10 ft. 1.3  
 $\times$  Differences  $\div 10 =$  .65 say  $+ \frac{3}{4}$

Sheer at { Stem 70 }  $107 \div 2 = 53\frac{1}{2}$  Mean  
 { Sternpost 37 }  
 Sheer at  $\frac{1}{8}$  of the length from { Stem 45\frac{1}{2} }  
 { Sternpost 19 }  
 Standard Sheer [Table, Para. 16] 21.45  
 Difference 10.8  $\div 4 = 2\frac{1}{2}$   
 If limited as Para. 16 (f) 21.45  
 $\div 2 = 10.725$   
 $\div 4 = 2\frac{3}{4}$

CORRECTION FOR ROUND OF BEAM:—  
 Round of Beam 10\frac{1}{2}  
 Normal round 10\frac{1}{2}  
 Difference 0  $\div 2 = 0$   
 Proportion of deck uncovered (Para. 17)  $\frac{3}{4}$

Order of Sheer. { ✓ }  $\div 2 =$  ✓ Correction

Freeboard Table A or D 5-8  
 Correction for Length  $+\frac{3}{4}$   
5-8\frac{3}{4}  
 Correction for Sheer  $-\frac{2}{4}$   
5-5\frac{1}{4}  
 Correction for fall in Sheer (if any) ✓  
 Allowance for Deck Erections 5\frac{1}{2}  
5-0\frac{1}{2}  
 Correction for Round of Beam ✓  
 Other Corrections (if any) ✓

\* ALLOWANCE FOR DECK ERECTIONS:—  

Length.	Length Allowed.	Height.
Forecastle <u>27.0</u>	<u>27.0</u>	<u>7-0</u>
Poop <u>41.0</u>	<u>39.0</u>	<u>7-3</u>
Total length allowed <u>66.0</u>		
$\times 8$ eighths covered.		
$\div$ Length of Ship <u>257.5</u>	<u>528.0</u>	<u>(2 eighths)</u>
	<u>130</u>	<u>Saving 8%</u>

  
 Freeboard Table A or D, corrected for length 68.75  
 Percentage allowance 8  
5.49000  
-5\frac{1}{2}

Winter Freeboard 5-0\frac{1}{2}  
 Summer Freeboard 5-0\frac{1}{2}  
 N. A. Winter Freeboard 5-5\frac{1}{2}  
 Correction necessary because clear side amidships measured in accordance with the statutes is not taken at intersection of the deck with side 1\frac{3}{4}  
 Winter Freeboard from Deck Line\* 5-2\frac{3}{4}  
 Summer Freeboard 5-2\frac{3}{4}  
 N. A. Winter Freeboard 5-7\frac{1}{4}

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line:—  
 Fresh Water Line above centre of Disc 5-2  
 Indian Summer Line " " " 5  
 Winter Line below " " " 5  
 Winter North Atlantic Line " " " 5

\* Particulars should be stated at the back of this Form as to the character of the Erections, and whether closed in or not.  
 Marked in accordance with Sec. 25, 76.

1920-072200-232200



CHARACTER OF DECK ERECTIONS.

Do all the Frames extend to the top height in the Poop? Yes.

Do. do. do. in the Raised Quarter Deck?

Do. do. do. Bridge House?

Do. do. do. Forecastle? Yes.

To what height do the Reverse Frames Extend? All to main deck and alternate to fore-castle.

Has the Poop ~~or raised Quarter Deck~~ an efficient Iron Bulkhead at its fore end? Yes. 4 ft. from fore end with side chases in front.

State whether the Bridge House efficiently covers the Engine and Boiler Openings?

Has the Bridge House an efficient Iron Bulkhead at the fore end?

Are efficient Doors fitted to the Passage Ways?

Describe how and to what extent it is Stiffened, by Angle Irons, Bulb Plates, or otherwise?

Has the Bridge House an efficient Iron Bulkhead at the after end?

Are efficient Doors fitted to the Passage Ways?

Are efficient Iron Doors fitted to the Passages of the Bridge House, or is it entered from above?

Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? No bulkhead.

Are the Hatchways efficiently constructed? Yes. State the height of the Combings 24"

Are the Hatches solid? Yes. What is their thickness? 3"

Are the exposed parts of the Engine and Boiler Casings efficiently constructed?

State any special features in the construction of the Vessel No special features.  
The approved midship section is forwarded herewith for reference.

Owner's Name Captain Oscar Kustel.

Address Honolulu.

Fee £   
Burr.

Received by me

Names of sub-Owners

Address

Fee £

Received by me