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Rpt. 11b.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.
SURVEYS FOR FREEBOARD.

Verification

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES, HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.				Port of Survey <u>Greenock</u> Date of Survey <u>27th May 1903</u> Name of Surveyor <u>Wm. Johnstone</u>	
Ship's Name. <u>Steel S/S "Sternia"</u> <u>Lyde S.B. Co. No 255</u> Number in Register Book	Gross Tonnage. <u>✓</u>	Official Number. <u>✓</u>	Type of Ship. <u>Single 10K</u>	Date of Build. <u>1903</u>	Particulars of Classification. <u>100 A1 (Steel)</u> <u>(Contemplated)</u>
Registered Length <u>289.2</u> Breadth <u>42.05</u> Depth <u>19.65</u>			Moulded Depth as measured..... <u>22'-0"</u>		
Length on Loadline <u>289</u> Breadth <u>42.05</u>					
Depth..... <u>19.65</u> Tons und. Dk. <u>1947.47</u> × 100			CORRECTION FOR LENGTH :— Length of Ship on load line..... <u>289</u> Length in Table <u>264</u> Difference* <u>25</u> Correction for 10ft., Table A. <u>1.2</u> Table C. <u>.6</u> × Difference* divided by 10 <u>3.0</u> (if required.) If $\frac{1}{10}$ ths length covered divide by 2 } for vessels coming under para. 11 } <u>+ 3"</u> <u>+ 1½"</u>		
Co-efficient of fineness <u>.81</u> Any modification necessary } [Para. 4 (a) to (e)] <u>.01</u> <u>bell 10B + Deep framing.</u> Co-efficient as corrected <u>.80</u>			CORRECTION FOR IRON DECK :— Proportion covered, if less than $\frac{1}{10}$ ths length covered <u>.487</u> Thickness of usual wood deck, less stringer..... <u>3½</u> <u>- 1¾"</u>		
Sheer { Stem... <u>75</u> } <u>109½ ÷ 2 = 54.75...Mean</u> at { Sternpost... <u>34½</u> } Sheer at $\frac{1}{8}$ of the length from { Stem <u>42</u> } <u>61½ ÷ 2 = 30.75 mean</u> Sternpost <u>19½</u> } Standard Sheer (Table, Para. 16)..... <u>38.90</u> Correction Difference..... <u>15.85 ÷ 4 = - 4"</u>			CORRECTION FOR ROUND OF BEAM :— Round of Beam..... <u>10¼</u> Normal round <u>10¼</u> Difference ÷ 2 =..... Proportion of Deck uncovered (Para. 17) <u>✓</u>		
Rise in Sheer { At front of bridge house..... from amidships { At after end of forecastle [Para. 16 (e)] }			Freeboard, Table A <u>4'-7"</u> Correction for Sheer <u>- 4</u> <u>4'-3</u> Correction for Length <u>+ 3</u> <u>4'-6</u> Allowance for Deck Erections <u>- 9¼</u> <u>3'-8¾</u> Correction for Round of Beam..... <u>✓</u> Correction for Iron Deck (if required) <u>- 1¾</u> <u>3'-7</u> Additions for non-compliance with provisions of } Para. 11 (e) and (f) † } Other corrections (if any)..... Winter Freeboard <u>3'-7</u> Summer Freeboard <u>3'-4</u> N. A. Winter Freeboard <u>3'-9</u> Correction necessary because clear side amidships measured } in accordance with the Statutes is not taken at the } <u>+ 1¾</u> intersection of the deck with side. } Winter Freeboard from deck line† <u>3'-8¾</u> Summer " " " " <u>3'-5¾</u> N. A. Winter,, " " " " <u>3'-10¾</u>		
ALLOWANCE FOR DECK ERECTIONS :— Freeboard, Table C..... <u>2'-5</u> Correction for Length, if required (Para. 12 and 13) <u>+ 1½</u> <u>2'-6½</u> Freeboard by Table A. corrected for sheer, and for length, } if required (Para. 12 and 13) } <u>4'-6</u> Difference <u>1'-11½</u> Percentage as below..... <u>39.09%</u> <u>= 9.18</u> Correction of R. Q. Dk. less than 4ft. high, or if engine and } boiler openings not covered by bridge house } <u>9¼"</u> *Allowance for Deck Erections <u>9¼"</u> Length. Length allowed. Height. Forecastle..... <u>31.5</u> <u>31.5</u> <u>7.0</u> Bridge House <u>80.5</u> <u>80.5</u> <u>7.0</u> Raised Qr. Dk..... Poop..... <u>28.75</u> <u>28.75</u> <u>7.0</u> Total <u>140.75</u> <u>140.75</u> Length of Ship <u>289</u> <u>- 4.87</u> Corresponding percentage } (Para. 11, 12, or 13.) } <u>= 39.09%</u>			FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line :— Fresh Water Line above centre of Disc <u>3'-5½</u> Indian Summer Line " " " <u>4½</u> Winter Line below " " <u>3</u> Winter North Atlantic Line " " " <u>5</u>		

* Particulars should be stated on the back of this Form as to the character of the Erections, and whether closed in or not.

† State dimensions of freeing port area on the back of this form.
‡ Marked in accordance with Sec. 25, 76.