

Hawthorn, Leslie & Co. Ltd

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U.S. 5 MAY 1903

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

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>Newcastle</u>	
<u>a continuous shelter deck. Tonnage opening aft to be fitted with shipping beams & hatch covers</u>					Date of Survey <u>from Plans 4/5/03.</u>	
					Name of Surveyor <u>Mr. D. Gilmore</u>	
Ship's Name. <u>Gard No 39182</u>	Gross Tonnage. <u>U.D. 5180</u>	Official Number. <u>✓</u>	Type of Ship. <u>3 dsk with shelter deck.</u>	Date of Build. <u>1903</u>	Particulars of Classification. <u>100 A1 Shelter Deck with freeboard contemplated</u>	
Registered Length <u>420</u> Breadth <u>54</u> Depth <u>28.79</u>			Moulded Depth as measured..... <u>31'-9"</u>			
Length on Loadline <u>420</u>						
Breadth <u>54</u>						
Depth..... <u>28.79</u>			Tons und. Dk. <u>5180</u>			
			× 100			
Co-efficient of fineness <u>.79</u>			CORRECTION FOR LENGTH :—			
Any modification necessary { [Para. 4 (a) to (e)]			Length of Ship on load line..... <u>420'</u> ✓			
Co-efficient as corrected <u>.78</u>			Length in Table <u>381'</u> ✓			
			Difference* <u>39'</u> ✓			
			Correction for 10ft., Table A, <u>1.6</u> ✓ Table C. ✓			
			× Difference* divided by 10 <u>6.24</u> (if required.)			
			If 1/10ths length covered divide by 2 } <u>3.12</u>			
			for vessels coming under para. 11 } <u>Say +3'</u> ✓			
			CORRECTION FOR IRON DECK :—			
			Proportion covered, if less than 1/10ths length covered .. <u>Complete Shelter dsk</u>			
			Thickness of usual wood deck, less stringer..... <u>- 3 1/2"</u>			
Sheer { Stem... <u>126</u> at { Sternpost... <u>42</u> } <u>168' ÷ 2 = 84' Mean</u>			CORRECTION FOR ROUND OF BEAM :—			
Sheer at 1/2 of the length from { Stem <u>64 1/4</u> Sternpost <u>23</u> } <u>43 3/8</u> ✓			Round of Beam..... <u>13"</u>			
Standard Sheer (Table, Para. 16)..... <u>52</u> ✓			Normal round <u>13"</u>			
Difference..... <u>27.3 ÷ 4 = 6.825</u>			Difference <u>1 ÷ 2 = .5</u> ✓			
			Proportion of Deck uncovered (Para. 17) ✓			
Rise in Sheer { At front of bridge house..... ✓ from amidships { At after end of forecastle ✓ [Para. 16 (e)]			Freeboard, Table A <u>8'-7 1/4"</u> ✓			
ALLOWANCE FOR DECK ERECTIONS :—			Correction for Sheer <u>- 7'-6 3/4"</u>			
Freeboard, Table C..... <u>6'-2"</u> ✓			Correction for Length <u>+ 3'-"</u>			
Correction for Length, if required (Para. 12 and 13).....			Allowance for Deck Erections <u>8'-3 1/4"</u> ✓			
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) } <u>8'-0 1/4"</u> ✓			Correction for Round of Beam..... <u>nil</u>			
Difference <u>1'-10 1/4"</u> ✓			Correction for Iron Deck (if required) <u>- 3 1/2"</u> ✓			
Percentage as below <u>with efficient temporary coverings over tonnage openings aft.</u> <u>81%</u> ✓			Additions for non-compliance with provisions of } Para. 11 (e) and (f) }			
Correction of R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house }			Other corrections (if any).....			
*Allowance for Deck Erections <u>18"</u> ✓			Winter Freeboard <u>6'-5 3/4"</u> ✓			
Length. Length allowed. Height.			Summer Freeboard <u>5'-11 1/4"</u> ✓			
Forecastle..... <u>18' of 420'</u> <u>52.50</u> - <u>7'-11 1/2"</u>			N. A. Winter Freeboard			
Bridge House <u>(360'-52.5')</u> <u>3 1/4" = 230.62</u> ✓			Correction necessary because clear side amidships measured } in accordance with the Statutes is not taken at the } intersection of the deck with side. <u>2"</u> ✓			
Raised Q. Dk.....			Winter Freeboard from deck line† <u>6'-7 3/4"</u> ✓			
Poop..... <u>40'</u> <u>1/2" = 20.00</u> ✓			Summer " " " " <u>6'-1 1/4"</u> ✓			
Total <u>303.12 + 420 - 303.12</u>			N. A. Winter, " " " "			
Length of Ship <u>420</u>						
Corresponding percentage { (Para. 11, 12, or 13.) } <u>81%</u> ✓						
FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line :—						
Fresh Water Line above centre of Disc ...			6'-1"			
Indian Summer Line " " " " ...			6 1/2"			
Winter Line below " " " " ...			6 1/2"			
Winter North Atlantic Line " " " " ...			6 1/2"			

5.5.03

* 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.

ERASE WORDS WHICH DO NOT APPLY.

The Crew ~~are~~ *are not*, berthed in the bridge house.

The arrangements to enable them to get backwards and forwards from their quarters *are*, ~~are not~~, satisfactory.

Length of Bulwarks in well $\times 2 \div$
Freeing Ports

= Sq. Ft.

Ft. Tenth. Ft. Tenth. No. }
x x x
x x x

= Sq. Ft.

Total deficiency = Sq. Ft.

Total excess =

CHARACTER OF DECK ERECTIONS. — *Proposed*

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

Do. do. do. do. Raised Quarter Deck? *Yes*

Do. do. do. do. Bridge House? *Yes*

Do. do. do. do. Forecastle? *Yes*

To what height do the Reverse Frames extend? *To Upper deck fore & aft, and alternately to 2nd Deck.*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at its fore end? *open front*

State whether the Bridge House efficiently covers the Engine and Boiler Openings *Yes.*

Has the Bridge House an efficient Iron Bulkhead at the fore end? *Continuous Shelter Deck, no bulkhead in Shelter Truss Decks.*

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? *Yes.*

Are the Hatchways efficiently constructed? *Yes.* State the height of the Coamings *30 in Shelter Deck. 9 in Upper Deck.*

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

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

State any special features in the construction of the Vessel :- *11'-0" Truss deck. Arrangement of Channel Pillars & Girders in Fore hold. Moulded Sept. reduced to 31'-9" since plans were approved. Tonnage Opening at after end only, to be fitted with shifting beams and hatch covers. These vessels will be built in accordance with the Approved Plans forwarded for reference. Freeboard Request Forms for both ships attached.*

*2 Plans
WLB.
14/5/03.
Returned 5/6/03*

Owners

Address

Fee £

Received by me



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