

Copy written
16934

JUL 5 1904

No. 13984
17234

Rpt. 11b.

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

Verification Report

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 Grunwick
Date of Survey White Building
Name of Surveyor J. Amos Lewis

"Ship's Name." <u>SS SCOTSCRAIG</u> <i>Grampian & Grampian Dk. 46</i>	Gross Tonnage. <u>256</u>	Official Number. <u>118740</u>	Type of Ship. <u>Well Deck</u>	Date of Build. <u>1904</u>	Particulars of Classification <u>H 100 A. 1. "Well Deck" (Contemplated)</u>
Number in Register Book <u>901</u>					

Registered Length 200.15 Breadth 32.5 Depth 13.1
Calves 7.2
 Length on Loadline 200
 Breadth 32.5
6500

Moulded Depth as measured..... 15.3 ✓
16.1
2.9
13.3

Depth..... 13.3
86450
64644
78

Exclusion of aft deck
 Tons und. Dk. 669.74
 for A.P. + 4
 x 100 676.74

Co-efficient of fineness48
 Any modification necessary {
 [Para. 4 (a) to (e)] -.01 For deck framing + Dk.
 Co-efficient as corrected47

CORRECTION FOR LENGTH :—
 Length of Ship on load line..... 200
 Length in Table 183
 Difference* 17
 Correction for 10ft., Table A. 10 Table C.
 x Difference* divided by 10 2/10 (if required.)
 If $\frac{1}{10}$ ths length covered divide by 2 } .85
 for vessels coming under para. 11 } = 104 + 3/4 ✓

IN 12274 CORRECTION FOR IRON DECK :—
 Proportion covered, if less than $\frac{1}{10}$ ths length covered 3/36 covered.
 Thickness of usual wood deck, less stringer..... 3 ✓
Correction - 3 ✓

Sheer { Stem... 60 } 90 ÷ 2 = 45 ... Mean
 at { Sternpost... 30 }
 Sheer at $\frac{1}{2}$ of the length from { Stem 34 } 55 ÷ 2 = 27.5
 Sternpost 18 }
 Standard Sheer (Table, Para. 16)..... 30 Correction ✓
 Difference..... 15 ÷ 4 = - 3 3/4

CORRECTION FOR ROUND OF BEAM :—
 Round of Beam..... 10
 Normal round 8
 Difference 2 ÷ 2 = 1 ✓
 Proportion of Deck uncovered (Para. 17) 25.64 for 104 ✓
104 - 1/4 ✓

Rise in Sheer { At front of bridge house.....
 from amidships { At after end of forecastle
 [Para. 16 (e)]

Freeboard, Table A 2 - 6 3/4 ✓
 Correction for Sheer - 3 3/4 ✓
 Correction for Length + 3/4 ✓
 Allowance for Deck Erections 2 - 3 3/4 ✓
 Correction for Round of Beam..... - 8 1/4 ✓
 Correction for Iron Deck (if required) 1 - 4 1/2 ✓
1 - 4 1/2 ✓

ALLOWANCE FOR DECK ERECTIONS :—
 Freeboard, Table C..... 1 - 2 1/2 ✓
 Correction for Length, if required (Para. 12 and 13)
 Freeboard by Table A, corrected for sheer, and for length, } 2 - 3 ✓
 if required (Para. 12 and 13) }
 Difference 1 - 0 1/2 ✓
 Percentage as below..... 66.36 66.60%

Additions for non-compliance with provisions of }
 Para. 11 (e) and (f) }
 Other corrections (if any)..... Through bulkheads 1/4 ✓
 Winter Freeboard 1 - 3 ✓
 Summer Freeboard 1 - 1 ✓
 N. A. Winter Freeboard 1 - 5 1/2 ✓
 Correction necessary because clear side amidships measured }
 in accordance with the Statutes is not taken at the } + 1/2 ✓
 intersection of the deck with side. }
 Winter Freeboard from deck line† 1 - 4 1/2 ✓
 Summer " " " " 1 - 2 1/2 ✓
 N. A. Winter, " " " " 1 - 4 ✓

Correction of R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house ✓
 * Allowance for Deck Erections 8 1/4 ✓

	Length.	Length allowed.	Height.
Forecastle.....	<u>21.62</u>	<u>21.62</u>	<u>4.0</u>
Bridge House <u>SS</u>	<u>57.89</u>	<u>55.25</u> <u>54.75</u>	<u>4.0</u>
Raised Qr. Dk.....	<u>69.24</u>	<u>69.24</u>	<u>4.0</u>
Poop.....	<u>140.73</u>	<u>145.61</u>	<u>4.0</u>
Total.....	<u>289.48</u>	<u>281.72</u>	
Length of Ship.....	<u>200</u>	<u>200</u>	

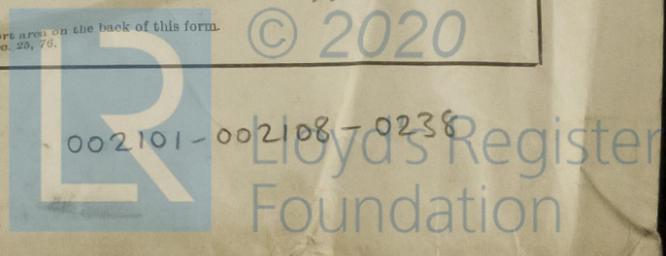
 Corresponding percentage { 66.36%

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line :—
 Fresh Water Line above centre of Disc 1 - 2 1/2 ✓
 Indian Summer Line " " " " 3 1/2 ✓
 Winter Line below " " " " 2 ✓
 Winter North Atlantic Line " " " " 4 1/2 ✓

Winter Freeboard from deck line† 1 - 4 1/2 ✓
 Summer " " " " 1 - 2 1/2 ✓
 N. A. Winter, " " " " 1 - 4 ✓

* 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.



002101-002108-0238

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 $\times 2 \leftarrow 52.0$ = Sq. Ft. 11.7 ✓
 Freeing Ports
 Ft. Tenths. Ft. Tenths. No. }
 $2.75 \times 1.83 \times 3$ } = Sq. Ft. 15.09 ✓
 Total deficiency = Sq. Ft.
 Total excess = 3.39 ✓

CHARACTER OF DECK ERECTIONS.

Do all the Frames extend to the top height in the Peep? ✓

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 Main + 2 DECKS.*

Has the Peep or Raised Quarter Deck an efficient Iron Bulkhead at its fore end? *yes*

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? *yes*

Are efficient Doors fitted to the Passage Ways? *closed*

Describe how and to what extent it is Stiffened, by angle Irons, Bulb Plates, or otherwise *BL. 8 + 3/4 spaced 30"*

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

Are efficient Doors fitted to the Passage Ways? *closed*

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

Are the Hatches solid? *yes* What is their thickness? *2 1/2"*

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

State any special features in the construction of the Vessel *None*

This vessel has been built in accordance with the Rules and approved plans, of which the tracings of mid & longitudinal sections are enclosed for reference.

J. H. 1/10/04

2 plans returned 5/7/04

Owners _____

„ Address _____

Fee £ _____ Received by me _____



© 2020

Lloyd's Register Foundation