

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

SURVEYS FOR FREEBOARD.

Particulars in respect of Steam Ships with Top Gallant Fore-
~~castles, having long poops or raised quarter decks connected~~
~~by bridge houses, or short poop and bridge house disconnected,~~
~~or bridge house.~~

Port of Survey Newport
 Date of Survey 27 June/04
 Name of Surveyor G. H. Brown

Ship's Name. "EUSTON"
 Number in Register Book 712
 Gross Tonnage. 2728
 Official Number. 105198
 Type of Ship. 19th 2nd class, 4 web frames
 Date of Build. 1898-7m
 Particulars of Classification. +100A1 with f'd

Length 320 Breadth 44 Depth 21.95

Moulded Depth as measured 24.3

on Loadline..... 320
 44

..... 21.95
 $\frac{1.87}{3}$
 $\frac{62}{100}$
22.57
 Tons
 und. Dk.
 Including peaks 2575.73
 $\times 100$

CORRECTION FOR LENGTH:—

Length of Ship on load line..... 320
 Length in Table 291
 Difference* 29
 Correction for 10ft., Table A. ... 1.3 Table C. .65
 \times Difference* divided by 10 ... (if required.)
 If $\frac{6}{10}$ ths length covered divide } +3 $\frac{3}{4}$ +2
 by 2.

ient of fineness..... .83
 odification necessary } Cell 100B.
 a. 4 (a) to (e) } .02
 ient as corrected81 .79

CORRECTION FOR IRON DECK:—

Proportion covered, if less than $\frac{7}{10}$ ths length covered..... .414
 Thickness of usual wood deck, less stringer 3 $\frac{1}{2}$
-1 $\frac{1}{2}$

{ Stem... 84
 { Sternpost... 45 } $129 \div 2 = 64.5$ Mean

t $\frac{1}{8}$ of the length from { Stem 47
 { Sternpost 25 } .36 mean
 d Sheer (Table, Para. 16)..... 42 Correction
 Difference..... $22.5 \div 4 =$ -5 $\frac{1}{2}$

CORRECTION FOR ROUND OF BEAM:—

Round of Beam..... 11
 Normal round 10 $\frac{1}{2}$
 Difference $\frac{1}{2} \div 2 =$ $\frac{1}{4}$
 Proportion of Deck uncovered (Para. 17)586 - $\frac{1}{4}$

a sheer { At front of bridge house
 idships { At after end of forecastle
 (e) }

Freeboard, Table A 5.4 $\frac{3}{4}$ 5.3 $\frac{3}{4}$
 Correction for Sheer... 5 $\frac{1}{2}$ 5 $\frac{1}{2}$
 Correction for Length 4.11 $\frac{1}{4}$ 4.10 $\frac{1}{4}$
 Allowance for Deck Erections 5.3 5.2
 Correction for Round of Beam... 4.6 $\frac{3}{4}$ 4.6
 Correction for Iron Deck (if required) 4.6 $\frac{1}{2}$ 4.5 $\frac{1}{2}$
 Additions for non-compliance with provisions }
 of Para. 11 (e) and (f) } 4.4 $\frac{1}{2}$

Other corrections (if any).....
 Winter Freeboard 4.5 4.4 $\frac{1}{2}$
 Summer Freeboard 4.1 $\frac{1}{2}$ 4.0 $\frac{1}{2}$
 N. A. Winter Freeboard 4.7 4.6 $\frac{1}{2}$
 Correction necessary because clearside amidships
 measured in accordance with the statutes is not taken
 at the intersection of the deck with side } 2
 Winter Freeboard from deck line \dagger 4.7 4.6 $\frac{1}{2}$
 Summer " " " " 4.3 $\frac{1}{2}$ 4.2 $\frac{1}{2}$
 N.A. Winter " " " " 4.9 4.8 $\frac{1}{2}$

ALLOWANCE FOR DECK ERECTIONS:—
 Table C..... 3.0 $\frac{1}{2}$ 3.0 $\frac{1}{2}$
 for Length, if required (Para. 12 and 13)..... 2
 by Table A. corrected for sheer, and for length, 15.3
 if required (Para. 12 and 13)..... 2.0 $\frac{1}{2}$
 as below 33.98%

of R. Q. Dk. less than 4ft. high, or if engine
 oiler openings not covered by bridge house
 for Deck Erections 8 $\frac{1}{4}$

Length. Length allowed. Height.
 33.0 33.0 7.6
 use Centre 73.0 70.5
 Dk. ... 68.0
 29.0 29.0 5.0
 132.5
 Ship 320 414

ing percentage } 33.98%
 12, or 13 }

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

13801.

SS EUSTON

No 712 in RB.

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 $\times 2 \div$

= Sq. Ft.

Freeing Ports.		No.
Ft. Tenths.	Ft. Tenths.	
\times	\times	}
\times	\times	

= Sq. Ft.

Total deficiency = Sq. Ft.

Total excess =

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? *Yes*

Do. do. do. Forecastle? *Yes*

To what height do the Reverse Frames extend? *all to upper deck in way of bridge*

Has the Poop or raised Quarter Deck an efficient Iron Bulkhead at its fore end? *Yes completely closed*

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 - 2 hinged iron doors 3' x 2' 9"*

Are efficient Doors fitted to the Passage Ways? *no passage in front of bridge - cargo doors*

Describe how and to what extent it is Stiffened, by angle Irons, Bulb Plates, or otherwise *as Rule*

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

Are efficient Doors fitted to the Passage Ways? *efficient storm boards*

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 *4 3/4 & 3 1/2 ins*

Are the Hatches solid? *Yes* What is their thickness? *2 1/8*

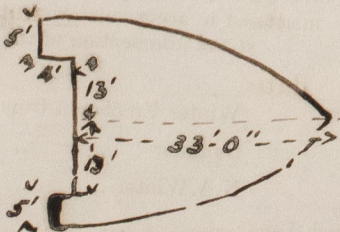
Are the exposed parts of the Engine and Boiler Casings efficiently constructed? *Yes*

State any special features in the construction of the Vessel *web frame ship with all webs to upper deck in way of E & B space & hatchways. All reverse frame to upper deck in way of bridge. No middle deck omitted & compensated for.*

Sunk poop 5' 0" high above main deck 29' long

Bridge 68' long at side, 73' long at centre line - rounded front

Forecastle



33' long at centre, 37' long at side

Owner's Name *Evans Thomas Radcliffe & Co*

Address *Cardiff*

Fee £

Received by me



© 2021

Lloyd's Register Foundation