

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

SURVEYS FOR FREEBOARD.

14095
No 5727
THUR. 28 APR 1904PARTICULARS 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~~
*open*Port of Survey *Belfast*
Date of Survey *April 1904*
Name of Surveyor *James Grogan*Ship's Name
*Kenilworth Castle*Gross
Tonnage.Official
Number.

Type of Ship.

Date of Build.

Particulars of Classification.

Number in Register Book

*Steel Iron
Screw
38Ks**1904**+100 H
Contemplated.*Registered Length *570.2* Breadth *64.7* Depth *38.75*Length on Loadline *569.5*Breadth *64.7*
*36846.65*Depth *38.75*
*1427807.6875*Tons
und. Dk. $\times 100 =$
*1061100**Fore peak 2800*
Aft 3500
*1067400*Co-efficient of fineness *.747*Any modification necessary
[Para. 4 (a) to (e)] *yes for C.D. bottom*Co-efficient as corrected *.73*Sheer { Stem... *104.5*
at Sternpost... *36.5* *141.0 \div 2 = 70.5* MeanSheer at $\frac{1}{2}$ of the length from { Stem *54.5*
Sternpost *18* *70.5 = 35.25* Mean
Standard Sheer (Table, Para. 16) *66.95* *40.5* Correction
Difference *2.95* *5.25* $\div 4 = +1\frac{1}{4}$ Para 14
*+ 3/4 Para 12*Rise in Sheer { At front of bridge house...
from amidships { At after end of forecastle...
[Para. 16 (e)]

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C... *12.2 - 2.3 1/2 = 9.8 1/2*Correction for Length, if required (Para. 12 and 13) *+ 10 1/4*Freeboard by Table A, corrected for sheer, and for length,
if required (Para. 12 and 13) *10.3 1/4*Difference *13.1 1/2*Percentage as below *28%**See notes on back regarding allowance*Correction of R. Q. Dk. less than 4ft. high, or if engine and
boiler openings not covered by bridge house*Allowance for Deck Erections *28 1/2*

Length. Length allowed. Height.

Forecastle... *115.5* *115.5* *0.3*

Bridge House ...

Raised Qr. Dk. ... *78* *78* *0.3*Poop... *78* *78* *0.3*Total *193.3* *569.5* *= .329*

Length of Ship

Corresponding percentage { *28%*

(Para. 11, 12, or 13.)

FREEBOARD 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

" " "

Moulded Depth as measured... *42.5 1/2*

CORRECTION FOR LENGTH:—

Length of Ship on load line... *569.5* \times
Length in Table... *569.5* \times
Difference*... *60.5*
Correction for 10ft., Table A... *1.7* Table C... *.8*
 \times Difference* divided by 10... *10.2* (if required.) *4.8* $+ 4 3/4$
If $\frac{1}{10}$ ths length covered divide by 2 $+ 10 1/2$
for vessels coming under para. 11

CORRECTION FOR IRON DECK:—

Proportion covered, if less than $\frac{1}{10}$ ths length covered...
Thickness of usual wood deck, less stringer...*3 1/2 wood sheathing on steel deck*

CORRECTION FOR ROUND OF BEAM:—

Round of Beam... *12*
Normal round... *15 3/4* \checkmark
Difference... *3 3/4* $\div 2 = 1 7/8$ \checkmark Proportion of Deck uncovered (Para. 17) *.661 = + 1 1/4*Freeboard, Table A... *12.2* \times Correction for Sheer... $+ 10 1/4$ Correction for Length... $+ 10 1/4$ Allowance for Deck Erections... $- 9 1/2$ Correction for Round of Beam... $+ 1 7/8$ Correction for Iron Deck (if required) \checkmark

Additions for non-compliance with provisions of

Para. 11 (e) and (f) \checkmark

Other corrections (if any)...

Winter Freeboard... *12.8 1/4*Summer Freeboard... *11.8 3/4*N. A. Winter Freeboard... \checkmark

Correction necessary because clear side amidships measured

in accordance with the Statutes is not taken at the

intersection of the deck with side. *1 1/4*Winter Freeboard from deck line†... *12.4 1/2*Summer " " " " *11.8 3/4*N. A. Winter, " " " " \checkmark 11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*11' 10" *2 10*

* 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, 75.

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

Ft.	Tenths.	Ft.	Tenths.	No.	}	= Sq. Ft.
\times		\times				
\times		\times				

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. do. Raised Quarter Deck? *-*

Do. do. do. do. Bridge House? *-*

Do. do. do. do. Forecastle? *yes*

To what height do the Reverse Frames extend? *To main & upper decks beyond the channels*

Has the Poop 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? *no, a passage each side 7 feet and opens above bulwarks*

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 *20"*

Are the Hatches solid? *yes* What is their thickness? *3 ins.*

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

State any special features in the construction of the Vessel - *Constructed with channel frames and channel beams, 4 steel decks, and a steel Bridge deck 302 feet long with deck house the same length under the Bridge.*

The approved plans of Midship and Longitudinal sections are forwarded hereunder, also the request form.

2 Plan 500

Under Par 14. Sheer at $\frac{1}{2}$ L = $+1\frac{1}{4}$ correction allowance for Erection carrying 27 eighth = 9.4% of $13'-0\frac{1}{2}"$ = $14\frac{3}{4}$ ins

returned 28/4/04

Sheer $+1\frac{1}{4}$ erection $-14\frac{3}{4}$ = $13\frac{1}{2}$ Limited by Par 12 as on other side sheer $+3\frac{3}{4}$ erection $-9\frac{1}{2}$ = $-8\frac{3}{4}$

Owners *The Union Castle Mail S.S. Co. Ltd*

Address *London,*

Fee £

Received by me



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