

THUR. 17 MAY 1906

## Lloyd's Register of British &amp; Foreign Shipping.

ISLESMAN

## 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

Date of Survey

Name of Surveyor

No. 23993  
Glasgow  
16<sup>th</sup> May 06  
P. H. Macmillan.

"ROSSGARRAGH"

Delete words which do not apply.

Ship's Name. *ex S.S. Glenarm* 400  
Gross Tonnage. 300  
Official Number. 119143  
Type of Ship. *Well deck*  
Date of Build. 1904. 6mo  
Particulars of Classification. + 100. a. i.  
Number in Register Book. 298

Registered Length as shown by ship's register. 132.8  
Breadth 23.1  
Depth 9.7

Length on Loadline ..... 132  
Breadth ..... 23.1

Depth to floors ..... 9.72  
Correction for excess or deficiency of Gradual Sheer (Para. 3) ... -2.7  
Depth to be used ..... 9.99

Tons und. Dk. 217.47  
hecks x 100 9.00  
226.47

Co-efficient of fineness ..... .74  
Any modification necessary [Para. 4 (a) to (e) \*]  
Co-efficient as corrected ..... .74

Sheer at Stem... 42 } 66 ÷ 2 = 33 ... Mean  
at Sternpost... 24 }

Sheer at  $\frac{1}{2}$  of the length from Stem 23 } 37 ÷ 2 = 18.5 ... Mean  
Sternpost 14 }

Gradual Sheer ..... PAR 14 Par 11  
Standard Sheer (Table, Para. 18) ..... 13.42 23.2  
Difference ..... 4.58 9.8 ÷ 4 = -2.2  
-1.4

Rise in Sheer from amidships { At front of bridge house .....  
[Para. 18 (e)] { At after end of forecastle .....

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C ..... 0-2 1/2  
Correction for Length, if required (Para. 12 and 13) .....

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) ..... 1-3

Difference ..... 1-0 1/2  
Percentage as below Para. 11. 1/10 covered = 10% of 1-0 1/2 = -5

Par 14 - 4/8 covered = 32% of (1-5 1/2 + 1/2) - (2 1/2 + 1/4) = 1-3 1/4 x 32% = -5

Par 11 = Sheer - 2 1/2 length + 1/4 erections -5 = -7 1/4

-14 = " - 1 1/4 " + 1/2 " -5 = -5 3/4

.544 covered = -6 1/4  
Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11

Allowance for Deck Erections ..... -6 1/4

Length. Length allowed. Height.  
Forecastle ..... 21.25 ..... 18.87 ..... 6'-6"

Bridge House ..... 7.00 ..... 7.00 ..... 7-0

† Raised Qr. Dk. .... 46.00 3.21 46.00 ..... 4-0 ...

Poop ..... 132 ..... 132 ..... -5 1/4

Total .....  
Length of Ship .....

Corresponding percentage { (Para. 11, 12, or 13.) }

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Fresh Water Line above centre of Disc ...  
FRI. 18 MAY 1906 Indian Summer Line " " " ...

Winter Line below " " " ...  
Winter North Atlantic Line " " " ...

Amended Tables March, 1903.  
MARKING FORM  
State dimensions of freeboard area on back of this form.  
Marked in accordance with Sec. 437, 1903 Act.

Moulded Depth as measured ..... 10'-6"

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

## CORRECTION FOR LENGTH.

Length of Ship on Loadline ..... 132  
Length in Table ..... 126  
Difference ..... 6

Correction for 10ft., Table A. .... -9 Table C.  
× Difference divided by 10 ..... -54 (if required.)  
If  $\frac{1}{10}$ ths length covered divide by 2 }  
for vessels coming under Para. 11 }  
and Para. 12 } Par. 14 + 1/2  
" 11 + 1/4

## CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... .562  
Thickness of usual wood deck, less stringer ..... 2-7"

-1 1/2"

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships .....  
Round of Beam ..... 3 1/4  
Normal round ..... 5 3/4  
Difference ..... ÷ 2 = .....  
Proportion of Deck uncovered (Para. 19) .....

NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale

Freeboard, Table A ..... 1'-5 1/2

Correction for Sheer .....  
Correction for Length ..... erections to  
par 11 1/4

Allowance for Deck Erections ..... -6 1/4

Correction for Round of Beam ..... 11 1/4

Correction for Iron Deck (if required) ..... -1 1/2

Additions for non-compliance with provisions of {  
Para. 11 (d) and (e) † } 9 3/4

Other corrections (if any) .....

Winter Freeboard ..... 9 3/4

Summer Freeboard ..... 8 3/4

N. A. Winter Freeboard ..... ✓

Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the wood or iron deck with side. +1"

Winter Freeboard from deck line § ..... 10 3/4

Summer " " " ..... 9 3/4

N. A. Winter, " " " ..... ✓

the frames skin planking or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.

MARKING FORM  
State dimensions of freeboard area on back of this form.  
Marked in accordance with Sec. 437, 1903 Act.

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1 1/2

Lloyd's Register

RECEIVED 26 MAY 1906

Foundation

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DELETE 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.

vessel under 150'

Length of Bulwarks in well *about 60 ft.*

Area of freeing ports required by Para. 11 (e) each side of vessel

12.5 Sq. Ft.

Freeing Ports (each side of vessel)

Ft. Tenths. Ft. Tenths. No. }  
2.92 x 1.5 x 3 }

= 13.1 Sq. Ft.

Total deficiency = Sq. Ft.

Total excess = 6 "

Vertical distance from bottom of keel or from top of deck at side amidships to lower edge of lowest side scuttle.

(N.B.—This dimension need not be reported unless the sill of the lowest side scuttle would be less than 6 inches above the Indian Summer Load Line if assigned under the tables.)

Do all the Frames extend to the top height in the Poop? ☒

Do. do. do. in the Raised Quarter Deck? ☒

Do. do. do. Bridge House? ☒

Do. do. do. Forecastle? ☒

To what height do the Reverse Frames extend? ☒

Has the ~~Poop~~ or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes.*

Give particulars of the means for closing the openings in Bulkhead *no. openings.*

Is the ~~Poop~~ or raised Quarter Deck connected with the Bridge House? *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.*

Give particulars of the means for closing the openings in Bulkhead *no. openings.*

Describe how and to what extent it is Stiffened, give scantlings and spacing of Angle Irons, Bulb

Plates, etc. *Bridge bulkhead covers accommodation only*

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

How are the openings closed? *no. openings.*

Is the forecastle at least as high as the main or top-gallant rail? *yes.*

Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? *open side iron sidehouses.*

Are the Hatchways efficiently constructed? *yes.* What is the thickness of the Hatches? *2 1/2.*

State the height of the Coamings in fore well? *2' 8"* In after well ☒

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

State any special features in the construction of the Vessel ☒



Show hereon the actual measurements of sheer, draft, erections, breaks in line of floors, &c.

Owners *Eglinton Limestone Co*

Address *Glasgow*

Fee £ *2 : 2 :*

Received by me



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