

# Lloyd's Register of British & Foreign Shipping.

## SURVEYS FOR FREEBOARD.

No 14658

WED 25 APR 1906

16883

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.

Delete words which do not apply.

Port of Survey Greenock  
Date of Survey 24<sup>th</sup> April 1906  
Name of Surveyor J. Breach

Ship's Name. S.S. CAIRNGORM Gross Tonnage. 407 Official Number. 119113 Type of Ship. Well Deck Date of Build. 1904 Particulars of Classification. + 100 A.I. Well Deck  
in Register Book 67

Length as { 141.7 Breadth 26.12 Depth 10.9  
ship's register. {  
Loadline ..... 141.5  
..... 26.12

Moulded Depth as measured..... 12.3"

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

or excess or deficiency ..... 11.11 Tons  
l Sheer (Para. 3) ..... 32. und. Dk. 293. including  
x 100 ..... Peaks.  
h to be used..... 11.43.  
422.45.  
293  
422.45. - 69.

f fineness ..... 69.  
ation necessary {  
(a) to (e) \* } ✓  
s corrected ..... 69.

... 45 } 72 ÷ 2 = 36 ... Mean  
apost... 29 }  
the length from { Stem 25.5 } 40.5 ÷ 2 = 20.25 ... Mean  
Sternpost 15.0 }  
er (Table, Para. 18)..... 24.15 Correction  
Difference..... 11.8 ÷ 4 = - 3"

er { At front of bridge house.....  
hips {  
0) { At after end of forecastle ✓

ALLOWANCE FOR DECK ERECTIONS:—  
Table C..... 3 1/4  
or Length, if required (Para. 12 and 13) .....  
y Table A. corrected for sheer, and for length,  
if required (Para. 12 and 13) ..... 1. 2 3/4  
s below..... 57.10

8.42 say - 8 1/2  
or engine and boiler openings not being covered }  
dge house, in cases coming under Para. 11 } + 1 1/4  
or Deck Erections ..... - 8 1/4  
Length. Length allowed. Height.  
..... 26.0' ..... 21.85 ..... 6.6  
e ..... 8.95' ..... 8.95 ..... 7.0  
Dk..... 70.50 ..... 70.50 ..... 4.4  
..... ✓  
..... 101.10  
ship ..... 141.5 = 714

g percentage {  
(12, or 13.) } 57.10. ✓

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

Fresh Water Line above centre of Disc .....  
Indian Summer Line " " .....  
Winter Line below " " .....  
Winter North Atlantic Line " " .....

\* If 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 B.Q.D. is to be taken from the level of the top of the amidship beam.

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 141.5  
Length in Table ..... 147.0  
Difference ..... 5.5

Correction for 10ft., Table A. .... .9 Table C. ✓  
x Difference divided by 10 ..... .495 (if required.)  
If 1/10ths length covered divide by 2 }  
for vessels coming under Para. 11 } .247 - 1/4"  
and Para. 12

## CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ..... 714 - 2 1/2  
Thickness of usual wood deck, less stringer.....

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....  
Round of Beam..... 7 1/2  
Normal round ..... 6 1/2  
Difference ..... 1/2 ÷ 2 = 1/4  
Proportion of Deck uncovered (Para. 19) ..... 286 ✓

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

Freeboard, Table A ..... 1' 8 1/2"  
Correction for Sheer ..... - 3  
..... 1' 5 1/2"  
Correction for Length ..... - 1/4  
..... 1' 5 1/4"  
Allowance for Deck Erections ..... - 8 1/4  
..... 9 1/2 ✓  
Correction for Round of Beam.....  
Correction for Iron Deck (if required) ..... - 2 1/2  
..... 7.1  
Additions for non-compliance with provisions of } ✓  
Para. 11 (d) and (e) † }  
Other corrections (if any)..... ✓

Winter Freeboard ..... 7 1/2"  
Summer Freeboard ..... 5 1/2"  
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 § ..... 8"  
Summer " " " " ..... 6 1/2"  
N. A. Winter, " " " " ..... ✓

..... 6 1/2  
..... 3.

Amended Tables  
March, 1906.

† State dimensions of freeing port area on back of this form.  
§ Marked in accordance with Sec. 437, M. S. Act, 1894.

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Dis. S+O. 27/4/06

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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.

Length of Bulwarks in well

Area of freeing ports required by Para. 11 (e) each side of vessel 36.7 - 10.85 Sq. Ft.

Freeing Ports (each side of vessel)

Ft. Tenth. Ft. Tenth. No. } each side = 13.725 Sq. Ft.  
2.5 x 1.83 x 3

Total deficiency = Sq. Ft.

Total excess = 2.9 "

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? Bull angle frames.

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? ☒

Give particulars of the means for closing the openings in Bulkhead closed

Is the Poop or raised Quarter Deck connected with the Bridge House? ☒

State whether the Bridge House efficiently covers the Engine and Boiler Openings Efficient high casing fitted

Has the Bridge House an efficient Iron Bulkhead at the fore end? ☒

Give particulars of the means for closing the openings in Bulkhead closed

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

Plates, etc. Stiffeners 30' apart braced to bottom Bulkhead lined with wood. No stiffeners could not be obtained. The bridge is of a substantial construction. accommodation only ☒

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

How are the openings closed? closed

Is the forecastle at least as high as the main or top-gallant rail? ☒

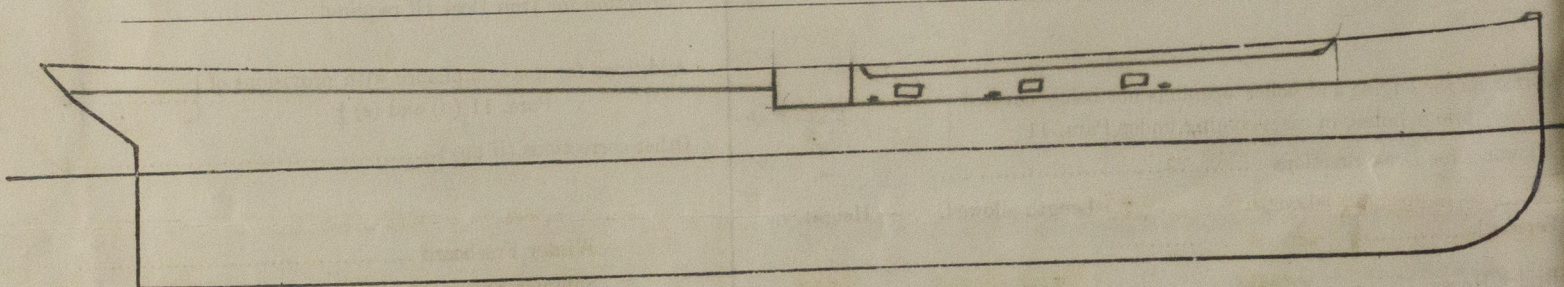
Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? open

Are the Hatchways efficiently constructed? ☒ What is the thickness of the Hatches? 3'

State the height of the Coamings in fore well? 30' In after well 21'

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

State any special features in the construction of the Vessel



Request form attached

24.4.06

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

Owners Wm Robertson

Address Glasgow

Fee £ 2 : 2 : .

Received by me



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