

VERIFICATION REPORT

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

No. 47638.

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES,
HAVING ~~RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES,~~

Port of Survey *Newcastle-on-Tyne*
Date of Survey *20th Sept. 1904*
Name of Surveyor *Arthur Couper*

Delete words which do not apply.

Ship's Name.	UNDER DECK Tonnage.	Official Number.	Type of Ship.	Date of Build.	Particulars of Classification.
<i>GRASMERE</i> Blyth S.B. Co. S.S. No. 121	437.44	-	Iron Deck	1904	+100 A.I. (Contemplated)

Registered Length as shown by ship's register. *178'0"* Breadth *26'5"* Depth *11'6"*

Length on Loadline *178'0"*Breadth *26'5"*Depth *11'6"*Tons *437.81*Moulded Depth as measured *13'9"*

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 *178'*
Length in Table *165'*
Difference *13'*

Correction for 10ft., Table A. *.9'* Table C.
× Difference divided by 10 *1.14* (if required.)
If $\frac{1}{10}$ ths length covered and Poop or RQD is connected to Bridge divide by 2 for vessels coming under para. 11 *.585* = *+1/2'*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered *.678*
Thickness of usual wood deck, less stringer *3'*

*91.2 x 3'**-2 3/4'*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships *25'9"*
Round of Beam *6 1/2"*
Normal round *6 1/2"*
Difference *Nil* ÷ 2 = *Nil*

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

Proportion of Deck uncovered (Para. 17) *Nil*

Freeboard, Table A *Summer 1 1/2'* *2' 2 1/4"*
Correction for Sheer *-* *2 1/4"*
Correction for Length *+* *1' 11 1/2"*
Allowance for Deck Erections *-* *5 1/4"*
Correction for Round of Beam *Nil*
Correction for Iron Deck (if required) *-* *2 1/4"*
Additions for non-compliance with provisions of Para. 11 (e) and (f) *Nil*
Additional bridge front stiffening + freeing port *1' 4 3/4"*
Other corrections (if any) *area 2.6% in excess of rule*

Winter Freeboard *1' 3 1/2"*
Summer Freeboard *-1 1/2"* *1' 1 3/4"*
N. A. Winter Freeboard *Nil*

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

Winter Freeboard from deck line § *1' 4 3/4"*
Summer " " " *1' 2 1/4"*
N. A. Winter, " " " *not required*

Request with preliminary

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. *(2' 2 1/4" - 12' (13'9"))* *1' 2' 0 1/2"*
Correction for Length, if required (Para. 12 and 13) *Nil*
Freeboard by Table A. corrected for sheer, *1' 11 1/4"*
(Para. ~~11~~) *11*.
Difference *11' 10 1/4"*
Percentage as below *60.14* = *6 1/2 3/4"*

Correction for R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house *1 1/4"*
Allowance for Deck Erections *- 5 1/4"*

	Length.	Length allowed.	Height.
Forecastle	<i>20'0"</i>	<i>20'0"</i>	<i>6'9"</i>
Bridge House	<i>9'0"</i>	<i>9'0"</i>	<i>7'0"</i>
† Raised Qr. Dk.	<i>9'1'8"</i>	<i>9'1'8"</i>	<i>8'0"</i>
Poop			
Total		<i>120'8"</i>	
Length of Ship		<i>178'0"</i>	<i>= .648</i>

Corresponding percentage (Para. 11, 12, or 13) *60.14*

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~(Iron)~~ Deck:—*1' 2"*

Fresh Water Line	above centre of Disc	<i>3'</i>
Indian Summer Line	" " "	<i>not required</i>
Winter Line	below " "	<i>1 1/2"</i>
Winter North Atlantic Line	" " "	<i>not required</i>

† 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 R.Q.D. is to be taken from the level of the top of the amidship beam.

† 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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DELETE WORDS WHICH DO NOT APPLY.

The Crew ~~are not~~, berthed in the bridge house.

The arrangements to enable them to get backwards and forwards from their quarters are ~~satisfactory~~.

Length of Bulwarks in well

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

Freeing Ports (each side of vessel) *4000*

Ft. Tenths. Ft. Tenths. No.
2.75 x 1.5 x 4

12.4 ✓ Sq. Ft.

+25% 15.5 ✓

= 16.5 ✓ Sq. Ft.

Total deficiency = Sq. Ft.

Total excess = 1.0 ✓

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? *yes*

Do. do. do. Bridge House? *yes*

Do. do. do. Forecastle? *yes*

To what height do the Reverse Frames extend? *To R. Q. Deck, + Stringers alternately in E + B space.*

Has the ~~Bridge~~ 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 ~~Bridge~~ or raised Quarter Deck connected with the Bridge House? *yes*

State whether the Bridge House efficiently covers the Engine and Boiler Openings *no high coamings only.*

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. *5 1/2" x 3 x 3/8" Bulb Angles, braced top, bottom, and two Web Plates*

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? *yes*

Are the Hatchways efficiently constructed? *yes* What is the thickness of the Hatches?

State the height of the Coamings in fore well? *3'-0"* 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 *constructed in accordance*

with approved plans forwarded herewith

Preliminary Report is herewith No. 46806. Application form forwarded by Builder on 29th March 1904.

*2 plans
HAB
submitted 23/10/04*

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

Owners

Address

Fee £

Received by me



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