

Copy written

17361

Lloyd's Register of British & Foreign Shipping.

LONDON TRADE

SURVEYS FOR FREEBOARD.

WED. 9 MAY 1906

77762

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 Sunderland

Date of Survey 8th May 1906

Name of Surveyor George Harrison

Delete words which do not apply.

Ship's Name. "GRASMERE"	Gross Tonnage. 600	Official Number. 118643	Type of Ship. Well Deck	Date of Build. 1904-9000	Particulars of Classification. 100 A. 1. 11-05
Number in Register Book 630					

Registered Length as shown by ship's register. 148.0 Breadth 26.5 Depth 11.6

Moulded Depth as measured 13.9

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

Tons and Dk. 432.81
 Ordinary floors 10.
 $\times 100$ 422.81
 11.6
 $\frac{432.81}{11.6} = 37.31$
 $37.31 - 28 = 9.31$
 $9.31 \times 10 = 93.1$
 $422.81 + 93.1 = 515.91$
 $\frac{515.91}{11.88} = 43.43$

CORRECTION FOR LENGTH.

Length of Ship on Loadline 148
 Length in Table 165
 Difference 13

Correction for 10ft., Table A. .95 Table C.
 x Difference divided by 10 1.23 (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 .61 + $\frac{1}{2}$ ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered .678
 Thickness of usual wood deck, less stringer 3
- 2 3/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 62
 Round of Beam 62
 Normal round 62
 Difference $\div 2 =$ 0
 Proportion of Deck uncovered (Para. 17) ✓

Freeboard, Table A 2 " 1 3/4
 Correction for Sheer - " 2 3/4
 Correction for Length + " 1 1/2
 Allowance for Deck Erections - " 8 3/4
 Correction for Round of Beam - " 4 3/4

Correction for Iron Deck (if required) - 2 3/4
 Additions for non-compliance with provisions of Para. 11 (e) and (f) + 2
 Other corrections (if any) -

Winter Freeboard 1 " 2
 Summer Freeboard 1 " 0
 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 § 1 " 3
 Summer " " " " 1 " 1
 N. A. Winter " " " " -

At front of bridge house 0
 At after end of forecastle 0

ALLOWANCE FOR DECK ERECTIONS :-
 Length, if required (Para. 12 and 13) 0 " 5 1/2
 Table A, corrected for sheer, and for length, required (Para. 12 and 13) 1 " 11 1/2
1 " 5 1/2
40.45
4 1/2

At Dk. less than 4ft. high, or if engine and masts not covered by bridge house + 1/4
 Deck Erections 6 3/4

Length.	Length allowed.	Height.
20.0	20.0 - x	6.9
9.0	9.0 - x	4.0
91.8 x $\frac{5.0}{3.52} = 130.2$	48.2 - x	3.0
120.8	104.2	
4.8	148.0	6.03

Percentage 40.45%

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

Fresh Water Line above centre of Disc 1 " 1
 Indian Summer Line " " 1 " 1
 Winter Line below " " 1 " 1
 Winter North Atlantic Line " " 1 " 1

MAY 10 1906
 MARKING FIRM
 26 JUN 1928
 RECEIVED
 Lloyd's Register Foundation
 © 2020

MS25-0127

DELETE WORDS WHICH DO NOT APPLY.

45-6 long

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~~ satisfactory.

fore hatch forms fairway

Length of Bulwarks in well

57.0

? Rails

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

Sq. Ft. originally reported

Freeing Ports (each side of vessel)

12.2

Ft.	Tenths.	x	Ft.	Tenths.	x	No.
2.	75	x	1.	5	x	4
		x			x	

= 16.5 Sq. Ft.

Total deficiency = Sq. Ft.

Total excess = 4.3 "

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? *Bull angle framing*

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

State whether the Bridge House efficiently covers the Engine and Boiler Openings *Engines aft.*

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. *Bull angles & knees (5 1/2 x 3 x 3/16) 30" apart, & two webs.*

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? *2 1/2"*

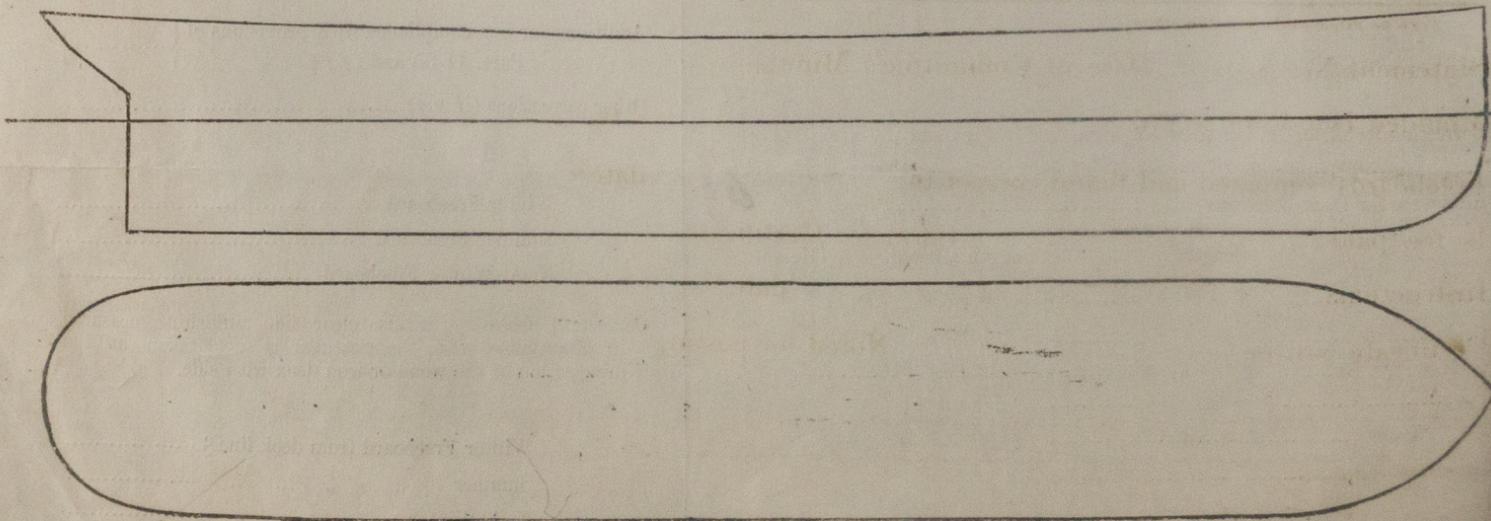
State the height of the Coamings in fore well? *38"* In after well *31"*

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

State any special features in the construction of the Vessel *Well Deck vessel, built*

by Blyth S.P.C. in 1904. Form Reg. 9 received

from Owners attached hereto.



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

Owners *Messrs. J. W. Falconer & D. Ross*

Address *Newcastle-on-Tyne*

Fee *2. 2.* Received by me *11/5/06*

8.5



© 2020

Lloyd's Register Foundation