

12194 Copy written

THUR. 11 OCT 1906

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

1875

REGULATIONS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLE,
 HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES,
 OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

Port of Survey WEST HARTLEPOOL
 Date of Survey While building
 Name of Surveyor A. Harbeck

Delete words which do not apply.

W. Gray No 739
Volsella
EXVERASTON

Ship's Name. <u>EXVERASTON</u>	Gross Tonnage. <u>12438</u>	Official Number. <u>12438</u>	Type of Ship. <u>One deck dup framing</u>	Date of Build. <u>1906</u>	Particulars of Classification. <u>1100 A. 1. (Contemplated)</u>
Number in Register Book <u>8 in Suppl. 1875</u>					

Registered Length as shown by ship's register. } 281.0 Breadth 40.0 Depth 18.2
 Length on Loadline 281.0
 Breadth 40.0
 Less for dup framing .5
 Breadth to use. 39.5

Depth 18.2 Tons and Dk. 1716.87
 Correction for excess or deficiency of Gradual Sheer (Para. 3) 1036.86
 Depth to be used 19.06

$\frac{1716.87 \times 100}{281 \times 39.5 \times 19.06}$

Co-efficient of fineness 81
 Any modification necessary [Para. 4 (a) to (e)*]02 (Curv)
 Co-efficient as corrected 79

Sheer at Stem... 90 } 138 ÷ 2 = 69 ... Mean
 at Sternpost... 48 }

Sheer at 1/3 of the length from Stem 49 1/2 } 76 ÷ 2 = 38 ... Mean
 Sternpost 26 1/2 }

Gradual Sheer 69
 Standard Sheer (Table, Para. 18) 38.1 Correction ✓
 Difference 30.9 ÷ 4 = 7 3/4

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

ALLOWANCE FOR DECK ERECTIONS :-
 Freeboard, Table C 1-6 1/2
 Correction for Length, if required (Para. 12 and 13) +2
 Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) } 3-9 3/4
 Difference 2-12 1/4
 Percentage as below 28.09%

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11			
Allowance for Deck Erections		<u>7 3/4</u>	
	Length.	Length allowed.	Height.
Forecastle.....	<u>30.0</u>	<u>30.0</u>	<u>7.0</u>
Bridge House	<u>74.0</u>	<u>74.0</u>	<u>7.0</u>
† Raised Qr. Dk.....	-	-	-
Poop.....	<u>20.10</u>	<u>20.83</u>	<u>7.0</u>
Total		<u>124.83</u>	<u>44.2</u>
Length of Ship		<u>281</u>	

Percentage as below 28.09%

Moulded Depth as measured 20.7 1/2

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 281.0 ✓
 Length in Table 247.5 ✓
 Difference 33.5 ✓

Correction for 10ft., Table A 1.2 ✓ Table C. .6
 × Difference divided by 10 (if required.)
 If 1/10ths length covered divide by 2 for vessels coming under Para. 11 and Para. 12 } $\frac{33.5 \times 1.2}{10} = +4$ $\frac{33.5 \times .6}{10} = +2$

CORRECTION FOR IRON DECK.
 Proportion covered, if less than 1/10ths length covered 4442
 Thickness of usual wood deck, less stringer 3 1/2 ✓
 = -1 1/2

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships 39.6
 Round of Beam 104
 Normal round 97
 Difference 3/8 ÷ 2 = 3/16

Proportion of Deck uncovered (Para. 19)

Freeboard, Table A 4-1 1/2
 Correction for Sheer -7 3/4
 Correction for Length +4
 Allowance for Deck Erections 3-9 3/4
 Correction for Round of Beam -7 3/4
 Correction for Iron Deck

Additions for non-Paras
 Other corrections
 Winter Freeboard
 Summer "
 N. A. Winter,

Correction necessary in accordance with intersection of the w

Disc to top of Statutory Deck Line, Wood (Iron) Deck :-
 above centre of Disc
 below " " "
 Atlantic Line " " "
 the breadth of vessel to inside
 † State dimension



1100-091600-251600

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

Sq. Ft.

Freeing Ports (each side of vessel)

Ft.	Tenths.	Ft.	Tenths.	No.
x		x		
x		x		

Sq. Ft.

Total deficiency =

Sq. Ft.

Total excess =

"

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? ye.

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

Do. do. do. Bridge House? ye.

Do. do. do. Forecastle? ye.

To what height do the Reverse Frames extend? Bulb angle framing

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

Give particulars of the means for closing the openings in Bulkhead Shifting boards to full height.

Is the Poop or raised Quarter Deck connected with the Bridge House? no.

State whether the Bridge House efficiently covers the Engine and Boiler Openings ye.

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

Give particulars of the means for closing the openings in Bulkhead Change plate doors.

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

Plates, etc. 7 x 3 x 1/20 Bulb angles 30 apart.

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

How are the openings closed? Shifting boards to full height.

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

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

Are the Hatchways efficiently constructed? ye. What is the thickness of the Hatches? 2 1/2"

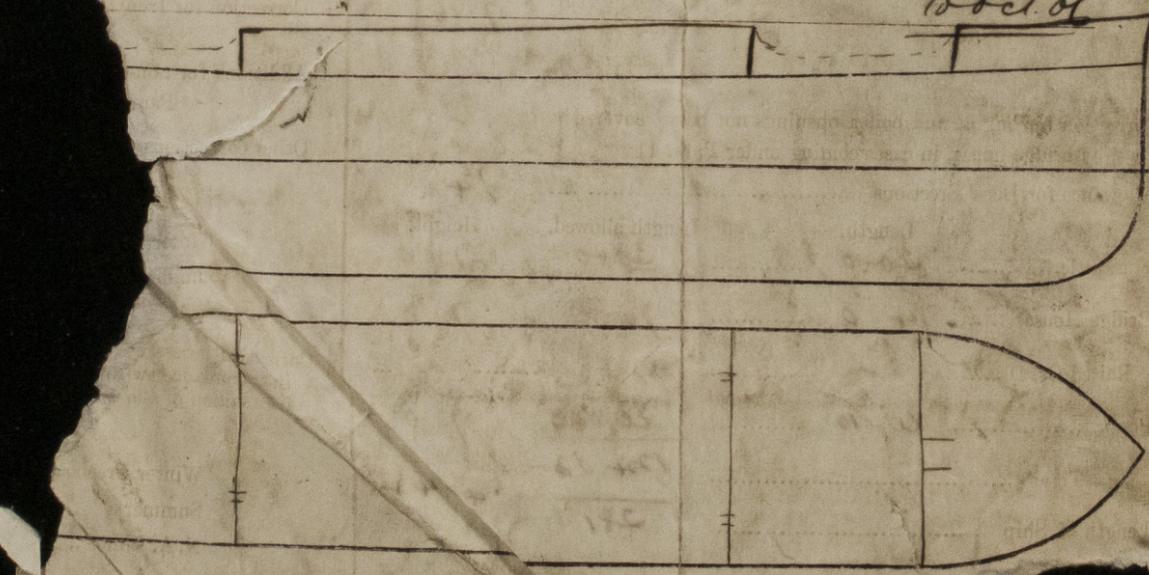
State the height of the Coamings in fore well? 38' - 31' In after well 31'

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

State any special features in the construction of the Vessel

See approved plan of midship section herewith. Also see
Memorandum Report No 12970 & see Letter 1.6.06 (M). Alharbett.

10001 of



on the actual measurements of sheer, draft, erections, peaks

Wolman 167
West Hartlepool.

Received by me



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Foundation