

Lloyd's Register of British & Foreign Shipping.

No 9404

13 NOV 1906

SURVEYS FOR FREEBOARD.

ARTICLES IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES,
LONG POOPS ~~OR BRIDGE HOUSES~~ CONNECTED WITH BRIDGE HOUSES,
~~OR BRIDGE HOUSES~~ OR BRIDGE HOUSES.

Port of Survey Hamburg
Date of Survey 12 November 1906
Name of Surveyor Geo Bylles

Delete words which do not apply.

Ship's Name.	Gross Tonnage.	Official Number.	Type of Ship.	Date of Build.	Particulars of Classification.
<u>Gen</u>	<u>4210</u>		<u>Yard Steel</u>	<u>1906</u>	<u>100A1 Three deck</u>
Register Book <u>38 Sup</u>			<u>2 Years of Beam</u>	<u>11 1/4</u>	

Length as measured 388.0 Breadth 57.0 Depth 25.2
 Line 388.85
 57
 $-.27$
50.73
 25.2
 5.5
 6.6
25.75
 5.82
 3933
 5106
 $= .44$
 94
 40
 $134 \div 2 = 68 \frac{1}{2}$ Mean
 Length from Stem $54 \frac{1}{2}$ Sternpost $14 \frac{1}{2}$ $49 \div 2 = 36$ Mean
 65.45
 48.88 Correction
 $16.57 \div 4 = 4 \frac{1}{8}$

Moulded Depth as measured 27.9

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

CORRECTION FOR LENGTH.
 Length of Ship on Loadline 388.85
 Length in Table 333.00
 Difference 55.85
 Correction for 10ft., Table A. 1.4 Table C. X
 x Difference divided by 10 7.8 (if required.)
 If 1/10ths length covered divide by 2 for vessels coming under Para. 11 and Para. 12 3.9
0.44 + 4

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

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships 49 1/4
 Round of Beam 14
 Normal round 12 1/4
 Difference 1 3/4
 $1 3/4 \div 2 =$ 7/8
 Proportion of Deck uncovered (Para. 19) 6.26%

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

At front of bridge house 38
 At after end of forecastle 55 1/2

ALLOWANCE FOR DECK ERECTIONS :-
 Correction for Sheer 3.06
 Correction for Length 6.38
 Allowance for Deck Erections 2.98
 73.44
2.07

Freeboard, Table A 6.4 1/4
 Correction for Sheer - 4 1/8
 Correction for Length + 8 1/8
 Allowance for Deck Erections - 2 0 1/2
4 6 1/2

Length. Length allowed. Height.
50.0 50.0 8.0
314.5 314.5 8.0
 364.5
 388.85
 93.78

Correction for Round of Beam 4.6 3/4
 Correction for Iron Deck (if required) 3 1/4
4 3 1/4

Winter Freeboard 4.5 1/4
 Summer Freeboard 3.11 1/4
 N.A. Winter Freeboard 2

Percentage 43.78

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 " " "

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

Winter Freeboard from deck line § 4.5 1/4
 Summer " " " 3.11 1/4
 N.A. Winter, " " " 2

In planking or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.

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

W499-0082



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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 24.25ft ✓
 Area of freeing ports required by Para. 11 (e) each side of vessel 8.920 Sq. Ft.
 Freeing Ports (each side of vessel)

Ft.	Tenths.	Ft.	Tenths.	No.	}	=	<u>11.62</u>	Sq. Ft.
<u>3.</u>	<u>5</u>	<u>1.</u>	<u>66</u>	<u>2</u>				
	x		x					

Total deficiency = _____ Sq. Ft.
 Total excess = 2.70 2.62 "

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? } combined, yes Bull frames
 Do. do. do. Bridge House? _____
 Do. do. do. Forecastle? yes Bull frames

To what height do the Reverse Frames extend? Bull angle framing throughout

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 _____

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

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 1/2" iron plate, angle frame hook bolts

Describe how and to what extent it is Stiffened, give scantlings and spacing of Angle Irons, Bulb Plates, etc. Bull angle 8 x 3 1/2 x 1/20 spaced 28" apart brackets top & bottom
Six intermediate bulkheads with storm boards in riveted channels full height

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

How are the openings closed? _____

Is the forecastle at least as high as the main or top-gallant rail? Height 8 ft

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

Are the Hatchways efficiently constructed? yes What is the thickness of the Hatches? 3" in Well 2 1/2" out

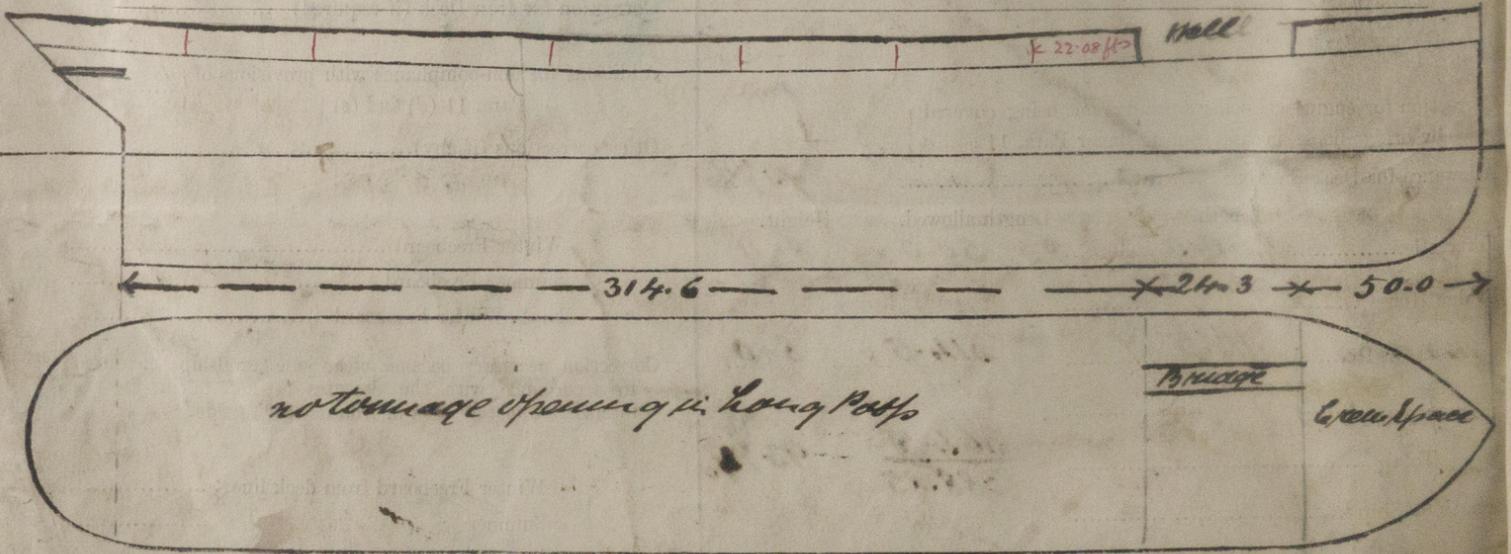
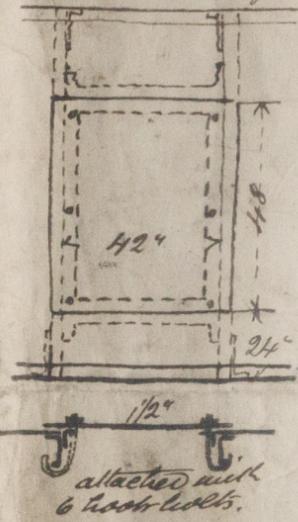
State the height of the Coamings in fore well? 45" in Poop 32"

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

State any special features in the construction of the Vessel _____

Six intermediate bulkheads openings 3 1/2 ft with storm boards in riveted channels full height

Doorways in Bridge front



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

Owners Deuts. Australische Dampfschiff Ges

Address _____

Fee £ _____

Received by me _____



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