

SURVEYS FOR FREEBOARD.

ARTICULARS 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 *Newcastle on Tyne*
Date of Survey *29th September 1905*
Name of Surveyor *B. Chawes*

Ship's Name. <i>S.S. "Lestris"</i>	Gross Tonnage. <i>1383</i>	Official Number. <i>120702</i>	Type of Ship. <i>Well Deck</i>	Date of Build. <i>1905</i>	Particulars of Classification. <i>100A1 "Contemplated"</i>
Number in Register Book <i>14 Suppl.</i>	<i>1173.5</i>				

Registered Length as shown by ship's register. *260.0* Breadth *34.7* Depth *18.5*
Length on Loadline *260* *1.12*
Breadth *34.7* *17.38*

Moulded Depth as measured *19.9*

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

Depth *156802.36*
Tons und. Dk. *1173.5*
110.0
× 100 *1183.5*

CORRECTION FOR LENGTH.

Length of Ship on Loadline *260.0* ✓
Length in Table *237* ✓
Difference *23* ✓

Correction for 10ft., Table A. *1.15* ✓ Table C.
× Difference divided by 10 *2.645* (if required.)
If $\frac{5}{16}$ ths length covered and Poop or R.Q.D. is connected to Bridge divide by 2 for vessels coming under para. 11 *1.32* ✓ = *+1.4*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{16}$ ths length covered *3.5* ✓
Thickness of usual wood deck, less stringer *3.5* ✓

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

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships *33.75* ✓
Round of Beam *8.5* ✓
Normal round *8.5* ✓
Difference *✓ ÷ 2 =* ✓

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

Freeboard, Table A *3-8 1/4* ✓
Correction for Sheer *-2* ✓
3-6 1/4 ✓
Correction for Length *+1.4* ✓
3-7 1/2 ✓
Allowance for Deck Erections *-10 1/4* ✓
2-9 1/4 ✓
Correction for Round of Beam *✓*
Correction for Iron Deck (if required) *-3 1/2* ✓
2-5 3/4 ✓
Additions for non-compliance with provisions of Para. 11 (e) and (f) *✓*
Other corrections (if any) *✓*

Winter Freeboard *2-8 5/4*
Summer Freeboard *2-8 2 3/4*
N. A. Winter Freeboard *2-8 7 3/4*

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. *man* *1 1/2*

Winter Freeboard from deck line § *2-7 1/4*
Summer " " " *2-4 1/4*
N. A. Winter, " " " *2-9 1/4*

Freeboard (Iron) Deck:— *2-4 1/4*

Fresh Water Line above centre of Disc *1* *4* *4*
Indian Summer Line " " " *3* *3* *3*
Winter Line below " " *3* *3* *3*
Winter North Atlantic Line " " " *5* *5* *5*

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. *1-9 1/2* ✓
Correction for Length, if required (Para. 12 and 13) *✓*
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) *3-6 1/4* ✓
Difference *1-8 3/4* ✓
Percentage as below *68.4%* *14.19* ✓
2-14 1/4 ✓

Safe 2'6" on Plank side. *✓*
Int. of poop, *✓*
-10 1/4 ✓

Correction for R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house *✓*

Allowance for Deck Erections *✓*

	Length.	Length allowed.	Height.
Forecastle.....	<i>55.0</i>	<i>43.75</i> ✓	<i>7-0</i>
Bridge House <i>✓</i>	<i>150.0</i>	<i>150.0</i> ✓	<i>7-1 1/2</i>
Raised Q. Dk.		<i>193.75</i> ✓	
Op. Combined.....		<i>260</i> = <i>7.45</i>	
Total			

Corresponding percentage { *= 68.4%*
(Para. 11, 12, or 13.) }

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, *man*
Fresh Water Line above centre of Disc *1* *4* *4*
Indian Summer Line " " " *3* *3* *3*
Winter Line below " " *3* *3* *3*
Winter North Atlantic Line " " " *5* *5* *5*

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.

DELETE WORDS WHICH DO NOT APPLY.

The Crew ~~are, are not~~, berthed in the bridge house. *in Deck House or Poop.*
The arrangements to enable them to get backwards and forwards from their quarters ~~are, are not~~ satisfactory.

Length of Bulwarks in well *55' 0" ft.*

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

12 Sq. Ft.

Freeing Ports (each side of vessel) *from*

Ft.	Tenths.	Ft.	Tenths.	No.
2	6	2	0	1
2	2	1	6	1
2	6	1	6	2

12 ~~Sq. Ft.~~ = *16* Sq. Ft.

Total deficiency = *Nil* Sq. Ft.

Total excess = *Nil 4* "

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?

Yes

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

Do. do. do. Bridge House? *✓*

Do. do. do. Forecastle? *Yes*

To what height do the Reverse Frames extend? *Main & Lower Deck Alternately*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Solid Bulkhead with 2' 6" paraffin way a Starboard side closed weather boards*

Give particulars of the means for closing the openings in Bulkhead

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

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?

Give particulars of the means for closing the openings in Bulkhead *Poop & Bridge Combined*

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

Plates, etc. *7 x 3 x 9/20 B.A. bracketed top & bottom & average spacing 2' 6" apart.*

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? *Yes*

Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? *Open between house*

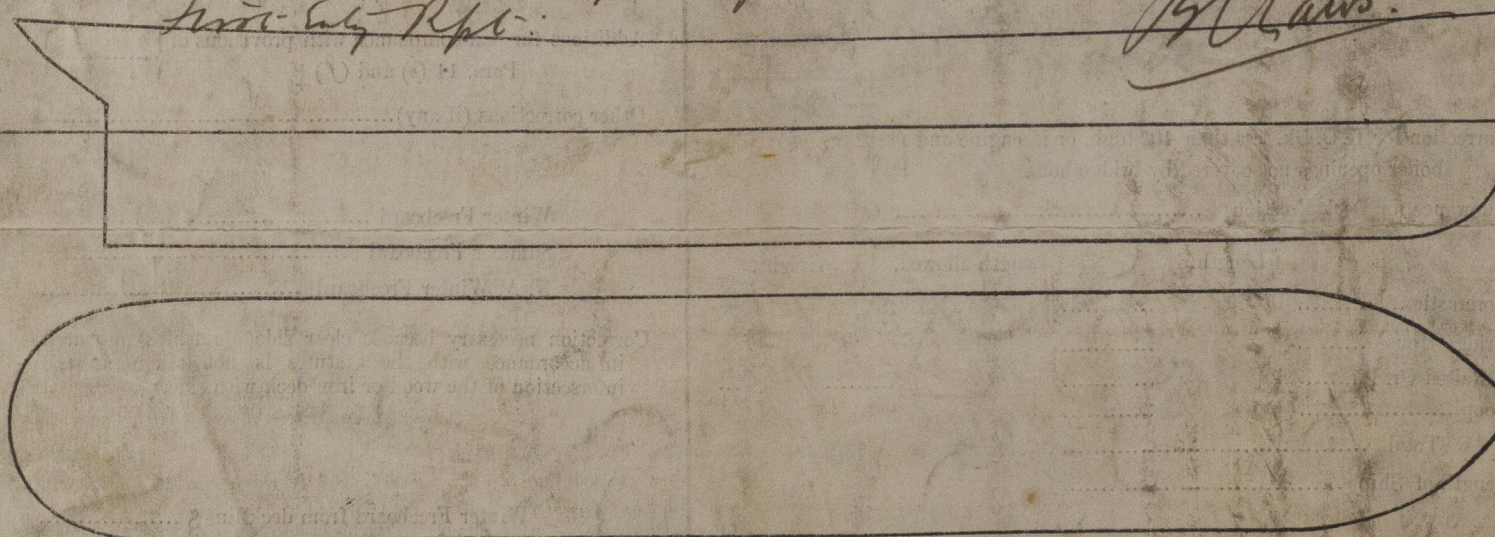
Are the Hatchways efficiently constructed? *Yes* What is the thickness of the Hatches? *3"*

State the height of the Coamings in fore well? *30"* 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 *This vessel has been constructed in accordance with the approved plans herewith enclosed. A Freeboard Request was forwarded with Naval Preliminary Rpt. No. 48460. Please return approved plans for dealing with First Entry Rpt.*

2 Plans H.R.B.



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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