

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

17959

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 _____
Date of Survey _____
Name of Surveyor _____

Delete words which do not apply.

Ship's Name. <i>Arvonian</i>	Gross Tonnage. 2794	Official Number. 119973	Type of Ship. 10k. & Deck	Date of Build. 1905	Particulars of Classification. 100 A.1.
Number in Register Book 37 Dup.					

Registered Length as shown by ship's register. } 331.35 Breadth 47.6 Depth 20.15
 Length on Loadline 331
 Breadth 47.6

Moulded Depth as measured..... 20.6

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

Depth..... 20.1
 Correction for excess or deficiency of Gradual Sheer (Para. 8)6
 Depth to be used..... 20.7

CORRECTION FOR LENGTH.
 Length of Ship on Loadline..... 331
 Length in Table 270
 Difference 61
 Correction for 10ft., Table A. 1.2 Table C.
 x Difference divided by 10 (if required.)
 If 1/10ths length covered divide by 2 for vessels coming under Para. 11 and Para. 12 } + 3 3/4

Co-efficient of fineness80
 Any modification necessary [Para. 4 (a) to (e) *] } *see 63 duptr.*
 Co-efficient as corrected79.

CORRECTION FOR IRON DECK.
 Proportion covered, if less than 1/10ths length covered698
 Thickness of usual wood deck, less stringer..... - 3 1/2

Sheer { Stem... 84 }
 at { Sternpost... 45.5 } 129.5 ÷ 2 = 64.75 Mean
 Sheer at 1/2 of the length from { Stem 46.5 }
 { Sternpost 75.75 } 71.75 ÷ 2 = 35.875 Mean
 Gradual Sheer
 Standard Sheer (Table, Para. 18)..... 43.1 Correction
 Difference..... 21.65 ÷ 4 = - 5 1/2

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships..... 46.7
 Round of Beam..... 12 1/2
 Normal round 11 1/2
 Difference 1/2 ÷ 2 = 1/4
 Proportion of Deck uncovered (Para. 19)

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

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

ALLOWANCE FOR DECK ERECTIONS: -
 Freeboard, Table C..... 1-11 1/4
 Correction for Length, if required (Para. 12 and 18)

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 18) - 11 } 4-3 1/4
 Difference 2-4
 Percentage as below..... 49.80%

Freeboard, Table A 4-8 3/4
 Correction for Sheer - 5 1/2
 Correction for Length + 3 3/4
 Allowance for Deck Erections - 1-2
 Correction for Round of Beam..... - 3-5

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11 }
 Allowance for Deck Erections - 14

	Length.	Length allowed.	Height.
Forecastle.....	30.16	30.16	7-8
Bridge House	170	170	"
† Raised Qr. Dk.....	30.92	30.92	"
Poop.....			
Total		231.08	= .698
Length of Ship		331	

Correction for Iron Deck (if required) - 3 1/2
 Additions for non-compliance with provisions of Para. 11 (a) and (e) † }
 Other corrections (if any)..... + 2

Corresponding percentage (Para. 11, 12, or 13.) } 49.80%

Winter Freeboard 3-1 1/2
 Summer Freeboard 2-9 1/2
 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. } + 2
 Winter Freeboard from deck line § 3-3 1/2
 Summer " " " " 2-11 1/2
 N. A. Winter, " " " "

FREEBOARD 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 " " " "

MARKING REPORT
 Lloyd's Register
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 APR 26 1906
 LLOYD'S REGISTER
 LONDON

003023-003028-0121

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? _____

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

Do. do. do. Bridge House? _____

Do. do. do. Forecastle? _____

To what height do the Reverse Frames extend? _____

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 _____

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

Give particulars of the means for closing the openings in Bulkhead _____

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

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? _____

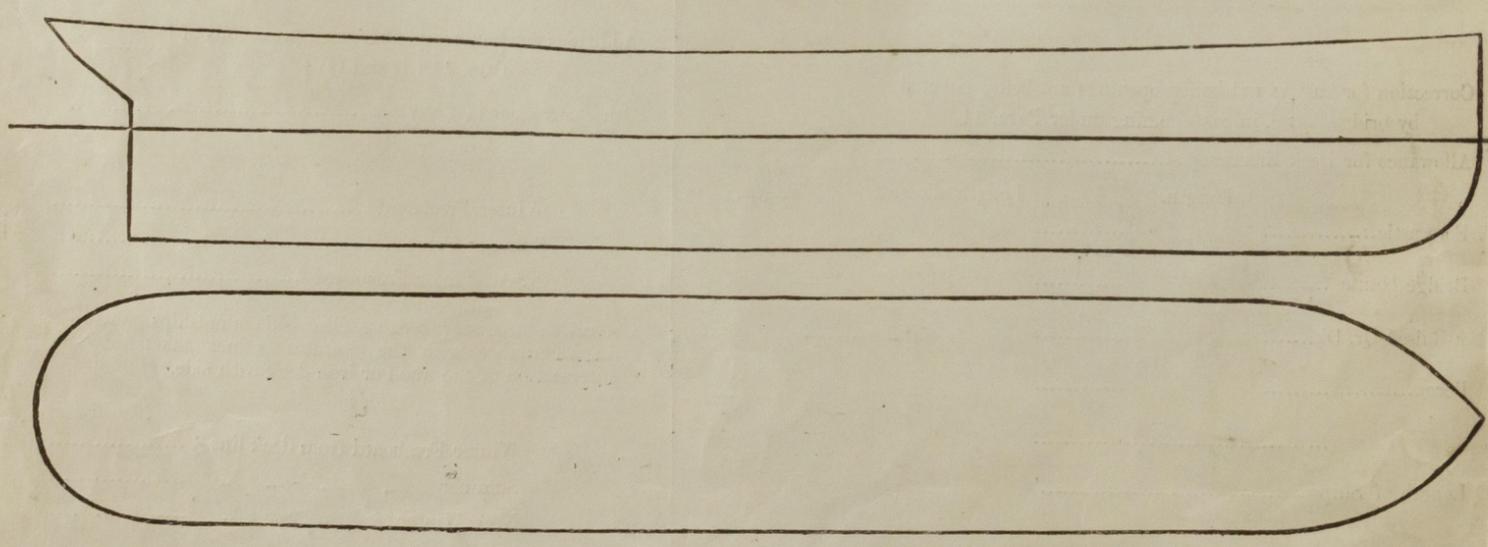
Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? _____

Are the Hatchways efficiently constructed? _____ What is the thickness of the Hatches? _____

State the height of the Coamings in fore well? _____ In after well _____

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

State any special features in the construction of the Vessel _____



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

Owners _____

Address _____

Fee £ _____

2. Gpm

4x4
Applied for in London
25/7/06

Received by me per Ch. 27. 6-07
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Lloyd's Register Foundation

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