

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

FRI. MAY. 22 1914

16679

23711

REGULATIONS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
 ALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
 TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
 CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey *Greenwich*
 Date of Survey *while building at*
 Name of Surveyor *J. Bennett*

Ship's Name. *Staces no 99* Port of Registry and Nationality. *Bristol British* Official Number. *34703* Gross Tonnage. *710* Date of Build. *1914* Particulars of Classification. *+100A, shelter deck (contemplated)*

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
231.0	30.9	12.0	576.85
230.42	30.65	12.0	576.85

Moulded Depth as measured..... 14-0
 14-4 5/8
 2-8 1/2
 11-11 3/8

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..... 230.42
 Length in Table 168.00
 Difference 62.42
 Correction for 10ft., Table A. 1.09 Table C.
 × Difference divided by 10 6.24561 (if required.)
 If 1/10ths length covered divide by 2 2.8 + 2 3/4
 +3

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered
 Thickness of usual wood deck, less stringer 3 1/2 - 3 1/4 = 3/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 30-6
 Round of Beam 7 5/8
 Normal round..... 7 5/8
 Difference 0
 Proportion of Deck uncovered (Para. 19)

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

ALLOWANCE FOR DECK ERECTIONS:—

At front of bridge house.....
 At after end of forecastle
 ÷ 2 =
 Correction

Freeboard, Table A 2 - 1 1/2
 Correction for Sheer
 Correction for Length 3 3/4
 Allowance for Deck Erections 2 - 4 1/2
 Correction for Round of Beam..... 9 1/4
 Correction for fall in Sheer (if any).....
 Correction for Iron Deck (if required) 3 1/4
 Additions for non-compliance with provisions of Para. 11 (d) and (e) † 3 1/4
 Other Corrections (if any) in accordance with provisional assignment of 11/13 giving desired moulded draft of 13-3
 Winter Freeboard 9 1/4
 Summer Freeboard
 Indian Summer Freeboard
 N. A. Winter Freeboard

Length.	Length allowed.	Height.
206	206	7-0
5-6		
18-11	18.92	7-0
230.5	224.92	
	2.45 = 1/2 difference	
	227.67	
	230.42	

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. 1 1/4
 Winter Freeboard from deck line 10 1/2
 Summer " " " "
 Indian Summer " " " "
 A. Winter " " " "
 (Iron) Deck :—

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 " " " "

Amended Tables March 1906
 10 1/2
 3 1/2
 4
 4

planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.
 an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the R.Q.D. is to be taken from the level of the top of the amidship beam.
 the total standard mean sheer means the sheer measured at the stem and stern having poops and forecastles, it means the sheer measured at points distant from the vessel's length from stem and stern-post.

† State dimensions of freeing port area on back of this form.
 The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

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W439-0074

Do all the Frames extend to the top height in the Poop? *yes* ~~Complete shelter deck~~
 To what height do the Reverse Frames extend? *none* ~~Raised Quarter Deck?~~ Bridge House? *and* Forecastle? *yes*
 Has the Poop or 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 or Raised Quarter Deck connected with the Bridge House? *Complete shelter deck* the Bridge House an efficient Bulkhead at the fore end? *yes*
 Give particulars of the means for closing the openings in Bulkhead *yes*
 What is the thickness of the Bridge Front plating? *✓* and Coaming plate? *✓*
 Give scantlings and spacing of the Stiffeners *✓*
 Are bracket plates fitted at each end of the Stiffeners? *✓* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *✓*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*
 How are the openings closed? *shifting boards full height in permanent channels*
 Is the Forecastle at least as high as the main or top-gallant rail? *✓* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *✓*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *by shelter deck and high casing*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *✓*
 Give thickness of plating; scantlings and spacing of Stiffeners *✓*
 What is the height of the exposed Casings? *✓* Are suitable means provided for closing all openings in them in bad weather? *✓*
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:— *yes*

Position and Size.		No 1 20-1 x 11-11		No 2 20-1 x 11-11		No 3 20-1 x 11-11		No 4 14-8 x 11-11		Tonnage opening		
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	5 Ship 6 x 12-40.		
COAMING.	Height above top of DECK	30 ✓	18					30	18	Means provided for temporarily closing opening.		
	Thickness {	Sides.....	.44 ✓	.44					.40			.40
		Ends.....	.40 ✓	.40					.36			.36
SHIFTING BEAMS OR WEB PLATES.	Number	3	3	same as No 1				2	2			
	Section and Scantlings	14 x 10 x 34 ✓	14 x 10 x 34 ✓			14 x 10 x 34	14 x 10 x 34					
	Material	3 x 3 x 40 double 6 x 4 x 14 single	3 x 3 x 40 double 6 x 4 x 14 single			3 x 3 x 40 double 6 x 4 x 14 single	3 x 3 x 40 double 6 x 4 x 14 single					
* FORE AND AFTERS.	Number											
	Section and Scantlings	No fore and afters ✓										
	Material											
HATCHES Thickness		all 3" ✓										
Remarks		Hatches and webs as per approved profile										

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? *48* Strake between ~~main~~ *shelter* and Bridge Sheerstrakes? *44*
 Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { 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.

Ft. Tenths. Ft. Tenths. No.

1.5 x 1.0 x 1

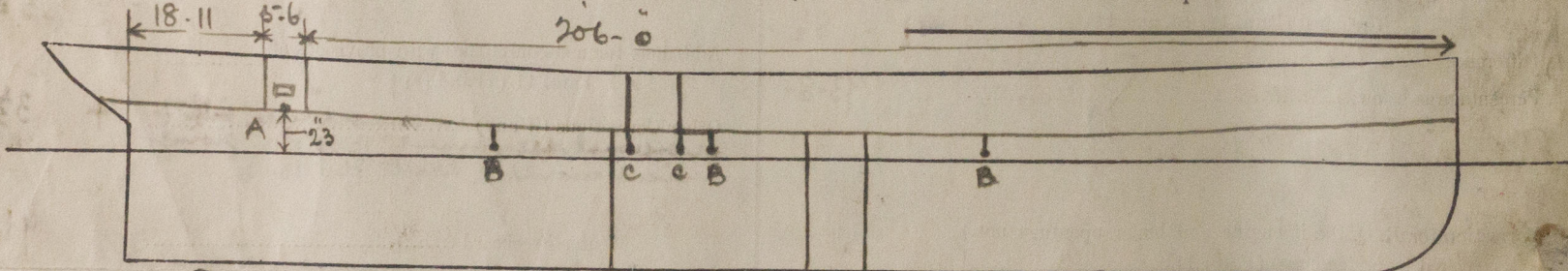
Freeing Ports (each side of vessel) =

1.5

Sq. ft. in way of tonnage opening

Total deficiency or excess =

Sq. ft.



Scuppers A Ordinary scupper 14 x 3 between 12-13 frames in tonnage opening open cut through side above upper deck 23 above load line
 B Brass scuppers with storm valves and 3 1/2 lead pipe bend zinc cover with gratings on upper deck between 39-40, 58-59, and 76.
 C Similar brass scuppers but with 1/2 lead pipe bends for w.c.s. shelter deck, between frames 47-48 and 57-58 on starboard side

Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

Lower edge of scupper openings 10 1/2 below upper deck stringer plate

State any special features in the construction of the Vessel

cellular double bottom

Tubed provisionally assigned 55/11/13

Builder's name Lamfbltown & Co

Address Lamfbltown

Fee £

Received by me



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