

NOV 16 1909

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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

Port of Survey Newcastle
Date of Survey 15th Nov 1909
Name of Surveyor C. Mayfield Smith.

Table with columns: Ship's Name (ABEILLE NO 10), Port of Registry (Marse French), Official Number, Gross Tonnage, Date of Build (1909), Particulars of Classification (100A1 Contemplated for towing purposes).

Table with columns: Registered dimensions from Ship's Register, LENGTH (106.3), BREADTH (23.1), DEPTH (11.6), UNDER DECK Tonnage (169.02).

Moulded Depth as measured 12.9
3" wood deck fitted

Co-efficient of fineness 169.02 / 297.66 = .57
Any modification necessary [Para. 4 (a) to (e)\*]
Co-efficient as corrected .68 lowest in Table

Table: CORRECTION FOR LENGTH. Length of Ship on Loadline 106, Length in Table 153, Difference 47, Correction for 10ft., Table A .9, x Difference divided by 10 4.23, If 1/10ths length covered divide by 2 -4 1/4

Sheer at Stem 26 1/2, at Sternpost 40, Sheer at 1/2 of the length from Stem 14, Sternpost 25 1/2, Gradual mean Sheer 35.9, Standard mean Sheer (Table, Para. 18) 20.6, Difference 12.65, Correction 3.162

P.N. 4782 CORRECTION FOR IRON DECK. Proportion covered, if less than 1/10ths length covered, Thickness of usual wood deck, less stringer.

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

Table: CORRECTION FOR ROUND OF BEAM. Breadth at Gunwale amidships 23.0, Round of Beam 53/4, Normal round 53/4, Difference nil, Proportion of Deck uncovered (Para. 19) nil

Fall in sheer [Para. 18 (d)] divided by 2, Length uncovered, Correction

Table: Freeboard, Table A 1-10.25, Correction for Sheer -3.162, Correction for Length -4.23, Allowance for Deck Erections nil

ALLOWANCE FOR DECK ERECTIONS: Freeboard, Table C, Correction for Length, if required (Para. 12, 13, and 14), Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14), Difference, Percentage as below, Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11), Allowance for Deck Erections

Table: Correction for Round of Beam nil, Correction for fall in Sheer (if any) nil, Correction for Iron Deck (if required) nil

Table with columns: Length, Length allowed, Height. Forecastle, Bridge House, Raised Qr. Dk., Poop, Total, Length of Ship, Corresponding percentage (Para. 11, 12, 13, or 14)

Table: Additions for non-compliance with provisions of Para. 11 (d) and (e), Other Corrections (if any) 19ft of deck not covered with wood at ends of vessel & trim by the Stern Say, Winter Freeboard 1-2.86, Summer Freeboard 1-1.86, Indian Summer Freeboard, N. A. Winter Freeboard

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood Deck: Fresh Water Line above centre of Disc, Indian Summer Line, Winter Line below, Winter North Atlantic Line

Table: Correction necessary because clearside amidships, measured in accordance with the Statute, is not taken at the intersection of the wood on deck with side, Winter Freeboard from deck line 7.6, Summer 7.5, Indian Summer, N. A. Winter

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.

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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Do all the Frames extend to the top height in the Poop?  Raised Quarter Deck?  Bridge House  Forecastle?

To what height do the Reverse Frames extend? *None*

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

Give particulars of the means for closing the openings in Bulkhead

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?

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 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? *Yes*

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 *3/16 Coaming 4/32 plating Stiffeners 3x2 1/2 x 5/32 spaced 30" apart.*

What is the height of the exposed Casings? *4'-0"* Are suitable means provided for closing all openings in them in bad weather? *Yes*

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: *none*

Position and Size.		Rule.		Rule.		Rule.		Rule.		Rule.	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING	Height above top of DECK										
	Thickness { Sides..... Ends.....										
SHIFTING BEAMS OR WEB PLATES.	Number .....										
	Section and Scantlings.....										
	Material.....										
FORE AND AFTERS.	Number.....										
	Section and Scantlings.....										
	Material.....										
HATCHES	Thickness .....										
Remarks.....											

\* 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.)

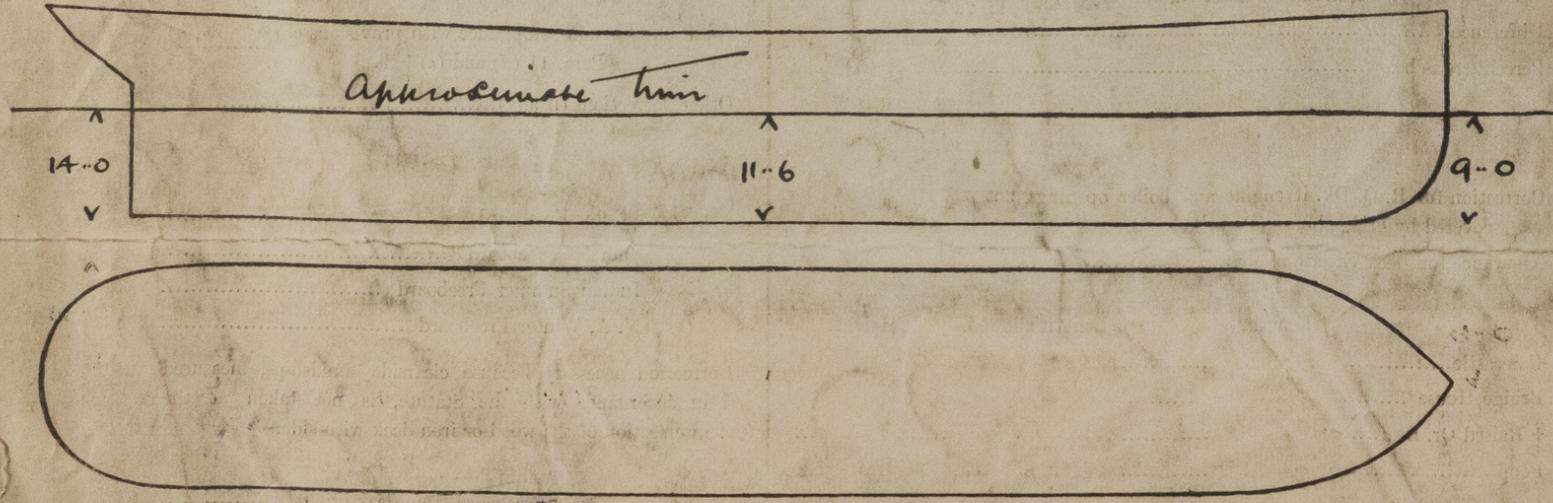
The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? \_\_\_\_\_ Strake between Main and Bridge Sheerstrakes? \_\_\_\_\_

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.	} Freeing Ports (each side of vessel)	=    Sq. ft.
x                    x		
x                    x	Total deficiency or excess	=    Sq. ft.



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

State any special features in the construction of the Vessel *This vessel is a steel screw tug & is constructed in accordance with the enclosed approved plans. The trim is about 5ft of the Stern there are no sidelights. Request form herewith.*

Owners \_\_\_\_\_  
Address \_\_\_\_\_  
Fee £ \_\_\_\_\_

Received by me \_\_\_\_\_

