

32094 Lloyd's Register of Ships

SURVEYS FOR FREEBOARD.—STEAM

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 Registry
Date of Survey
Name of Surveyor

Ship's Name 55 TUG AUTOCRAT	Port of Registry and Nationality. Hull U.K.	Official Number. 139262	Gross Tonnage. 128	Date of Build. 1915 8m	Particulars of Class. 100 A.I. FOR TOWING PURPOSES SS. HULL N° 1-20
Number in Register Book 51853					

Registered dimensions from Ship's Register.	LENGTH. 84.5	BREADTH. 20.6	DEPTH. 9.90	UNDER DECK TONNAGE. 111.00
Length on LOADLINE.	84.5	Frame Depth Rule 4	Ceiling Sheer +1.2	Peak Tanks included above
	84.5	3	+4.8	
	8.4.5	20.69	10.28	111.00

Moulded Depth as measured..... **10'-6"**

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

Addition for Keel below base line for draught record..... **7 1/2** inches. **Bar Keel.**

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	84.5
Length in Table	126.0
Difference	41.5
Correction for 10ft., Table A.9 Table C.
× Difference divided by 10	3.735 (if required.)
If 1/10ths length covered divide by 2	1.8675

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer **Wood deck fitted**

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	20.5
Round of Beam	6 3/4
Normal round.....	6 3/4
Difference	5/8 ÷ 2 =
Proportion of Deck uncovered (Para. 19)	<input checked="" type="checkbox"/>

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

nt of fineness.....
ication necessary }
a. 4 (a) to (e)]* }
ient as corrected

Stem..... } **41.5 ÷ 2 = 69** ... Mean **34.5**
Sternpost } **27.5**

1/2 of the length from } Stem **23.00** } **29.25 ÷ 2 = 14.625**.. Mean
Sternpost **16.25** } **÷ .55 = 35.68**

mean Sheer **35.09** **37.25**
rd mean Sheer [Table, Para. 18] **18.45** **18.45** - Correction
Difference..... **16.64** **20.70** ÷ 4 =
ed as Para. 18 (f) **18.45** ÷ 4 = **4.61** - **2.4**

Sheer } At front of bridge house.....
midships }
3 (e) } At after end of forecastle

in Sheer } ÷ 2 =
8 (d) }
th uncovered Correction

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

	Length.	Length allowed.	Height.
Forecastle.....			
Bridge House			
Raised Qr. Dk.....			
Poop.....			
Total			

Length of Ship

Corresponding percentage }
(Para. 11, 12, 13, or 14) }

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	" " "

Freeboard, Table A	1-5
Correction for Sheer	- 2 1/4
Correction for Length	- 3 3/4
Allowance for Deck Erections	<input checked="" type="checkbox"/>
Correction for Round of Beam.....	<input checked="" type="checkbox"/>
Correction for fall in Sheer (if any).....	none <input checked="" type="checkbox"/>
Correction for Iron Deck (if required)	<input checked="" type="checkbox"/>
Additions for non-compliance with provisions of } Para. 11 (d) and (e) } <input checked="" type="checkbox"/>	
Other Corrections (if any) Trim by stern 4'-0"	+ 0.1

Winter Freeboard	1-0
Summer Freeboard	0-11
Indian Summer Freeboard	<input checked="" type="checkbox"/>
N. A. Winter Freeboard	<input checked="" type="checkbox"/>
Correction necessary because clearside amidships, measured } in accordance with the Statute is not taken at the } + 1" intersection of the wood or iron deck with side.	
Winter Freeboard from deck line	1'-1"
Summer " " " "	1'-0 1/4"
Indian Summer " " " "	<input checked="" type="checkbox"/>
N. A. Winter " " " "	<input checked="" type="checkbox"/>

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Poop? *across floors* Raised Quarter Deck? Bridge House? Forecastle?

Efficient Iron Bulkhead at the fore end?
 Openings in Bulkhead fitted with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?
 Openings in Bulkhead
 Bridge Front plating? and Coaming plate?
 Spacing of the Stiffeners
 Fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?
 Bridge House an efficient Iron Bulkhead at the rear 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? *no*

If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *yes*

Give thickness of plating; scantlings and spacing of Stiffeners. *Plating 30 stiff 3 x 2 1/2 x 30 spaced 27" apart.*

What is the height of the exposed Casings? *E 3'-0" 8 6'-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:— *Steel Casings, no hatchways*

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

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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.)

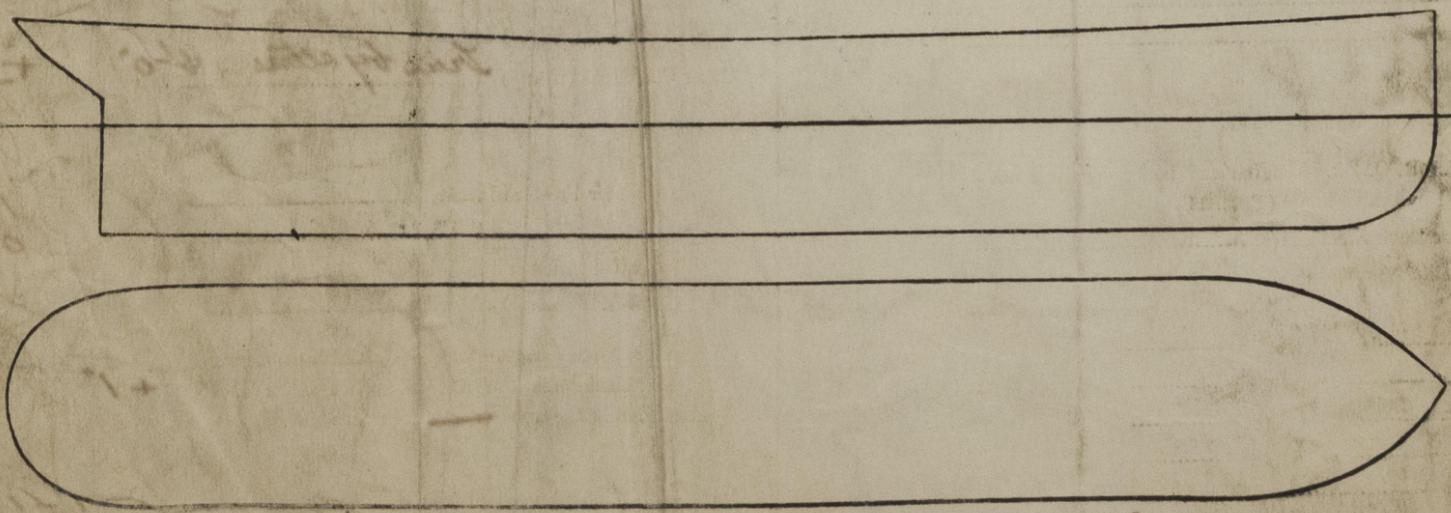
The following information is to be given in all Cases of vessels built with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

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 (b) each side of vessel	=	Sq. ft.
Ft. Tenths. Ft. Tenths. No.		
x x x		
x x x		
Freeing Ports (each side of vessel)	=	Sq. ft.
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 *Request form dated 15/5/16 enclosed*
This Lug has been on Admiralty service since above date and Owner now desires Freeboard assigned.

Owner *J. C. Spink*
 Address *Hull*

Fee £ *1* : *1* 0 applied for *31/8/20* Received by me

