

Forecastle?

EXT Lloyd's Register of British & Foreign Shipping. SURVEYS FOR FREEBOARD.—STEAM SHIPS.

No 3176.

24411

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

Port of Survey *Lidö*
Date of Survey *27th August 1915*
Name of Surveyor *J. J. Jørgensen*

Ship's Name <i>"Sira"</i>	Port of Registry and Nationality <i>Göteborg Swedish</i>	Official Number	Gross Tonnage <i>316.58</i>	Date of Build <i>1915</i>	Particulars of Classification <i>100 A 1</i>
Register Book <input checked="" type="checkbox"/>					<i>Class contemplated</i>

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<i>119.98'</i>	<i>22.37'</i>	<i>9.58'</i>	<i>235.19</i>
<i>121.0'</i>	Frame Depth <i>3</i> Rule <i>3</i>	Ceiling <i>fitted</i> Sheer <input checked="" type="checkbox"/> Depth to floors <i>11.46'</i>	Peak Tanks <i>Midship tank + 8 tons</i>
<i>121</i>	<i>22.37'</i>	<i>11.46'</i>	<i>243.19</i>

Moulded Depth as measured..... *12' 0"*
 $12 - 6 \frac{1}{2}$ floors Rule *2 \frac{3}{4}
 $1 - 8 \frac{1}{2}$ less str *11 - 9 \frac{1}{4}
 $11 - 5 \frac{1}{2}$ = Moulded depth to base**

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.....	<i>121</i>	
Length in Table	<i>141.25</i>	
Difference	<i>20.25</i>	
Correction for 10ft., Table A.	<i>.9</i>	Table C. <i>.5</i>
× Difference divided by 10	<i>1.82</i>	(if required.) <i>1.01</i>
If $\frac{1}{10}$ ths length covered divide by 2	<i>- 1 \frac{3}{4}</i>	<i>- 1</i>

Fineness..... $\frac{48 \times 235.19 \times 100}{119.98 \times 22.37 \times 9.58} = 7.90$
 Correction necessary to (e)* *Old floors*
 Corrected *48*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered	
Thickness of usual wood deck, less stringer	<i>Allowed in reduced moulded depth</i>

Stem length from $\frac{30 \frac{1}{2} + 43}{2} = 21 \frac{1}{2}$ Mean $\frac{21.8 + 22.1}{2} = 21.95$
 Sternpost $\frac{18 + 6}{2} = 12$ Mean

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	
Round of Beam	<i>6"</i>
Normal round.....	<i>5.6"</i>
Difference	$0.4 \div 2 = .2$
Proportion of Deck uncovered (Para. 19)	<i>.64</i>

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

Sheer $\frac{18}{55} = 2.18$
 Sheer [Table, Para. 18] *13.26* Correction
 Difference..... $1.26 \div 4 =$
 Para. 18 (f)..... $+ \frac{1}{4}$

Freeboard, Table A	<i>1 - 9.04</i>	<i>1 - 9</i>
Correction for Sheer	<i>+ 31</i>	<i>+ 1/4</i>
Correction for Length	<i>1 - 9.35</i>	<i>1 - 9 1/2</i>
Allowance for Deck Erections	<i>1.82</i>	<i>- 1 3/4</i>
Correction for Round of Beam.....	<i>1 - 4.53</i>	<i>1 - 7 1/2</i>
Correction for fall in Sheer (if any).....	<i>3.25</i>	<i>3 1/4</i>
Correction for Iron Deck (if required)	<i>1 - 4.28</i>	<i>1 - 4 1/4</i>
Other Corrections (if any)		

ALLOWANCE FOR DECK ERECTIONS:—
 Length, if required (Para. 12, 13, and 14) $0 - 3 \frac{3}{4}$
 Table A, corrected for length, if required (Para. 12, 13, and 14) $2 \frac{3}{4}$
 Allowance $1 - 7 \frac{1}{4}$
 Correction $1 - 4 \frac{1}{2}$
 Total 19.76

Winter Freeboard	<i>1 - 4 1/4</i>
Summer Freeboard	<i>(15) 1 - 3 1/4</i>
Indian Summer Freeboard	
N. A. Winter Freeboard	
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.	<i>+ 1</i>

Q. Dk. if engine and boiler openings not in bridge house (Para. 11) }
 Deck Erections 3.25 }
 Correction $3 \frac{1}{4}$

Length. Length allowed. Height.
 $\frac{16' 0" \times 13 \times 3.5}{6.0} = 7.58$ 13.6
 $\frac{33.25 \times 121}{121} = 2.47$ $7'$
 Correction $37.33 \times 8 = 2.47$

Winter Freeboard from deck line	<i>1 - 5 1/4</i>
Summer " " " "	<i>1 - 4"</i>
Indian Summer " " " "	
N. A. Winter " " " "	
Wood (Iron) Deck :—	
Fresh Water Line above centre of Disc	<i>1 - 4"</i>
Indian Summer Line " " " "	<i>3"</i>
Winter Line below " " " "	<i>1"</i>
Winter North Atlantic Line " " " "	

Percentage (13, or 14) 19.76%
 recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :—

Blanking, or ceiling of unusual thickness the breadth of vessel to inside should be reported if possible.
 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 sternpost and forecastles, it means the sheer measured at points distant $\frac{1}{10}$ ths length from stem and sternpost.

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 structural line of keel or to the water line. If measured relatively to water line the vessel's draft at each end of survey, and also the actual draft forward and aft should be reported.

1 MAY 1930

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

To what height do the Reverse Frames extend? *To upper turn of bilge and to deck alternately*

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 *Hinged iron doors*

Is the Poop or Raised Quarter Deck connected with the Bridge House? *No Bridge House fitted* 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 ^{Poop} Bridge Front plating? *1/4"* and Coaming plate? *7/16"*

Give scantlings and spacing of the Stiffeners *Angle bars 2 1/2" x 2 1/2" x 7/16" with bulk plate 5" x 3/8" spaced 28", also 2 longitudinal bulkheads*

Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting ^{Poop} Bridge Bulk'd. with Bulwarks? *Yes*

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 Bulk'd. at after end? *Yes*

Are the Engine and Boiler openings covered by a ^{Poop} 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

What is the height of the exposed Casings? *16" above poop deck* 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:— *Yes*

Item.	No. 1. - 21'0" x 13'0"		No. 2. - 21'0" x 13'0"		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.						
COAMING. Height above top of DECK	.39		.39							
Thickness	Sides.....	.44	.44							
	Ends.....	.44	.44							
SCANTLING OF WEB PLATES	Number.....	3	3							
	Section and Scantlings.....	Angles top & bottom 3" x 4" x 40"	Angles top & bottom 3" x 4" x 40"							
	Material.....	Steel	Steel							
* FORE AND AFTERS.	Number.....	None	None							
	Section and Scantlings.....									
	Material.....									
HATCHES Thickness.....	2 1/2"		2 1/2"							
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.

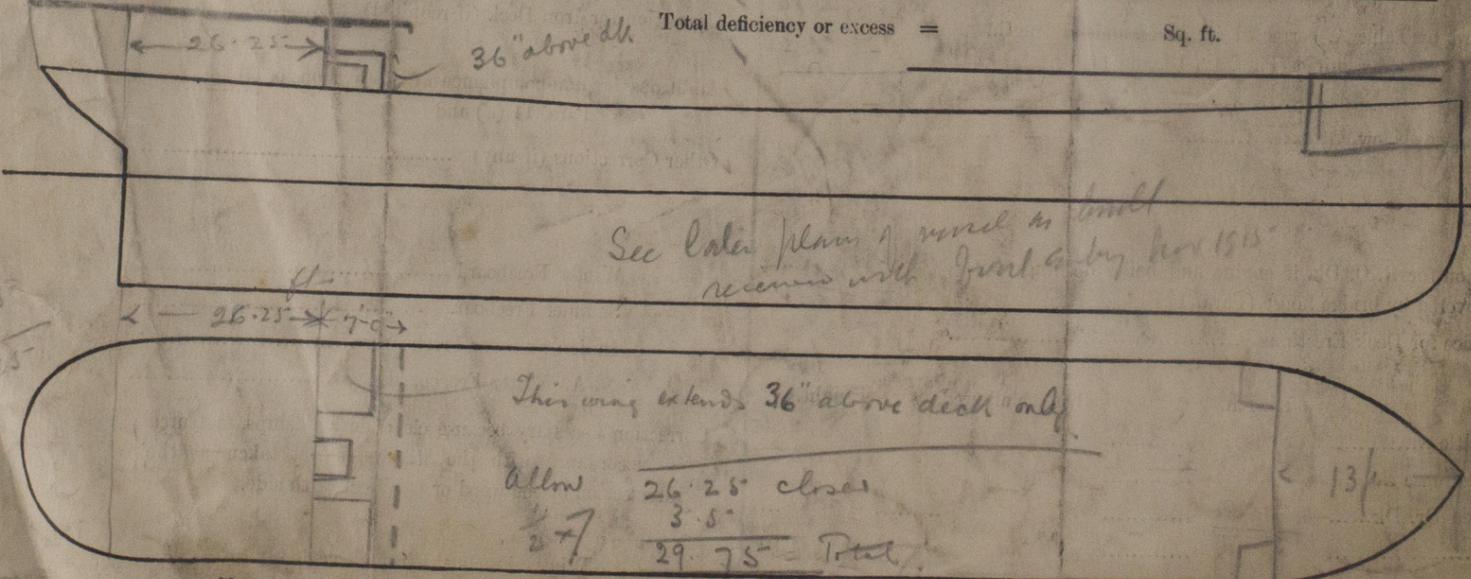
What is the thickness of the ^{Poop} Bridge Sheerstrake? *26"* Strake between Main and ^{Poop} Bridge Sheerstrakes? *26"*

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) = <i>11.65</i> Sq. ft.
<i>2.0</i>	<i>x</i>	<i>1.2</i>	<i>x</i>	<i>5</i>	



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 *The vessel's length has been made 131' please see Secretary's letter initialled M of the 27th February last.*

Thickness of keel strake amidship *.48"* Bay depth of hold measured to bulkhead *13'*

Owners *Abbeholaget Lådösa Varf*

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Fee *£ Kr. 20*

Received by me



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