

# Lloyd's Register of British & Foreign Shipping.

## SURVEYS FOR FREEBOARD. STEAM SHIPS.

Verification

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 Belfast  
Date of Survey while building  
Name of Surveyor ED Kendall

*Complete shelter deck with tonnage opening.*

Ship's Name. STAR OF ENGLAND Port of Registry and Nationality. London Official Number. 136660 Gross Tonnage. 9136 Date of Build. 1914 Particulars of Classification. 100 A1 Contemplated.

Registered Dimensions from Ship's Register. Length. 501.35 Breadth. 63.35 Depth. 33.68 Under Deck Tonnage. 8338

Length on LOADLINE 499.5 Frame Depth 10 Ceiling 182 Peak Tanks included  
Rule 7 Sheer 182  
25" x 2 = .50 1" = .04

CORRECTED DIMENSIONS. Length. 499.5 Breadth. 62.85 Depth. 34.54 Under Deck Tonnage. 8338

Co-efficient of fineness .768  
Any modification necessary [Para. 4 (a) to (e)\*] .02 bell 246 bottom  
Co-efficient as corrected .75748

Sheer { Stem... 108 1/2 } 17 1/2 ÷ 2 = 86.5 Mean  
at { Sternpost... 64 1/2 }  
Sheer at 1/2 of the length from { Stem 61 1/2 } 99.5 ÷ 2 = 49.25 Mean  
{ Sternpost 37 1/2 } ÷ 55 = 89.54

Gradual mean Sheer 88.02 89.5  
Standard mean Sheer (Table, Para. 18) 59.95 Correction  
Difference 28.07 29.6 ÷ 4 = -7 1/2  
§ If limited as Para. 18 (f) 1.02

Rise in Sheer { At front of bridge house...  
from amidships { At after end of forecastle ...

¶ Fall in sheer { 1/2 ÷ 2 = 1/4  
Para. 18 (d) }  
Length uncovered Shelter Deck Correction

ALLOWANCE FOR DECK ERECTIONS:—  
Freeboard, Table C. 6-11.10  
Correction for Length, if required (Para. 12, 13, and 14) 9-6.08  
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) 9-52.6  
Difference 2-6.98  
Percentage as below 94.5%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) 2-5 1/4  
Allowance for Deck Erections 29.27 29.3

	Length.	Length allowed.	Height.
Forecastle.....	<u>332.80</u>	<u>332.80</u>	<u>8'-8"</u>
Bridge House .....	<u>4.66</u>	<u>2.33</u>	<u>8'-8"</u>
Poop.....	<u>162.04</u>	<u>162.04</u>	<u>8'-8"</u>
Total .....	<u>499.50</u>	<u>497.17</u>	<u>99.5%</u>
Length of Ship .....	<u>499.5</u>		
Corresponding percentage { (Para. 11, 12, 13, or 14) } = <u>94.5%</u>			

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Placement 20630 tons Fresh Water Line above centre of Disc ...  
Indian Summer Line ...  
Winter Line ...  
Winter North Atlantic ...

Moulded Depth as measured 26'-6"  
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 499.5  
Length in Table 438.0  
Difference 61.5  
Correction for 10ft., Table A. 1.7 Table C.  
× Difference divided by 10 10.44 (if required.)  
If 1/10ths length covered divide by 2 5.22

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

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships 62'-6"  
Round of Beam 15 1/2"  
Normal round 15 1/2"  
Difference ✓ ÷ 2 = ✓  
Proportion of Deck uncovered (Para. 19) ✓

Freeboard, Table A 10-1.10  
Correction for Sheer 4.02  
9-6.08  
Correction for Length +5.22  
9-11.30  
Allowance for Deck Erections 2-5.24  
7-6.03  
Correction for Round of Beam 7-6 1/2  
Correction for fall in Sheer (if any) ...  
Correction for Iron Deck (if required) -3 1/2  
Additions for non-compliance with provisions of {  
Para. 11 (d) and (e) ‡ }  
Other Corrections (if any) ...

Winter Freeboard 7-2 1/2  
Summer Freeboard 6-7 1/2  
Indian Summer Freeboard 6-0 1/2  
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. -1 1/4

Winter Freeboard from deck line 7-4 1/2  
Summer " " " 6-9 1/2  
Indian Summer " " " 6-2  
N.A. Winter, " " " ✓

6-9 6-9 1/2  
8 1/2 8 1/2  
4 4  
4 4

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Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*  
 To what height do the Reverse Frames extend? *Deep channel frames to gunwale with reverse bars to 2nd deck*  
 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 *Will be closed as per sketch forwarded with Report 7315*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *Yes* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *Will be closed as per sketch forwarded with Report 7315*  
 What is the thickness of the Bridge Front plating? *Yes* and Coaming plate? *Yes*  
 Give scantlings and spacing of the Stiffeners *Yes*  
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hog brackets fitted connecting Bridge Bulkheads with bulwarks? *Yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *Will be closed as per sketch forwarded with Report 7315*  
 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 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? *Yes*  
 Give thickness of plating; scantlings and spacing of Stiffeners *Yes*  
 What is the height of the exposed Casings? *Yes* 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*

Position and Size		19'-6" x 18'-6" (N21 1/2°)		25'-9" x 18'-6" (N22°)		16'-4" x 18'-6" (N23°)		23'-4" x 18'-6" (N24°)		18'-3" x 18'-6" (N25°)	
Item		Ship	Rule	Ship	Rule	Ship	Rule	Ship	Rule	Ship	Rule
COAMING	Height above top of DECK	30"	18"	30"	18"	30"	18"	30"	18"	30"	18"
	Sides	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"
	Ends	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"
SHIFTING BEAMS OR WEB PLATES	Number	4		5		3		5		5	
	Section and Scantlings	One web 24" x 40"		Two webs 24" x 40"		One web 24" x 40"		Two webs 24" x 40"		Two webs 24" x 40"	
	Material	Steel		Steel		Steel		Steel		Steel	
FORE AND AFTERS	Number										
	Section and Scantlings	none		none		none		none		none	
	Material										
HATCHES Thickness		3"		3"		3"		3"		3"	
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.

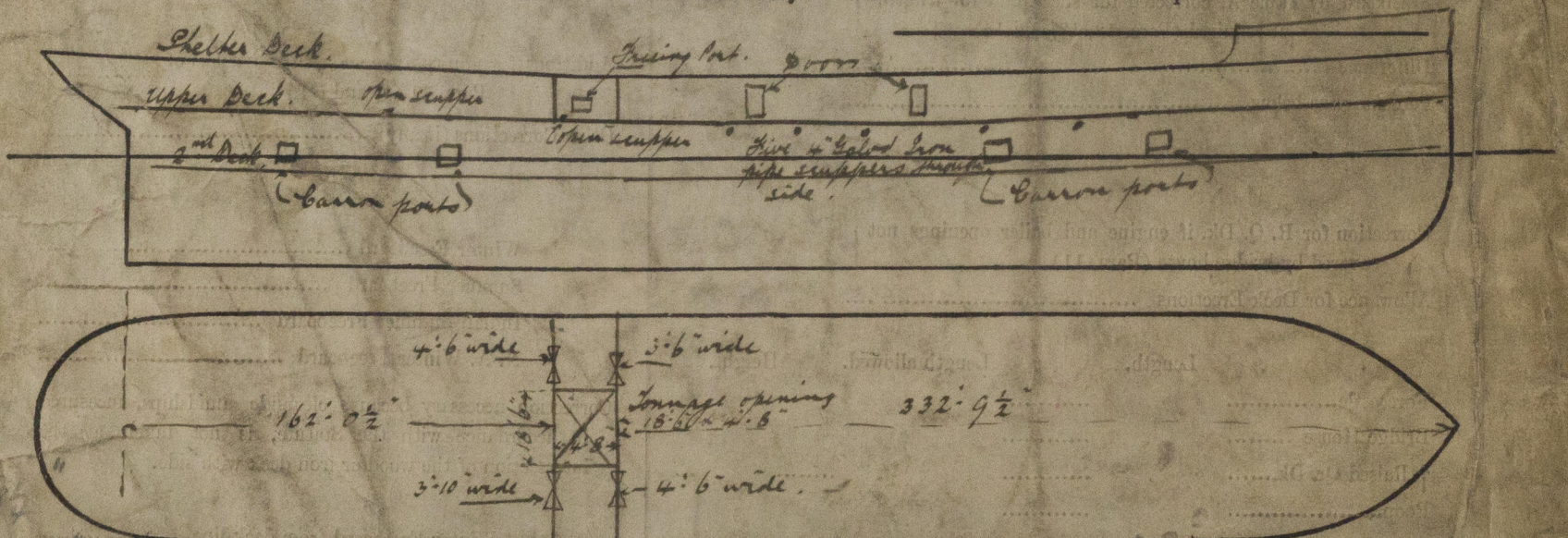
What is the thickness of the Bridge Sheerstrake? *97* Strake between Main and Bridge Sheerstrakes? *85*  
 Delete the words { The Crew are, are not, berthed in the bridge house.  
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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.		
	x		x		Freeing Ports (each side of vessel)	= Sq. ft.
	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 sister vessel in all respects of the same Builders No 328 "Star of Victoria" Freeboard Rpt No 7315 Builders letter certifying displacement dated 5th January last applies to both*

Owner  
 Address  
 £