

Lloyd's Register of Shipping.

SUREYS FOR FREEBOARD. STEAM SHIPS.

SUNDERLAND No. 27561

Particulars Relating to ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTS, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTS HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Sunderland.Date of Survey 8th July 1919.Name of Surveyor C. H. Kitchin

Ship's Name. SHAHRISTAR	Port of Registry and Nationality. <u>Swansea</u> <u>British</u>	Official Number. <u>136153</u>	Gross Tonnage. <u>3076</u> <u>3051</u>	Date of Build. <u>1919</u>	Particulars of Classification. <u>+100A.1. (Contemplated.)</u>
Number in Register Book.					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Length on LOADLINE.	<u>331' 3"</u>	<u>46' 8"</u>	<u>23' 2"</u>	<u>2850' 33"</u>
Corrected Dimensions.	<u>330' 62"</u>	<u>46' 22"</u>	<u>24' 33"</u>	<u>2850' 33"</u>

Moulded Depth as measured.....	<u>25' 6"</u>
Addition for Keel below base line for draught record.....	<u>2</u> inches.

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>330' 62"</u>
Length in Table	<u>306' 00"</u>
Difference	<u>24' 62"</u>
Correction for 10ft., Table A.	<u>1' 3"</u> Table C. <u>4</u>
× Difference divided by 10	<u>3' 2"</u> (if required.) <u>1' 42"</u>
If $\frac{1}{10}$ ths length covered divide by 2 +	<u>Say 3 1/2</u> <u>+13 1/4</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered.....	<u>485</u>
Thickness of usual wood deck, less stringer	<u>3 1/2</u>
	<u>Say 1 1/2</u>

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>46' 5"</u>
Round of Beam	<u>12"</u>
Normal round.....	<u>11 1/2"</u>
Difference	<u>1/2"</u> ÷ 2 =
Proportion of Deck uncovered (Para. 19)	

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

Co-efficient of fineness..... 766
Any modification necessary [Para. 4 (a) to (e)]* 02 C.O.
Co-efficient as corrected 746

Sheer { Stem..... 102 } 53 ÷ 2 = 46 1/2 Mean 42 1/2 = 47 1/2
at { Sternpost ... 51 }
Sheer at $\frac{1}{2}$ of the length from { Stem 56' 5" } 850 ÷ 2 = 42' 5" Mean
{ Sternpost 28' 5" }
Gradual mean Sheer 44' 2" + 46' 5" 46' 88"
Standard mean Sheer [Table, Para. 18] 43' 06" correction
Difference..... 33' 82" ÷ = 8' 45"
§ If limited as Para. 18 (f) Say 8 1/2
3/33' 82" = 93 ft.
11' 1/2"

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

Fall in Sheer { Para. 18 (d) } ÷ 2 = None.
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	<u>2-8 1/2</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>+ 1 1/2</u>
	<u>2-10 1/2</u>
Freeboard by Table C corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>5-2 1/2</u>
Difference	<u>2-44</u>
Percentage as above.....	<u>30' 95"</u>
	<u>- 8' 44"</u>

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) - 8 1/4
Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	<u>28' 2"</u>	<u>28' 2"</u>	<u>4' 5"</u>
Bridge House	<u>98' 0"</u> (<u>2' 04' 1/2</u>)	<u>99' 53"</u>	<u>4' 5"</u>
† Raised Qr. Dk.....			
Poop.....	<u>32' 91"</u>	<u>32' 91"</u>	<u>4' 5"</u>
Total		<u>160' 64"</u>	
Length of Ship		<u>330' 62"</u>	<u>= 785'</u>

Corresponding percentage { Para. 11, 12, 13, and 14 } 30' 95'

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	" " "

calling are of annual thickness the line is to be inside the line of the top of the amidships beam amidships. The line is to be at the top of the beam and not at the top of the keel. The line is to be at the top of the keel and not at the top of the beam.

Freeboard, Table A	<u>5' 1/2</u>
Correction for Sheer	<u>- 8 1/2</u>
	<u>4-11 1/2</u>
Correction for Length	<u>+ 3 1/2</u>
	<u>5-2 1/2</u>
Allowance for Deck Erections	<u>- 8 1/2</u>
	<u>4-5 1/2</u>
Correction for Round of Beam.....	
Correction for fall in Sheer (if any).....	
Correction for Iron Deck (if required)	<u>13</u>
	<u>4-4</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	
Other Corrections (if any)	

Winter Freeboard	<u>4-4</u>
Summer Freeboard	<u>3-11 1/2</u>
Indian Summer Freeboard	<u>3-7 1/2</u>
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 1/2

Winter Freeboard from deck line	<u>4-5 1/2</u>
Summer " " " "	<u>4-13 1/2</u>
Indian Summer " " " "	<u>3-9 1/4</u>
N. A. Winter " " " "	
STEEL	<u>4-13 1/2</u>

† State dimensions of freeing port areas back of this form.

† The Surveyor should state whether the fall in sheer as reported is measured line of keel or to the water line. If measured relatively to water line, survey, and also the usual load line.

Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *yes* Bridge House? *attain* Forecastle? *all 6 ft. high*

To what height do the Reverse Frames extend? *Ball angle frames in line.*

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 *Steel doors with hinges and fastenings*

Is the Poop or Raised Quarter Deck connected with the Bridge House? *no* Has the Bridge House an efficient Bulkhead at the fore end? *yes*

Give particulars of the means for closing the openings in Bulkhead *Steel doors with hinges and fastenings*

What is the thickness of the Bridge Front plating? *1/2* and Coaming plate? *no coaming, vertical plating*

Are scantlings and spacing of the Stiffeners *8 x 3 x 5 ball angles @ 30' apart.*

Are bracket plates fitted at each end of the Stiffeners? *yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with works? *yes*

Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*

How are the openings closed? *with doors fitted in riveted channels full height.*

Is the Forecastle at least as high as the main or top-gallant rail? *yes* Has the Forecastle an efficient Iron or Wood Bulkhead at the 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

What is the height of the exposed Casings? *40 ft. 4 in. 4 in.* 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.		No. 1. 26-6 1/2 x 18-0.		No. 2. 26-6 1/2 x 18-0.		No. 3. 26-6 1/2 x 18-0.		No. 4. 26-6 1/2 x 18-0.	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30	24						
	Sides	44	44						
	Ends	44	44						
SHIPPING PLATES OR WEB PLATES	Number	5	5						
	Section and Scantlings	7 1/2 x 4 x 3 x 44							
	Material	11 L Steel.							
FORE AND AFTERS.	Number								
	Section and Scantlings	none		none		none		none	
	Material								
HATCHES	Thickness	2 1/2	2 1/2						
	Remarks	Satisfactory							

* 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 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 not satisfactory.*

Length of Bulwarks in well

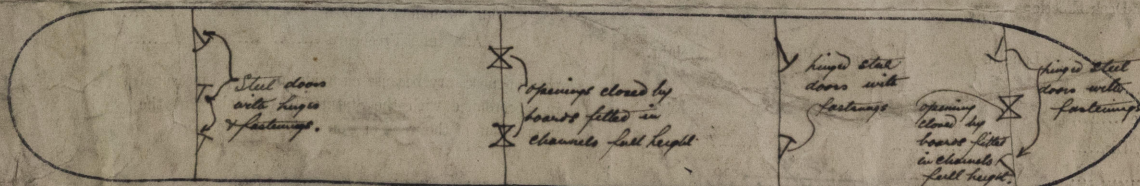
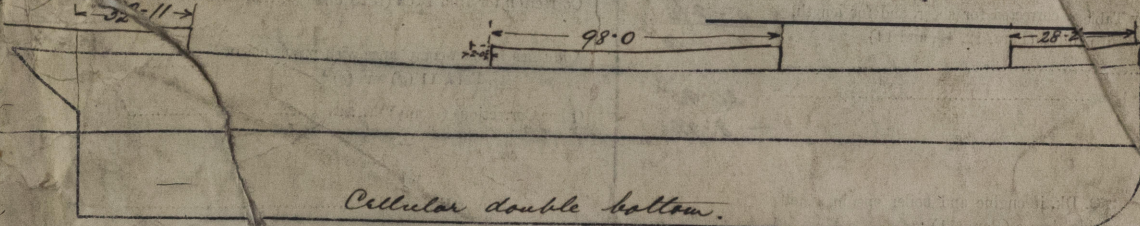
Area of Freeing Ports required by Para. 11 (e) each side of vessel =

Ft. Tenths. Ft. Tenths. No.

x x
x x

Freeing Ports
(each side of vessel) =

Total deficiency or excess =



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 has been built to the approved rules and to the requirements of the Clyde. She is a sister ship to Admiral Hamilton (ex War Globe.) S. Ltd Report No 244/09.*

Displacement and tons per inch scale also Freeboard Rules

Form are forward

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