

52, No. 946

7077.
25949.

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS. WED. JUL 3—1918

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 29th June 1918.
Name of Surveyor R. Seaton.

Ship's Name. C.S. WAR MANSION
Port of Registry and Nationality. London. British
Official Number. 142587
Gross Tonnage. 2866.46
Date of Build. 1918.
Particulars of Classification. + 100 A.1. (Contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	331.0	46.80	23.15	2866.16.
Frame Depth	9	Peak		
Rule	5 1/2	Sheer	+20	Peak
	331.0	-58	3 1/2	Tanks
	331.0	46.55	24.27	2866.16.

Moulded Depth as measured..... 25'6"
Addition for Keel below base line for draught record... 2 1/2 inches.

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.....	331.0
Length in Table	306.0
Difference	25.0
Correction for 10ft., Table A.	1.3
× Difference divided by 10	3.25 (if required.)
If 1/10ths length covered divide by 2	+ 3/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	482
Thickness of usual wood deck, less stringer	3 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	46'6"
Round of Beam	11 3/4
Normal round.....	11 3/4
Difference	÷ 2 =
Proportion of Deck uncovered (Para. 19)	✓

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

Efficient of fineness..... 766
Modification necessary (Para. 4 (a) to (e)) * Cell. dalea bottom
Efficient as corrected

Mean Sheer at 1/4 of the length from Stem 56" Sternpost 28"
 $84 \div 2 = 42$ Mean
Standard mean Sheer [Table, Para. 18] 76.36
Difference..... 33.26
Correction - 8 1/4

Fall in Sheer at front of bridge house..... ✓
At after end of forecastle ✓
Fall in Sheer at Para. 18 (d) } $\div 2 =$ ✓
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	2-8 1/2
Correction for Length, if required (Para. 12, 13, and 14)	+ 1 3/4
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	2-10 1/4
Difference	5-2 1/2
Percentage as below.....	2-4 1/4
Final Freeboard	30.74%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ✓
Allowance for Deck Erections 8 3/4

	Length.	Length allowed.	Height.
Forecastle.....	28.75	28.75	7'6"
Bridge House	98.0	98.0	7'6"
Raised Qr. Dk.....			
Poop.....	32.92	32.92	7'6"
Total		159.67	
Length of Ship		331.0	

Corresponding percentage (Para. 11, 12, 13, or 14) } 30.74%

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, (Iron) Deck: 4' 1 1/2"
Fresh Water Line above centre of Disc 6
Indian Summer Line " " " 4 1/2
Winter Line below " " 4
Winter North Atlantic Line " " "

Freeboard, Table A	5-7 1/2
Correction for Sheer	- 8 1/4
Correction for Length	4-11 1/4
Allowance for Deck Erections	+ 3 1/4
Correction for Round of Beam.....	5-2 1/2
Correction for fall in Sheer (if any).....	- 8 3/4
Correction for Iron Deck (if required)	4-5 3/4
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	✓
Other Corrections (if any)	✓
Winter Freeboard	4-4
Summer Freeboard	3-11 3/4
Indian Summer Freeboard	3-7 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.	13/4
Winter Freeboard from deck line	4-5 3/4
Summer " " " "	4-1 1/2
Indian Summer " " " "	3-9 1/4
N. A. Winter " " " "	✓

5. 7. 18.

Frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.
When 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.
In vessels having poops and forecastles, it means the sheer measured at points distant from the length of the vessel's length from stem and stern-post.

† 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.

Do all the Frames extend to the top height in the Poop? *Yes*
 To what height do the Reverse Frames extend? *Yes*
 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 hinged doors.*
 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 *Two steel watertight doors.*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *vertical plating.*
 Give scantlings and spacing of the Stiffeners *8.3.50 B.A. spaced 30" apart.*
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*
 How are the openings closed? *Two openings closed with shifting boards full height in riveted channels.*
 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? *Openings closed by the Bridge*
 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? *Yes* Are suitable means provided for closing all openings in them in bad weather?
 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*

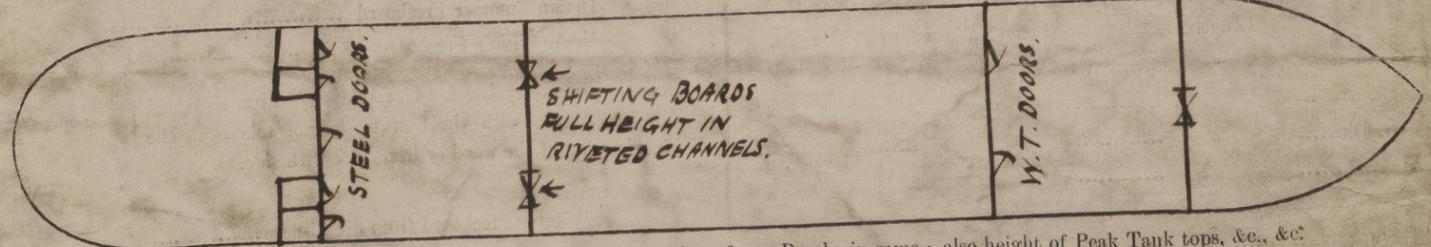
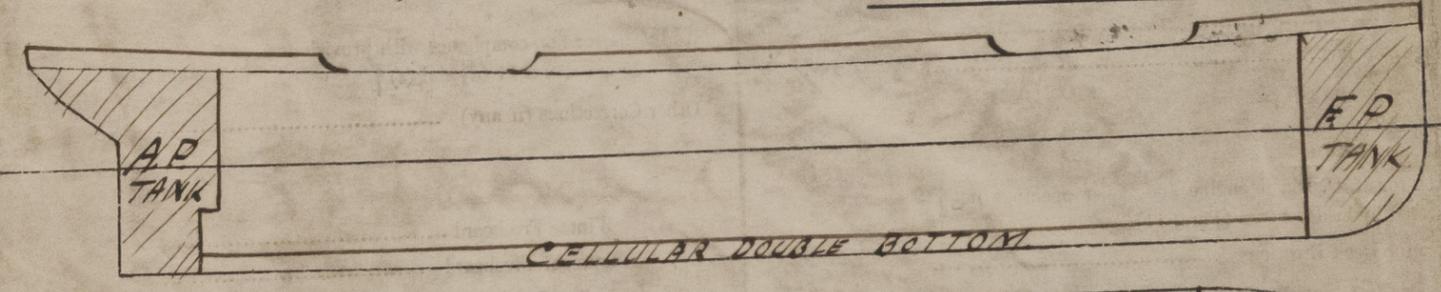
Position and Size.	26'6" x 23'0"		26'6" x 23'0"		10'3" x 18'0"		26'6" x 23'0"		26'6" x 23'0"	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.										
COAMING.	Height above top of DECK	30"	30"	30"	30"	30"	30"	30"	30"	30"
	Thickness	Sides	.44	.44	.44	.44	.44	.44	.44	.44
		Ends	.44	.44	.44	.44	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES.	Number	Three	Three	Three	Three	Three	Three	Three	Three	
	Section and Scantlings	1" Plate 21 x 38 1/2" Angles 3 1/2 x 3 1/2 x 4 1/2	Same as No. 1	Same as No. 1	1 1/2" x 3/2" plate angles 3 1/2 x 3 1/2 x 4 1/2	Same as No. 1	Same as No. 1	Same as No. 1		
	Material									
* FORE AND AFTERS.	Number	None.	None.	None.	None.	None.	None.	None.		
	Section and Scantlings									
	Material									
HATCHES Thickness	3"	3"	3"	3"	3"	3"	3"	3"		
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 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	=	Sq. ft.
Area of Freeing Ports required by Para. 11 (e) each side of vessel	=	Sq. ft.
Ft. Tenth. Ft. Tenth. 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 has been built in accordance with the Plans approved for the Standard C Life vessels & is a water tight ship to the same Builder No 925 WAR GRANGE Ltd Apt No. 70574.*

Owners
 Address

Fee £ 5 : 5 :
 Received by me 24/7/15

A. J. Leonard Request Form is attached hereto.