

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

TUE. DEC. 47 1920

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 Bournemouth  
Date of Survey while Building  
Name of Surveyor John A. Lawson

Ship's Name <b>"ALLANWATER"</b>	Port of Registry and Nationality. <u>British</u> <u>Liverpool.</u>	Official Number. <u>143702</u>	Gross Tonnage. <u>1496</u>	Date of Build. <u>1920</u>	Particulars of Classification. <u>+100 A.1 contemplated.</u>
Number in Register Book <u>Not Listed</u>					

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>165.5</u>	<u>25.7</u>	<u>9.65</u> <u>9.96 to Tank</u>	<u>333.35</u>
	<u>162.25</u>	Frame Depth <u>5</u> Rule <u>3/2</u> <u>2x2</u> <u>= - .33</u>	Ceiling <u>Fitted</u> Sheer <u>+ .03</u>	Peak <u>Included</u> Tanks <u>in Tonnage</u> <u>ES. + 2.5</u> <u>BS. - 6.4</u> <u>= - 3.9</u>
	<u>162.25</u>	<u>25.37</u>	<u>9.99</u>	<u>329.45</u>

Moulded Depth as measured..... 12'-0"  
Addition for Keel below base line for draught record..... 1 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..... 165.25  
Length in Table ..... 144  
Difference ..... 21.25  
Correction for 10ft., Table A. .... .9 Table C. ☒  
× Difference divided by 10 ..... 1.91 (if required.)  
If 1/10 this length covered divide by 2 .95 + 1'

### CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10 this length covered ..... .696  
Thickness of usual wood deck, less stringer ..... 3

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 25.5  
Round of Beam ..... 6  
Normal round..... 6.25  
Difference ..... .25 ÷ 2 = ..... .125  
Proportion of Deck uncovered (Para. 19) ..... ☒

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

Stem..... 57  
Sternpost ... 27 } 84 ÷ 2 = 42 ... Mean  
at 1/2 of the length from { Stem 21  
Sternpost 10 } 31 ÷ 2 = 15.5 ... Mean  
Normal mean Sheer ..... 27.57  
Standard mean Sheer [Table, Para. 18] ..... 26.52  
Difference..... 1.02 ÷ 4 = - 1/4  
Limited as Para. 18 (f) .....  
Sheer for 37.75 amidships.

At front of bridge house..... 1/8  
At after end of forecastle ..... 19 1/2  
÷ 2 =  
Correction

### ALLOWANCE FOR DECK ERECTIONS:—

Board, Table C..... 4"  
Correction for Length, if required (Para. 12, 13, and 14) .....  
Board by Table A. corrected for sheer; and for length, if required (Para. 12, 13, and 14) } 1'-9 1/2  
Difference ..... 1.54  
Percentage as below ..... 54.4%  
9.38  
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) 1.20  
Allowance for Deck Erections ..... 9.18  
- 9 1/2

	Length.	Length allowed.	Height.
Forecastle.....	<u>23'-0"</u>	<u>21.12</u>	<u>7'-0"</u>
Bridge House.....	<u>10'-10"</u>	<u>10.83</u>	<u>7'-0"</u>
Raised Qr. Dk.....	<u>95'-0"</u>	<u>83.09</u>	<u>3'-0"</u>
Total.....		<u>115.04</u>	<u>= 696</u>
Length of Ship.....		<u>162.25</u>	
Corresponding percentage { Para. 11, 12, 13, or 14 }.....		<u>54.4%</u>	

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	" "	...

\* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
† In vessels obtaining an allowance for deck erections under Para. 11 when 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 bridge houses, it means the sheer measured at the stem and sternpost. In vessels having poops and bridge houses, it means the sheer measured at points distant one-eighth of the vessel's length from the 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 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 for forward and aft, should be reported.

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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? ☒ 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 ☒ no openings

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 ☒ no openings

What is the thickness of the Bridge Front plating? ☒ 24 and Coaming plate? ☒ 28

Give scantlings and spacing of the Stiffeners ☒ 4 x 3 x 34 angle with 3 x 3 x 36 ribs bars on every stiffener spaces 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? ☒ no openings

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 ☒ 30 x 26 stiffeners 3 x 3 x 38 spaces 30 apart

What is the height of the exposed Casings? ☒ 6-6

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.		25-1' x 16-1'		25-0' x 16-0'					
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of DECK	36	36	36	36				
	Sides	44	44	44	44				
	Ends	44	44	44	44				
SHIFTING BEAMS OR WEB PLATES.	Number	5	5						
	Section and Scantlings	7 1/2 x 4 1/2 x 3 x 40							
	Material	alternating with top of deck							
* FORE AND AFTERS.	Number								
	Section and Scantlings								
	Material								
HATCHES Thickness		2 1/2	2 1/2	2 1/2	2 1/2				
Remarks		W.Pine	W.Pine	W.Pine	W.Pine				

\* 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? ☒ 24

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

36-0"

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

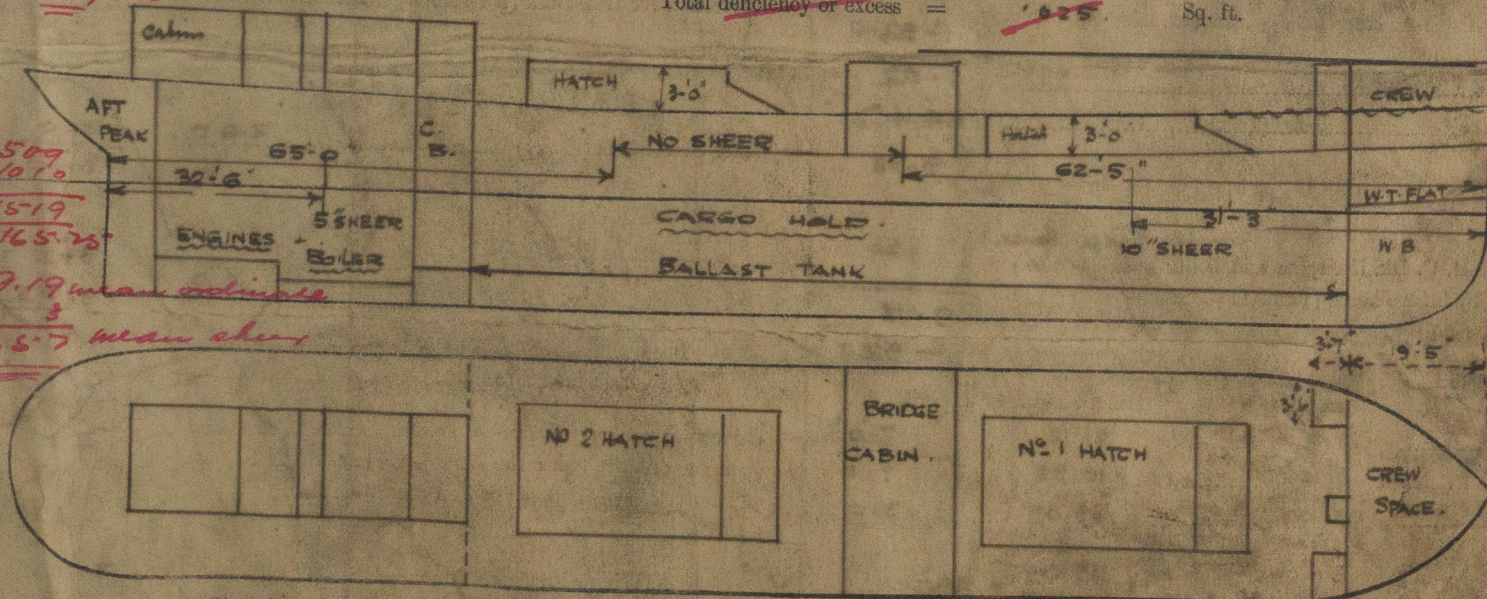
= 10.1 Sq. ft.

Ft. Tenths. Ft. Tenths. No.

2.25 x 1.5 x 3

Freeing Ports (each side of vessel) = 10.125 Sq. ft.

Total deficiency or excess = .025 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.

Displacement and Tons per inch scale hereon, with "Cambalu".

State any special features in the construction of the Vessel The above vessel has been built in accordance with the approved plans hereon (2) Sister vessel to S.S. CAMBALU Messrs. Day, Summers & Co. Ltd. No. 184.

Owners J. W. Summers & Co.

Address Liverpool

Fee £ 2 : 2 : 0

Received by me



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