

EXT Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. **28049**
(For London Office only.)

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 Burkehead
Date of Survey 19.8.19
Name of Surveyor J. Hedham

Impressio Malhatos

Ship's Name. <u>War Cadet</u>	Port of Registry and Nationality. <u>London</u> <u>British</u>	Official Number. <u>143411</u>	Gross Tonnage.	Date of Build. <u>1919</u>	Particulars of Classification. <u>+100H.T.</u> <u>London</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH. <u>400.0</u>	BREADTH. <u>52.4</u>	DEPTH. <u>28.4</u>	UNDER DECK TONNAGE. <u>4719.89</u>
Length on LOADLINE.	<u>399.4</u>	Frame Depth Rule $\frac{6}{5\frac{1}{2}}$	Ceiling <u>+20</u> Sheer <u>+1.11</u>	Peak Tanks
CORRECTED DIMENSIONS.	<u>399.4</u>	<u>51.48</u>	<u>29.71</u>	<u>4719.89</u>

RETAIN

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

Co-efficient of fineness..... .77
Any modification necessary [Para. 4 (a) to (e)]* } C.D.B.
Co-efficient as corrected75

Moulded Depth as measured..... 31'-0"
Addition for Keel below base line for draught record..... inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 399.4
Length in Table 372.0
Difference 27.4
Correction for 10ft., Table A. 1.6 Table C. .8
× Difference divided by 10 +4.12 (if required.) +2.14
If $\frac{6}{10}$ ths length covered divide by 2

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered5
Thickness of usual wood deck, less stringer 3\frac{1}{2} -1\frac{3}{4}

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 52'-3"
Round of Beam 13
Normal round..... 13
Difference $\checkmark \div 2 =$
Proportion of Deck uncovered (Para. 19) \checkmark

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

Sheer { Stem..... 120 } 180 $\div 2 =$ 90 ... Mean
at { Sternpost ... 60 }
Sheer at $\frac{1}{3}$ of the length from { Stem 66 } 99 $\div 2 =$ 49.5 ... Mean
{ Sternpost 33 }
Gradual mean Sheer 90 =90
Standard mean Sheer [Table, Para. 18] 49.94 Correction
Difference..... 40.03 $\div 4 =$ -10
§ If limited as Para. 18 (f)

Rise in Sheer { At front of bridge house.....
from amidships [Para. 18 (e)] { At after end of forecastle \checkmark
Fall in Sheer } $\div 2 =$
Para. 18 (d) }
Length uncovered \checkmark Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 4-9'
Correction for Length, if required (Para. 12, 13, and 14) +2\frac{1}{4}'
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 4-11\frac{1}{4}'
Difference 4-5'
Percentage as below..... 32.3%

Freeboard, Table A 7-10\frac{1}{2}
Correction for Sheer -10
7-0\frac{1}{2}
Correction for Length +4\frac{1}{2}
7-5'
Allowance for Deck Erections -9\frac{1}{2}
6-7\frac{1}{2}
Correction for Round of Beam..... \checkmark
Correction for fall in Sheer (if any)..... \checkmark
Correction for Steel Deck (if required) -1\frac{3}{4}
6-5\frac{3}{4}
Additions for non-compliance with provisions of }
Para. 11 (d) and (e) † } \checkmark
Other Corrections (if any) \checkmark

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } 9\frac{1}{2}
Allowance for Deck Erections 9\frac{1}{2}

Winter Freeboard 6-5\frac{3}{4}'
Summer Freeboard 6-0\frac{1}{4}'
Indian Summer Freeboard 5-6\frac{1}{4}'
N. A. Winter Freeboard \checkmark

	Length.	Length allowed.	Height.
Forecastle.....	<u>38.7+1.0</u>	<u>39.4</u>	<u>8'-0"</u>
Bridge House.....	<u>112.66</u>	<u>112.66</u>	<u>8'-0"</u>
† Raised Qr. Dk.....			
Poop.....	<u>49.25</u>	<u>49.25</u>	<u>8'-0"</u>
Total		<u>201.61</u>	
Length of Ship	<u>399.4</u>		
Corresponding percentage (Para. 11, 12, 13, or 14) }	<u>32.30%</u>		

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood~~ steel deck with side. } 1\frac{1}{2}

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

Fresh Water Line	above centre of Disc
Indian Summer Line	" " "
Winter Line	below " "
Winter North Atlantic Line	" " "

Winter Freeboard from deck line 6-4\frac{1}{4}'
Summer " " " 6-1\frac{3}{4}'
Indian Summer " " " 5-8\frac{1}{4}'
N. A. Winter " " " \checkmark

† 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 where the sheer drops abaft amidships the height of the E.Q.D. is to be taken from the level of the top of the amidship beam.
† In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth 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.

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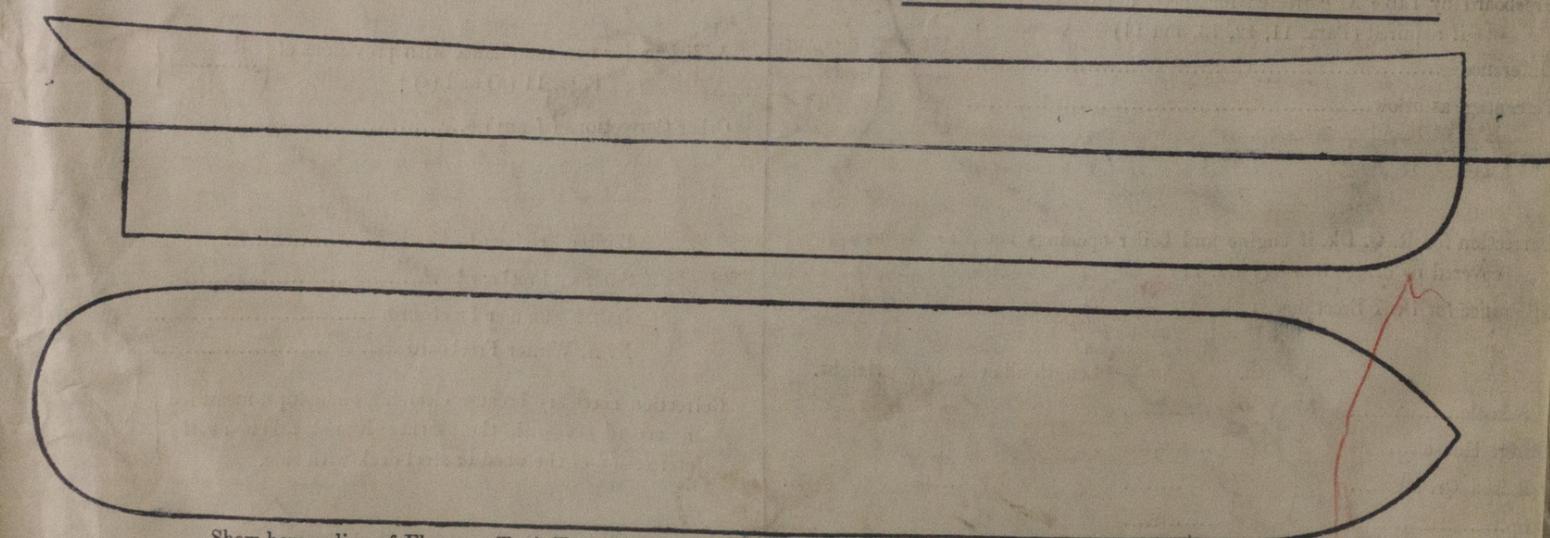


Do all the Frames extend to the top height in the Poop? *frames after*
 To what height do the Reverse Frames extend? *To Mp. dk except in way of S. B. parapet*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Yes Iron 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 *None*
 What is the thickness of the Bridge Front plating? *40* and Coaming plate? *44*
 Give scantlings and spacing of the Stiffeners *9 x 3 1/2 x 56 B.A. 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 with 2 openings*
 How are the openings closed? *Efficient starn boards*
 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 with 2 openings by means of starn*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by 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? *✓* 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*

Item.	No. 1 32' 6" x 26' 0"		No. 2 54' 8" x 26' 0"		Rkw 10' 11" x 18' 1 1/2"		No. 3 19' 5" x 26' 0"		No. 4 30' 3" x 26' 0"	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING. Height above top of DECK	30"				18"					
Thickness	Sides.....	44	as no. 1		above Rwdk		- as no. 1			
	Ends.....	44			44					
SHIFTING BEAMS OR WEB PLATES.	Number.....	3 off (a)			3 x 40		2 off (a)		3 off (a)	
	Section and Scantlings.....	3" (b)	as no. 1		7" 20 off.		1 off (b)		2" (b)	
	Material.....	Steel			12 3/8 10" x 30					
* FORE AND AFTERS.	Number.....				3 F.A.					
	Section and Scantlings.....									
	Material.....	None								
HATCHES Thickness.....	all 3"									
Remarks.....	Solid									

* 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 _____
 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) = _____ Sq. ft.
 fard well 4. 66 x 1. 5 x 3 each
 after " 4. 66 x 1. 5 x 3
 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 *Sister to War Myrtle*
 Builder's name and yard number _____
 Names of sister vessels _____
 Owners _____
 " Address _____
 Fee £ _____

Received by me _____