

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH PLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR OF GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Palmer's Shipbuilding and Iron Company Ltd 884 (B. type)

Index NWED, 1 JAN. 1919
(For London Office only.)

Port of Survey NEWCASTLE-ON-TYNE

Date of Survey 31st December 1908

Name of Surveyor J. R. Palmer.

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>S/S. "WAR CAMEL"</u>	<u>British</u>	<u>142828</u>	<u>✓</u>	<u>1908</u>	<u>100 A.1 (Class Contemplated)</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>399.30</u>	<u>52.20</u>	<u>28.50</u>	<u>4788.76</u>
Length on LOADLINE.	<u>398.80</u>	Frame Depth 10' 6" Rule " 6' 6" <i>14' lead timber 14' Ceiling only Spring 25-1/2 + 128' timber only.</i>	Ceiling + 20' Sheer + 11' 11"	Peak Tanks } <i>bulk.</i>
CORRECTED DIMENSIONS.	<u>398.80</u>	<u>51.79</u>	<u>29.81</u>	<u>4788.76</u>

Moulded Depth as measured..... 31'-0"

Addition for Keel below base line for draught record..... 2 1/2 inches.

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>398.80</u>	
Length in Table	<u>372.00</u>	
Difference	<u>26.80</u>	
Correction for 10ft., Table A.	<u>1.6</u>	Table C. <u>.8</u>
× Difference divided by 10	<u>42.88</u>	(if required.) <u>2.14</u>
If 1/10ths length covered divide by 2	<u>+4.4</u>	<u>+2.4</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	<u>.583</u>
Thickness of usual wood deck, less stringer	<u>3 1/2"</u>
	<u>-1 3/4"</u>

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>52.0</u>	
Round of Beam	<u>13"</u>	
Normal round.....	<u>13"</u>	
Difference	<u>÷ 2 =</u>	<u>✓</u>
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..... .777
by modification necessary } -.02 *Cell D.B.*
[Para. 4 (a) to (e)]*
efficient as corrected75

Stem..... 10'-0" } 180' ÷ 2 = 90' Mean
Sternpost... 5'-0"
Sheer at 1/2 of the length from { Stem 5'-6" } 99' ÷ 2 = 49.50 Mean
Sternpost 2'-9" } ÷ .55 = 90
radial mean Sheer 90.00
Standard mean Sheer [Table, Para. 18] 49.80 Correction
Difference..... 40.20 ÷ 4 = -10' ✓
limited as Para. 18 (f)

Use in Sheer { At front of bridge house..... ✓
amidships {
Para. 18 (e) } At after end of forecastle ✓

Fall in Sheer {
Para. 18 (d) } ÷ 2 = ✓
length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<u>4'-9"</u>
Correction for Length, if required (Para. 12, N , and 14)	<u>+ 2 1/2"</u>
	<u>4'-11 1/2"</u>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, N , and 14)	<u>7'-4 1/2"</u>
Difference	<u>2'-5 1/2"</u>
Percentage as below.....	<u>32.24%</u>
	<u>32.3</u>

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)

Allowance for Deck Erections -9 1/2"

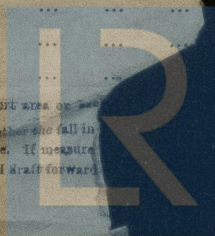
Length.	Length allowed.	Height.
Forecastle... <u>38'-0" + 12' overhang at after end</u>	<u>39.0</u>	<u>7'-11 1/2"</u>
Bridge House... <u>112.66</u>	<u>112.66</u>	<u>7'-11 1/2"</u>
Qr. Dk. ✓	✓	
<u>49.25</u>	<u>49.25</u>	<u>7'-11 1/2"</u>
	<u>200.91</u>	<u>= 50.38</u>
Ship	<u>399.3</u>	
percentage { <u>32.3</u>	<u>398.8</u>	
(2. N , and 14)		

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	" "	

are of unusual thickness the breadth of vessel to inside
under Para. 17 where the sheer drops abaft amidships the top of the amidship beam.
near measured at the stem and clear of the sheer measured at points distant

+ State dimensions of freeing port area on
The Surveyor should state whether the fall in line of keel or to the water line. If measure survey, and give the usual load draft forward



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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? *Bulk Angle frames*
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. Strong steel doors to be used*
Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the after end? *yes*
Give particulars of the means for closing the openings in Bulkhead *No openings*
What is the thickness of the Bridge Front plating? *1/40* and Coaming plate? *1/44*
Give scantlings and spacing of the Stiffeners *9-3 1/2 x .56 B.A. spaced 2' 6" and 2' 7" apart*
Are bracket plates fitted at each end of the Stiffeners? *yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with main bulk'd. *yes*
Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*
How are the openings closed? *Storm boards fitted 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 Bulkhead 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? *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 *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 25 of the Rules for 1904-5? (Give particulars below:—) *yes. Bridge Deck.*

Position and Size.		No. 1. - 32'-6" x 26'-0"		No. 2. - 24'-8" x 26'-0"		No. 3. - 10'-10" x 18'-0"		No. 5. - 30'-4" x 26'-0"		
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
COAMING	Height above top of DECK	30"	as approved	30"	as approved	30"	18"	30"	30"	
	Thickness { Sides.....	1/44	1/44	1/44	1/44	1/44	1/44	1/44	1/44	
	Ends.....	1/44	1/44	1/44	1/44	1/44	1/44	1/44	1/44	
SHIFTING BEAMS OR WEB PLATES.	Number	6	6	6	6	1	1	5	5	
	Section and Scantlings	6 x 3 1/2 x 1/4 double 24 x 6 1/8 x 3/8		Same as No. 1		14 x 3 x 1/4 double 18 x 12 x 3/8		Same as No. 1		
	Material	Steel				Steel				
FORE AND AFTERS.	Number	No. 2	No. 2	No. 2	No. 2	No. 2	No. 2	No. 2	No. 2	
	Section and Scantlings									
	Material									
HATCHES Thickness		2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	
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.)

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.
thickness of the Bridge Sheerstrake? Strake between Main and Bridge Sheerstrakes?

delete the words { The Crew are, are not, berthed in the bridge house.
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		
	x		x		
				Freeing Ports (each side of vessel)	= Sq. ft.
				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.

es in the construction of the Vessel *This vessel has been constructed*
approved plans for the Standard 'B' Type vessels.

Received by me *1/18-4-19*