

DI. 14. MAR. 1949

Port of Survey Lake  
Date of Survey 13<sup>th</sup> April 1919.  
Name of Surveyor J. Henderson

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<i>Ship's Name. <sup>4</sup> 177 Cuthbert C. L. Luth</i>	<i>British</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>+100 A1 Contemplated</i>
in Register Book <i>✓</i>					

Moulded Depth ~~as measured~~.....18.6

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

ent of fineness..... *72 657 P*  
 dification necessary }  
 a. 4 (a) to (e)]\* }  
 ent as corrected ..... *72 given by Builders*

CORRECTION FOR LENGTH.		
Length of Ship on Loadline.....	258	
Length in Table .....	222	
Difference .....	36	
Correction for 10ft., Table A. ....	1.1	Table C.
× Difference divided by 10 .....	3.96	(if required.)
If $\frac{6}{10}$ ths length covered divide by 2	+ 4 ✓	<div style="text-align: right;">             6              2.16              + 2<math>\frac{1}{4}</math> </div>

Stem.....6.0 } 10.0 ÷ 2 = 5.0 ... Mean  
 Sternpost 4.0 }  
 t  $\frac{1}{2}$  of the length from { Stem 3.5 } 5.8 ÷ 2 = 2.9 ... Mean  
 { Sternpost 2.9 }  
 l mean Sheer *allowed* ..... 60.9 ✓  
 = 61.8 ✓  
 rd mean Sheer [Table, Para. 18] ..... 35.8 ✓  
 Correction  
 Difference..... 25.1 ✓ 4 =  
 nited as Para. 18 (f).....  
 - 62.1

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered .....	.53
Thickness of usual wood deck, less stringer .....	$3\frac{1}{2}$ $-1\frac{3}{4}$ ✓

in Sheer	{	At front of bridge house.....	4-2
midships			
18 (e)]	{	At after end of forecastle .....	3-2
in Sheer	{		
18 (d)]			
uncovered		$\div 2 =$	
			Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	$\frac{17}{8}$	
Round of Beam .....	$\frac{17}{8}$	
Normal round.....	$\frac{8\frac{3}{4}}{4}$	
Difference .....		$\div 2 =$ .....
Proportion of Deck uncovered (Para. 19) .....		

NOTE. —  
round of beam  
should be rep  
ed on the  
breadth of ve  
at the gunwale

ALLOWANCE FOR DECK ERECTIONS :—	
and, Table C.....	1 .. 0 ✓
on for Length, if required (Para. 12, 13, and 14) .....	+ 2 $\frac{1}{4}$ ✓
	<hr/> 1 .. 2 $\frac{1}{4}$ ✓
d by Table A. corrected for sheer, and for length, }	3 .. 1 $\frac{1}{4}$ ✓
if required (Para. 12, 13, and 14) }	1 .. 11 ✓
.....	✓
ge as below.....	34.49 ✓
	7.9 ✓
n for R. Q. Dk. if engine and boiler openings not }	✓
ered by bridge house (Para. 11) }	
e for Deck Erections .....	8 ✓

Freeboard, Table A .....	3 - 3½ ✓
Correction for Sheer .....	- 6¼ ✓
Correction for Length .....	2 " 9¼ ✓
	+ 4
Allowance for Deck Erections .....	3 " 1¼ ✓
	- 8
Correction for Round of Beam..... ✓	2 " 5¼ ✓
Correction for fall in Sheer (if any)..... ✓	
Correction for Iron Deck (if required) .....	- 1¼
	2 " 3½
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡	{ ..... }
Other Corrections (if any) .....	
Winter Freeboard .....	2 " 3½ ✓
Summer Freeboard .....	2 " 1 ✓
Indian Summer Freeboard .....	✓
N. A. Winter Freeboard .....	✓

	Length.	Length allowed.	Height.
Stile.....	<i>Open 34.0</i>	33.125	<i>7.0</i>
House.....	<i>76.66</i>	75.22	<i>7.0</i>
ad-Qr. Dk.....	<i>incl. 5.75 overhang</i>		
	<i>29.50</i>	<i>29.5</i>	<i>4.0</i>
Total.....	<i>140.16</i>	<i>137.84</i>	<i>= .53</i>
of Ship.....		<i>25.8</i>	
onding percentage {	<i>34.4%</i>		

Correction necessary because clearside amidships, measured  
in accordance with the Statute is not taken at the  
intersection of the wood & iron deck with side. } 1/2

8. 3. 19.

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

Winter Freeboard from deck line .....	2 .. 5-
Summer " " " " .....	2 " 2½
Indian Summer " " " " .....	-
N. A. Winter " " " " .....	-

the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

Vessels 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.

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.

Deck Line, <del>Wood</del> (Iron) Deck :—	...	...	2	...	2½
...	...	...	...	...	4
...	...	...	...	...	✓
...	...	...	...	...	2½
...	...	...	...	...	✓
...	...	...	...	...	✓

† 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? *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? *none*  
 Give particulars of the means for closing the openings in Bulkhead *no*  
 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 *waterlight doors to be fitted*  
 What is the thickness of the Bridge Front plating? *32* and Coaming plate? *36*  
 Give scantlings and spacing of the Stiffeners *4x3x.50 Bulk Angles 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? *Channel bars + wood battens*  
 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? *open*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Bridge & E. & B. casing*  
 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 28 of the Rules for 1904-5? Give particulars below:— *yes*

Position and Size.	No. 1 Hatch 21'1" x 14'0"		No. 2 Hatch 26'10" x 16'0"		No. 3 Hatch 28'9" x 16'0"		No. 4 Hatch 19'2" x 12'0"		Ship.	Rule.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING. Thickness {	Height above top of DECK	<i>36</i>	<i>do</i>	<i>5'6" - 10" 5-4 5</i>	<i>do</i>	<i>5'6" - 9" 4-9 4</i>	<i>do</i>	<i>4'19" - 4" 4-9 4</i>		
	Sides.....	<i>44</i>	<i>4'21" - 5-3 4</i>							
	Ends.....	<i>44</i>								
SHIFTING BEAMS OR WEB PLATES. {	Number .....	<i>11 3</i>	<i>13 3</i>	<i>11 4</i>	<i>15 3 5</i>	<i>11 5</i>	<i>14 3</i>	<i>10 3</i>	<i>11 3</i>	
	Section and Scantlings	<i>4 1/2 x 3 x 42</i>	<i>4 1/2 x 3 x 42</i>	<i>4 1/2 x 3 x 42</i>	<i>5 1/2 x 3 x 42</i>	<i>4 1/2 x 3 x 42</i>	<i>5 1/2 x 3 x 42</i>	<i>4 1/2 x 3 x 42</i>	<i>3 x 3 x 40</i>	
	Material .....	<i>Plat</i>	<i>Plat</i>	<i>Plat</i>	<i>Plat</i>	<i>Plat</i>	<i>Plat</i>	<i>Plat</i>		
* FORE AND AFTERS. {	Number .....	<i>none</i>	<i>none</i>	<i>none</i>	<i>none</i>	<i>none</i>	<i>none</i>	<i>none</i>		
	Section and Scantlings									
	Material .....									
HATCHES Thickness .....	<i>2 1/2 H.P.</i>		<i>2 1/2</i>		<i>2 1/2</i>		<i>2 1/2</i>			
Remarks.....										

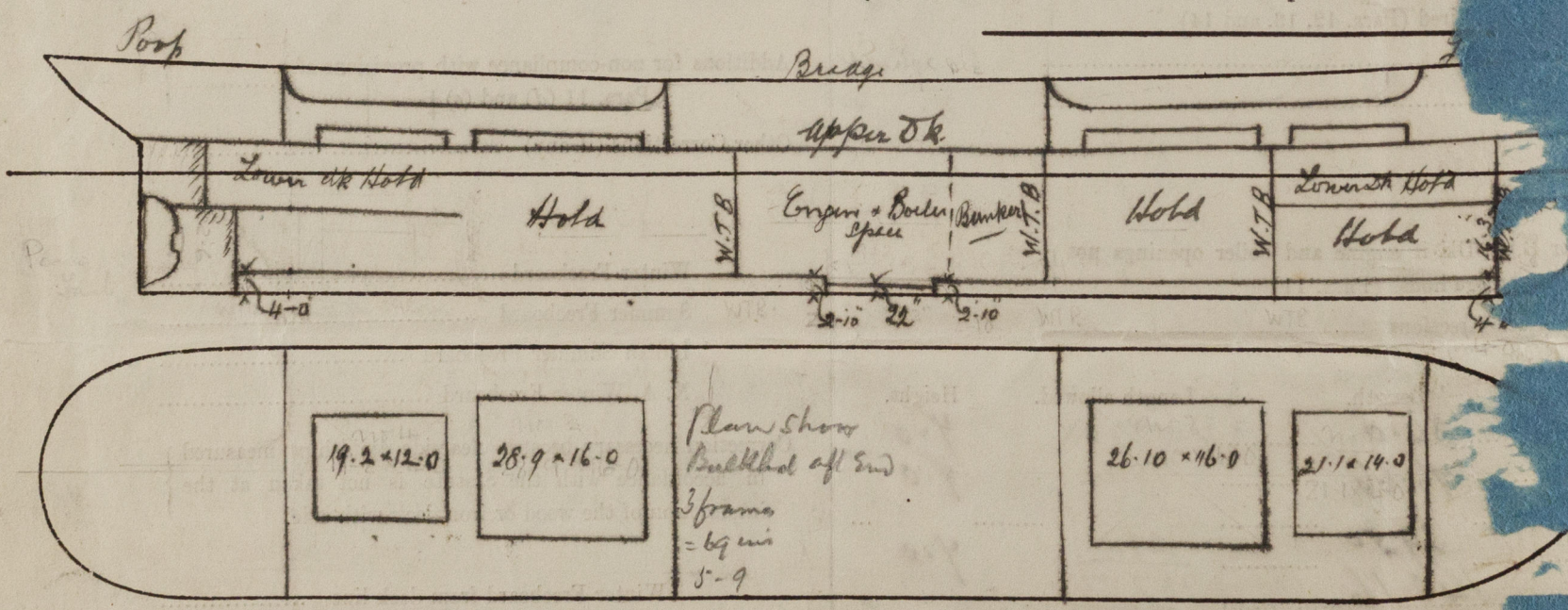
\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.  
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower 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 ...  
 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. Tenth. Ft. Tenth. No.			
<i>2.50</i> x <i>1.45</i> x <i>3</i>			
<i>2.58</i> x <i>1.45</i> x <i>3</i>			
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.

State any special features in the construction of the Vessel *Plan of Midship Section + Profile forward*  
*London on the 10th inst. Freeboard request from on the 11th*

Owners \_\_\_\_\_  
 „ Address \_\_\_\_\_

Fee £ \_\_\_\_\_ : \_\_\_\_\_ : \_\_\_\_\_ Received by me \_\_\_\_\_