

Verification Report

~~Index No. 11007~~

Index No. **29906**
(For London Office only.)

Lloyd's Register of Shipping.

THU 21 APR. 1921

SURVEYS FOR FREEBOARD. STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH 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 Middleborough
Date of Survey April 20th 1921
Name of Surveyor W. A. Brydon

Ship's Name <u>Levensau</u>	Port of Registry and Nationality	Official Number <u>136749</u>	Gross Tonnage <u>2155</u>	Date of Build <u>1907/3</u>	Particulars of Classification <u>100 A.1.</u>
Number in Register Book <u>64261</u>					

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>289.6</u>	<u>42.6</u>	<u>17.53</u>	<u>1832</u>
<u>288.87</u>	Frame Depth <u>9</u> Rule <u>.5</u> <u>2x4 = -66</u>	Ceiling <u>.20</u> Sheer <u>1.06</u>	Peak } Tanks } <u>Incl.</u>
<u>288.87</u>	<u>41.94</u>	<u>18.56</u> <u>18.76</u>	<u>1832</u>

Moulded Depth as measured..... 19.7
Addition for Keel below base line for draught record..... 1.2 inches.

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

19.7
10.2
30.5
3.2
17.3

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>288.87</u>	✓
Length in Table	<u>235.00</u>	✓
Difference	<u>53.87</u>	✓
Correction for 10ft., Table A.....	<u>1.12</u>	Table C. ✓
× Difference divided by 10.....	<u>6.93592</u>	(if required.) ✓
If $\frac{1}{10}$ ths length covered divide by 2.....	<u>3.01</u>	<u>+3</u> ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered	<u>3/2</u>	✓
Thickness of usual wood deck, less stringer	<u>-3/2</u>	✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>41.10</u>	✓
Round of Beam	<u>10/2</u>	✓
Normal round.....	<u>10/2</u>	✓
Difference	<u>÷ 2 =</u>	✓
Proportion of Deck uncovered (Para. 19)	✓	✓

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

Freeboard, Table A	<u>3-9 3/4 10</u>	✓
Correction for Sheer	<u>9 1/2</u>	✓
Correction for Length	<u>3</u>	✓
Allowance for Deck Erections	<u>1-6 7/12</u>	✓
Correction for Round of Beam.....	<u>2 1/2</u>	✓

Correction for fall in Sheer (if any).....	✓	
Correction for Iron Deck (if required)	<u>3/2</u>	✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>1-7 1/2</u>	✓
Other Corrections (if any)	<u>16.09</u>	✓

Winter Freeboard	<u>1-9 1/2</u>	✓
Summer Freeboard	<u>1-8 7/2</u>	✓
Indian Summer Freeboard	<u>1-8 1/2 4 1/2</u>	✓
N. A. Winter Freeboard	<u>2 " 0 1/2</u>	✓

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood and iron deck with side. 1 3/4

Winter Freeboard from deck line	<u>2 " 0 1/4</u>	✓
Summer " " " "	<u>1-7 1/2 1/4</u>	✓
Indian Summer " " " "	<u>1-2 6 1/4</u>	✓
N. A. Winter " " " "	<u>2 " 2 1/4</u>	✓

Recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :-

Fresh Water Line above centre of Disc	<u>4 1/2</u>	✓
Indian Summer Line " " " "	<u>3</u>	✓
Winter Line below " " " "	<u>3</u>	✓
Winter North Atlantic Line " " " "	<u>5</u>	✓

† 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.

Percentage of fineness..... .801
Correction necessary } .02 b.D.B.
4 (a) to (e) * }
Percentage as corrected78.79 ✓

Mean Sheer..... 77.207
Mean Sheer [Table, Para. 18]..... 38.9689 Correction
Difference..... 38.2488 ÷ 4 = 9.569
Correction as Para. 18 (f)..... -9 1/2 ✓

At front of bridge house..... ✓
At after end of forecastle..... ✓
Lowest point of sheer amidships.
Correction ✓

ALLOWANCE FOR DECK ERECTIONS :-
Table C..... 1-3 1/2 3/4
Length, if required (Para. 12, 13, and 14)..... ✓
Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)..... 3-0 1/4 1/2
Correction..... 1-8 3/4 ✓
Below..... .88
65.4
13.57
class A appliances
bridge front. Par 12 Scale

R. Q. Dk. if engine and boiler openings not by bridge house (Para. 11)..... ✓
Deck Erections..... 1-6 1/4

Length.	Length allowed.	Height.
<u>32.83</u>	<u>29.83</u> ³⁴	<u>7.42</u>
<u>116.00</u>	<u>116.00</u>	<u>6.92</u>
<u>100x3.92</u>	<u>86.70</u>	<u>3.92</u>
<u>4.52</u>	<u>14.83</u>	<u>6.92</u>
<u>2.63.66</u> = <u>.91</u>	<u>246.89</u>	<u>.93</u>
<u>288.87</u>	<u>268.87</u>	<u>.854</u>

Percentage of fineness..... .88
Percentage as corrected..... 65.4%

Recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :-
Fresh Water Line above centre of Disc

making, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.
† An allowance for deck erections under Para. 11 where the sheer drops abaft amidships of the R. Q. D. is to be taken from the level of the top of the amidship beam.
‡ The total standard mean sheer means the sheer measured at the stem and stern, having poops and forecastles, it means the sheer measured at points distant from the vessel's length from stem and stern-post.

Surveyor 27.4.21

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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? *to Poop + Forecastle 2 1/2 alternately Main frames Bulk Angles*
 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 *2 Bolted doors with butterfly nuts 55 1/2 x 36 1/2*
 What is the thickness of the Bridge Front plating? *7/20* and Coaming plate? *8/20*
 Give scantlings and spacing of the Stiffeners *7' x 3 1/2 x 1/20 B' Angs - 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? *2 Bolted plates 24" square above Quarter Deck for cargo purposes*
 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 *6/20 plating and 3 1/2 x 3 1/2 x 8/20 stiffeners about 24" apart*
 What is the height of the exposed Casings? *7' 0"* 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 - 26' 0" x 14' 0"		No 2 - 26' 0" x 14' 0"		No 3 - 26' 0" x 14' 0"		No 4 - 26' 0" x 14' 0"		Ship.
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING	Height above top of DECK	36'	36'	36'	36'	36'	36'	36'	
	Thickness	Sides	.50	.50	.50	.50	.50	.50	
		Ends	.45	.45	.45	.45	.45	.45	
SUPPORTING DECKS OR WEB PLATES	Number	2 to each hatchway		33 1/2 x 40 parallel		33 1/2 x 40 parallel			
	Section and Scantlings	plate and angles		3 x 3 x 36		3 x 3 x 36			
	Material								
* FORE AND AFTERS	Number	3	3	3	3	3	3		
	Section and Scantlings	7 x 3 x 36 H girder		8 x 6 1/2 (Wood)		7 x 3 x 36 H girder		8 x 6 1/2 (wood)	
	Material								
HATCHES Thickness	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2		
Remarks	N.P.		N.P.		N.P.		N.P.		

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

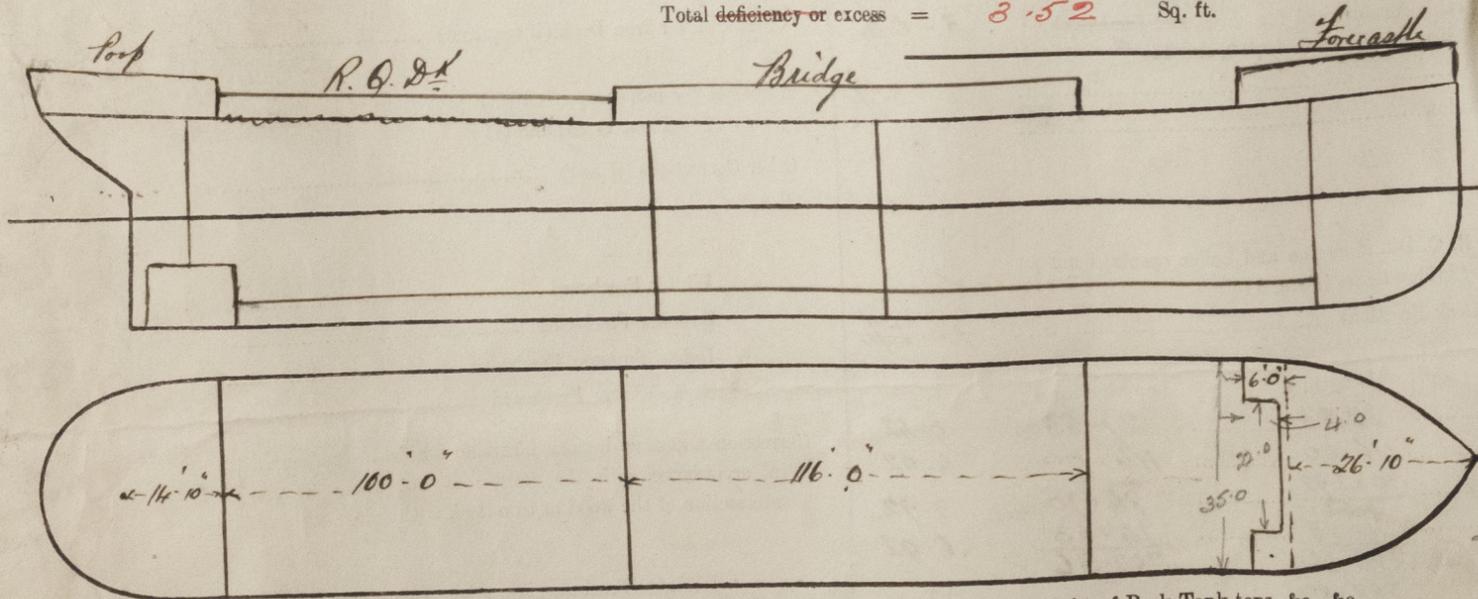
(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

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? *1/20* Strake between Main and Bridge Sheerstrakes? *10/20 + 20/20 at the*

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. *(no gangway)*

Length of Bulwarks in well *26' 0" 25.2*
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *9.02* Sq. ft.
 Ft. Tenths. Ft. Tenths. No. }
31 x 19.5 x 6 = 12.54
2.58 x 1.62 x 3 = 6.45
 Freeing Ports (each side of vessel) = *6.45* Sq. ft.
 Total deficiency or excess = *3.52* 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 *See Secretary's letter M. 16. 4. 21 with enclosure Request form No 9 attached also approved Midship Section + Profile and First Entry reports returned herewith.*

Owners

Address

Fee £ *7 : 0 : 0*

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