

SAT JUL 24 1920

Index No. 29167
(For London Office only.)

Register of Shipping.

FORMS FOR FREEBOARD.—STEAM SHIPS.

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

Port of Survey Liverpool
Date of Survey 22nd July 1920
Name of Surveyor W.W. Cole

Ship's Name **"LOSSIE"**
Port of Registry and Nationality Liverpool British
Official Number 147211
Gross Tonnage 274 (approx)
Date of Build 1919
Particulars of Classification 100 A.I. Contemplated.

Length on Register	120.0	Breadth	22.1	Depth	9.1 9.3 ft	Under Deck Tonnage	188.61
Length on Loadline	120	Frame Depth Rule	5	Ceiling Sheer	2" fitted 4.76 Tanks		
Corrected Dimensions	120		21.77		9.56		188.61

Moulded Depth as measured..... 10.0
Addition for Keel below base line for draught record..... 7/2 inches.

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

Co-efficient of fineness..... .75
Modification necessary [Para. 4 (a) to (e)]*
Co-efficient as corrected..... .75

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 120
Length in Table 120
Difference
Correction for 10ft., Table A.
× Difference divided by 10
If 1/10ths length covered divide by 2

Mean Sheer (Stem..... 42 } 63 ÷ 2 = 31.5 Mean 31.36
Sternpost ... 21 } 22
34.9.36

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered 5-8
Thickness of usual wood deck, less stringer 3 - .4 = 2.6
1.5 — 1/2

Mean Sheer of the length from { Stem 23 } 34.5 ÷ 2 = 17.25 Mean 17.25
Sternpost 11.5 } 11.5
Difference..... 4.05 ÷ 4 = 1

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 22.6
Round of Beam 5 1/2
Normal round..... 5 1/2
Difference ÷ 2 =
Proportion of Deck uncovered (Para. 19)

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

At front of bridge house
At after end of forecastle
Fall in Sheer nil ÷ 2 =
Correction

Freeboard, Table A 1-4 3/4
Correction for Sheer 1
1-3 3/4
Correction for Length
Allowance for Deck Erections 5
0-10 3/4
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) 1/2
0-9 1/4
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C..... 2 1/2
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 1-4 3/4
Difference 1-2 1/4
Percentage as below..... 35.12 %
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } 5
Allowance for Deck Erections

Structure	Length.	Height.	Length allowed.
Forecastle.....	<u>20.0</u>	<u>6.25</u>	<u>18.04</u>
Bridge House.....	<u>8.75</u>	<u>7.00</u>	<u>8.75</u>
Raised Qr. Dk.....	<u>40.75</u> × <u>3.13</u>	<u>3.00</u>	<u>39.05</u>
Total.....	<u>69.50</u>		<u>65.84</u> × 8 = <u>4.39</u>
Length of Ship.....	<u>120.0</u>		<u>120</u> eighths

Winter Freeboard 0-9 1/4
Summer Freeboard 0-7 3/4
Indian Summer Freeboard
N. A. Winter Freeboard
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. 1
Winter Freeboard from deck line 0-10 1/4
Summer " " " " 0-8 3/4
Indian Summer " " " "
N. A. Winter " " " "
Deck Line, Wood (Iron) Deck :— 0-8 1/2
2 1/2

FREEBOARD recommended amidships from centre of Disc to top of Statutory
Fresh Water Line above centre of Disc
Indian Summer Line " " "
Winter Line below " "
Winter North Atlantic Line " " "

† If the names, akin, 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 R. 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 sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from 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 forward and aft should be reported.

Register of Shipping
MARKING FORM
10 MAY 1923
FOUNDED

0500-275700-4954500

Do all the Frames extend to the top height in the Poop? Raised Quarter Deck? *yes* Bridge *yes*
 T/ what height do the Reverse Frames extend? *Top of floors.*
 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 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 30" spaced 27"*
 Are bracket plates fitted at each end of the Stiffeners? *Bottoms only* 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?
 Give thickness of plating; scantlings and spacing of Stiffeners *.24. Coaming .30. Stiffers. 2 1/2" x 2 1/2" x 25" spaced 30"*
 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.		38'-6" x 12'-6"									
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMINGS	Height above top of DECK	2'-6"	2'-0"								
	Thickness	Sides.....	.44	.44							
		Ends.....	.44	.44							
SHIFTING BEAMS OR WEB PLATES.	Number.....	7									
	Section and Scantlings.....	Peak .32 angles 3" x 3" x 42"			20" at centre 11" at side						
	Material.....	Steel									
* FORE AND AFTERS.	Number.....										
	Section and Scantlings.....										
	Material.....										
HATCHES Thickness.....	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.)

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? _____

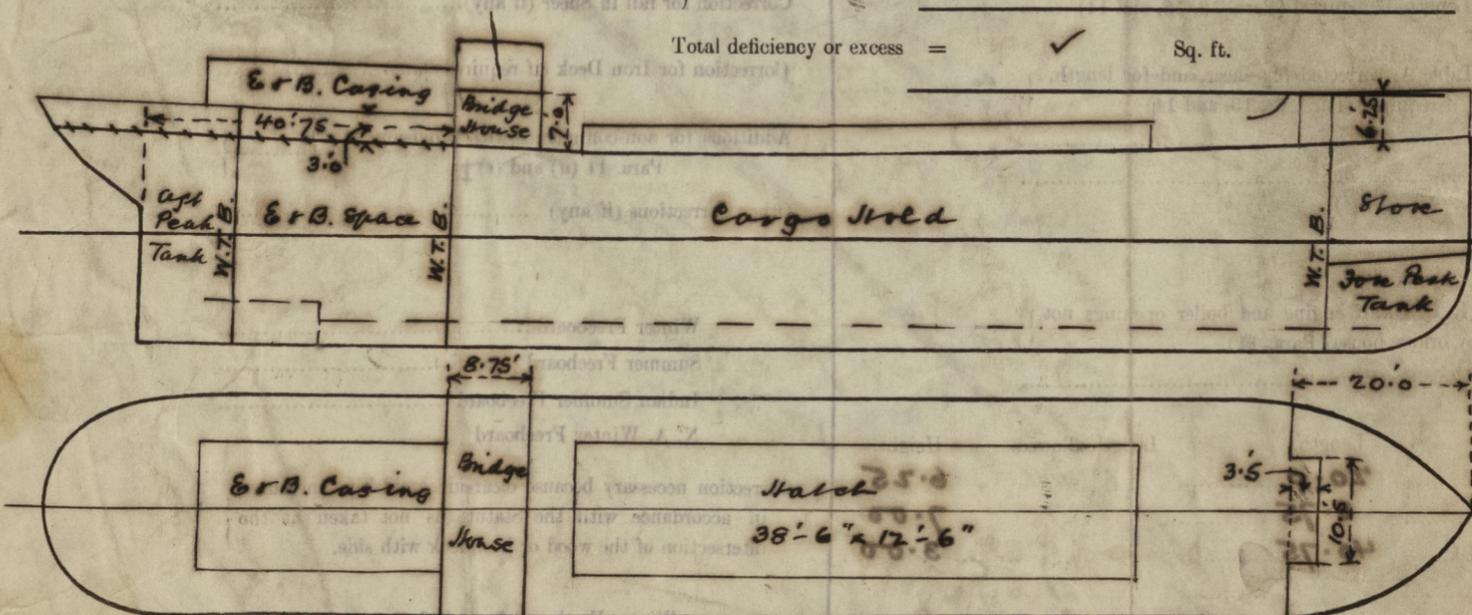
Delete the words { The Crew ~~are not~~, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~ satisfactory.

Length of Bulwarks in well *50.75*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *17* Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports = *12* Sq. ft.
 2.0 x 1.5 x 4 } (each side of vessel)

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 *This vessel is a sister vessel to the S.S. BEN SER (EX DEVERON) built by The Manchester Iron Works Co. Ltd. See Liverpool Rpt. No 79834*

Owners *Manchester Iron Works Co. Ltd.*

Address *Ellesmere Port, Cheshire.*

Fee £ *1 : 1 : 0* Received by me *1177*