

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

Port of Survey Birkenhead
Date of Survey During Alterations
Name of Surveyor E. J. Dean

Ship's Name. S.S. LANCASHIRE	Port of Registry and Nationality. <u>Liverpool</u> <u>British</u>	Official Number. <u>140529</u>	Gross Tonnage. <u>9445.16</u>	Date of Build. <u>August 1917.</u>	Particulars of Classification. <u>II 100 A.1.</u>
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Register dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>482.4</u>	<u>57.35</u>	<u>32.1</u>	<u>5074.46</u>
Length on LOADLINE.	<u>481.5</u>			<u>7038.14</u>
CORRECTED DIMENSIONS.	<u>481.5</u>	<u>57.35</u>	<u>32.65</u>	<u>6936.06</u>

Moulded Depth as measured..... 35'-4 1/2"
Tonnage under Tonnage Dk. U. Dk. Tonnage
Addition for Keel below base line
for draught record..... inches.

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

Co-efficient of fineness..... .769
Any modification necessary
[Para. 4 (a) to (e)]*
Co-efficient as corrected77

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 481.5
Length in Table 424.5
Difference 57
Correction for 10ft., Table A. 1.7 Table C. ☒
× Difference divided by 10 9.69 (if required.)
If 10ths length covered divide by 2 4.84 + 4 3/4"

Sheer { Stem..... 114 } 156 ÷ 2 = 78 ... Mean 36 12.76
at { Sternpost ... 42 } .35
Sheer at 1/2 of the length from { Stem 63 } 78 ÷ 2 = 39 ... Mean ÷ 5.5 = 70.91
Sternpost 15 ÷ 5.5 = 70.91
Gradual mean Sheer 70.91
Standard mean Sheer [Table, Para. 18] 58.15 Correction
Difference..... 12.76 ÷ 4 = 3.19 *
§ If limited as Para. 18 (f) - 3 1/4

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered ☒
Thickness of usual wood deck, less stringer 3 1/2
Filler: 3 1/2" sheathing.

Rise in Sheer { At front of bridge house..... ☒
from amidships { [Para. 18 (e)] At after end of forecastle ☒
Fall in Sheer { 3.5 ÷ 2 = 1.75
Para. 18 (d) }
Length uncovered Covered by bridge. ☒ Correction

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 56.7
Round of Beam 9"
Normal round..... 14.2
Difference 5.2 ÷ 2 = 2.6
Proportion of Deck uncovered (Para. 19)239
.62 * + 3/4

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

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C..... 9'-9 1/4" - 3'-2 1/2" 6'-6 3/4"
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A, corrected for sheer, and for length, 9'-6"
if required (Para. 12, 13, and 14) }
Difference 2'-11 1/4"
Percentage as below..... 50.36%
17.75

Freeboard, Table A 117.18 9'-9 1/4"
Correction for Sheer - 3.1.9 - 3 1/4"
113.99 9'-6"
Correction for Length + 4.84 + 4 3/4"
118.83 9'-10 3/4"
Allowance for Deck Erections - 17.75 - 1'-5 3/4"
101.08 8'-5"
Correction for Round of Beam..... + .62 + 0 3/4"
101.70 8'-5 3/4"
Correction for fall in Sheer (if any)..... ☒
Correction for Steel Deck (if required) ☒
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any) To correspond with Board of
Trade approved subdivision moulded draught of } + 3'-10 1/4"
23'-4 1/2" } 12'-4"

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

	Length.	Length allowed.	Height.
Forecastle.....	<u>85.00</u>	<u>78.26</u>	<u>8.0</u>
Bridge House	<u>304.50</u>	<u>214.00</u>	<u>8.25</u>
† Raised Qr. Dk.....			
Poop.....	<u>46.58</u>	<u>46.58</u>	<u>8.25</u>
Total		<u>338.84</u>	<u>7036</u>
Length of Ship	<u>481.5</u>		
Corresponding percentage { (Para. 11, 12, 13, or 14) } <u>50.36%</u>			

Winter Freeboard
Summer Freeboard
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 ~~steel~~ deck with side.
9 - 9 (26.25 / 28.5) = 9 - 7.93 = 1.07
Winter Freeboard from deck line
Summer " " "
Indian Summer " " "
N. A. Winter " " "
12'-5" for all seasons.

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 " " "
Winter North Atlantic Line " " "

† If the frame, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside
of ceiling should be reported if possible.
† In vessel obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amid-
ships 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 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.

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? *channel framing*

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 *strong steel door*

Is the Poop or Raised Quarter Deck connected with the Bridge House? *yes* Has the Bridge House an efficient Bulkhead at the fore end? *no openings*

Give particulars of the means for closing the openings in Bulkhead *no openings*

What is the thickness of the Bridge Front plating? *.45"* and Coaming plate? *.50"*

Give scantlings and spacing of the Stiffeners *6 x 3 1/2 x .50" angle with 6 x 3 x .50" reverse angle spaced 24"*

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? *strong wood door*

Is the Forecastle at least as high as the main or top-gallant rail? *yes* Has the Forecastle an efficient 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

What is the height of the exposed Casings? *steel*

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:—

Position and Size.		No 1 - 12'6" x 14'0"		No 2 - 22'8" x 16'0"		No 3 - 16'0" x 16'0"		No 4 - 17'6" x 14'0"		No 5 - 18'0" x 14'0"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING. Height above top of DECK	Thickness {	Sides.....	2'3" alone wood	Sides.....	2'3" alone wood	Sides.....	2'3" alone wood	Sides.....	2'3" alone wood	Sides.....	2'3" alone wood
		50"		50"		50"		50"		50"	
SHIFTING BEAMS WEB PLATES.	{	Number	1 web, 1 beam.	Number	2 webs, 3 beams.	Number	1 web, 3 beams	Number	1 web, 3 beams.	Number	1 web, 3 beams
		Material Steel	1 web, 1 beam.	Material Steel	2 webs, 3 beams.	Material Steel	1 web, 3 beams	Material Steel	1 web, 3 beams.	Material Steel	1 web, 3 beams
		3x3x 7/16		3x3x 7/16		3x3x 7/16		3x3x 7/16		3x3x 7/16	
		18x40 Plate		18x40 Plate		18x40 Plate		18x40 Plate		18x40 Plate	
* FORE AND AFTERS.	{	Number	/	Number	/	Number	/	Number	/	Number	/
		Material	/	Material	/	Material	/	Material	/	Material	/
HATCHES Thickness		3"		3"		3"		3"		3"	
Remarks.....											

* The depth of Fore and Afters should be stated from the underside of the hatch in.

(If the sill of the lower hatch is not at least equal to the depth of the upper hatch, the depth of the lower hatch should be stated.)

* 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

Ft. Tenths. Ft. Tenths. No. = Sq. ft.

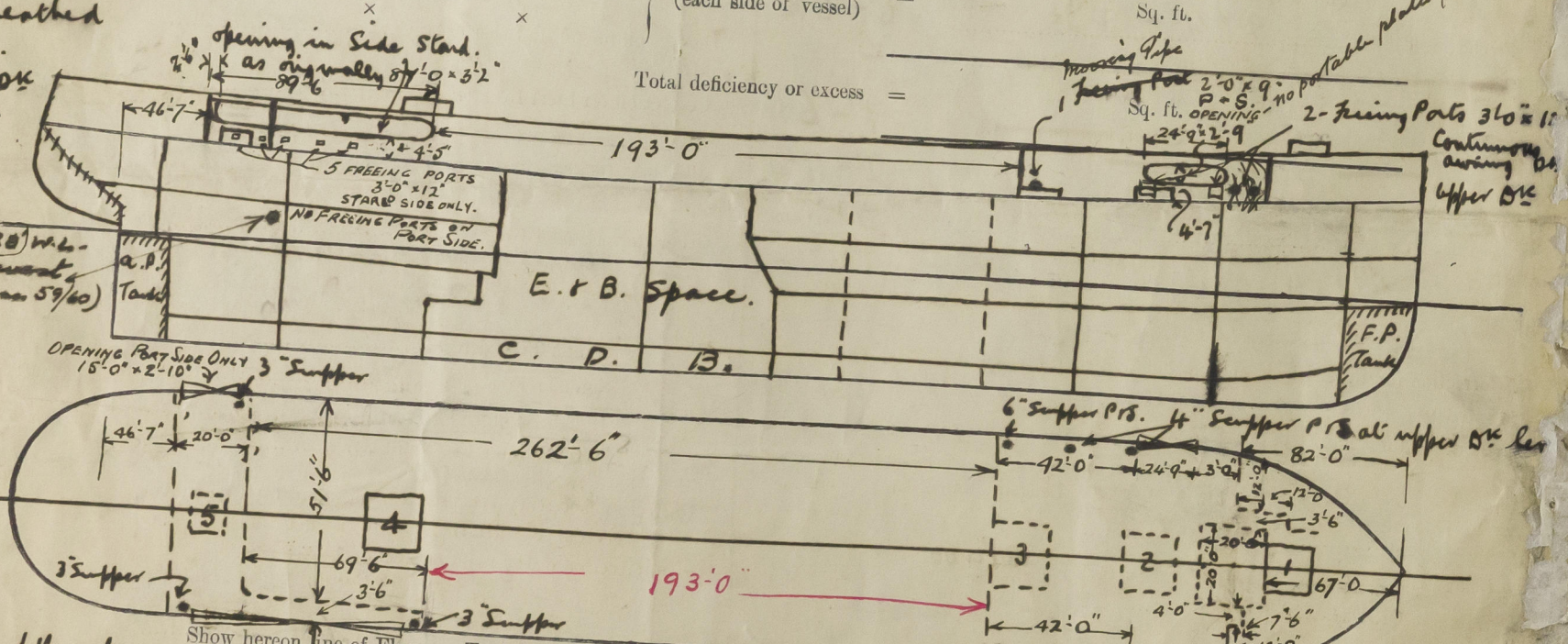
Freeing Ports (each side of vessel) = Sq. ft.

Total deficiency or excess =

Upper B's sheathed with 3/4" P.Pine.
new continuous B's sheathed with 3" P.Pine

Distance from (20) W.L. to bottom of lowest side light (from 59/60) is 2' - 2 1/2"

Note: - Supper fitted with Storm Valves.



Plan of Vessel as a Troopship & Plan showing new range of side lights are furnished with this report. (4/pl)

State any special features in the construction of the Vessel Vessel being altered to a Government Troop Transport

Builder's name and yard number Alterations being carried out by Messrs. Cammell Laird & Co. Ltd.

Names of sister vessels

Owners Bibby S. S. Co. Ltd.

Address Liverpool.

Fee £ 12 : 10 : 0

Received by me La F. & Co. Report