

EXT
Lloyd's Register of British & Foreign Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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

Port of Survey *Bowling*
Date of Survey *while building*
Name of Surveyor *Mr. Shewna*

No. 28682

JUL 29 MAR 1910

20896

Ship's Name.
LOCH ETIVE

Port of Registry
and Nationality.
Glasgow
British

Official
Number.
129484

Gross
Tonnage.
236

Date of Build.
1910

Particulars of Classification.

100 A.I. Contemplated

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	<i>122.3</i>	<i>21.6</i>	<i>9.45</i> <i>to ceiling</i>	<i>176.75</i>
Length on LOADLINE	<i>122</i>	Frame Depth 4 Rule " 3	Ceiling - 20 Sheer - 19 <i>Rise - 2</i> <i>floor</i>	Peak Tanks <i>inel</i> <i>above</i>
CORRECTED DIMENSIONS.	<i>122</i>	<i>21.44</i>	<i>9.6484</i>	<i>176.75</i>

Moulded Depth as measured..... *10.3*

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

Co-efficient of fineness

Any modification necessary
[Para. 4 (a) to (e)*]

Co-efficient as corrected

Sheer { Stem... *34 1/2* } *58.5* ÷ 2 = *29.25*... Mean
at { Sternpost... *24* }
Sheer at 1/2 of the length from { Stem *19* } *32* ÷ 2 = *16*... Mean
{ Sternpost *13* } *13.32*
Gradual mean Sheer *29.09* 4 *2.68* = *3/4*
Standard mean Sheer (Table, Para. 18) *22.20* Correction
Difference..... *6.89* *7.99* ÷ 4 = *-1 3/4* Par 11
§ If limited as Para. 18 (f)..... ✓

Rise in Sheer { At front of bridge house..... *1/2*
from amidships {
[Para. 18 (e)] { At after end of forecastle *12*

¶ Fall in sheer {
Para. 18 (d) } ÷ 2 =
Length uncovered ✓ Correction

ALLOWANCE FOR DECK ERECTIONS:— Par 14 Par 11

Freeboard, Table C..... *2* *2* ✓

Correction for Length, if required (Para. 12, 13, and 14) ✓

Freeboard by Table A. corrected *as required* for sheer, and for length,
if required (Para. 12, 13, and 14) *1.44* *1 - 2 3/4* ✓

Difference *1.72* *1 - 0 3/4* ✓

Percentage as below.....

Para 11 6/1000 allowance *40 of 12 3/4* = *-5*
Length
Sheer *- 13/4* } = *6 3/4* ✓

Para 14 5/1000 allowance *32 of 14 1/2* = *-4 1/2*
Length
Sheer *- 3/4* } = *5 1/4* ✓

Correction for R. Q. Dk. if engine and boiler openings not
covered by bridge house (Para. 11) *58.73* % = *6 1/2* ✓

Allowance for Deck Erections *58.73* % = *6 1/2* ✓

	Length.	Length allowed.	Height.
Forecastle.....	<i>23-8"</i>	<i>19-25"</i> ✓	<i>6.0</i>
Bridge House <i>7.0 side</i> <i>8.9</i> <i>Comb.</i>		<i>8.16</i> ✓	<i>8.6</i>
† Raised Qr. Dk.....	<i>44-3</i>	<i>44-25"</i> ✓	<i>3.6</i>
Poop.....	<i>76-3</i>	<i>71.66</i> ✓	<i>58.73</i> %
Total	<i>122</i>		

Length of Ship

Corresponding percentage
(Para. 11, 12, 13, or 14)

FREEBOARD 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 " " " ...

† If the frames, skin 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 amid-
ships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
§ In ships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
¶ In ships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
‡ In vessels 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 ships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
¶ In ships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.

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.

Winter Freeboard from deck line
Summer " " " "
Indian Summer " " " "
N. A. Winter, " " " " *0 7 1/2* ✓

Wood (Iron) Deck:—

Amended Tables
March 1906

† State dimensions of freeing port area on back of this form.
‡ The Surveyor should state whether the fall in sheer as reported is measured
line of keel or to the water line. If measured relatively to water line
survey, and also the usual load draft forward and aft should be reported.

RECEIVED

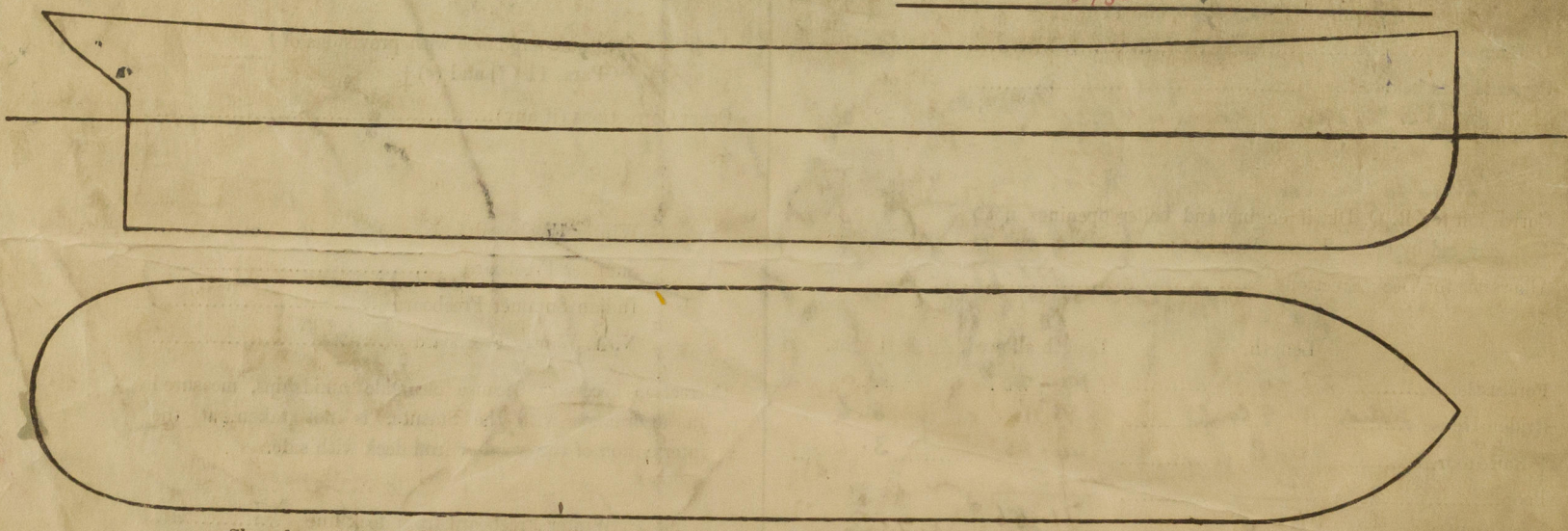
Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? *Yes* Bridge House *Yes* Forecastle *Yes*
 To what height do the Reverse Frames extend? *across top of floor Bulk Angle framing*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes* *formed by Bridge end*
 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 *no openings*
 What is the thickness of the Bridge Front plating? *.26* and Coaming plate? *.3*
 Give scantlings and spacing of the Stiffeners *5 x 2 1/2 x .4 Bulk Angle 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? *Rail rails 8 Bulw.*
 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? *Open fore-castle*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by Quarter deck*
 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? *6.6 above Quarter* 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.		<i>33.3 x 12.0 forward</i>									
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	<i>36</i>	<i>30</i>								
	Sides.....	<i>.46</i>	<i>.46</i>								
	Ends.....	<i>.40</i>	<i>.40</i>								
SHIFTING BEAMS OR WEB PLATES.	Number	<i>6</i>	<i>6</i>								
	Section and Scantlings.....	<i>7 18 x 34</i>	<i>16 x 34 1/2 x 34</i>								
	Material.....	<i>4 12 x 34</i>	<i>4 angle 3 x 3 x 4</i>								
FORE AND AFTERS.	Number.....										
	Section and Scantlings.....	<i>None</i>	<i>None</i>								
	Material.....										
HATCHES Thickness		<i>3</i>	<i>3</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 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 *47-6"*
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *10.925* Sq. ft.
 Ft. Tenth. Ft. Tenth. No. } *11.25*
 2.5 x 1.5 x 3 } Freeing Ports = *11.25* Sq. ft.
 (each side of vessel)
 Total deficiency or excess = *33* 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

Names
 Owners
 Address
 Fee £ *10/6*

Received by me