

Verification

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS ~~WITH FLUSH DECKED, OR WITH TOP 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 Sunderland
Date of Survey July 23rd 1929
Name of Surveyor W.P. Bollings

Ship's Name. "CLAISDALE" Port of Registry and Nationality. Whitby British Official Number. 161012 Gross Tonnage. — Date of Build. 1929 Particulars of Classification. #100 A1 (contemplated)

Registered Dimensions from Ship's Register.

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
360.5	49.9	23.15	3407
Length on LOADLINE.	360.0	Frame Depth 12' 6" Rule " 6" Sheer +11.18	Peak Tanks } incl.
CORRECTED DIMENSIONS.	360.0	48.9	24.45

Moulded Depth as measured..... 25'-5"

Addition for Keel below base line for draught record..... 2 inches.

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

25-5
1-0 1/4

26-5 1/4
3-3 1/2

23-1

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 360.0'
Length in Table 308.0'
Difference 52.0'
Correction for 10ft., Table A. 1.3' Table C. —
× Difference divided by 10 7.15' (if required.)
If $\frac{5}{16}$ ths length covered divide by 2 3.57' + 3 1/2'

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{16}$ ths length covered 79.44'
Thickness of usual wood deck, less stringer 3 1/2' - 3 1/2'

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 49.37
Round of Beam 12.25'
Normal round..... 12.34'
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.

Co-efficient of fineness..... .791
Any modification necessary } .02
[Para. 4 (a) to (e)]* }
Co-efficient as corrected77

Sheer { Stem..... 108 } 166.5 ÷ 2 = 83.25 Mean
at { Sternpost .. 58.5 }
Sheer at $\frac{1}{8}$ of the length from { Stem 63.5 } 95.0 ÷ 2 = 47.5 Mean
{ Sternpost 31.5 } 58.5 ÷ 2 = 29.25
Gradual mean Sheer 84.74
Standard mean Sheer [Table, Para. 18] 46.00 Correction
Difference..... 38.74 ÷ 4 = 9.68
§ If limited as Para. 18 (f) - 9 3/4

Rise in Sheer { At front of bridge house..... —
from amidships { [Para. 18 (e)] At after end of forecastle —

Fall in Sheer } ÷ 2 =
Para. 18 (d) }
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 2" 8 3/4
Correction for Length, if required (Para. 12, 13, and 14) —
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 4.10 3/4
Difference 2" 2 1/4
Percentage as below..... 59.36%
26 x 59.36 = 1547.36
100

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) —
Allowance for Deck Erections - 1" 3 3/4

Length.	Length allowed.	Height.
Forecastle..... <u>34-3 1/2</u> + <u>3'-0"</u> wing houses	<u>35.29</u>	<u>8'-6"</u>
Bridge House <u>219.0</u>	<u>219.00</u>	<u>8.6</u>
† Raised Qr. Dk..... <u>—</u>	<u>—</u>	<u>—</u>
Poop..... <u>31.8 1/2</u>	<u>31.40</u>	<u>8'-6"</u>
Total <u>285.99</u>	<u>285.99</u>	<u>79.44</u>
Length of Ship <u>360.0</u>	<u>360.0</u>	<u>—</u>
Corresponding percentage { <u>59.36%</u> (Para. 11, 12, 13, or 14) }	<u>59.36%</u>	<u>—</u>

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, (Steel) Deck:—

Fresh Water Line above centre of Disc 6
Indian Summer Line " " " 4 1/2
Winter Line below " " " 4 1/2
Winter North Atlantic Line " " " —

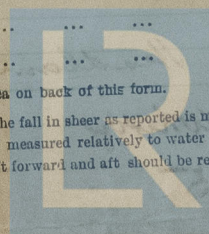
Winter Freeboard 3 1/4
Summer Freeboard (3 1/4 - 5) = (4 1/4)
Indian Summer Freeboard 3
N. A. Winter Freeboard —

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

Winter Freeboard from deck line 3" 9 1/4
Summer " " " " 3" 4 1/2
Indian Summer " " " " 3" 4 1/4
N. A. Winter " " " " —

† 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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height in the Poop? *yes* Raised Quarter Deck? *yes*
 Frames extend? *channel framing*
 Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*
 Means for closing the openings in Bulkhead *Hinged doors (steel)*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *no* Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*
 Give particulars of the means for closing the openings in Bulkhead *Hinged doors (steel)*
 What is the thickness of the Bridge Front plating? *1/4"* and Coaming plate? *1/4"*
 Give scantlings and spacing of the Stiffeners *9 x 3 x 38 BAs @ 30"*
 Are bracket plates fitted at each end of the Stiffeners? *lugged* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Poop Bulk'd. at after end? *yes*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*
 How are the openings closed? *portable plate doors secured with hookbolts*
 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? *by a bridge*
 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? *7.6* 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.		No 1- 24-9 x 20-0		No 2- 30-3 x 20-0		No 3- 13-9 x 20-0		No 4- 30-3 x 20-0		No 5- 30-3 x 20-0	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	2'-10"		2'-6"		2'-6"		2'-6"		2'-6"	
	Thickness										
	Sides.....	44	50	44	50	44	50	44	50	46	
	Ends.....	44		44		44		44		44	
SHIFTING BEAMS OR WEB PLATES.	Number	4		4		2		4		5	
	Section and Scantlings	18 x 36	50	16 x 34	50	14 x 32	50	16 x 34	50	18 x 36	
	Material	4 x 3 x 44		4 x 3 x 44		4 x 3 x 44		4 x 3 x 44		4 x 3 x 44	
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES Thickness		2 1/2	50	2 1/2	50	2 1/2	50	2 1/2	50	2 1/2	50
Remarks		Good		Good		Good		Good		Good	

* 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? *2 1/2"* Strake between Main and Bridge Sheerstrakes? *2 1/2"*

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.

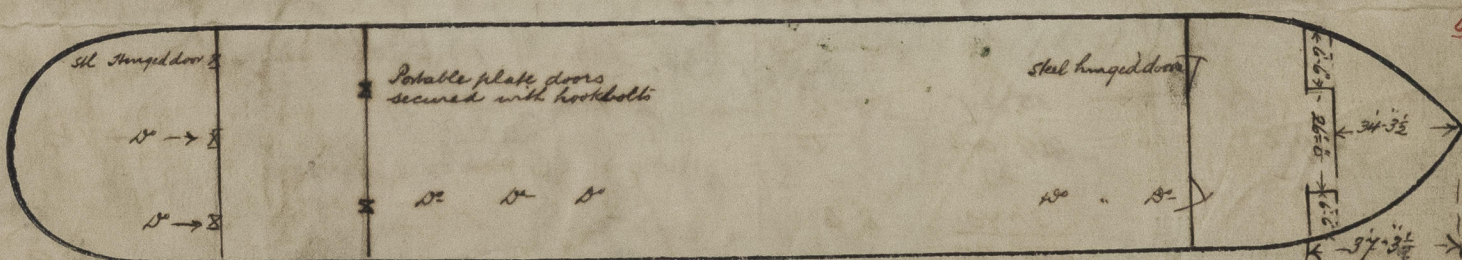
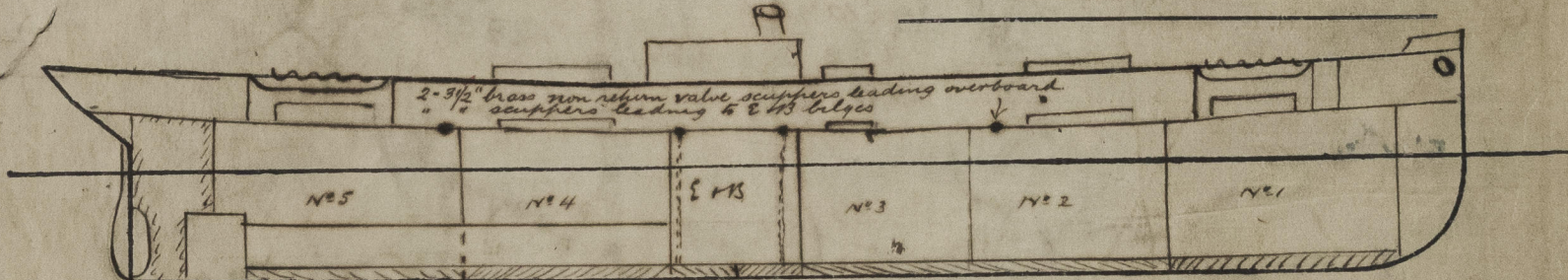
Length of Bulwarks in well *For 30-9. aft 41-3*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *20.0* Sq. ft.

	Ft.	Tenths.	Ft.	Tenths.	No.		
For	3	4	x	1.66	x 2	Freeing Ports (each side of vessel)	=
aft.	3	4	x	1.66	x 3		=

for class only

Total deficiency or excess = *8.2* 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 *none*

Builder's name and yard number *Sir James Laing Sons & Co., No 707*

Names of sister vessels *-*

Owners *Messrs Headlam Sons*

Address *Whitby*

Fee £

8 5

Received by me

Sir J. C. Laing

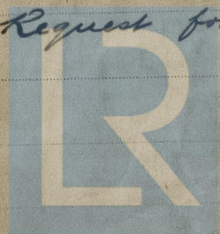
will be charged on completion

Dispt at L.W.L. *22.4 3/4* = *9050 Tons*

Ton per inch *36.5*

Mld dipt @ 85% mld depth = *8468*

Request form is attached



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Foundation