

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

20348

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER 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 Hull

Date of Survey 6th July 1909

Name of Surveyor A. S. Wilson

Ship's Name.

Haller

Port of Registry
and Nationality.Hull
BritishOfficial
Number.

129243

Gross
Tonnage.

679

Date of Build.

1907

Particulars of Classification.

100 A1.

(Contingent)

Number in Register Book 100

Registered dimensions from ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	178.00	30.05	2 ceiling 12.3	518.01
Length on LOADLINE	177.45	Frame Depth 3 1/2 Rule " 3 1/2	Ceiling 2 1/4 Sheer .64 Depth to inner bottom 12.5 Level Tank	Peak Tanks
CORRECTED DIMENSIONS.	177.45	30.05	13.14 12.94	518.01

Co-efficient of fineness 759.738

Any modification necessary { Cellular double bottom.
[Para. 4 (a) to (e) *]

Co-efficient as corrected 727

Sheer { Stem... 60
at { Sternpost... 42 } 102 ÷ 2 = 51 ... MeanSheer at 1/2 of the length from { Stem 32 1/2
Sternpost 24 1/2 } 54 1/2 ÷ 2 = 28 1/4 ... Mean

Gradual mean Sheer

Standard mean Sheer (Table, Para. 18) 24.8 - Correction

Difference 23.2 ÷ 4 = - 5 3/4

§ If limited as Para. 18 (f)

Rise in Sheer { At front of bridge house..... ✓
from amidships {
[Para. 18 (e)] { At after end of forecastle ✓Fall in sheer {
Para. 18 (d) { ÷ 2 = ✓

Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 6

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

Freeboard by Table A. corrected for sheer, and for length, } 1.10 9 3/4

if required (Para. 12, 13, and 14) }

Difference 1.32 1/4

Percentage as below..... 50.357

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

Allowance for Deck Erections 4 1/2

	Length.	Length allowed.	Height.
Forecastle.....	24-0	24-0	6-9
Bridge House	12-0	12-0	7-0
† Raised Qr. Dk.....	83-6 × 3.5 3.52	83-0	3-6
Poop.....	119-5	119	
Total	177.75	177.75	1669
Length of Ship			

Corresponding percentage {
(Para. 11, 12, 13, or 14) } 50.357

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

" " Amended Tables

Winter Line

below " March, 1906

Winter North Atlantic Line

" " " "

In cases, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside
beaming should be reported if possible.
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 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.Moulded Depth as measured..... 14-6
15-1 1/2
2-7 1/2
12-6 to inner bottomNOTE.—If the
depth is measured
when vessel is
afloat, the details
of measurement
should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 177.75 ✓

Length in Table 174.0 ✓

Difference 3.75 ✓

Correction for 10ft., Table A. 1.0 Table C.

× Difference divided by 10 3.75 (if required.)

If 1/10ths length covered divide by 2 + 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered 6.7/10 ✓

Thickness of usual wood deck, less stringer..... 3" - 2 3/4 ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 29.2

Round of Beam..... 7 1/2 ✓

Normal round 7 3/8

Difference ÷ 2 =

Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A..... 2.32 1/4

Correction for Sheer - 5 3/4

Correction for Length 1.10 9 3/4

Allowance for Deck Erections 7 1/2

Correction for Round of Beam..... 1-2 3/4 1/2

Correction for fall in Sheer (if any)

Correction for Iron Deck (if required) - 2 3/4

Additions for non-compliance with provisions of {
Para. 11 (d) and (e) † }

Other Corrections (if any).....

Winter Freeboard 0 1/4 - 11 3/4

Summer Freeboard 10 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.

Winter Freeboard from deck line 1-12

Summer " " " 11 3/4

Indian Summer " " "

N. A. Winter, " " "

6-11

3 1/2

2

† 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.

[P.T.O.]

RECEIVED 26 AUG 1909

19/7/23

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? *All to deck*

Has the ~~Poop~~ 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~~ 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? $\frac{1}{2}$ " and Coaming plate? $\frac{3}{4}$ " *Short cabin Bridge*

Give scantlings and spacing of the Stiffeners $4 \times 3 \times 8 \frac{1}{2}$ angles and crossed bars $3 \times 3 \times 6 \frac{1}{2}$

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? *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, and 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 $\frac{1}{2}$ " $3 \times 2 \frac{1}{2} \times 5 \frac{1}{2}$ 30" apart.

What is the height of the exposed Casings? $6-6 \frac{1}{2}$ 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, 11-0 x 11-0		No. 2, 29-4 x 13-0		No. 3, 18-4 x 13-0			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30	30	30	30	30	24		
	Sides.....	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "		
	Ends.....	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "		
SHIFTING BEAMS OR WEB PLATES.	Number.....	One	One	Three	Three	Two	One		
	Section and Scantlings.....	$2 \frac{1}{2} \times 2 \frac{1}{2} \times \frac{1}{2}$	$2 \frac{1}{2} \times 2 \frac{1}{2} \times \frac{1}{2}$	$2 \frac{1}{2} \times 2 \frac{1}{2} \times \frac{1}{2}$	$2 \frac{1}{2} \times 2 \frac{1}{2} \times \frac{1}{2}$	$2 \frac{1}{2} \times 2 \frac{1}{2} \times \frac{1}{2}$	$2 \frac{1}{2} \times 2 \frac{1}{2} \times \frac{1}{2}$		
	Material.....	Steel	Steel	Steel	Steel	Steel	Steel		
FORE AND AFTERS.	Number.....	Three	Three	Three	Three	Three	Three		
	Section and Scantlings.....	6×6	6×6	7×7	7×7	7×7	7×7		
	Material.....	Wood	Wood	Wood	Wood	Wood	Wood		
HATCHES Thickness.....		3"	2 1/2"	3"	2 1/2"	3"	2 1/2"		
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? $\frac{1}{2}$ " Strake between Main and Bridge Sheerstrakes? $\frac{1}{2}$ "

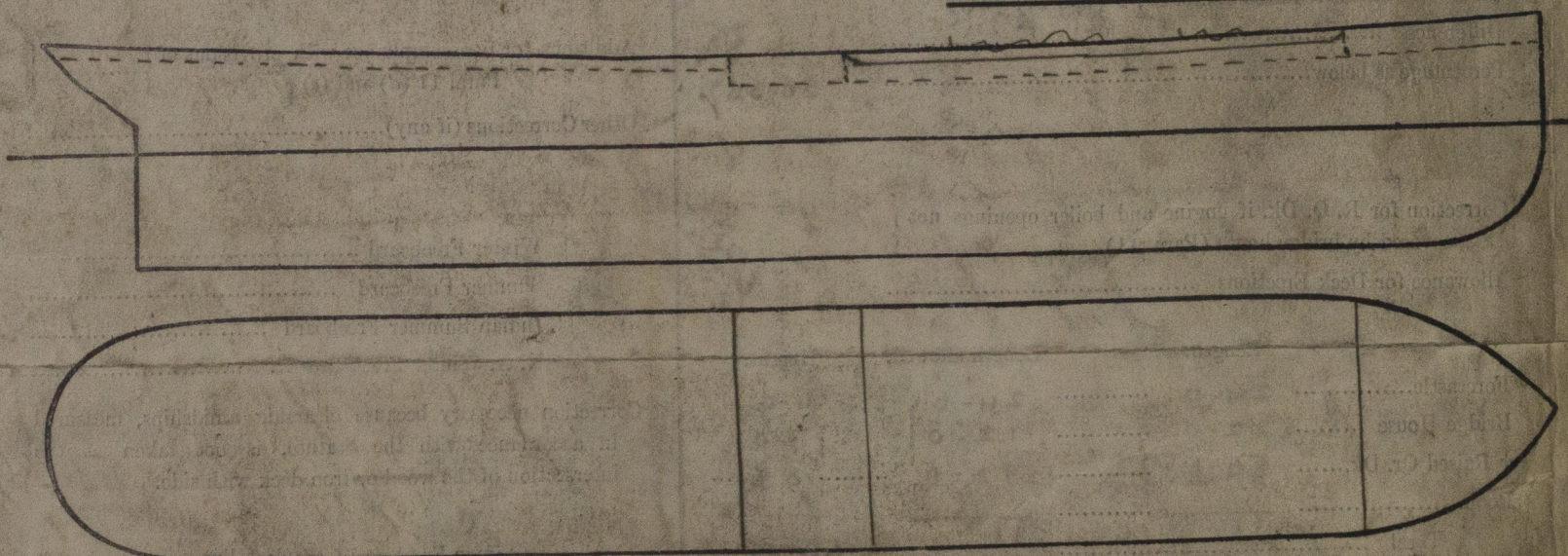
Delete the words { The Crew ~~are~~, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~ satisfactory.

Length of Bulwarks in well $58-6 \frac{1}{2}$

Area of Freeing Ports required by Para. 11 (e) each side of vessel = $12.35 \times$ Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	Freeing Ports (each side of vessel)	= $12.4 \times$ Sq. ft.
2	0	1	55	4		

Total deficiency or excess = $.05 \times$ 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 ☒ The approved plans of Midship Section

Profile and Decks are forwarded herewith for reference. *as per*

A provisional freight was assigned to this vessel. On receipt of letter with 1908.

Owners Builders Messrs Cochrane & Sons

Address *Selly*

Fee £ *new vessel*

Received by me



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Foundation