

16093  
FHL 29 MAY 1903

N<sup>o</sup> 13636.

Rpt. 11b.

# Verification Report

## LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

### SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES,  
HAVING LONG POOP, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES,  
OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

Port of Survey Greenock  
Date of Survey 27<sup>th</sup> May / 03.  
Name of Surveyor J. Macdonald

Ship's Name.	Gross Tonnage.	Official Number.	Type of Ship.	Date of Build.	Particulars of Classification.
<u>Stul S/S. HERMIA</u> <u>C.S. &amp; F.C. N. 235</u> Number in Register Book <u>—</u>	<u>✓</u>	<u>✓</u>	<u>Single Dk</u> <u>P.B. &amp; F.C.</u>	<u>1903.</u>	<u>100. A. 1 (Stul)</u> <u>Contemplated.</u>

Registered Length 289.2 Breadth 42.05 Depth 19.65

Length on Loadline 289.0  
Breadth 42.05

Depth 19.65

Tons  
und. Dk. 1947.47  
× 100 194747

289.0 × 42.05 × 19.65 = 815.

Co-efficient of fineness 815  
Any modification necessary {  
[Para. 4 (a) to (e)]  
Co-efficient as corrected 80

Sheer { Stem... 75 } 109 1/2 ÷ 2 = 54.75 Mean  
at { Sternpost... 34 1/2 }  
Sheer at 1/2 of the length from { Stem 42 } 61 1/2 ÷ 2 = 30.75 Mean  
{ Sternpost 19 1/2 }  
Standard Sheer (Table, Para. 16) 38.90 Correction  
Difference 15.85 ÷ 4 = 3.9625  
Say = 4"

Rise in Sheer { At front of bridge house...  
from amidships { At after end of forecastle...  
[Para. 16 (e)]

#### ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 2.5  
Correction for Length, if required (Para. 12 and 13) + 1 1/2  
2 - 6 1/2

Freeboard by Table A, corrected for sheer, and for length,  
if required (Para. 12 and 13) 4 - 6  
Difference 1 - 11 1/2  
Percentage as below 39.09% 9.18

Correction of R. Q. Dk. less than 4ft. high, or if engine and  
boiler openings not covered by bridge house  
\*Allowance for Deck Erections Say 9 1/4"  
Length. Length allowed. Height.  
Forecastle 31.5 31.5 7.0  
Bridge House 80.5 80.5 7.0  
Raised Qr. Dk. — — —  
Poop 28.75 28.75 7.0  
Total 140.75 140.75 487.

Length of Ship 289.0  
Corresponding percentage {  
(Para. 12, or 13.) = 39.09%

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line:—

Fresh Water Line	above centre of Disc	...	...	...	...	...	...
Indian Summer Line	"	"	"	...	...	...	...
Winter Line	below	"	"	...	...	...	...
Winter North Atlantic Line	"	"	"	...	...	...	...

Moulded Depth as measured 22' 0"

#### CORRECTION FOR LENGTH:—

Length of Ship on load line 289  
Length in Table 264  
Difference\* 25  
Correction for 10ft., Table A. 10/30.0 Table C. 10/75.0  
× Difference\* divided by 10 3.0 (if required.) 1.50  
If 1/10ths length covered divide by 2 } + 3" + 1 1/2"  
for vessels coming under para. 11 }

#### CORRECTION FOR IRON DECK:—

Proportion covered, if less than 1/10ths length covered 487 Covered  
Thickness of usual wood deck, less stringer 3 1/2

Correction 1 3/4

#### CORRECTION FOR ROUND OF BEAM:—

Round of Beam 10 1/4  
Normal round 10 1/4  
Difference ✓ ÷ 2 = —

Proportion of Deck uncovered (Para. 17) ✓

Freeboard, Table A 4 - 7

Correction for Sheer 4 - 3

Correction for Length 4 - 6

Allowance for Deck Erections 3 - 8 3/4

Correction for Round of Beam ✓

Correction for Iron Deck (if required) 3 - 7

Additions for non-compliance with provisions of {  
Para. 11 (e) and (f) ✓

Other corrections (if any) 3 - 7

Winter Freeboard 3 - 5 1/4

Summer Freeboard 3 - 9

N. A. Winter Freeboard 3 - 10 3/4

Correction necessary because clear side amidships measured  
in accordance with the Statutes is not taken at the  
intersection of the deck with side. 1 3/4

Winter Freeboard from deck line† 3. 8 3/4

Summer " " " 3. 5 1/4 5 3/4

N. A. Winter, " " " 3 - 10 3/4

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\* Particulars should be stated on the back of this Form as to the character of the Erections, and whether closed in or not.

† State dimensions of freeing port area on the back of this form.  
‡ Marked in accordance with Sec. 25, 76.



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ERASE WORDS WHICH DO NOT APPLY.

The Crew *are, are not*, berthed in the bridge house.

The arrangements to enable them to get backwards and forwards from their quarters *are, are not*, satisfactory.

Length of Bulwarks in well  $\times 2 \div$   
Freeing Ports

= Sq. Ft.

Ft.	Tenths.	Ft.	Tenths.	No.
	$\times$		$\times$	}
	$\times$		$\times$	

= Sq. Ft.

Total deficiency = Sq. Ft.

Total excess =

CHARACTER OF DECK ERECTIONS.

Do all the Frames extend to the top height in the Poop? *Yes.*

Do. do. do. do. Raised Quarter Deck? *✓*

Do. do. do. do. Bridge House? *Yes.*

Do. do. do. do. Forecastle? *Yes.*

To what height do the Reverse Frames extend? *Bulk Angle framing in holds.*

Has the Poop ~~or Raised Quarter~~ Deck an efficient Iron Bulkhead at its fore end? *Yes.*

State whether the Bridge House efficiently covers the Engine and Boiler Openings *Yes.*

Has the Bridge House an efficient Iron Bulkhead at the fore end? *Yes.*

Are efficient Doors fitted to the Passage Ways? *Yes.*

Describe how and to what extent it is Stiffened, by angle Irons, Bulb Plates, or otherwise *As per plans.*

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes.*

Are efficient Doors fitted to the Passage Ways? *Storm boards will be fitted to passage ways.*

Are efficient Iron Doors fitted to the Passages of the Bridge House, or is it entered from above? *Entered from above & below*

Has the Forecastle an efficient Iron ~~or Wood~~ Bulkhead at its after end? *Yes.*

Are the Hatchways efficiently constructed? *Yes.* State the height of the Coamings *24"*

Are the Hatches solid? *Yes.* What is their thickness? *3"*

Are the exposed parts of the Engine and Boiler Casings efficiently constructed? *Yes.*

State any special features in the construction of the Vessel *None.*

*The approved Midship Section & profile plans are enclosed for reference.*

*Plans see Gih. Freeboard Pp. 13509.*

*Request. Form was attached to preliminary report.*

*2 Plans  
JRB*

*M. J.  
28.5.03.*

Owners

Address

Fee £ *New Vessel.*

Received by me



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