

Rpt. 11b

32700
COPY WRITER

30 MAR 1928

Lloyd's Register of British & Foreign Shipping. 9940

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

REGULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH GALLANT 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 Belfast
Date of Survey While Building
Name of Surveyor Gas Rennie

Ship's Name. "HOOIBERG"
Port of Registry and Nationality. London
British
Official Number. 160408
Gross Tonnage. ✓
Date of Build. 1928
Particulars of Classification. + 100A1 contemplated.

Registered dimensions from Ship's Register.	LENGTH. <u>305.7</u>	BREADTH. <u>50.25</u>	DEPTH. <u>14.3</u>	UNDER DECK TONNAGE. <u>1742.83</u>
Length on LOADLINE.	<u>305.0</u>	Frame Depth Rule <u>6</u> " <u>5</u> " <u>2.1</u> Not having <u>+33</u>	Ceiling <u>+ .20</u> Sheer <u>- .96</u>	Peak Tanks <u>Included</u> <u>+ 5 tons for</u> <u>Deep Hoots in</u> <u>Machinery space</u>
CORRECTED DIMENSIONS.	<u>305</u>	<u>50.41</u>	<u>13.54</u>	<u>1747.83</u>

Moulded Depth as measured..... 15'0"

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

Co-efficient of fineness..... .84
Any modification necessary [Para. 4 (a) to (e)]* ✓
Co-efficient as corrected..... .82 highest in tables.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>305</u>
Length in Table	<u>180</u>
Difference	<u>125</u>
Correction for 10ft., Table A.	<u>1.0</u>
× Difference divided by 10	<u>12.5</u>
If $\frac{1}{10}$ ths length covered divide by 2	<u>6.25</u>
	<u>+ 6 1/4"</u>

15.0 Sheer at Stem..... 15"
14.0 at Sternpost... 12"
 $27" \div 2 = 13.5"$...Mean

Sheer at $\frac{1}{2}$ of the length from Stem 3.5"
Sternpost 1.5"
 $5" \div 2 = 2.5"$...Mean

Gradual mean Sheer..... 5.87"
Standard mean Sheer [Table, Para. 18]..... 40.50"
Difference..... 34.63" ÷ 4 = 8.66"
+ 8 3/4"

§ If limited as Para. 18 (f).....
5.87 = mean end sheer

CORRECTION FOR IRON DECK. Profs, Trunks & forecastle

Proportion covered, if less than $\frac{1}{10}$ ths length covered..... 70%
Thickness of usual wood deck, less stringer..... 3 1/2"

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

Fall in Sheer [Para. 18 (d)]
Length uncovered..... ÷ 2 =
Correction ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>50'-0"</u>
Round of Beam.....	<u>12"</u>
Normal round.....	<u>12 1/2"</u>
Difference	<u>1/2" × 2 = 1"</u>
Proportion of Deck uncovered (Para. 19).....	<u>.294</u>

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 0'-7 1/2"
Correction for Length, if required (Para. 12, ~~Table C~~)..... ✓

Freeboard by Table A, corrected for sheer, ~~and for length~~, if required (Para. 12, ~~Table A~~)..... 3'-3 3/4"
Difference..... 2'-8 1/4"
Percentage as below..... 44.1%
14.22

Freeboard, Table A	<u>2'-7"</u>
Correction for Sheer	<u>+ 8 3/4"</u>
Correction for Length	<u>3'-3 3/4"</u>
Allowance for Deck Erections	<u>3'-10"</u>
Correction for Round of Beam.....	<u>- 1'-2 1/4"</u>
Correction for fall in Sheer (if any).....	<u>✓</u>
Correction for Iron Deck (if required)	<u>- 3 1/2"</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>2'-4 1/4"</u>
Other Corrections (if any)	<u>✓</u>

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

Allowance for Deck Erections..... - 1'-2 1/4"

	Length.	Length allowed.	Height.
Forecastle.....	<u>34.4</u>	<u>34.4</u>	<u>7.0</u>
Bridge House.....	<u>204 × 29 × 8</u>	<u>94.65</u>	<u>7.0</u>
POOP.....	<u>66.6</u>	<u>66.6</u>	<u>7.0</u>
Total		<u>195.65</u>	<u>= .641</u>
Length of Ship		<u>305.0</u>	

Winter Freeboard..... 2'-4 1/4"
Summer Freeboard..... 2'-2 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 steel deck with side. as fixed by the B.O.T. Surveyor..... 1 1/2"

Winter Freeboard from deck line..... 2'-5 3/4"
Summer " " "..... 2'-4 1/4"
Indian Summer " " "..... ✓
N. A. Winter " " "..... 2'-4"
Steel Deck:—..... 3"
..... 1 1/2"

Corresponding percentage (Para. 12, ~~Table C~~)..... 44.1%

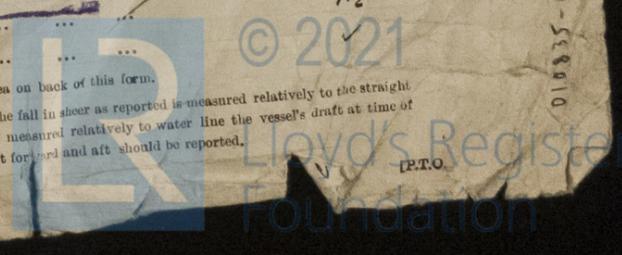
FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Steel Deck:—

Fresh Water Line above centre of Disc..... MARKING FORM
Indian Summer Line " " "..... 16 APR 1928
Winter Line below " "..... RECEIVED
Winter North Atlantic Line " " ".....

2 - APR 1928

MARKING FORM
16 APR 1928
RECEIVED

† 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 amidships 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 sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and sternpost.



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Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? Bridge House? Forecastle? *yes*

To what height do the Reverse Frames extend? *Bulk Angle frames throughout*

Has the Poop an efficient Bulkhead at the fore end? *yes*

Give particulars of the means for closing the openings in Bulkhead *Wood weatherboards full height in riveted chains*

Is the Poop 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 *Yes*

What is the thickness of the Bridge Front plating? and Coaming plate?

Give scantlings and spacing of the Stiffeners

Are bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?

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

How are the openings closed?

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 *Steel* Bulk'd. at after end? *yes*

If the openings are not so protected are the exposed parts of the Casings efficiently constructed?

Give thickness of plating; scantlings and spacing of Stiffeners

What is the height of the exposed Casings? Are suitable means provided for closing all openings in them in bad weather?

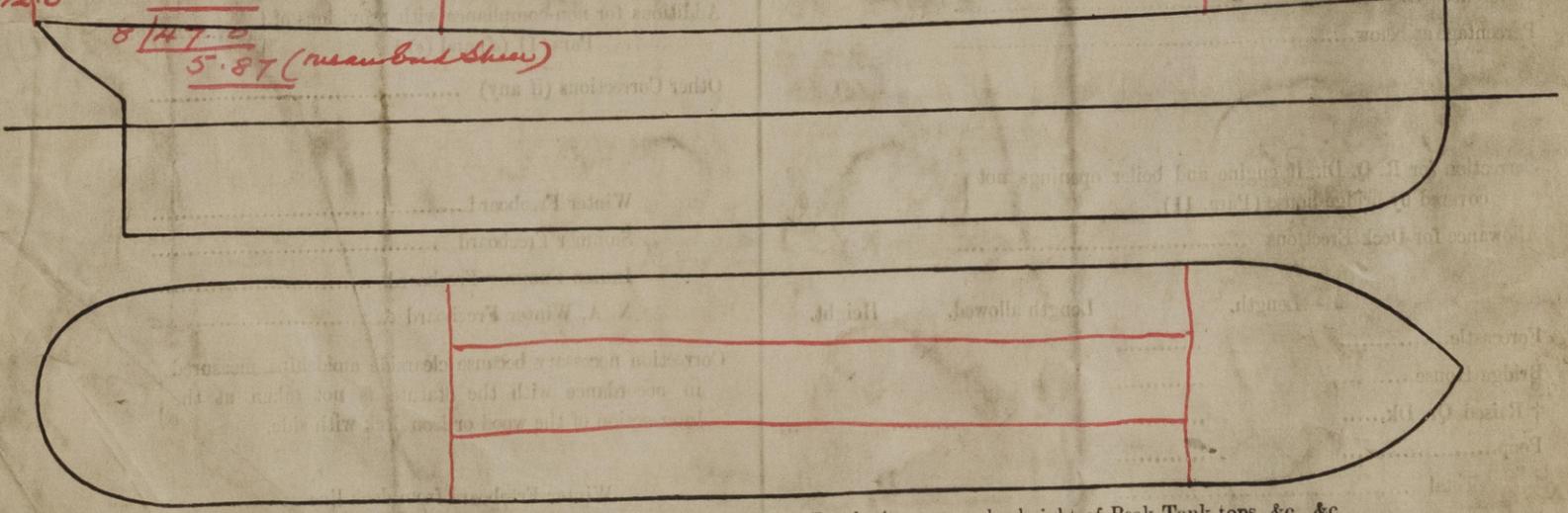
Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below: *Oil tight covers*

Position and Size.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
Item.		Ship.	Rule.										
COAMING.	Height above top of DECK												
	Thickness												
SHIFTING BEAMS OR WEB PLATES.	Number												
	Section and Scantlings												
	Material												
* FORE AND AFTERS.	Number												
	Section and Scantlings												
	Material												
HATCHES	Thickness												
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?*

<i>Sheer</i>	Delete the words	{ The Crew are, are not, berthed in the bridge house.
<i>F 15.0 1 15.0</i>	that do not apply	{ The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.
<i>1/8 23.5 4 14.0</i>	Length of Bulwarks in well	
<i>1/4 0 2 -</i>	Area of Freeing Ports required by Para. 11 (e) each side of vessel	= Sq. ft.
<i>3/8 0 4 -</i>	Ft. Tenths. Ft. Tenths. No.	} Freeing Ports (each side of vessel) = Sq. ft.
<i>1/2 0 2 -</i>		
<i>3/4 0 4 -</i>		
<i>1/4 0 2 -</i>		} Total deficiency or excess = Sq. ft.
<i>1/8 1.5 4 6.0</i>		
<i>A 12.0 1 12.0</i>		



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 *Sister vessel to the 1885 "Punta Benitez" Belfast Report No 9921*

Owners *Lago Shipping Co. Ltd. (A. Weir & Co. Managers)*
 Address *London*

Fee £ *6 : 8 : 4* Received by me *See L.R. Report.*
initials drawn on completion

