

Lloyd's Register of Ships

SURVEYS FOR FREEBOARD.—STEAM

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.

Name of Surveyor

W. W. W. W.

Ship's Name. *TA* *of Gdynia*
Port of Registry *Havre*
Official Number *2550*
Gross Tonnage *2640*
Date of Build. *1916*
Particulars of Classification. *100A.1*

Registered Length. *253.0*
Breadth. *43.5*
Depth. *25.3*
Under Deck Tonnage. *2217.46*

Length on Loadline. *253*
Frame Depth *8*
Ceiling *fitted*
Peak Rule *5 1/2*
Sheer *42*
Tanks *25.37*
no spanning *Depth 6*
+ *33*
inner bottom

CORRECTED DIMENSIONS. *253* *43.41* *25.20* *2217.46*

Co-efficient of fineness. *.80*
Any modification necessary [Para. 4 (a) to (e)]* *bell. d. 0.3*
Co-efficient as corrected. *.78*

Sheer { Stem *53* } *70 ÷ 2 = 35* ... Mean *36 35.3*
at { Sternpost *17* } *.42*
Sheer at 1/2 of the length from { Stem *20* } *22 ÷ 2 = 11* ... Mean *11*
Sternpost *2* } *÷ 55 = 20*
Gradual mean Sheer *11*
Standard mean Sheer [Table, Para. 18] *21.18* Correction
Difference *10.18 ÷ 4 = +2 1/2*
§ If limited as Para. 18 (f) *+2 1/2*

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

¶ Fall in Sheer {
Para. 18 (d) { *1 ÷ 2 = 1/2*
Length uncovered Correction *all covered*

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C. *3-6 1/2*
Correction for Length, if required (Para. 12, 13, and 14) *- 5 1/2*
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) *5-8 1/2*
Difference *2-7 3/4*
Percentage as below *37.76*

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) *-12*
Allowance for Deck Erections

	Length.	Length allowed.	Height.
Bridge House	<i>25.4</i>	<i>25.4</i>	<i>7-6"</i>
Raised Qr. Dk.			
Pop	<i>124.0</i>	<i>124</i>	<i>7-6"</i>
Total		<i>1119.4</i>	
Length of Ship	<i>253</i>		<i>= 4.72</i>
Corresponding percentage (Para. 11, 12, 13, or 14)	<i>37.76%</i>		<i>eighth</i>

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 " " "

Moulded Depth as measured *27-7*
Lowest point of sheer *15-9" aft of 0 = 27-6"*

CORRECTION FOR LENGTH.
Length of Ship on Loadline *253*
Length in Table *331*
Difference *78*
Correction for 10ft., Table A. *1.4* Table C. *.7*
× Difference divided by 10 *10.92* (if required.) *5.46*
If 1/10ths length covered divide by 2 *- 11* *- 5 1/2*

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered *.81 covered*
Thickness of usual wood deck, less stringer *3 1/2* *- 3 1/2*

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale at ships *43*
Round of Beam *13"*
Normal round *10.75*
Difference *2.25 ÷ 2 = 1.12*
Proportion of Deck uncovered (Para. 19) *.19*

Freeboard, Table A *6-7 1/2*
Correction for Sheer *+ 2 1/2*
Correction for Length *- 11*
Allowance for Deck Erections *- 1-0*
Correction for Round of Beam *- 4-11*
Correction for fall in Sheer (if any) *-*
Correction for Iron Deck (if required) *- 3 1/2*
Additions for non-compliance with provisions of Para. 11 (d) and (e) *-*
Other Corrections (if any) *-*

Winter Freeboard *4-7 1/2*
Summer Freeboard *4-2 3/4*
Indian Summer Freeboard *3-10*
N. A. Winter Freeboard *4-9 1/2*
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. *1 1/2*

Winter Freeboard from deck line *4-9 1/4*
Summer " " " *4-4 1/2*
Indian Summer " " " *3-11 3/4*
N. A. Winter " " " *4-11 1/4*
State dimensions of freeing port area on back of this form.

frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside

The Surveyor should state whether the

Lloyd's Register Foundation

Ship.	Rate.	Ship.	Rate.	Ship.	Rate.
		24 42 36			
		none			
		3	$75 \times 42 \times 8.5 \text{ lb. } 25$ $50 \times 16 \times 37$		
		$3\frac{1}{2}$ "			

* The depth of Fore and Afters should be stated from the underside of the hatchways in all cases.

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 Shearstrake?	Strake between Main and Bridge Shearstrakes?

Area of Frueing Ports required by Para. 11 (c) each side of vessel