

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

22282

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 *Newcastle-on-Tyne*
Date of Survey *1st May 1912*
Name of Surveyor

Ayre Ballard system of construction

Ship's Name. *Blyth S.B. Co No 168*
Number in Register Book *Thyra Menier*
Port of Registry and Nationality.
Official Number.
Gross Tonnage.
Date of Build.
Particulars of Classification. *100A.1. Contemplated*

Registered dimensions from p's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>240</i>	<i>36'-0" hd</i>		
Length on LOADLINE.	<i>240</i>	Frame Depth <i>5 1/2</i>	Ceiling <i>fitted</i>	Peak Tanks
		Rule "	Sheer	
CORRECTED DIMENSIONS.				

Moulded Depth as measured *22'-2"*
wood deck less stringer 3 1/2"
Incl depth to use 21'-10 1/2"
22-11 1/2"
2-9 1/2"
20-12" to inner bottom

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

Co-efficient of fineness.....
Any modification necessary {
[Para. 4 (a) to (e)]*
Co-efficient as corrected *.79 as "Edenor" provisionally*

Sheer { *negative*
Stem..... *21'*
at Sternpost ... *21'* } *42 ÷ 2 = 21' ... Mean*
Sheer at 1/8 of the length from { Stem }
Sternpost } ÷ 2 = ... Mean
Gradual mean Sheer
Standard mean Sheer [Table, Para. 18] *34* Correction
Difference..... *55* ÷ 4 = *+13 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..... *1' 9 1/2"*
Correction for Length, if required (Para. 12, 13, and 14) *- 1 1/4"*
Freeboard by Table A, corrected for ~~sheer~~ and for length, if required (Para. 12, 13, and 14) } *4' 3 1/2"*
Difference *2' 7 1/4"*
Percentage as below..... *7.15%*
= 2 1/4"
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle, <i>30'-0" including wing</i>	<i>26 wings</i>	<i>27.06</i>	<i>6.0</i>
Bridge House			
† Raised Qr. Dk.			
Poop..... <i>17'-8"</i>	<i>17.66</i>		<i>6.0</i>
Total		<i>44.72 × 8 = 1.49 eighths</i>	
Length of Ship		<i>240</i>	
Corresponding percentage { <i>11.92 × 6/10 = 7.15%</i>			
(Para. 11, 12, 13, or 14)			

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—
Fresh Water Line above centre of Disc 4
Indian Summer Line " " *Amended Tables* 2 1/2
Winter Line below " *March, 1906.* 2 1/2
Winter North Atlantic Line " " " 4 1/2

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... *240*
Length in Table *262.5*
Difference *22.5*
Correction for 10ft., Table A. *1.2* Table C. *.6*
× Difference divided by 10 *2.70* (if required.) *1.35*
If 1/10ths length covered divide by 2

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer
allowed in reduced moulded depth

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships.....
Round of Beam..... *9"*
Normal round..... *9"*
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.

Freeboard, Table A *.79 coeff* *4' 6 1/4"*
Correction for Sheer *+ 1' 1 3/4"*
5' 8"
Correction for Length *- 2 3/4"*
5' 5 1/4"
Allowance for Deck Erections *- 2 1/4"*
5' 3"
Correction for Round of Beam..... ✓

Correction for fall in Sheer (if any)..... ✓
Correction for Iron Deck (if required) *allowed in M.D.*
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) † }
Other Corrections (if any) *Scantlings & Construction + 1' 2 1/2"*
& form of upper part of section
buoyancy calculation to be made
Winter Freeboard *6' 5 1/2"*
Summer Freeboard *6' 3"*
Indian Summer Freeboard *6' 0 1/2"*
N. A. Winter Freeboard *6' 7 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 *6' 9"*
Summer " " " *6' 4 1/2"*
Indian Summer " " " *6' 2"*
N. A. Winter " " " *6' 9"*

Winter Freeboard from deck line *6' 4 1/2"*
Summer " " " *6' 4 1/2"*
Indian Summer " " " *6' 2"*
N. A. Winter " " " *6' 9"*

† 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 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

† 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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