

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD. STEAM SHIPS.

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 GLASGOW  
Date of Survey 31<sup>st</sup> MAR 1930  
Name of Surveyor H. THOMSON.

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>BLYTHSWOOD S.B. CO LTD PROPOSED S.S.</u>	<u>BRITISH.</u>				<u>+ 100 AI CARRYING OIL IN BULK.</u> <u>(CONTEMPLATED) LONGITUDINAL FRAMING</u>
Number in Register Book					

Length on LOADLINE.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>425'-0"</u> <i>Reg.</i>	<u>57'-0"</u> <i>57.2 Reg.</i>	<u>32'-0"</u> <i>32.16 Reg.</i>	
		Frame Depth <u>9"</u>	Ceiling <u>+ 20</u>	Peak
		Rule <u>7"</u>	Sheer <u>+ 1.04</u>	Tanks
		<u>2" x 2" = 33'</u> <i>No Spacing + 33'</i>		<i>For D. B. and ordinary floors forward + ?</i>
CORRECTED DIMENSIONS.	<u>425'-0"</u>	<u>57'-2"</u>	<u>33'-4"</u>	

Moulded Depth as measured 32'-0"  
*Rule wood deck less stringer 3 1/4"*  
Addition for Keel below base line 31'-8 3/4" *to use*  
for draught record.....inches.

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 ..... .78 provisionally

Sheer { Stem..... 120 } 180 ÷ 2 = 90 ...Mean  
at { Sternpost ... 60 }  
Sheer at 1/3 of the length from { Stem GRADUAL } ÷ 2 = 49.5 ...Mean  
Sternpost 90" ÷ .55 = 90.0  
Gradual mean Sheer ..... 52.5" Correction  
Standard mean Sheer [Table, Para. 18] ..... 37.5" ÷ 4 = 9.375"  
Difference.....  
§ If limited as Para. 18 (f) ..... = -9 1/4"

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..... 5'-1 3/4" ✓  
Correction for Length, if required (Para. 12, 13, and 14) ..... + 3 1/2"  
5'-5 1/4" ✓  
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) ..... 8'-2" ✓  
Difference ..... 2'-8 3/4" ✓  
Percentage as below..... 22.93 ✓  
7.51 ✓

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ..... -7 1/2" ✓  
Allowance for Deck Erections ..... ✓

	Length.	Length allowed.	Height.
Forecastle.....	<u>38-0</u>	<u>38-0</u>	<u>7-5</u>
Bridge House .....	<u>30-0</u>	<u>30-0</u>	<u>7-5</u>
+ Raised Qr. Dk.....			
Poop.....	<u>38-0</u>	<u>38-0</u>	<u>7-5</u>
Total .....		<u>156-0</u>	
Length of Ship .....		<u>425-0</u>	
Corresponding percentage { (Para. 11, 12, 13, and 14) }		<u>22.93%</u>	

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

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

planking, or ceiling are of unusual thickness the breadth of vessel to inside be reported if possible.  
an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the R.Q.D. is to be taken from the level of the top of the amidship beam.  
the total standard mean sheer means the sheer measured at the stem and stern-  
ing poops and forecastles, it means the sheer measured at points distant  
vessel's length from stem and stern-post.

CORRECTION FOR IRON DECK.  
Proportion covered, if less than 1/10th length covered .....  
Thickness of usual wood deck, less stringer ..... Allowed in Mld Depth

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships..... 56'-0"  
Round of Beam ..... 14"  
Normal round..... 14"  
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 ..... 8'-4 1/4" ✓  
Correction for Sheer ..... -9 1/4" ✓  
Correction for Length ..... 7'-7" ✓  
Allowance for Deck Erections ..... + 7" ✓  
Correction for Round of Beam..... 8'-2" ✓  
Correction for fall in Sheer (if any)..... ✓  
Correction for Steel Deck (if required) ..... Allowed in reduced Moulded Depth ✓  
Additions for non-compliance with provisions of {  
Para. 11 (d) and (e) } ✓  
Other Corrections (if any) ..... ✓

Winter Freeboard ..... 7'-6 1/2" ✓  
Summer Freeboard ..... (5'-6 1/2") 5'-2" ✓  
Indian Summer Freeboard ..... 6'-7 1/2" ✓  
~~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 steel deck with side. 1 3/4"

Winter Freeboard from deck line, ..... 7'-8 1/4" ✓  
Summer " " " ..... 7'-2 3/4" ✓  
Indian Summer " " " ..... 6'-9 1/4" ✓  
~~N. A. Winter~~ " " " .....

Winter Freeboard from deck line, ..... 7'-3" ✓  
Summer " " " ..... 6" ✓  
Indian Summer " " " ..... 5 1/2" ✓  
~~N. A. Winter~~ " " " ..... 5 1/2" ✓

+ 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.

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Do all the Frames extend to the top height in the Poop? no Raised Quarter Deck? no Bridge House? no Forecastle? no

To what height do the Reverse Frames extend? none

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? no

Give particulars of the means for closing the openings in Bulkhead none

Is the Poop or Raised Quarter Deck connected with the Bridge House? no Has the Bridge House an efficient Bulkhead at the fore end? no

Give particulars of the means for closing the openings in Bulkhead hinged w. t. doors

What is the thickness of the Bridge Front plating? 1/2" and Coaming plate? 1/2"

Give scantlings and spacing of the Stiffeners none

Are bracket plates fitted at each end of the Stiffeners? no Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? no

Has the Bridge House an efficient Iron Bulkhead at the after end? no

How are the openings closed? sliding boards in channels riveted to side

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, or enclosed by a Strong Iron or Steel Deckhouse? covered by poop deck

If the openings are not so protected are the exposed parts of the Casings efficiently constructed? no

Give thickness of plating; scantlings and spacing of Stiffeners none

What is the height of the exposed Casings? none Are suitable means provided for closing all openings in them in bad weather? no

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of the Rules? Give particulars below:—

Position.										
Size.										
COAMING.	Height above top of DECK									
	Thickness { Sides.....									
	Ends.....									
SHIFTING BEAMS OR WEB PLATES.	Number .....									
	Section and Scantlings .....									
	Material .....									
* FORE AND AFTERS.	Number .....									
	Section and Scantlings .....									
	Material .....									
HATCHES Thickness .....										
Remarks.....										

\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.  
(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 keel 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? 1/2" Strake between Main and Bridge Sheerstrakes? 1/2"

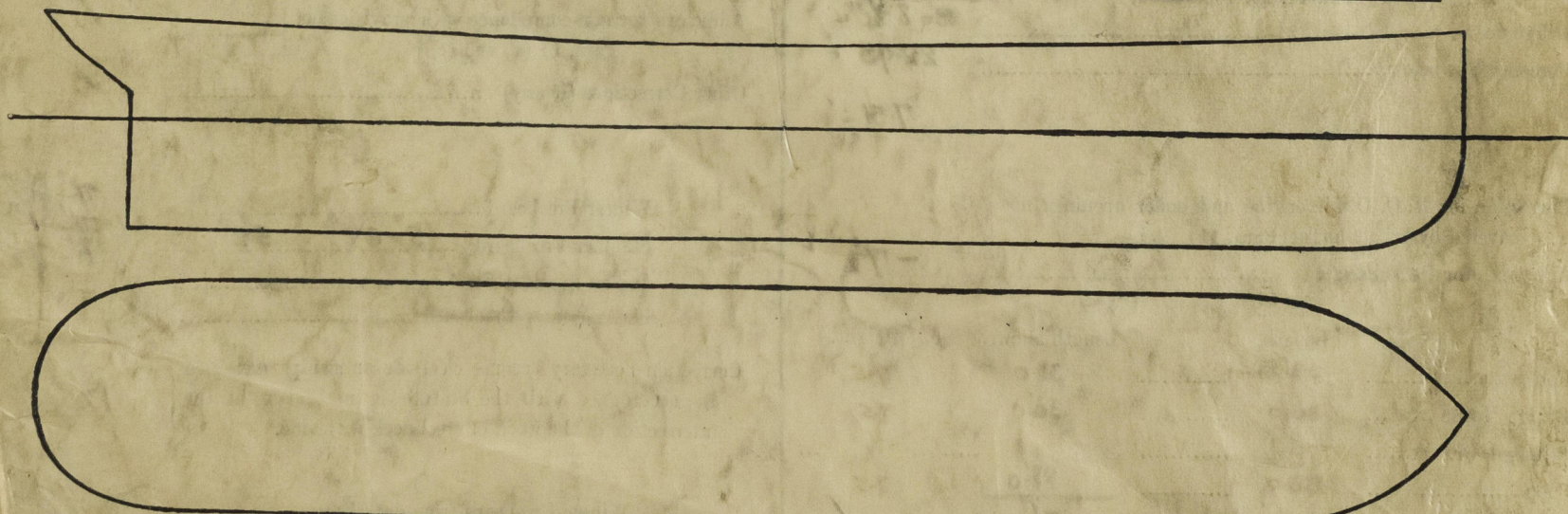
Delete the words { The Crew are, are not, berthed in the bridge house.  
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

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

Ft.	Tenths.	Ft.	Tenths.	No.	} Freeing Ports (each side of vessel)	= <u>                    </u> Sq. ft.
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>		
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>		

Total deficiency or excess =                      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 no sheathing on upper deck in way of freeboard markings  
excess of midship section, Profile & deck plans are enclosed for reference.

Builder's name and yard number W. B. & Co Ltd 12 (32)

Names of sister vessels                     

Owners Salter Trading Co Ltd

" Address London.

Fee £           

Received by me                     

Please forward copy of freeboard certificate