

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. STEAM SHIPS.

MOTOR
GLASGOW REPORT NO 50291

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 31st MAR 1930
Name of Surveyor H. THOMSON.

Ship's Name. <u>BLYTHSWOOD S.B. CO LTD PROPOSED S.S.</u>	Port of Registry and Nationality. <u>BRITISH.</u>	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification. <u>+ 100 A1 CARRYING OIL IN BULK. LONGITUDINAL FRAMING (CONTEMPLATED)</u>
Number in Register Book					

MLA Registered Dimensions from Ship's Register.	LENGTH. <u>425'-0"</u> <i>Reg.</i>	BREADTH. <u>57'-0"</u> <i>57.2 Reg.</i>	DEPTH. <u>32'-0"</u> <i>32.10 Reg.</i>	UNDER DECK TONNAGE.
Length on LOADLINE.	<u>425'-0"</u>	Frame Depth Rule <u>9"</u>	Ceiling Sheer <u>+ 1.20</u>	Peak Tanks
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 3/4"
Addition for Keel below base line for draught record 31'-8 3/4" *to use*

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>425'-0"</u>	Table C. <u>.8</u>
Length in Table	<u>380'-7 1/2"</u>	(if required.) <u>3'-5 1/4"</u>
Difference	<u>44'-2 1/2"</u>	
Correction for 10ft., Table A.	<u>1.6</u>	
× Difference divided by 10	<u>7.08"</u>	
If 1/10ths length covered divide by 2	<u>+ 7"</u>	<u>+ 3 1/2"</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered *Allowed in Mld Depths*
Thickness of usual wood deck, less stringer

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>56'-0"</u>
Round of Beam	<u>14"</u>
Normal round.....	<u>14"</u>
Difference	<u>- ÷ 2 =</u>
Proportion of Deck uncovered (Para. 19)	<input checked="" type="checkbox"/>

Freeboard, Table A	<u>8'-4 1/4"</u>
Correction for Sheer	<u>- 9 1/4"</u>
Correction for Length	<u>+ 7"</u>
Allowance for Deck Erections	<u>8'-2"</u>
Correction for Round of Beam.....	<u>- 7 1/2"</u>
Correction for fall in Sheer (if any).....	<u>7'-6 1/2"</u>
Correction for Steel Deck (if required)	<i>Allowed in reduced Moulded Depths</i>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<input checked="" type="checkbox"/>
Other Corrections (if any)	<input checked="" type="checkbox"/>

Freeboard, Table C.....	<u>5'-1 3/4"</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>+ 3 1/2"</u>
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14)	<u>5'-5 1/4"</u>
Difference	<u>8'-2"</u>
Percentage as below.....	<u>2'-8 3/4"</u>
	<u>22.93</u>
	<u>7.51</u>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	<u>- 7 1/2"</u>
Allowance for Deck Erections	
Winter Freeboard	<u>7'-6 1/2"</u>
Summer Freeboard	<u>7'-1 1/2"</u>
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 wood or steel deck with side. 1 3/4"

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

† 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.

Steel Deck:—	<u>7'-3"</u>
Fresh Water Line above centre of Disc	<u>6"</u>
Indian Summer Line " " " "	<u>5 1/2"</u>
Winter Line below " " " "	<u>5 1/2"</u>
Winter North Atlantic Line " " " "	

Co-efficient of fineness.....
Any modification necessary [Para. 4 (a) to (e)]*
Co-efficient as corrected78 provisionally

Block COEFF .772

Sheer { Stem..... 120 } 180 ÷ 2 = 90 ...Mean 36 | 37.5
at { Sternpost ... 60 } 1.04

Sheer at 1/3 of the length from { Stem GRADUAL } ÷ 2 = 49.5 ...Mean ÷ .55 = 90.0
Sternpost 90"

Gradual mean Sheer

Standard mean Sheer [Table, Para. 18]

Difference..... 37.5" ÷ 4 = 9.375" Correction

§ If limited as Para. 18 (f)

= -9 1/4"

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

Fall in Sheer { Para. 18 (d) } ÷ 2 = Correction

Length uncovered

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<u>5'-1 3/4"</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>+ 3 1/2"</u>
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14)	<u>5'-5 1/4"</u>
Difference	<u>8'-2"</u>
Percentage as below.....	<u>2'-8 3/4"</u>
	<u>22.93</u>
	<u>7.51</u>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	<u>- 7 1/2"</u>
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, or 14)			<u>= .3670</u>

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

planking, or ceiling are of unusual thickness the breadth of vessel to include be reported if possible.
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
keel's length from stem and stern-post.

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? no
 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? _____ 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? yes
 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? _____
 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 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.)

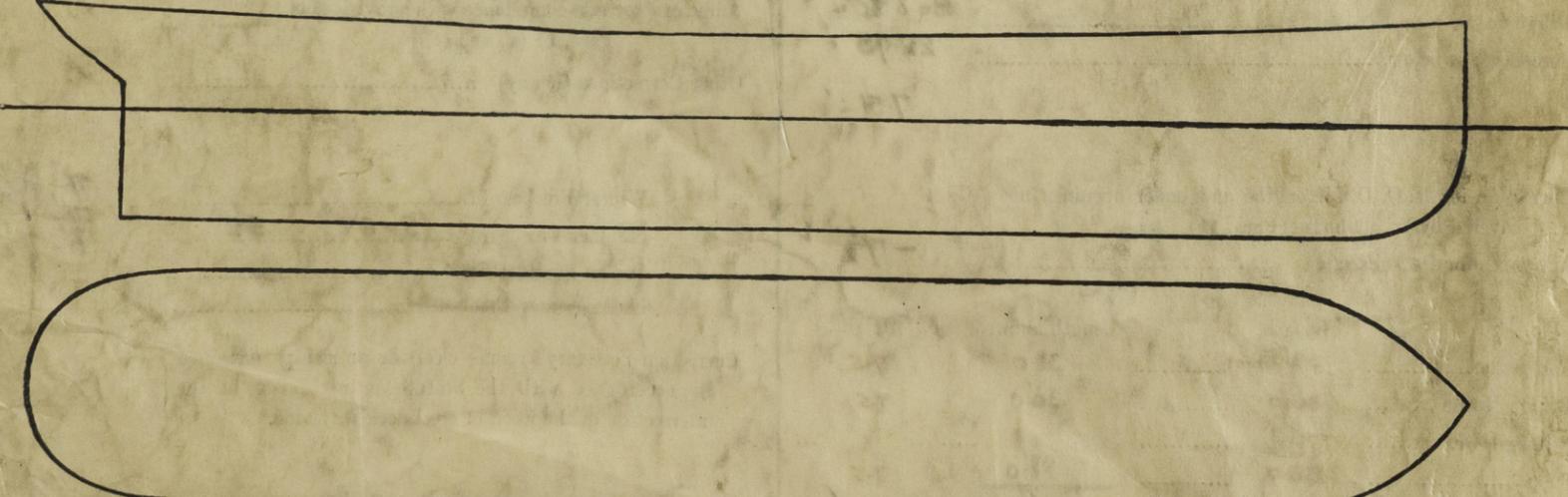
The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.
 What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____

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) = _____ Sq. ft.
	x		x		
	x		x		

 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 weathering on upper deck in way of foreward workings
upper of midship section, Profile & deck plans are enclosed for reference.

Builder's name and yard number Wigham & Co Ltd (32)

Names of sister vessels _____

Owners Salter Trading Co Ltd

Address London.

Fee £ _____ Received by me _____

Please forward copy of preboard certificate

