

Lloyd's Register of Shipping.

Index No. _____
(For London Office only.)

FRI. 14 FEB. 1919

REGULATIONS FOR SURVEYS FOR FREEBOARD.—STEAM SHIPS.

REGULATIONS RELATING TO ALL STEAM SHIPS WITH COMPLETE SHELTER DECK EITHER FLUSH DECKED, OR WITH GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE. MEASUREMENTS APPROXIMATE AS SUPPLIED BY BUILDERS.

Port of Survey DUNDEE
Date of Survey 13th FEBRUARY 1919.
Name of Surveyor A. W. Paterson

Ship's Name S. B. & E. Co. Ltd.
S. No. 254
Port of Registry and Nationality BRIT.
Official Number _____
Gross Tonnage _____
Date of Build 1919
Particulars of Classification 1100A1. SHELTER DECK WITH FREEBOARD, CONTEMPLATED.

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
400.6	52.4	26.95 35.04	4510.39 6000
400.0	52.07	35.69	6000

Moulded Depth as measured 29.6" to upper dk
37.7" to shelter dk
Addition for Keel below base line 3 1/2"
for draught record.....inches. 37.7"

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.....	400.0	400
Length in Table	447.5	451
Difference	47.5	51
Correction for 10ft., Table A.	1.7	1.7
× Difference divided by 10	8.07 (if required.)	5.1
If $\frac{1}{10}$ ths length covered divide by 2	-8.34	-8.34
		4.08

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered COMPLETE SHELTER DK.
Thickness of usual wood deck, less stringer

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 52.0
Round of Beam..... 13"
Normal round..... 13
Difference..... $\div 2 =$
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	<u>10.94</u>
Correction for Sheer	<u>2.5</u>
Correction for Length	<u>8.34</u>
Allowance for Deck Erections	<u>9.10</u>
Correction for Round of Beam.....	<u>✓</u>
Correction for fall in Sheer (if any).....	<u>✓</u>
Correction for Iron Deck (if required) <u>In. cold depth</u>	<u>✓</u>

Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

Winter Freeboard 9.134
Summer Freeboard 6.5
Indian Summer Freeboard 8.72
N. A. Winter Freeboard

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood~~ iron deck with side.

Winter Freeboard from deck line 9.33
Summer " " " " 8.9
Indian Summer " " " "

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.

Stem 46
Sternpost 20.5
 $46.5 \div 2 = 33.25$ Mean
Mean Sheer 60.45
Mean Sheer [Table, Para. 18] 50
Difference..... $10.45 \div 4 = 2.61$
as Para. 18 (f) -2 1/2

At front of bridge house.....
At after end of forecastle.....
Correction

ALLOWANCE FOR DECK ERECTIONS:—

Table C.....	7.62	7.42
Length, if required (Para. 12, 13, and 14)4	—
Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	7.22	7.1
below.....	9.10	9.11
	2.72	2.10
	31.65	2.72
	= 10.05	
	2.5	
	7.55	

Length.	Length allowed.	Height.
<u>148</u>	<u>148</u>	
<u>198</u>	<u>198</u>	
<u>400</u>	<u>400</u>	<u>.495</u>

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 " " " "

When the keel or ceiling are of unusual thickness the breadth of vessel to inside should 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-
poops and forecastles, it means the sheer measured at points distant
equal to the vessel's length from stem and stern-post.

FRAMES EXTEND TO SHELTER DECK

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

To what height do the Reverse Frames extend?

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

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? Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?

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:— **TO BE AS PER RULE**

Position and Size.		Ship.	Rule.								
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.....										

TO BE AS PER RULE

* 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 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.

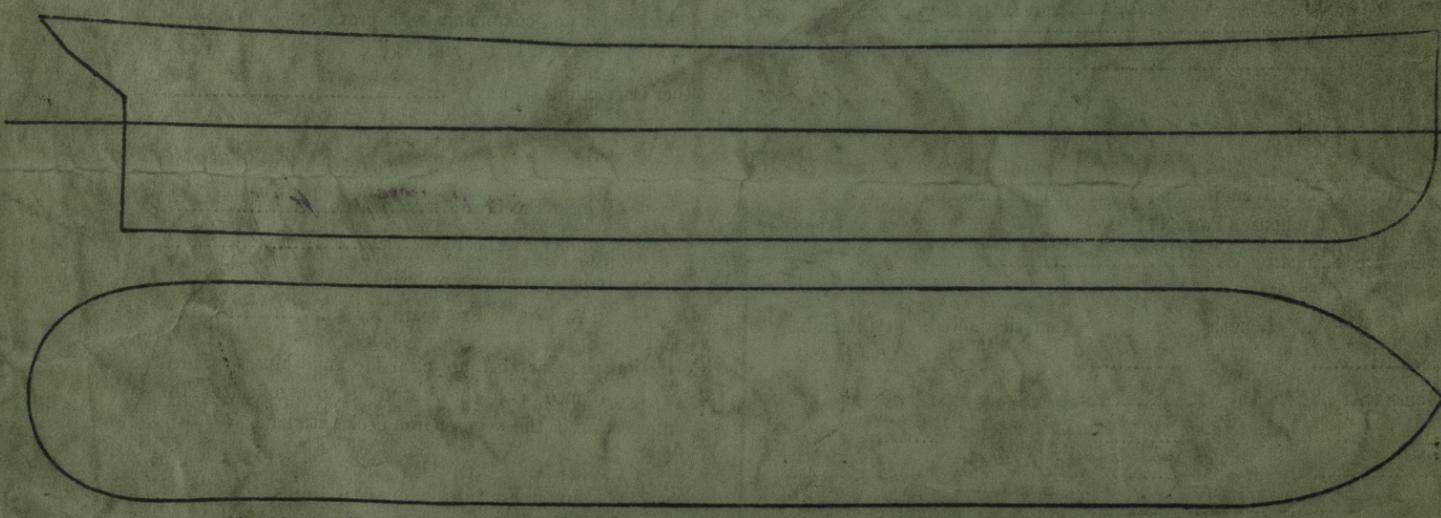
What is the thickness of the Bridge Sheerstrake? Strake between Main and Bridge Sheerstrakes?

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. Tenth.	Ft. Tenth.	No.	} Freeing Ports (each side of vessel) = <input type="checkbox"/> Sq. ft.
x	x	x	
x	x	x	} Total deficiency or excess = <input type="checkbox"/> 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 **SHELTER DECK - NO TONNAGE OPENINGS.**
FREEBOARD REQUEST FORM ENCLOSED. — PLANS ALREADY IN LONDON FOR APPROVAL.

Owners **MESSRS. F. LEYLAND & Co. LD.**
 „ Address **LIVERPOOL.**

Fee £ Received by me

