

# Lloyd's Register of Shipping

## SURVEYS FOR FREEBOARD - STEAM SHIPS.

**B.T. CO. WRITTEN**  
Beluca 30368  
Syd 17735

APPLICABLE TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Adelaide S.A.  
Date of Survey Nov 7 1921  
Name of Surveyor A.C. Horn & Co. Fairclough

Ship's Name S.S. "EURIMBLA"  
Number in Register Book 3014

Port of Registry and Nationality Sydney British  
Official Number 150170  
Gross Tonnage 3350 64  
Date of Build 11-21

Particulars of Classification  
100-A1 Shellie Deck  
with Freeboard contemplated

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>331-0</u>	<u>44-9</u>	<u>23-6</u>	<u>3014.51</u>
Length on LOADLINE.	<u>330-5</u>	Frame Depth Rule <u>5 1/2</u>	Ceiling <u>4.20</u> Sheer <u>+47</u>	Peak Tanks
CORRECTED DIMENSIONS.	<u>330-5</u>	<u>44-49</u>	<u>24.27</u>	<u>3014.37</u>

Moulded Depth as measured 26-1  
Addition for Keel below base line 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..... .79  
Any modification necessary [Para. 4 (a) to (e)]\* .02 Double bottom  
Co-efficient as corrected ..... .77

CORRECTION FOR LENGTH.  
Length of Ship on Loadline 330-5  
Length in Table ..... 313.0  
Difference ..... 17.5  
Correction for 10ft., Table A. 1.4 Table C.  
x Difference divided by 10 ... 2.46 (if required.)  
If 1/10ths length covered divide by 2 + 1.22 + 1 1/4 ✓

Sheer at 1/4 of the length from Stem 46 5/8  
Sternpost 29 3/4  
Mean 38-18

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

Gradual mean Sheer ..... 59.95  
Standard mean Sheer [Table, Para. 18] ..... 43.05  
Difference..... 16.90  
Correction 4.25

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships..... 44-9  
Round of Beam ..... 12  
Normal round..... 12  
Difference ..... 0  
Proportion of Deck uncovered (Para. 19) .....

NOTE - The round of beam should be reported on the full breadth of vessel the gunwale.

§ If limited as Para. 18 (f) .....  
Sheer 1/4 L from Stem runs out at 1/4 L from S. Post. 170.75  
Mean 85 3/8

Freeboard, Table A ..... 5-11 3/4  
Correction for Sheer ..... 4 1/4  
Correction for Length ..... 1 1/4  
Allowance for Deck Erections ..... 2 6 1/4  
Correction for Round of Beam.....  
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) .....

Length of Straight Amidships 160 ft  
Length uncovered .....

ALLOWANCE FOR DECK ERECTIONS :-  
Freeboard, Table C..... 2-11 1/2  
Correction for Length, if required (Para. 12, 13, and 14) .....  
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) ..... 5-7 1/2  
Difference ..... 2-8  
Percentage as below..... 94.3%  
= 30.17

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) .....  
Allowance for Deck Erections ..... 30 1/4

	Length.	Length allowed.	Height.
Forecastle.....	<u>297.5</u>	<u>297.5</u>	<u>4-1</u>
Bridge House.....	<u>4-0</u>		<u>4-6 3/4</u>
† Raised Qr. Dk.....			
Poop.....	<u>28-0</u>	<u>28-5</u>	
Total.....	<u>330-5</u>	<u>328-2 1/2</u>	<u>4-1 1/4</u>
Length of Ship.....		<u>328-2 1/2</u>	
Corresponding percentage (Para. 11, 12, 13, or 14).....		<u>330-5</u>	<u>= 99.3</u>

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 " " "

Winter Freeboard ..... 2-11  
Summer Freeboard ..... 2-6  
Indian Summer Freeboard ..... 2-1  
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 iron deck with side. 1 3/4  
Winter Freeboard from deck line ..... 2-0 3/4  
Summer " " " " ..... 2-4 3/4  
Indian Summer " " " " ..... 2-2 3/4  
N.A. Winter " " " " .....  
2-4 1/2

† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
‡ 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.

MARKING REPORT  
RECEIVED 15 MAY 1925  
Lloyd's Register Foundation

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Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*  
 To what height do the Reverse Frames extend? *Shelter Deck*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes Shelter Deck*  
 Give particulars of the means for closing the openings in Bulkhead  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *Yes* 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? *Yes* 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? *Louvre opening only in Bulkheads Storm boards in Columns*  
 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?  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Yes Shelter Deck and Steel Casings*  
 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? *Yes* 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:— *Yes*

Position and Size.	No. 1 24.0 x 23.0		No. 2 33.4 1/2 x 23.0		No. 3 8.7 1/2 x 19.0		No. 4 38.4 1/2 x 23.0		No. 5 24.3 x 23.0	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"
Thickness	Sides	.60	.60	.60	.60	.60	.60	.60	.60	.60
	Ends	.40	.40	.40	.40	.40	.40	.40	.40	.40
SHIFTING BEAMS OR WEB PLATES.	Number	4	5	1	5	4				
	Section and Scantlings	2" x .38	2" x .38	2" x .38	2" x .38	2" x .38	2" x .38	2" x .38		
	Material	M. Steel	M. Steel	M. Steel	M. Steel	M. Steel	M. Steel	M. Steel		
* FORE AND AFTERS.	Number									
	Section and Scantlings	None	None	None	None	None	None	None		
	Material									
HATCHES Thickness	3"	3"	3"	3"	3"	3"	3"	3"		
Remarks	Oregon Pine	Oregon Pine	Oregon Pine	Oregon Pine	Oregon Pine	Oregon Pine	Oregon Pine	Oregon Pine		

\* 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.)

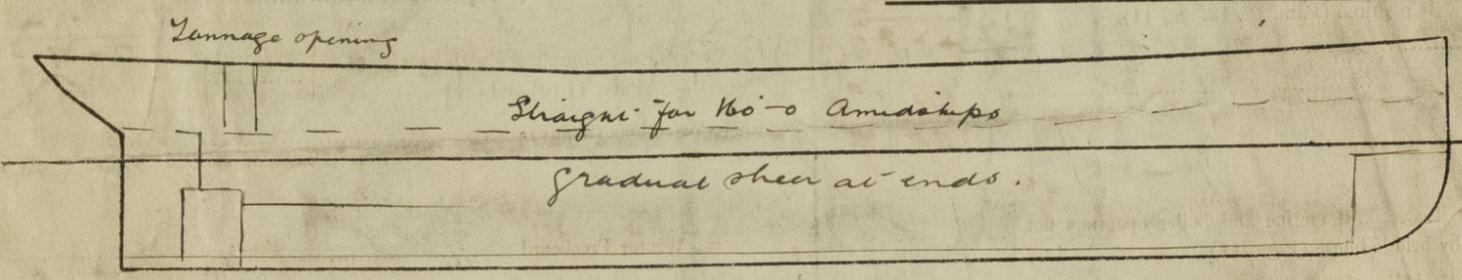
The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? *5/4* Strake between Main and Bridge Sheerstrakes? *5/4*

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 *all Amidships between deck erections on Shelter Deck = 39 ft.*  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *Sq. ft. Open Port on Shelter Deck*

	Ft.	Tenths.	Ft.	Tenths.	No.		Sq. ft.	
<i>Shelter Deck</i>	2.5		1.25		3	Freeing Ports (each side of vessel)	9.375	
<i>Bulwarks Amidships</i>	2.25		1.25		1			
<i>Louvre opening aft upper deck</i>								2.8
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 *None.*  
 Sister vessels, *Emilia Eudunda Eirelia Enoggera Cromanga Echuca*

Owners *The Commonwealth Govt. Line of Steamers.*

Address *447. Collins St. Melbourne Australia*

Fee £ *9 : 0 : 0* Received by me *See F.C. Rpt.*

