

Rpt. 11b

Sydney 30368

SAI JAN 27 1922

Index No. 30371
(For London Office only)Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
TALL GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
WITH 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*

Particulars of Classification.

100-A1. Shellier Deck.
*with Freeboard Contemplated*Ship's Name.
*S.S. "EURIMBLA"*Port of Registry
and Nationality.
Sydney
*British*Official
Number.
*150170*Gross
Tonnage.
*3350.64*Date of Build.
11-21

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>331-0</i>	<i>44-9</i>	<i>23-6</i>	<i>3014.51</i>
Length on LOADLINE.	<i>330-5</i>	Frame Depth <i>8</i> Rule " <i>5 1/2</i> <i>2 1/2</i> <i>-41</i>	Ceiling <i>4.20</i> Sheer <i>+47</i> <i>level</i> <i>link</i>	Peak Tanks
CORRECTED DIMENSIONS.	<i>330-5</i>	<i>44-49</i>	<i>24.27</i>	<i>3014.37</i>

Co-efficient of fineness..... *.79*
Any modification necessary { *.02 Double bottom*
[Para. 4 (a) to (e)]*
Co-efficient as corrected *.77*Sheer at Stem..... *170.75*
at Sternpost... *69.25 ÷ 2 = 85 3/4 ... Mean*
Sheer at 1/2 of the length from Stem *46 5/8*
Sternpost *29 3/4* *46.37 ÷ 2 = 23.18 ... Mean*
Gradual mean Sheer *Noted* *59.95*
Standard mean Sheer [Table, Para. 18] *43.05*
Difference..... *16.90* Correction *÷ 4 = 4.25*

§ If limited as Para. 18 (f)

*Sheer 1/2 L from Stem runs out at 1/2 L from S. Post. Limit*Rise in Sheer { At front of bridge house.....
from amidships {
[Para. 18 (e)] { At after end of forecastleFall in Sheer {
Para. 18 (d) {
Length uncovered*Length of Straight Amidships*
÷ 2 = 160 ft.

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*
*2-8*Difference *94.3%*
Percentage as below..... *= 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.....	<i>297.5</i>	<i>297.5</i>	<i>4-1</i>
Bridge House.....	<i>4-0</i>		<i>4.63</i>
† Raised Qr. Dk.....			
Poop.....	<i>28-0</i>	<i>28-5</i>	
Overhang.....	<i>1-0</i>	<i>326-0</i>	
Total.....	<i>330-8</i>	<i>2.25 1/2 Off</i>	<i>4-1 1/2</i>
Length of Ship		<i>328-25</i>	
Corresponding percentage { (Para. 11, 12, 13, or 14) <i>94.3%</i>		<i>330-5</i>	<i>= 993</i>

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 " " "If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside
of ceiling should be reported if possible.
Vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amid-
ships 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.Moulded Depth as measured. *26-1*Addition for Keel below base line
for draught record.....inches.

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.
× Difference divided by 10 ... *2-46* (if required.)
If 1/10ths length covered divide by 2 *+ 1-22 + 1 1/4* ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered *Shellier*
Thickness of usual wood deck, less stringer *3 1/2* ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *44-9*
Round of Beam *12*
Normal round..... *12*
Difference *÷ 2 =*
Proportion of Deck uncovered (Para. 19)NOTE.—The
round of beam
should be report-
ed on the full
breadth of vessel
the gunwale.Freeboard, Table A *5-11 3/4*
Correction for Sheer *4 1/4*
5-4 1/2
Correction for Length *1 1/4*
5-8 3/4
Allowance for Deck Erections *2 6 1/4*
3-2 1/2
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) *3 1/2*
2-11
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) †
Other Corrections (if any)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*

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.MARKING REPORT
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Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *No* Bridge House? *No* Forecastle? *No*

To what height do the Reverse Frames extend? *Sheltered Type Shelter deck*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes Shelter deck fore end opening*

Give particulars of the means for closing the openings in Bulkhead

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

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

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? *No*

Has the Bridge House an efficient Iron Bulkhead at the after end?

How are the openings closed? *Fore end opening only in Bulkheads Storm boards in Cabin ends*

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? *No*

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? *2' 6"* Are suitable means provided for closing all openings in them in bad weather? *Yes*

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 38' 7 1/2" x 18' 0"		No. 4 38' 4 1/2" x 23' 0"		No. 5 24' 3" x 23' 0"	
COAMING.	Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
	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	.60
	Ends	.40	.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	
	Material	St. Steel		St. Steel		St. Steel		St. Steel		St. Steel	
* FORE AND AFTERS.	Number										
	Section and Scantlings	None		None		None		None		None	
	Material										
HATCHES	Thickness	3"		3"		3"		3"		3"	
	Remarks	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? *5/8"* Strake between Main and Bridge Sheerstrakes? *5/8"*

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 sections on Shelter deck = 39 ft.*

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

Shelter deck *2.5* Ft. Tenth. *1.25* Ft. Tenth. *3* No.

Bulwarks *2.5* x *1.25* x *3*

Fore end opening *2.25* x *1.25* x *1*

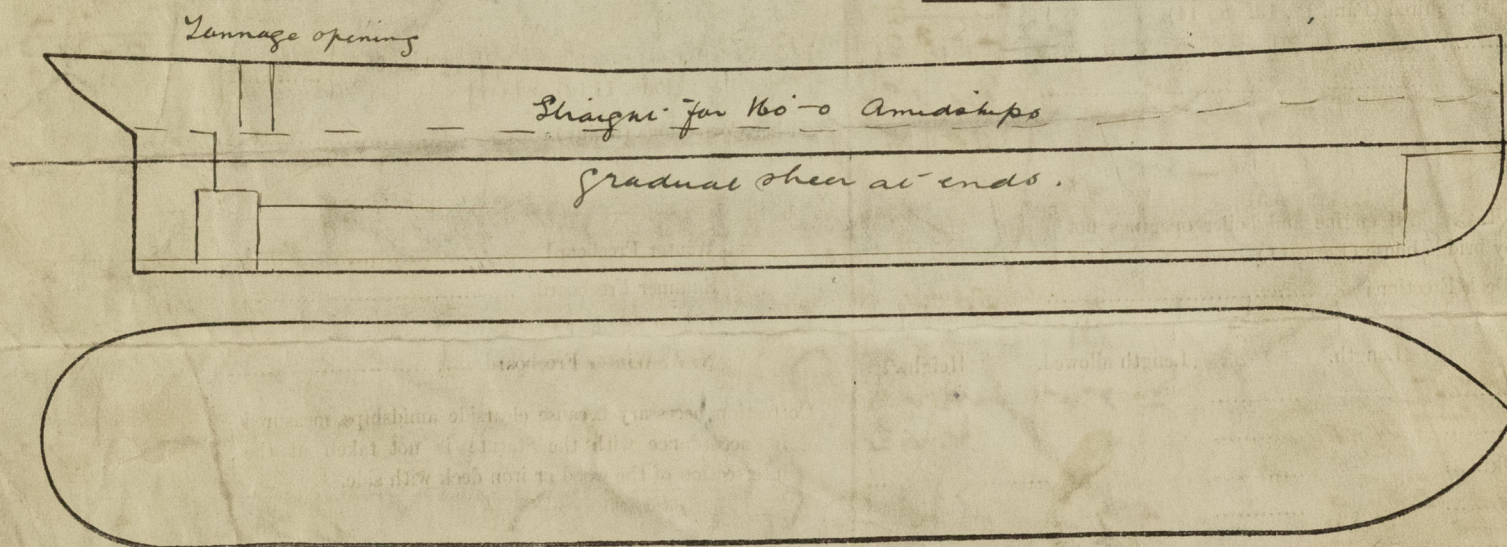
Aft *2.25* x *1.25* x *1*

Freeing Ports (each side of vessel) =

Sq. ft. *Open port on Shelter deck 8-4" Stoppers Shelter deck each side 5.4* Sq. ft. *Open port on Shelter deck 2.8* *Well 24.3" x 1.3"*

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*

List vessels, *Emilia Endunda Eureka Enoggera Bromanga 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.*



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