

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

No. 819.

Port of Adelaide S.A. Date of completion of Report June 4<sup>th</sup> Received at London Office TUE. 25 JUL. 1922  
Survey held at Port Adelaide S.A. Date, First Survey 16<sup>th</sup> October 1920 Last Survey June 3<sup>rd</sup> 1922  
On the (State if Single, or Double) S.S. "EUWARRA" Rig Two pole masts

TONNAGE under  
Tonnage Deck 3012.15  
Do. between Tonnage Dk. and  
3rd, 4th, or Awning Dk. 105.18  
Total under Upper Dk. 3012.15  
Do. of Poop 105.18  
Do. of R. Qr. Dk. 24.56  
Do. of Bridge House 39.52  
Do. of Forecastle 167.81  
Do. of Houses on Deck 2348.92  
Do. above Crown of  
Engine Room 218.48  
Gross Tonnage 3134.94  
Less Crew Space 1041.65  
Less above Crown of  
Engine Room 156.05  
TONNAGE FOR FEES... 3134.94  
Less Engine Room 1041.65  
Less Navigation Spaces 156.05

CLASS 100 A1 Shelter Dk. with pbd. FEET.  
Breadth (greatest moulded) 47.95  
Depth, at middle of length from top of keel to top of  
beams at side of uppermost Continuous Deck 33.64  
Deduct height of 'tween deck when this does not exceed 8ft. 4.56  
Transverse Number 73.83  
Length on deck from fore part of stem to after part of  
sternpost 331.0  
Longitudinal Number 24487.0  
Depth "d" at middle of length. See Secs. 2 & 13... 22.58  
Proportions, Depths to Length, Uppermost Continuous  
Deck at side to top of keel 9.8  
" " " Upper Deck at side  
to top of keel 12.7

Master ✓  
Year of Appointment (1) As Master in service of  
owner of present vessel;—19...  
(2) As Master of this  
vessel;—19...  
Built at Osborne Port Adelaide S.A.  
When built 1922 Launched Dec 17 1921  
By whom built Messrs. Porter & Smith  
Owners Commonwealth Govt. Australia  
Managers Commonwealth Line of Steamers  
(Where necessary to be entered in Reg. Book.)  
Residence 447 Collins St Melbourne  
Port belonging to Newcastle N.S.W.  
ways. Both

Register Tonnage  
as cut on Beam... 1907.24

Destined Voyage Not Known

If Surveyed while Building, Afloat, or in Dry Dock Both

LENGTH on	Ft.	Ins.	BREADTH	Ft.	Ins.	DEPTH, ACTUAL	Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid
Deck as per Rule	331.0		Moulded	47.9		Do.	do. Upper Deck Beams	31.28	7	2
Dimensions of Ship per Register,			Awn. or Shelter Dk.			Moulded depth, ft. 33. ins. 7 3/4 To Awning or Shelter Dk.			Round up of Uppermost	
Length			breadth			Upper Deck.			Dk. Beam, Actual	
			depth			Moulded depth, ft. 26 ins. 1 To Upper Dk.			11 1/4	

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, or $\nabla$ or $\angle$ Bars, amidships	Longitudinal					
Do. in peaks	7	3 1/2	385	7	3 1/2	385
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	375	3 1/2	3 1/2	375
" " " "	3 1/2	3 1/2	375	3 1/2	3 1/2	375
Spacing of Frames from centre to centre amidships	28	Bottom	28	Bottom		
" length to collision bulkhead	27	Sides	27	Sides		
" of Frames from centre to centre in peaks	24	Bottom	24	Bottom		
REVERSED FRAME, Angles						
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	375	3 1/2	3 1/2	375
" " at intermdt. Bkts.	3 1/2	3 1/2	375	3 1/2	3 1/2	375
FRAMING, depth of girder	23 1/2	46	23 1/2	46		
FLOORS, depth and thickness of Floor Plate	42	40	42	40		
at mid-line for 1/2 length amidships						
" in way of Engine and Boiler spaces	40	30	40	30		
" thickness at the ends of vessel		34		34		
" depth at 1/2 the half-bdth. as per Rule	39 3/4		39 3/4			
" height extended at the Bilges						
FLOORS, in Cell Double Bottoms	40		40			
" state if flanged (top and bottom)	10		10			
" spacing of Solid	5 1/2	6 3/4	5 1/2	6 3/4		
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	42	48	38	42	48	38
" Angles, Top	6	6	60	6	60	60
" Bottom	6	6	60	6	60	60
" to Floors	6	6	7 1/2	6	6	7 1/2
" Brackets at intermdt. frmng. width & thkness						
IDE GIRDERS, number and thickness	One	36	34	One	36	34
" state if flanged (top & bottom)	No		No			
" Angles	3 1/2	3 1/2	3	3 1/2	3 1/2	3
MARGIN PLATE, depth (exclusive of flange)	42	42	42	42		
and thickness						
" Angles to outside plating	3 1/2	3 1/2	7 1/2	3 1/2	3 1/2	7 1/2
" to floors	6	3 1/2	7 1/2	6	3 1/2	7 1/2
" Brackets at intermdt. frmng. width & thkness						
" Height of Brackets above at bilge	36		36			
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36	46	38	36	46	38
" thickness in Engine and Boiler space	46	54	46	54		
" Remainder in Holds	46	54	46	54		
AMS, Awning or Shlter Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	11	11	11	11	11	11
Spacing	8	8	8	8	8	8
AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	14	14	14	14	14	14
Spacing	8	8	8	8	8	8
AMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						
Angles on upper edge						
Spacing						
AMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	6	3 1/2	32	6	3 1/2	32
Angles on upper edge						
Spacing						
AMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
Angles on upper edge						
Spacing						
AMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
Angles on upper edge						
Spacing						

PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
PILLARS, In 'tween Deck, size and spacing	3 1/2	4 1/2	5	3 1/2	4 1/2	5
" " Hold	3 1/2	4 1/2	5	3 1/2	4 1/2	5
" Quarter, 'tween Dks., "	3 1/2	4 1/2	5	3 1/2	4 1/2	5
" " in Hold	3 1/2	4 1/2	5	3 1/2	4 1/2	5
KEELSONS AND STRINGERS.						
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
" Rider Plate						
" Flat Keel Plate Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles						
SIDE KEELSONS, Number						
" Angles or Bulb Angles						
" Plate above floors, for						
" Intercoastal Plate, for						
" Attached to outside plating with Angle						
BILGE KEELSON, Angles						
" Intercoastal Plate, for						
" Attached to outside plating with Angle						
SIDE STRINGERS, Number						
" Angle						
" Intercoastal Plate, for						
" Attached to outside plating with Angle						
Awning or Shelter Deck Stringer Plates, breadth and thickness	58	70	32	58	70	32
" Angle on ditto	6	6	6	6	6	6
" Tie Plates, fore and aft, outside Hatchways	7 1/2	3 1/2	3 1/2	7 1/2	3 1/2	3 1/2
" Deck, * Iron or Steel, for Whole	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
" Wood Deck, Material & thickness	5 1/2	4 1/2	4 1/2	5 1/2	4 1/2	4 1/2
Upper Deck Stringer Plate, breadth and thickness	5 1/2	4 1/2	4 1/2	5 1/2	4 1/2	4 1/2
" Angles on ditto, No.	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
" Tie Plates, outside Hatchways	4 1/2	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2
" Deck, * Iron or Steel, for Whole	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
" Wood Deck, Material & thickness	5 1/2	4 1/2	4 1/2	5 1/2	4 1/2	4 1/2
Second Deck Stringer Plates, br'dth & thkness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck, * Material and thickness						
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck, Material and thickness						
Poop Deck Stringer Plate, breadth & thickness						
" Angles on ditto						
" Tie Plates						
" Deck, Material and thickness						
Bridge Deck Stringer Plate, br'dth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck, Material and thickness						
Forecastle Deck Stringer Plate, br'dth & th'kness						
" Angle on ditto						
" Tie Plates						
" Deck, Material and thickness						



WEB FRAMES. In Fore Body, No. and spacing. WEB-FRAMES, In E. & B. Space, No. & spacing. WEB-FRAMES, In After Body, No. and spacing. BULKHEADS. W.T. BULKHEADS. COLLISION. PARTITION. PLATING. STRAKES. RIVETING. BUTTS. EDGES. RIVETS. STRAPS. IF LAPPED.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES.				BUTTS.				RIVETS.				STRAPS.				IF LAPPED.			
	Amidship.	Forward.	Aft.	Amidship.	Amidship.	Forward.	Aft.	Amidship.	Single or Double.	Breadth of Lap.	Thickness.	Length.	Single or Double.	Breadth of Lap.	Thickness.	Length.	Single or Double.	Breadth of Lap.	Thickness.	Length.	Single or Double.	Breadth of Lap.	Thickness.	Length.	Single or Double.	Breadth of Lap.	Thickness.	Length.
FLAT PLATE KEEL.	36"	90"	80"	64"	36"	90"	80"	64"	Double	6"	1"	3 1/2"	Double	6"	1"	3 1/2"	Double	6"	1"	3 1/2"	Double	6"	1"	3 1/2"	Double	6"	1"	3 1/2"
GARBOARD OF A STRAKE.	62"	54"	80"	48"	62"	54"	80"	48"	"	5 1/2"	3/8"	3 1/2"	"	5 1/2"	3/8"	3 1/2"	"	5 1/2"	3/8"	3 1/2"	"	5 1/2"	3/8"	3 1/2"	"	5 1/2"	3/8"	3 1/2"
B	61 1/2"	54"	80"	48"	61 1/2"	54"	80"	48"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
C	61 1/2"	54"	80"	48"	61 1/2"	54"	80"	48"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
D	61 1/2"	54"	80"	48"	61 1/2"	54"	80"	48"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
E	59 1/2"	54"	80"	48"	59 1/2"	54"	80"	48"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
F	59 1/2"	54"	80"	48"	59 1/2"	54"	80"	48"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
G	59 1/2"	54"	80"	48"	59 1/2"	54"	80"	48"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
H	59 1/2"	54"	80"	48"	59 1/2"	54"	80"	48"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
J	60 3/8"	54"	80"	48"	60 3/8"	54"	80"	48"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
K	56 1/2"	54"	80"	48"	56 1/2"	54"	80"	48"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
L	49"	54"	80"	48"	49"	54"	80"	48"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
M	49"	54"	80"	48"	49"	54"	80"	48"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
N	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
O	A. Strake.	80"	"	"	Double.	6"	1"	4"	Double.	6"	1"	4"	"	6"	1"	4"	"	6"	1"	4"	"	6"	1"	4"	"	6"	1"	4"
P	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Q	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
R	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
T	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
U	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
V	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
W	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"

FRAMES extend in one length from to. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts. Rigging. Sails.

EQUIPMENT No. 26528 LETTER V ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. The foregoing is a correct description. Builder's Signature. Correspondence. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Are the rivets between the frames and plates solid single pieces? Are the butts of plating, stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. This vessel has been built under special survey, in accordance with the rules and regulations and approved plans, of good material and workmanship, and is now eligible in our opinion to have Record in the Register Book No. 100 A.I. Shell Plating Deck with freeboard. Adelaide. 6.22. The Surveyor should state the Number of Report and Name of any Sister Vessel. Freeboard Fee. The amount of Entry Fee. Special Survey Fee. Travelling Expenses. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned.



GENERAL

Rpt. 1\*.

## PARTICULARS OF LONGITUDINAL FRAMING. S.S. "EUWARA"

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.										
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.						
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.	Number.	Diameter.						
Framing of $\pm$ , L or $\pm$ <i>Shelter Deck</i>		8	3 1/2	3 7/8	8	3 1/2	3 7/8	8	3 1/2	3 7/8	8	3 1/2	3 7/8	8	3 1/2	5 1/4	9	7/8						
Frames in Bridge 'tween Decks...		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"						
Frames from Uppermost Continuous Deck		8	3 1/2	3 7/8	8	3 1/2	3 7/8	8	3 1/2	3 7/8	8	3 1/2	3 7/8	8	3 1/2	5 1/4	"	"						
Framing from <i>Awning, Shelter or Upper Deck</i> to Margin Plate.		"	2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"						
		"	3	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"						
		"	4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"						
		"	5	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"						
		"	6	"	40	"	"	40	"	"	40	"	"	40	"	"	"	"						
		"	7	"	46	"	"	46	"	"	46	"	"	46	"	"	"	"						
		"	8	9	3 1/2	44	9	3 1/2	44	9	3 1/2	44	9	3 1/2	44	"	4 3/8	for 10 rivets	"					
		"	9	9	3 1/2	48	9	3 1/2	48	9	3 1/2	48	9	3 1/2	48	"	"	"	"					
		"	10	8	3 1/2	3 7/8	8	3 1/2	3 7/8	8	3 1/2	3 7/8	8	3 1/2	3 7/8	5 1/4	3 1/2	for 4 Rivets	"					
		"	11	8	3 1/2	3 7/8	8	3 1/2	3 7/8	8	3 1/2	3 7/8	8	3 1/2	3 7/8	5 1/4	5	20	"					
		"	12																					
		"	13																					
		"	14																					
		"	15																					
		"	16																					
		Spacing of Longitudinal Frames		Amidships			26			27			26											
		At Ends			26			26			26													
Double Bottoms		Tank Top Longitudinals			8			3 1/2			3 7/8			8			3 1/2			3 7/8			4 3/8 for 4 Rivets	
		Bottom			"			"			"			"			"			"			3 1/2 for 4 Rivets	
Spacing of Longitudinals		Amidships			28			21			21			21										
		At Ends...			21			21			21													
Transverses.														Rivets in Lugs to Shell Diam. Speng.										
In Bridge		Depth and Thickness																						
'tween Decks		Face Angles																						
		Lugs to Shell																						
In <i>Awning, Shelter or</i>		Depth and Thickness																						
Decks.		Face Angles																						
		Lugs to Shell																						
In Hold.		Depth and Thickness																						
		Face Angles																						
		Lugs to Shell																						
		Brackets																						
Spacing of Transverse Frames		State if jogged or liners.																						
Longitudinal Beams of $\pm$ , L or $\pm$		Bridge Deck												Spacing.		In Ships.		As approved.						
		Awg. or Shltr. Dk.												36		Shelter Deck		11 x 38 3 1/2 x 7/8						
		Upper														Transverse		8 x 2 1/2 x 46 3 1/2						
		Second														Beams.		3 1/2 x 2 1/2 x 7/8 3 1/2						
		Third														Upper Deck		14 x 40 8 x 3 1/2 x 5 1/4						
																Between Hatchways		8 x 3 1/2 x 46 8 x 3 1/2 x 46						

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

5c.4.19.—T.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Becks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 2 Decks Steel Web framing Longitudinal Framing

Official No. ; Signal Letters .

State if Machinery is fitted aft

How are the surfaces preserved from oxidation? Inside Paint, Cement, Bitumastic Butters &amp; Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. Cellular.

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, Salt water	98 6 1/4	269.5	Fore peak tank, Salt water	15.0	118.0
Double bottom, under Engines and Boilers, Fresh water	33 4 1/2	122.8	After peak tank, "	20.0	204.0
Double bottom, if under Engines only, "			Deep tank, aft, "		
Double bottom, if under Boilers only, "			Deep tank, forward, "		
Double bottom, forward, Salt water	145 5 1/4	489.5	Other tanks, if fitted, "		
		Total capacity of double bottom 881.8	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules.

Order for Special Survey No.	1920
Date	Sept 24
No. 2.	in builder's yard.
No. 44.	Owners.
DATES of Surveys held while building	Keel laid Oct 16 18. 21. 25. 29. Nov 2. 4. 12. 13. 25. Dec 7. 22. Jan 7. 12. 20. 26. Feb 4. 11. 14. 22. 25. Mar 3. 11. 21. 24. 26. 30. Apr 4. 8. 13. 19. 22. 28. May 7. 12. 20. 25. 31. June 3. 10. 16. 22. 25. 28. 30. July 5. 8. 14. 18. 22. 28. Aug 2. 4. 9. 13. 16. 18. 22. 25. 28. 30. Sept 5. 8. 15. 19. 22. 27. 30. Oct 3. 6. 10. 14. 17. 21. 28. Nov 4. 7. 10. 15. 17. 21. 28. 30. Dec 5. 9. 13. 16. 18. 20. 24. 26. 30. Jan 2. 5. 8. 11. 14. 17. 21. 24. 28. Mar 3. 8. 10. 14. 17. 21. 28. 31. 6. 11. 18. 21. 27. 28. Apr 3. 11. 16. 19. 23. 27. May 1. 4. 7. 10. 13. 16. 19. 22. 25. 28. 31. June 1. 3. 6. 9. 12. 15. 18. 21. 24. 27. 30. July 3. 6. 9. 12. 15. 18. 21. 24. 27. 30. Aug 1. 4. 7. 10. 13. 16. 19. 22. 25. 28. 31. Sept 1. 4. 7. 10. 13. 16. 19. 22. 25. 28. 31. Oct 1. 4. 7. 10. 13. 16. 19. 22. 25. 28. 31. Nov 1. 4. 7. 10. 13. 16. 19. 22. 25. 28. 31. Dec 1. 4. 7. 10. 13. 16. 19. 22. 25. 28. 31.
Total No. of Visits	124

Surveyor's Signature A. J. Ainslie

Lloyd's Register Foundation