

1 or 2 Dks., R. Q. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel. *Yes*
Date of completion of Report *9th April 1902*
Date, First Survey *8th July 1901*

No. *6821*
Received at *SAL* *APL 12 1902*

Port of *Dundee*
Last Survey *8th April 1902*
Rig *Fore & aft schooner*

Survey held at *Dundee*
On the *steel screw steamer "SYDNEY"*

TONNAGE under
Tonnage Deck.. *1558.73*
Do. of Poop *103.03*
Do. of Raised Qr. *92.98*
Dk. or Break.. *32.12*
Do. of Bridge House *128.52*
Do. of Forecastle *8.35*
Do. of excess of Hatchways *65.11*
Do. above Crown of *1988.84*
Engine Room .. *62.21*
Gross Tonnage *1861.52*
Crew Space *127.32*
above Crown of *714.12*
Engine Room .. *29.98*
Navigation Spaces
Net Tonnage *1182.53*
cut on Beam ..

ONE OR TWO DECKED VESSEL.

CLASS *100A1*

FEET.

Half Breadth (moulded) *19.00*
Depth from upper part of Keel to top of Main Deck Bms. *22.83*
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) *38.14*
1st Number *79.97*
Length on deck from after part of stem to fore part of stern post *278.33*
2nd Number *222.58*
Proportions—Breadths to Length *7.3*
Depths to Length—Main Deck to top of Keel *12.19*

Master *Richard Magrath*
Year of appointment *As master in service of other of present vessel 1899. (2) As master of this vessel 1902*
Built at *Dundee*
When built *1902* Launched *24th February*
By whom built *The Caledon S.S. & Eng. Co. Ltd.*
Owners *The Melbourne Steamship Co. Ltd.*
Managers *(Where necessary to be entered in Reg. Book.)*
Residence *Melbourne, Australia*
Port belonging to *Melbourne*

Destined Voyage *Melbourne* If Surveyed while Building, Afloat, or in Dry Dock *Building afloat.*

Length on Deck as per Rule *278* Feet. *4* Inches. BREADTH—Moulded *38* Feet. *0* Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams *19* Feet. *8* Inches. No. of Decks with Flat laid *one*
No. of Tiers of Beams *one*
Dimensions of Ship per Register, Length, *280.2'* breadth, *38.25'* depth, *19.6'* Moulded Depth, *22* ft. *0 1/2* ins. Round of Beam, Actual *9 1/2* ins.

FRAMING.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, <i>L</i> or <i>E</i> Bars, for $\frac{3}{4}$ length amidships <i>7 1/2</i> 3 11 7 1/2 3 11					
Do. for $\frac{1}{4}$ at each end <i>7 1/2</i> 3 10 7 1/2 3 10					
Do. in way of lower deck at <i>7 1/2</i> x <i>3</i> x <i>20</i> <i>3</i> 3 8 7 3 3 8 7					
Do. in way of Double Bottoms at Solid Floors <i>5</i> 3 8 7 5 3 8 7					
Do. at intermdt. Bkts. <i>24</i> <i>24</i>					
Spacing of Frames from centre to centre <i>7 1/2</i>					
Reversed Frame, Angles <i>Bull angle deep frame</i>					
DEEP FRAMING, depth of girder <i>7 1/2</i>					
FLOORS, depth and thickness of Floor Plate at mid line for $\frac{3}{4}$ length amidships <i>8</i>					
Do. in way of Engines and Boilers <i>8</i>					
Do. thickness at the ends of vessel <i>8</i>					
Do. depth at $\frac{3}{4}$ the half breadth, as per Rule <i>8</i>					
Do. height extended at the Bilges <i>8</i>					
FLOORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom) <i>38</i> 7 38 7					
Do. every frame under Engines & from $\frac{3}{4}$ length <i>48</i> 48					
CENTRE GIRDER, in Double Bottom, depth and thickness <i>38</i> 10 8 38 10 8					
Do. Angles, Top <i>4</i> 4 9 8 4 4 9 8					
Do. Bottom <i>6</i> 4 9 8 6 4 9 8					
SIDE GIRDERS, number on each side & thickness state if flanged (top & bottom) <i>3</i> 7 3 7					
Do. Angles <i>3 1/2</i> 3 1/2 7 3 1/2 3 1/2 7					
MARGIN PLATE, depth (exclusive of flange) and thickness <i>28</i> 8 28 8					
Do. Angles to Outside Plating <i>3 1/2</i> 3 1/2 8 3 1/2 3 1/2 8					
Do. Floors <i>3 1/2</i> 3 1/2 7 3 1/2 3 1/2 7					
Do. Height of Floors at the Bilges <i>60</i> 60					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake <i>37</i> 9 8 36 9 8					
Do. thickness in Engine and Boiler space <i>9</i> 9					
Do. Remainder in Holds <i>7</i> 7					
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb <i>9</i> 3 1/2 13 9 3 1/2 13					
Do. BA Angles on Upper Edge <i>7 1/2</i> 3 8 7 1/2 3 8					
Do. Spacing <i>48</i> 48					
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb <i>9</i> 3 1/2 14 9 3 1/2 14					
Do. Angles on Upper Edge <i>48</i> 48					
Do. Spacing <i>48</i> 48					
BEAMS, Hold, Plate or Tee Bulb <i>7 1/2</i> 3 8 7 1/2 3 7					
Do. Angles on Upper Edge <i>48</i> 48					
Do. Spacing <i>48</i> 48					
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb <i>8 1/2</i> 3 9 8 1/2 3 9					
Do. Angles on Upper Edge <i>48</i> 48					
Do. Spacing <i>48</i> 48					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb <i>8 1/2</i> 3 10 6 7 1/2 3 10 8					
Do. Angles on Upper Edge <i>48</i> 48					
Do. Spacing <i>48</i> 48					
PILLARS, In 'tween Decks, Size and Spacing <i>2 1/2</i> 48 2 1/2 48					
Do. Hold <i>3 3/8</i> 48 3 3/8 48					
Do. Quarter, 'tween Dks., <i>3 3/8</i> 48 3 3/8 48					
Do. in Hold <i>3 3/8</i> 48 3 3/8 48					
WEB FRAMES, In Fore Body, No. and Spacing <i>1 as per plan</i> 1 as per plan					
Do. No. of Side Stringers <i>36</i> 8 36 8					
WEB FRAMES, In E. & B. Space, No. & Spacing <i>1 as per plan</i> 1 as per plan					
Do. Brdth. & Thickness <i>36</i> 8 36 8					
WEB FRAMES, In After Body, No. and Spacing <i>1 as per plan</i> 1 as per plan					
Do. Brdth. & Thickness <i>36</i> 8 36 8					
Do. No. of Side Stringers <i>6</i> 4 9 6 4 9					
Do. Size of Angles or Tee Bars to Web Frames <i>6</i> 4 9 6 4 9					
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness <i>6</i> 4 9 6 4 9					

FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
KEEL, Bar or Side Plates depth and thickness <i>10 1/2</i> 2 1/2					
STEM, moulding and thickness <i>10</i> 5 1/2					
STERN-POST for Rudder do. do. <i>10</i> 5 1/2					
Do. for Propeller <i>10</i> 5 1/2					
MAIN PIECE of Rudder, diameter at head <i>7 3/4</i>					
Do. at heel <i>5 3/4</i>					
RUDDER, how constructed <i>Arms sprung & keyed, single plate 20/20 thick</i>					
Can the Rudder be unshipped afloat? <i>Yes</i>					
KEELSONS AND STRINGERS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate <i>6</i> 4 8 6 4 8					
Do. Rider Plate <i>6</i> 4 8 6 4 8					
Do. Bulb Plate to Intercoastal Keelson <i>6</i> 4 8 6 4 8					
Do. Horizontal Plates on Floors <i>6</i> 4 8 6 4 8					
Do. Angles <i>6</i> 4 8 6 4 8					
SIDE KEELSON, Angles <i>6</i> 4 8 6 4 8					
Do. Bulb or Plate above floors for length <i>6</i> 4 8 6 4 8					
Do. Intercoastal Plate for length <i>6</i> 4 8 6 4 8					
Do. Attached to outside plating with Angle <i>6</i> 4 8 6 4 8					
BILGE KEELSON, Angles (from frame) <i>6</i> 4 8 6 4 8					
Do. Bulb or Plate above floors for length <i>6</i> 4 8 6 4 8					
Do. Intercoastal Plate for length <i>6</i> 4 8 6 4 8					
Do. Attached to outside plating with Angle <i>6</i> 4 8 6 4 8					
BILGE STRINGER, Angles <i>2</i> Bulb Angles <i>9</i> 3 1/2 14 12 9 3 1/2 14 12					
Do. Bulb Plate for length <i>9</i> 3 1/2 14 12 9 3 1/2 14 12					
Do. Intercoastal Plate for from frame 22 height for length <i>16 1/2</i> 10 9 16 1/2 10 9					
Do. Attached to outside plating with Angle <i>3 1/2</i> 3 1/2 10 9 3 1/2 3 1/2 10 9					
2 SIDE STRINGERS Angles <i>2</i> Bulb Angles <i>9</i> 3 1/2 14 12 9 3 1/2 14 12					
Do. Bulb or Intercoastal Plate for from frame 22 height for length <i>16 1/2</i> 10 9 16 1/2 10 9					
Do. Attached to outside plating with Angle <i>3 1/2</i> 3 1/2 10 9 3 1/2 3 1/2 10 9					
Main and Raised Quarter Deck Stringer Plate, breadth and thickness <i>41-36</i> 10 8 40-35 10 8					
Do. Angle on ditto <i>4 1/2</i> x <i>4 1/2</i> 10 4 1/2 x <i>4 1/2</i> 10					
Do. Tie Plates fore & aft, outside Hatchways <i>7-6</i> 7-6					
Do. Diagonal Tie Plates on Bms., No. of Pairs <i>7-6</i> 7-6					
Do. Main Dk* Iron or Steel for full length <i>7-6</i> 7-6					
Do. R. Q. Dk* Iron or Steel for full length <i>7-6</i> 7-6					
Do. Wood Deck, Material & thickness <i>P.P. 6 1/2</i> 2 1/2 P.P.					
Lower Deck Stringer Plate, breadth and thickness <i>37-31</i> 8 37-29 8					
Do. Angles on ditto, No. <i>Two</i> <i>4</i> x <i>4</i> 10 4 x <i>4</i> 9-8					
Do. Tie Plates, outside Hatchways <i>15</i> 8 15 8					
Do. Deck* Material and thickness <i>P.P. Pine</i> <i>2 1/2</i> 2 1/2 P.P.					
Hold Stringer Plate <i>36-26</i> 6 26 6					
Do. Angles on ditto, No. <i>Two</i> <i>3 1/2</i> x <i>3 1/2</i> 7 3 1/2 x <i>3 1/2</i> 7					
Poop Deck Stringer Plate, breadth & thickness <i>3 1/2</i> x <i>3 1/2</i> 7 3 1/2 x <i>3 1/2</i> 7					
Do. Angle on ditto <i>5</i> 5					
Do. Tie Plates <i>Complete steel deck</i> <i>5</i> x <i>3</i> 3 K.P.					
Do. Deck, Material and thickness <i>Kauri pine</i> <i>5</i> x <i>3</i> 3 K.P.					
Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness <i>30</i> 8 30 8					
Do. Angle on ditto <i>3 1/2</i> x <i>3 1/2</i> 8 3 1/2 x <i>3 1/2</i> 8					
Do. Tie Plates <i>Complete steel deck</i> <i>5</i> 5					
Do. Deck, Material and thickness <i>Kauri pine</i> <i>5</i> x <i>3</i> 3 K.P.					
Forecastle Deck Stringer Plate, brdth & thcknss <i>36</i> 6 26 6					
Do. Angle on ditto <i>3 1/2</i> x <i>3 1/2</i> 7 3 1/2 x <i>3 1/2</i> 7					
Do. Tie Plates <i>Complete steel deck</i> <i>5</i> 5					
Do. Deck, Material and thickness <i>Kauri pine</i> <i>5</i> x <i>3</i> 3 K.P.					
* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.					
BULKHEADS.					
	In Vessel.	Per Rule.	Thickness.	Horizontal.	Vertical.
W.T. BULKHEADS <i>4</i> <i>4</i> <i>7-6</i> <i>5</i> x <i>3</i> x <i>20</i> <i>48</i> <i>5</i> x <i>3</i> x <i>20</i> <i>30</i> Double upper 0 th					
PARTITION <i>1</i> <i>5</i> <i>4</i> x <i>3</i> x <i>20</i> <i>40</i> Single 0 th					
LONGITUDINAL <i>6</i> <i>4</i> <i>9</i> <i>6</i> <i>4</i> <i>9</i>					
Are the outside Plates doubled two spaces of Frames in length? <i>Yes, double 2 spaces</i>					
Are the Sluice Valves and Watertight Doors in efficient working order?					

