INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR PPL 118

   Expiry: 26 May 2019

   Interests in the Licence:
   %
   Santos Ltd  25.6022
   Delhi Petroleum Pty Ltd  17.1430
   Boral Energy Resources Ltd  10.5360
   Vamgas Pty Ltd  43.7500
   Gulf (Aust) Resources NL  2.9688

2. 27 May 1998 Memorandum entering licence on the public register and
   notating receipt of security.

3. 4 June 1998 Grant of Licence published in the South Australian Government

4. 10 December 1999 Certificate of Registration on Change of Name dated 6 October
   1999:
   From: Gulf (Aust) Resources NL
   To: Novus Australia Resources NL

5. 10 December 1999 Memorandum entering change of company name on the Public
   Register.

6. 13 March 2000 Certificate of Registration on Change of Name dated 24
   February 2000:
   From: Boral Energy Resources
   To: Origin Energy Resources Ltd

7. 13 March 2000 Memorandum entering change of company name on the Public
   Register.

8. 7 May 2004 Memorandum dated 7 May 2004 entering notation of adoption
   of the register for PELs 5&6 as part of the Commercial
   Register.

9. 23 July 2004 Memorandum entering notation of registrable dealing on the
   public register:
   • DPPL Security dated 21 May 2004 between Delhi Petroleum
     Pty Ltd and Westpac Banking Corporation
     Ref:SA 2004-44

10. 23 November 2005 Notation of discharge of security and receipt of replacement
    security is entered on the public register.

11. 13 January 2006 Certificate of Registration on Change of Name dated 29 June
    2005:
    From: Novus Australia Resources NL
    To: Santos (NARNL Cooper) NL
12. 13 January 2006  Memorandum entering change of company name on the Public Register.

13. 9 May 2006  Certificate of Registration on Change of Name dated 1 December 2005:
From: Santos (NARNL Cooper) NL
To: Santos (NARNL Cooper) Pty Ltd.

14. 9 May 2006  Memorandum entering change of company name on the Public Register

15. 15 February 2011  Memorandum entering notation of the following registrable dealing on the public register.

Delhi Fixed and Floating Charge and Mortgage of JV Assets dated 29 September 2010 between Delhi Petroleum Pty Limited and Westpac Banking Corporation.
Ref: SA 2011-15

16. 28 June 2012  Memorandum entering notation of the following registrable dealing on the public register.

Royalty Deed dated 19 January 2012 between Delhi Petroleum Pty Ltd and Esso Australia Resources Pty Ltd.
Ref: SA 2012-42

17. 9 August 2017  Certificate of Registration on Change of Company Name dated 29 June 2017.

From: Origin Energy Resources Limited
To: Lattice Energy Limited

18. 9 August 2017  Memorandum entering notation of change of company name on the public register.

19. 7 June 2018  Memorandum entering notation of the following registrable dealing on the public register:

Deed of Variation dated 4 December 2015 between Santos Limited, Santos Petroleum Pty Ltd, Vamgas Pty Ltd, Santos (NARNL Cooper) Pty Ltd, Santos (BOL) Pty Ltd, Reef Oil Pty Ltd, Bridge Oil Developments Pty Limited, Basin Oil Pty Ltd, Alliance Petroleum Australia Pty Ltd, Origin Energy Resources Limited and Delhi Petroleum Pty Ltd
Ref: SA 2018-18

20. 22 January 2020  Certificate of Registration on Change of Name dated 2 December 2019.

From: Lattice Energy Limited
To: Beach Energy (Operations) Limited

21. 22 January 2020  Memorandum entering notation of change of company name on the public register.
MEMORANDUM

PETROLEUM PRODUCTION LICENCES

ASSOCIATED ACTIVITIES LICENCES
AALs 258, 259 and 263

PIPELINE LICENCES
PLs 2, 5, 9, 15 and 20

1. Notation of change of company name:

   From: Lattice Energy Limited
   To: Beach Energy (Operations) Limited

   is hereby entered on the public registers.

   [Signature]

BARRY A. GOLDBSTEIN
Executive Director
Energy Resources Division
Department for Energy and Mining
Delegate of the Minister for Energy and Mining

Date: 22 January 2020
Certificate of Registration on Change of Name

This is to certify that

LATTICE ENERGY LIMITED

Australian Company Number 007 845 338

did on the second day of December 2019 change its name to

BEACH ENERGY (OPERATIONS) LIMITED

Australian Company Number 007 845 338

The company is a public company.

The company is limited by shares.

The company is taken to be registered under the Corporations Act 2001 in South Australia and the date of commencement of registration is the ninth day of September, 1977.

Issued by the Australian Securities and Investments Commission on this second day of December 2019.

James Shipton
Chair
MEMORANDUM

PETROLEUM PRODUCTION LICENCES

PIPELINE LICENCES
PLs 5, 9 and 15

SA 2018-18

Notation of registrable dealing as evidenced by Deed of Variation dated 4 December 2015 between Santos Limited, Santos Petroleum Pty Ltd, Vamgas Pty Ltd, Santos (NARNL Cooper) Pty Ltd, Santos (BOL) Pty Ltd, Reef Oil Pty Ltd, Bridge Oil Developments Pty Limited, Basin Oil Pty Ltd, Alliance Petroleum Australia Pty Ltd, Origin Energy Resources Limited and Delhi Petroleum Pty Ltd is hereby entered on the public register.

BARRY A. GOLDSTEIN
Executive Director
Energy Resources Division
Department of the Premier and Cabinet
Delegate of the Minister for Energy and Mining

Date: 7 June 2018
Ref: 28/01/00045
MEMORANDUM

PETROLEUM RETENTION LICENCE
PRL 106

PETROLEUM EXPLORATION LICENCES
PELs 637 and 638

PETROLEUM PRODUCTION LICENCES

PIPELINE LICENCES
PLs 2, 5, 9, 15 and 20

1. Notation of change of company name:

   From: Origin Energy Resources Limited
   To: Lattice Energy Limited

   is hereby entered on the public registers.

   [Signature]

   BARRY A. GOLDSMITH
   Executive Director
   Energy Resources Division
   Department of the Premier and Cabinet
   Delegate of the Minister for Mineral Resources and Energy

   Date: 9 August 2017
Certificate of Registration on Change of Name

This is to certify that

ORIGIN ENERGY RESOURCES LIMITED

Australian Company Number 007 845 338

did on the twenty-ninth day of June 2017 change its name to

LATTICE ENERGY LIMITED

Australian Company Number 007 845 338

The company is a public company.

The company is limited by shares.

The company is taken to be registered under the Corporations Act 2001 in South Australia and the date of commencement of registration is the ninth day of September, 1977.

Issued by the
Australian Securities and Investments Commission
on this twenty-ninth day of June 2017.

Greg Medcraft
Chairman
MEMORANDUM

PETROLEUM PRODUCTION LICENCES

SA 2012-42 Notation of registrable dealing as evidenced by Royalty Deed dated 19 January 2012 between Delhi Petroleum Pty Ltd and Esso Australia Resources Pty Ltd is hereby entered on the public register.

BARRY A. GOLDSTEIN
Executive Director
Energy Resources Division
Department for Manufacturing, Innovation, Trade, Resources and Energy
Delegate of the Minister for Mineral Resources and Energy

Date: 28 June 2012

Ref: various files
MEMORANDUM

PETROLEUM PRODUCTION LICENCES

and

PIPELINE LICENCES
PLs 2, 5, 9 and 15

SA 2011–15 Notation of registrable dealing as evidenced by Delhi Fixed and Floating Charge and Mortgage of JV Assets dated 29 September 2010 between Delhi Petroleum Pty Limited and Westpac Banking Corporation is hereby entered on the public register.

BARRY A. GOLDSTEIN
Director Petroleum and Geothermal Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources Development

Date: 15 February 2011
MEMORANDUM


1. Notation of change of company name –

   From: Santos (NARNL Cooper) NL
   To: Santos (NARNL Cooper) Pty Ltd

   is hereby entered on the public register of licences.

   [Signature]

C. D. COCKSHELL
A/Dirctor Petroleum and Geothermal
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources Development

Date: 9 May 2006

File: 27/2/4
Certificate of Registration on Change of Type and Conversion to a Proprietary Company

This is to certify that

SANTOS (NARNL COOPER) NL

Australian Company Number 004 761 255

on the first day of December 2005 converted to a company limited by shares and on the first day of December 2005 changed to a proprietary company.

The name of the company is now

SANTOS (NARNL COOPER) PTY LTD

Australian Company Number 004 761 255

The company is taken to be registered under the Corporations Act 2001 in Victoria and the date of commencement of registration is the twenty-first day of February, 1969.

Issued by the Australian Securities and Investments Commission on this first day of December, 2005.

Jeffrey Lucy
Chairman
MEMORANDUM


1. Notation of change of company name –

From: Novus Australia Resources NL
To: Santos (NARNL Cooper) NL

is hereby entered on the public register of licences.

[Signature]

BARRY A. GOLDSTEIN
Director Petroleum
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources Development

Date: 13 January 2006

File: 27/2/4
Certificate of Registration on Change of Name

This is to certify that

NOVUS AUSTRALIA RESOURCES NL
Australian Company Number 004 761 255

did on the twenty-ninth day of June 2005 change its name to

SANTOS (NARNL COOPER) NL
Australian Company Number 004 761 255

The company is a public company.

The company is a no liability company.

The company is taken to be registered under the Corporations Act 2001 in Victoria and the date of commencement of registration is the twenty-first day of February, 1969.

Issued by the
Australian Securities and Investments Commission
on this twenty-ninth day of June, 2005.

Jeffrey Lucy
Chairman
Petroleum Act 2000
S.115

MEMORANDUM


and

PIPIELINE LICENCES (PLs) 2, 5, 9 and 15

1. Notation of receipt of Bank Guarantee dated 27 October 2005, is hereby entered on the commercial register.

2. Security is held to cover any event occurring in any licence operated by Santos Limited on behalf of the respective Cooper Basin Joint Ventures in South Australia.

3. Cash security held in respect of PPL 152 is hereby discharged to Santos Limited.

4. Bank Guarantees held in respect of the above referenced PLs and PPLs (excluding PPL 152) are hereby discharged to Santos Limited.

[Signature]

BARRY A GOLSTEIN
Director Petroleum
Minerals and Energy Division
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources
Development

Date: 23 November 2005
MEMORANDUM


PIPELINE LICENCES 2, 5, 9 AND 15

1. Notation of registrable dealing as evidenced by the following document is hereby entered on the Public Register;


Paul Holloway
Leader of the Government in the Legislative Council
Minister for Industry, Trade and Regional Development
Minister for Mineral Resources Development
Minister for Small Business

Date: 23/7/04
Petroleum Act 2000
S.115(2)(e)
S 117(2)(b)

MEMORANDUM


1 Pursuant to sections 115(2)(e) and 117(2)(b) of the Petroleum Act 2000, notation is hereby entered on the public and commercial register for each of the abovementioned PPLs, that the register created under the then Petroleum Act 1940, relative to Petroleum Exploration Licences 5 and 6, which expired on 27 February 1999, is adopted as part of the commercial register for each of the above said PPLs

Dated: 7 May 2004

T. AUST
A/Director Petroleum
Minerals and Energy Division
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources Development
MEMORANDUM
PETROLEUM ACT 1940
SECTION 44

PETROLEUM EXPLORATION LICENCES NOS. 27, 32, 57, 66 AND 72
PETROLEUM PRODUCTION LICENCES NOS. 6 TO 20, 22 TO 61 AND 63 TO 168
PIPELINE LICENCES 2, 5, 9 AND 10

Receipt of the following document is hereby entered onto the Petroleum Register.

  Boral Energy Resources Ltd is now known as Origin Energy Resources Ltd.

J S ZABROWARNY
MANAGER PETROLEUM LICENSING AND ROYALTIES

13 March 2000
Certificate of Registration on Change of Name

This is to certify that

BORAL ENERGY RESOURCES LIMITED
Australian Company Number 007 845 338
did on the twenty-fourth day of February 2000 change its name to

ORIGIN ENERGY RESOURCES LIMITED
Australian Company Number 007 845 338

The company is a public company.
The company is limited by shares.
The company is taken to be registered as a company under the Corporations Law of South Australia.

Issued by the
Australian Securities and Investments Commission
on this twenty-fourth day of February, 2000.

Alan Cameron
Chairman
MEMORANDUM

Section 44, Petroleum Act 1940

PETROLEUM PRODUCTION LICENCES 6 to 20,
22 to 61, 63 to 140, 142 to 167

PIPELINE LICENCE No. 2

Receipt of the following document is hereby entered onto the Petroleum Register.

- Certificate of Registration on Change of Name dated 6 October 1999.
  Gulf (Aust) Resources NL is now known as Novus Australia Resources NL.

J S Zabrowarny
Manager, Petroleum Licensing and Royalties

10 December 1999
Certificate of Registration on Change of Name

This is to certify that

GULF (AUST) RESOURCES N.L.

Australian Company Number 004 761 255
did on the sixth day of October 1999 change its name to

NOVUS AUSTRALIA RESOURCES NL

Australian Company Number 004 761 255

The company is a public company.
The company is a no liability company.
The company is taken to be registered as a company under the Corporations Law of Victoria.

Issued by the
Australian Securities and Investments Commission
on this sixth day of October, 1999.

Alan Cameron
Chairman
GRANT OF PETROLEUM PRODUCTION LICENCE

Department of Primary Industries and Resources, 27 May 1998

NOTICE is hereby given that pursuant to delegated powers dated 20 November 1997, gazetted 4 December 1997, the undermentioned Petroleum Production Licence has been granted under the provisions of the Petroleum Act 1940.

D. R. MUTTON, Chief Executive, Delegate of the Minister for Primary Industries, Natural Resources and Regional Development

<table>
<thead>
<tr>
<th>No. of Licence</th>
<th>Licensees</th>
<th>Locality</th>
<th>Date of Expiry</th>
<th>Area in km²</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>121</td>
<td>Santos Ltd Delhi Petroleum Pty Ltd Boral Energy Resources Ltd Vamgas Pty Ltd Gulf (Aust) Resources NL</td>
<td>Tarragon Field in the Cooper Basin of South Australia</td>
<td>26 May 2019</td>
<td>5.08</td>
<td>SR.28.1.239</td>
</tr>
</tbody>
</table>

Description of Area

All that part of the State of South Australia bounded as follows: commencing at a point being the intersection of latitude 27°08'00"S and longitude 140°21'10"E, thence east to longitude 140°21'40"E, south to latitude 27°08'10"S, east to longitude 140°22'30"E, south to latitude 27°08'50"S, west to longitude 140°22'20"E, south to latitude 27°09'20"S, west to longitude 140°21'50"E, north to latitude 27°09'00"S, west to longitude 140°20'40"E, north to latitude 27°08'20"S, east to longitude 140°21'00"E, north to latitude 27°08'10"S, east to longitude 140°21'10"E and north to the point of commencement, all the within latitudes and longitudes being geodetic and expressed in terms of the Australian Geodetic Datum as defined on p. 4984 of Commonwealth Gazette number 84 dated 6 October 1966.

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GRANT OF PETROLEUM PRODUCTION LICENCE

Department of Primary Industries and Resources, 27 May 1998

NOTICE is hereby given that pursuant to delegated powers dated 20 November 1997, gazetted 4 December 1997, page 1526, the undermentioned Petroleum Production Licence has been granted under the provisions of the Petroleum Act 1940.

D. R. MUTTON, Chief Executive, Delegate of the Minister for Primary Industries, Natural Resources and Regional Development

<table>
<thead>
<tr>
<th>No. of Licence</th>
<th>Licensees</th>
<th>Locality</th>
<th>Date of Expiry</th>
<th>Area in km²</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>118</td>
<td>Santos Ltd Delhi Petroleum Pty Ltd Boral Energy Resources Ltd Vamgas Pty Ltd Gulf (Aust) Resources NL</td>
<td>Kudrieke North Field in the Cooper Basin of South Australia</td>
<td>26 May 2019</td>
<td>0.36</td>
<td>SR 28.1.254</td>
</tr>
</tbody>
</table>

Description of the Area

All that part of the State of South Australia bounded as follows: commencing at a point being the intersection of latitude 27°26'50"S and longitude 140°10'40"E, thence east to longitude 140°11'25"E, south to latitude 27°27'00"S, west to longitude 140°10'40"E, and north to the point of commencement, all the within latitudes and longitudes being geodetic and expressed in terms of the Australian Geodetic Datum as defined on p. 4984 of Commonwealth Gazette number 84 dated 6 October 1966, except those latitudes and longitudes underlined which are expressed in terms of Clarke 1880 Spheroid (Transverse Mercator Projection).
MEMORANDUM

PETROLEUM PRODUCTION LICENCE NO 118

1. This licence granted on 27/5/98 is hereby entered on the Petroleum Register.

2. A security in the form of a $15,000 bank guarantee has been lodged with respect to this licence.

3. Interests in the licence are as follows:

   • Santos Ltd: 25.6022%
   • Delhi Petroleum Pty Ltd: 17.143%
   • Boral Energy Resources Ltd: 10.536%
   • Vamgas Pty Ltd: 43.75%
   • Gulf (Aust) Resources NL: 2.9688%

D R Mutton
CHIEF EXECUTIVE
DEPT OF PRIMARY INDUSTRIES AND RESOURCES
Delegate of the Minister for Primary Industries, Natural Resources and Regional Development
SOUTH AUSTRALIA
PETROLEUM ACT 1940

PETROLEUM PRODUCTION LICENCE NO. 118

I, DENNIS RAY MUTTONG, Chief Executive, Department of Primary Industries and Resources (CE) in the State of South Australia pursuant to the provisions of the Petroleum Act, 1940 and all other enabling powers for and on behalf of Robert Gerard Kerin, Minister for Primary Industries, Natural Resources and Regional Development (Minister), pursuant to delegation dated 20 November 1997 (refer Government Gazette dated 4 December 1997 page 1526), HEREBY GRANT TO:

- SANTOS LIMITED, ACN 007 550 923 of Level 29, 91 King William Street, Adelaide, South Australia,
- DELHI PETROLEUM PTY LTD, ACN 007 854 686 of c/- Esso Australia Ltd., Esso House, 12 Riverside Quay, Southbank, Victoria,
- VAMGAS PTY LTD, ACN 006 245 110 of Level 29, 91 King William Street, Adelaide, South Australia,
- BORAL ENERGY RESOURCES LIMITED, ACN 007 845 338 of 60 lindmarsh Square, Adelaide, South Australia, and
- GULF (AUST) RESOURCES NO LIABILITY, ACN 004 761 255 of 14th Floor, 216 St George’s Terrace, Perth, Western Australia.

(hereinafter referred to as 'the Licensees') a Petroleum Production Licence in respect of the area described below and subject to the conditions set out below, to have effect for a period of twenty-one (21) years to expire on the 26 day of May 2019 but carrying the rights of renewal conferred by the Petroleum Act 1940.

DESCRIPTION OF THE AREA

The land comprised in this licence is that part of the State of South Australia described in the Schedule hereto.
CONDITIONS

The Licensees shall at all times comply with:

(a) the provisions of the Petroleum Act 1940 and of any regulations for the time being and from time to time in force under that Act; and

(b) all directions given to them under the Act or regulations for the time being and from time to time in force under that Act.

DECLARATION

It is hereby acknowledged and agreed that the licensees, as at the date of grant of this licence, own and hold the following undivided interests respectively in and under this licence:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Santos</td>
<td>Twenty five point six zero two two (25.6022%)</td>
</tr>
<tr>
<td>Delhi</td>
<td>Seventeen point one four three zero (17.1430%)</td>
</tr>
<tr>
<td>Boral Energy</td>
<td>Ten point five three six zero (10.5360%)</td>
</tr>
<tr>
<td>Vamgas</td>
<td>Forty three point seven five zero zero (43.7500%)</td>
</tr>
<tr>
<td>Gulf</td>
<td>Two point nine six eight eight (2.9688%)</td>
</tr>
</tbody>
</table>

and that as between the Licensees the undivided interests so owned and held by the Licensees shall be subject to the provisions of a Joint Operating Agreement dated the 8th day of April 1974 to which the Licensees are parties and as the same has been amended and as may hereafter be amended or replaced from time to time PROVIDED THAT any amendment or replacement which affects or could affect the undivided interests of the Licensees shall be of no force or effect unless approved by the Minister.
Signed by the Chief Executive,
Department of Primary Industries and Resources at Adelaide

this 27 day of May 1998.

[Signature]
Dennis Ray Mutton
Chief Executive
Department of Primary Industries and Resources
Delegate of the Minister for Primary Industries
Natural Resources and Regional Development

SIGNED, SEALED AND DELIVERED )
by the said LICENSEES at Adelaide )
this 6 day of April 1998 )

Executed on behalf of SANTOS LIMITED )
and VAMGAS PTY LTD, respectively )
by being SIGNED SEALED AND )
DELIVERED by its duly authorised Attorney )
under Power of Attorney who hereby states )
that he has received no notice of revocation )
of the Power of Attorney affecting such )
appointment, in the presence of:

[Signature]
(Witness)
SIGNED, SEALED AND DELIVERED
for and on behalf of DELHI PETROLEUM
PTY LTD, by IAN WILLIAM ANGUS
its duly authorised Attorney under Power of
Attorney dated the 12th day of February, 1993, who hereby states that he has no notice
of revocation of the said Power of Attorney
at the time of executing this instrument in the
presence of:

M. [Signature]
(Witness)

Delhi Petroleum Pty Ltd
by its Attorney IAN WILLIAM ANGUS

THE COMMON SEAL of BORAL ENERGY
RESOURCES LIMITED was hereunto
affixed in the presence of:

[Signature]
(Director)

[Seal]
(Secretary)

THE COMMON SEAL of GULF (AUST)
RESOURCES NL was hereunto
affixed in the presence of:

[Signature]
(Director)

[Seal]
(Secretary)
All the within latitudes and longitudes are geodetic and expressed in terms of the Australian Geodetic Datum as defined on page 4984 of Commonwealth Gazette number 84 dated 6 October 1966, except those latitudes and longitudes underlined which are expressed in terms of Clarke 1858 Spheroid (Transverse Mercator Projection)

SANTOS LTD. DELHI PETROLEUM PTY. LTD. BORAL ENERGY RESOURCES LTD. VAMGAS PTY. LTD. CRUSADER RESOURCES N.L.

KUDRIEKE NORTH FIELD
PETROLEUM PRODUCTION LICENCE NO. 118

MINES and ENERGY RESOURCES
SR 28/1/231 AREA: 0.36 sq km (approx)
SCHEDULE

PETROLEUM PRODUCTION LICENCE NO. 118

DESCRIPTION OF AREA

All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection of latitude 27° 26' 50" S and longitude 140° 10' 40" E, thence east to longitude 140° 11' 25" E, south to latitude 27° 27' 00" S, west to longitude 140° 10' 40" E, and north to the point of commencement, all the within latitudes and longitudes being geodetic and expressed in terms of the Australian Geodetic Datum as defined on p. 4984 of Commonwealth Gazette number 84 dated October 6, 1966, except those latitudes and longitudes underlined which are expressed in terms of Clarke 1858 Spheroid (Transverse Mercator Projection).

AREA: 0.36 square kilometres approximately.
In accordance with Section 117 of the *Petroleum Act 2000* (Act) this document forms part of ‘The Commercial Register’.

Section 118 of the Act provides for the following:

**Authority to search register**

(1) A person is entitled to have access to the material included in the commercial register, on payment of the prescribed inspection fee, if the access is authorised by—

(a) a person who has a legal or equitable interest in the relevant licence or registered dealing; or

(b) the Minister.

(2) The Minister must not authorise access under subsection (1)(b) unless the Minister has consulted with the licensee to whom the material relates and is satisfied that access should be authorised in the public interest.

FOR FURTHER INFORMATION PLEASE CONTACT:

Department of State Development  
Energy Resources Division  
GPO Box 320,  
Adelaide SA 5001  
(08) 8463 3204