

Bids invited for exploration in 14 offshore areas

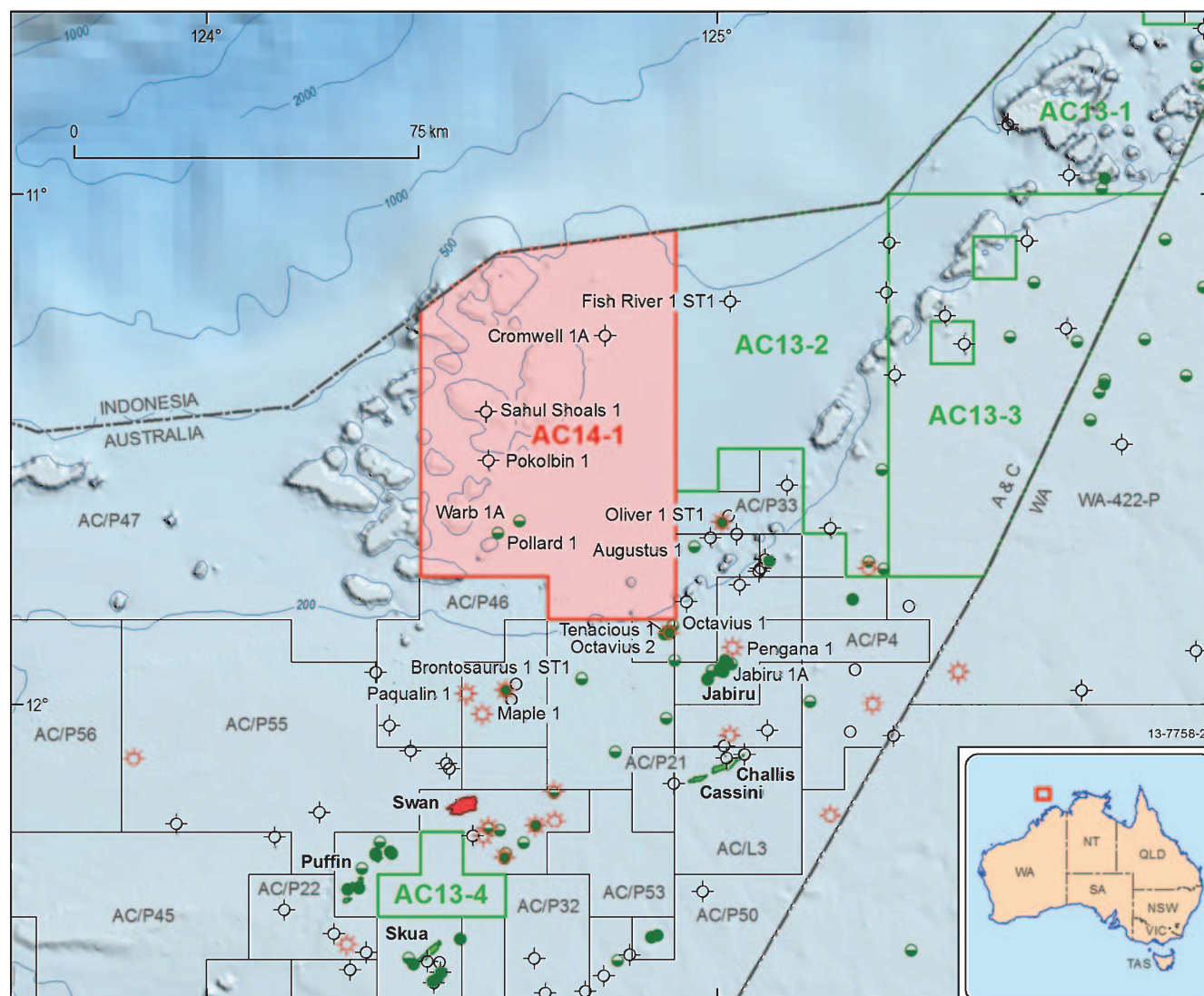
Thursday 2 April 2015 was the closing date for bids for 12 new areas and two re-release areas from round one of the 2014 offerings by the Australian Government. All the areas are offshore West Australia and the following table and figures show the locations of the 14 areas.

For more information go to: <http://www.petroleum-acreage.gov.au/>

Given that the price of oil at ~US\$50/bl is about half what it was a year ago, it will be interesting to see what bids will be made for these areas. I just hope that the government holds it's nerve if the

response to the invitations to bid are poor, because (and this is just my view) eventually the price of oil will re-bounce to at least US\$80/bl.

David Denham AM
denham1@inet.net.au



Well symbol information is sourced either from "open file" data from titleholders where this is publicly available as at 1 November 2013 or from other public sources. Field outlines are provided by Encom GPInfo, a Pitney Bowes Software (PBS) Pty Ltd product. Whilst all care is taken in the compilation of the field outlines by PBS, no warranty is provided re the accuracy or completeness of the information, and it is the responsibility of the Customer to ensure, by independent means, that those parts of the information used by it are correct before any reliance is placed on them.

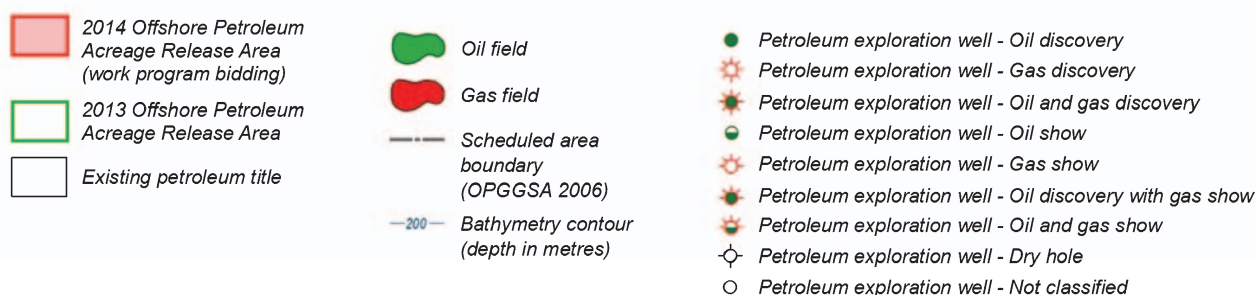


Figure 1. Release Area AC 14-1 Vulcan Sub-basin, Bonaparte Basin.

Table 1. Fourteen areas available for cash-bidding on 5 February 2015

Area	Basin	Sub-basin
AC14-1	Bonaparte	Vulcan (Fig. 1)
W14-1	Bonaparte	Petrel (Fig. 2)
W14-6	Northern Carnarvon	Rankin Platform (Fig. 3)
W14-8, 9, 10, 11, 12 and 13	Northern Carnarvon	Exmouth Plateau (Fig. 4)
W14, 17 and 18	Northern Carnarvon	Exmouth (Fig. 5)
W14-19	Bight	Eyre (Fig. 6)
Re-release areas		
W14-3	Browse	Caswell (Fig. 7)
W14-14	Northern Carnarvon	Barrow (Fig. 8)

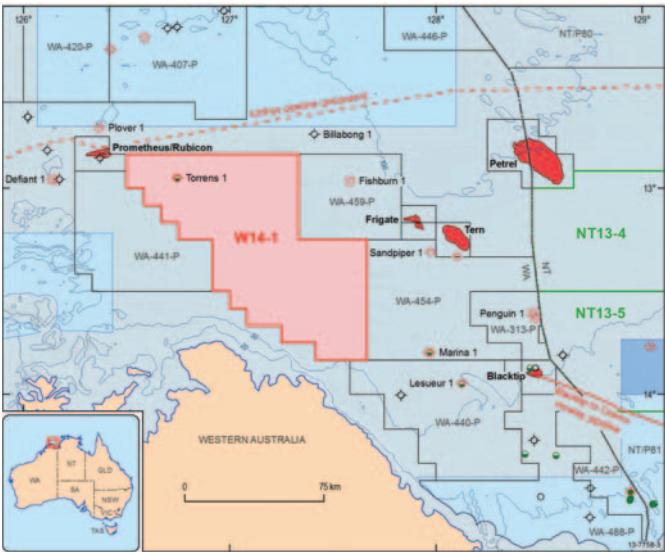


Figure 2. Release Area W14-1 Petrel Sub-basin, Bonaparte Basin. Legend same as for Figure 1.

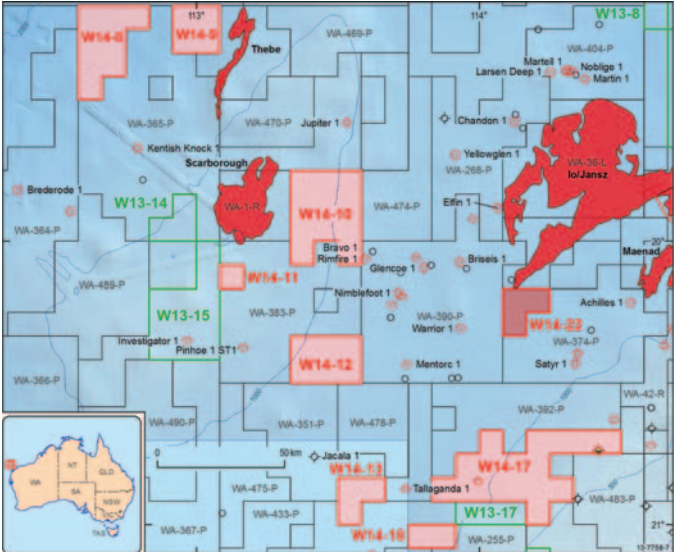


Figure 4. Release Areas W14-8, 9, 10, 11, 12 and 13, Exmouth Plateau, Northern Carnarvon Basin. Legend same as for Figure 1.

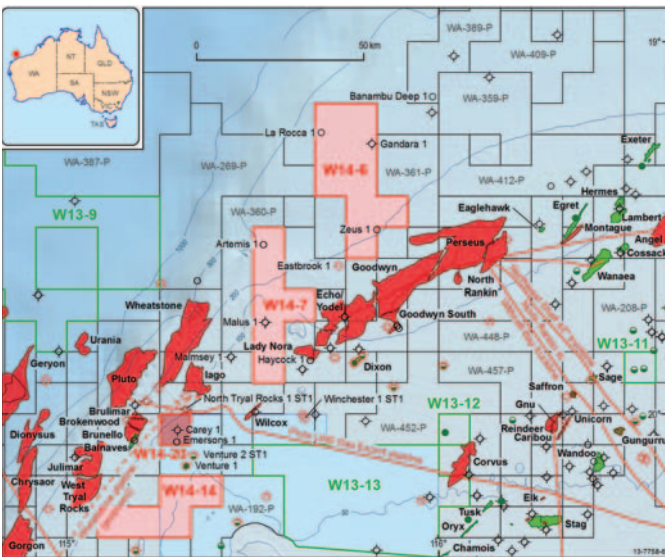


Figure 3. Release Area W14-6, Rankin Platform, Northern Carnarvon Basin. Legend same as for Figure 1.

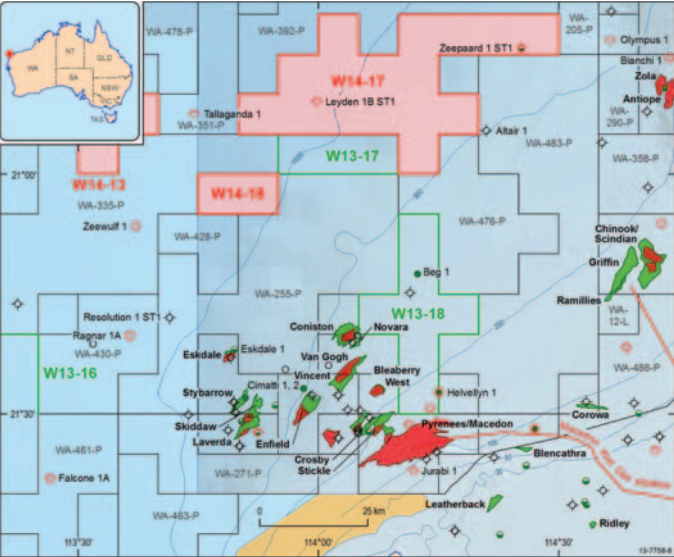


Figure 5. Release Areas W14, 17 and 18, Exmouth Plateau, Northern Carnarvon Basin. Legend same as for Figure 1.

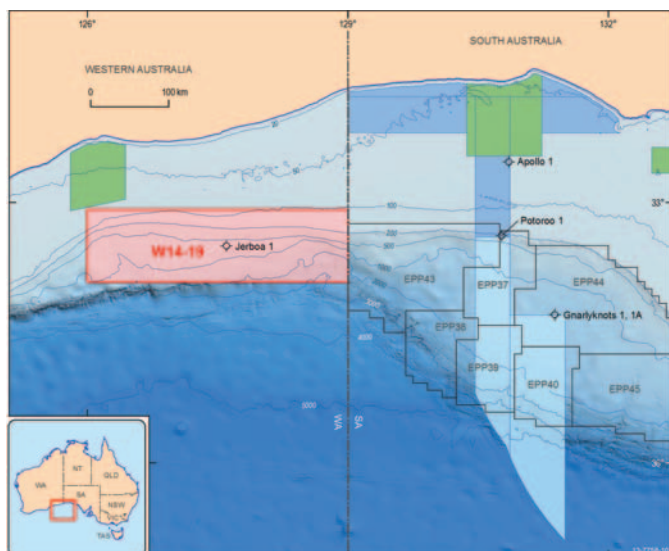


Figure 6. Release Area W14-19, Eyre Sub-basin, Bight Basin. Legend same as for Figure 1.

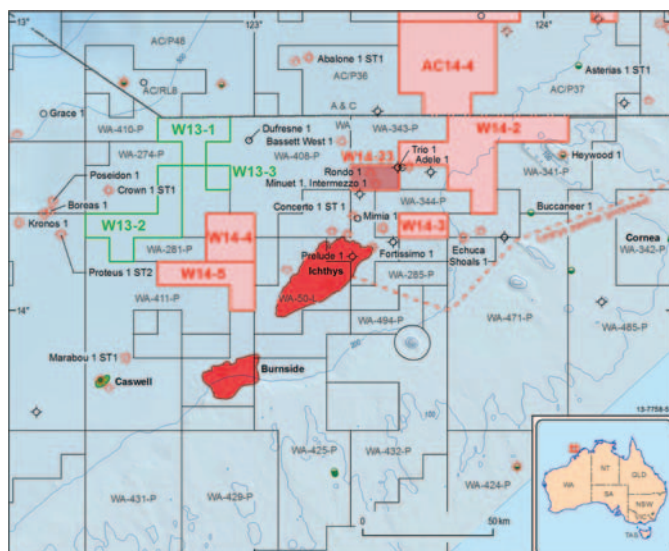


Figure 7. Release Area W14-3, Caswell Sub-basin, Browse Basin. Legend same as for Figure 1.



Figure 8. Release Area W14-14, Barrow Sub-basin, Northern Carnarvon Basin. Legend same as for Figure 1.

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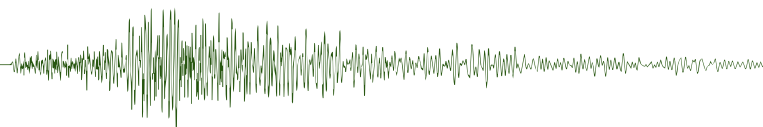
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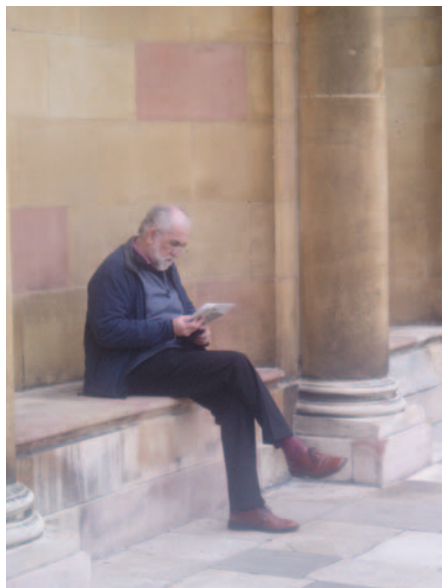
Electrical geophysical solutions

Resource exploration, environmental and geotechnical applications





Announcing the Frank Arnott Award for 2017



Frank Arnott (1951–2009) was an exceptional exploration industry leader. He championed innovative techniques that maximise the value of the multidisciplinary data that underpin modern exploration campaigns. Frank always looked for new and innovative ways to improve data processing methodologies and integrate multi-disciplinary exploration datasets. The development of his GeoExpress 2000 product was the culmination of many years of hard work. It is fair to say that Frank was at least a decade ahead of the industry in his thinking, with many of the concepts he was advancing coming to fruition today.

Frank was never constrained by convention and he was just as happy working on global datasets as he was working at the prospect scale. He was equally comfortable engaging with academia as he was with industry and often sought innovation in unfamiliar areas such as biomedical imaging, bringing back ideas to help solve exploration problems. His enthusiasm was infectious and he was a wonderful mentor, a talented scientist, always passionate and committed to geophysical exploration.

Recognising that effective data integration and visualisation of our data sets remains one of the biggest challenges explorers face today, this article in *Preview*

announces a ‘collaborative’ challenge for **innovation in visualisation and data integration** in Frank’s honour.

This global challenge is open to both industry and academia with categories defined as follows:

Experienced >5 years since obtaining undergraduate degree

Apprentice <5 years since obtaining undergraduate degree

Any individual participants must hold or be completing a geoscience degree. As collaboration in data integration is a key theme, team entries are preferred with a mix of **geophysics, geology and geochemistry**.

Participants are invited to work on one of five high quality data packages assembled for districts with exploration potential from around the globe. These data packages will be available for download from www.frankarnottaward.com after April 2015.

- **Broken Hill** Proterozoic Ag, Pb, Zn in intracratonic rift setting, NSW, Australia
- **Gawler Craton** Proterozoic IOCG, Au in multiple tectonic subdomains, SA, Australia
- **Kevitsa** Layered ultramafic Ni-Cu-PGM deposit, Lapland, Finland
- **Quesnel Trough** Alkaline porphyry Cu-Au terrain, BC, Canada
- **Yukon Plateau** Epithermal Au/porphyry Cu terrain, Yukon, Canada

Whilst each data package contains an extensive array of data types, the ability to find and utilise additional data will contribute to the assessment. These may include data from government agencies or completely independent multi-disciplinary datasets.

Final submissions are due 31 December, 2016. The results of all participant **submissions must be available for publication**.

Independent judges will evaluate the **submissions in early 2017** using the following four criteria:

1. **Innovation** in data integration and visualisation. Visualisation can include existing or new methodologies. Data

integration should focus on disparate geoscience methods and disciplines

2. **Exploration significance:**

Demonstrate how the approach would improve exploration outcomes

3. **Impact:** Benefits on workflow and productivity with global exploration significance

4. **Collaboration:** Demonstrate how the team collaborated and as a consequence resulting in an improved result.

The finalists will be encouraged to deliver oral presentations at **Exploration 2017** (6th Decennial International Conference-September 2017; www.exploration17.com) in Toronto, Canada where the awards will be formally presented. The prize pool is growing and now is in excess of C\$40 000.

For further information, explore www.frankarnottaward.com or contact the FAA organising committee:

Theo Aravanis, Rio Tinto Exploration
theo.aravanis@riotinto.com

Tim Dobush, Geosoft Inc.
tim.dobush@geosoft.com

Dave Pratt, Tensor Research
david.pratt@tensor-research.com.au

Ken Witherly, Condor Consulting
ken@condorconsult.com

