2007 Release of Offshore Petroleum Exploration Areas

The 2007 Offshore Petroleum Exploration Acreage release comprises 34 areas, located across six basins. The release areas range from frontier to mature status and offer opportunities for exploration companies of all sizes.

Comprehensive acreage release information packs can be obtained (free of charge) by emailing contact details to: petroleum.exploration@industry.gov.au
Current Exploration Opportunities in the Londonderry High, Bonaparte Basin, Offshore Australia. Open for bids until 18 October 2007

Areas W07-1, W07-2 and W07-3

- Under-explored, shallow water areas adjacent to significant hydrocarbon discoveries.
- Evidence of oil and gas generation, migration and accumulation.
- Potential Mesozoic petroleum system along the margin of the Londonderry High and Vulcan Sub-basin.
- Tilted Permo-Triassic and Jurassic fault blocks with multiple reservoir facies.
- Various styles of structural and stratigraphic traps.
- Special Notices apply, refer to Guidance Notes.

Geoscience Australia Reports/Products

New Reports/Products

- Source rock time-slice maps (TOC, HI, VR), offshore Northwest Australia - 1:3,000,000 scale (GA Catalog No. 61579).
- Oils of Western Australia II: Regional Petroleum Geochemistry and correlation of crude oils and condensates from Western Australia and Papua New Guinea (GA and GeoMark Research, 2005).

Other Reports/Products

- Line drawings of Geoscience Australia’s regional seismic profiles, offshore northern and northwestern Australia. GA Catalog No. 36373.
- Vulcan Sub-basin high-resolution seismic survey VTI-163 and 165, and Interpretation Report. GA Record 1996/61.
- Oils of Western Australia: Regional Petroleum Geochemistry and correlation of crude oils, GA and GeoMark Research, 1996.
- Vulcan Sub-basin Geohistory Modelling CD. GA Record 1999/40. GA Catalog No. 31483.
- Northwestern and Northern Australian margins stratigraphic chart showing GA’s interpreted regional seismic horizons, 2001. GA Catalog No. 36454.

Industry Products