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## BROWSE LNG DEVELOPMENT

BROWSE GEOPHYSICAL AND METOCEAN PROGRAM

FACT SHEET | DECEMBER 2008

### Programme details

Woodside Energy, as operator for the Browse joint venture, will be undertaking a Geophysical and Metocean Program. The Program will be undertaken intermittently between the period of October 2008 to December 2010. The Program will result in the gathering of seabed and subsea information to assist with the detailed design and evaluation of subsea facilities installation, platform construction, pipeline stabilisation, marine facilities construction and pipeline shore approach. The information will also be used to plan future geotechnical investigations.

Activities will occur in offshore and nearshore waters off northern Western Australia, with the location covering an extensive area between the Dampier Archipelago, north to Cape Leveque and seaward to Scott Reef (Figure 1).

The associated Browse LNG Development Geophysical and Metocean Environment Plan has been reviewed by the Department of Industry and Resources, and activities will consist of:

- Geophysical surveys to map and describe seabed and shallow sub-seabed over the Browse gas fields, potential platform locations, proposed pipeline routes and in the vicinity of the proposed marine export facility. The surveys will include slope stability analysis at the Browse gas fields and characterising the structure of the seabed over proposed development areas.
- Metocean measurement surveys over the Browse gas fields, potential platform locations, along the proposed pipeline routes and pipeline shore crossing locations in the vicinity of the proposed marine export facility.

### Current activities

#### Workscope

The first three surveys under this Program are planned to commence on, or around, 15 December 2008 for a period of approximately three months. A single geophysical vessel will be used and activities will involve single beam and multibeam bathymetry, combined sidescan sonar and chirp profiler, boomer, sparker and cone penetrometer testing.

#### Survey areas

These activities will occur within the Open Water Management Area (Figure 1).

#### Contractor

Gardline Marine Sciences Pty Ltd



*MV Ocean Endeavour*

*For further information, please contact:*

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**Vessel details** *MV Ocean Endeavour* (call sign GAAL)  
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 Email: endeavour@gardline.com

**Service port** Broome

**Joint venture participants** Chevron Australia Pty Ltd, BHP Billiton (North West Shelf) Pty Ltd, Shell Development Australia Pty Ltd, Woodside Energy Ltd, BP Developments Australia Pty Ltd

All activities will be undertaken under Woodside's strict occupational, health and safety standards and will comply with the environmental commitments outlined in the Environment Plan accepted by the Department of Industry and Resources.

*Note: Timings are indicative only and may be subject to change*

**Figure 1**

