



Keraudren Seismic Survey

This document provides notification of NOPSEMA’s decision made under regulation 10 of the Offshore Petroleum and Greenhouse Gas Storage (Environment) Regulations 2009 (Environment Regulations). In this instance, NOPSEMA is providing an opportunity to modify and resubmit the environment plan as it is not reasonably satisfied that the plans meets the acceptance criteria set out in the regulations.

Submission information

Titleholder¹:	Quadrant Oil Australia Pty Limited and Quadrant Northwest Pty Ltd
Environment plan:	Keraudren Seismic Survey environment plan (EP) (Document No. QE-91-RI-20012.01, Revision 0)
Petroleum title(s)/Application number(s):	WA-435-P, WA-437-P, WA-436-P and WA-438-P
Date submitted to NOPSEMA:	07/12/2018
Activities type(s)²:	<ul style="list-style-type: none"> Marine Seismic Survey
Activity overview: <i>As described on the NOPSEMA website.</i>	<p>Recent exploration undertaken by Quadrant in the Bedout Sub-basin has identified hydrocarbons within several reservoirs. To further appraise the hydrocarbon resources, Quadrant is seeking to acquire additional subsurface data via a seismic survey in Commonwealth waters approximately 118 km north of Port Hedland. The proposed Keraudren Seismic Survey is within petroleum permits WA-435-P, WA-436-P, WA-437-P and WA-438-P. The seismic survey covers a total area of 5,539 km², including vessel ‘ramp up zones’. An additional operational area has been allowed for vessel manoeuvring, providing for a total operational and seismic survey area of 10,690 km².</p> <p>Water depths in the operational area range from 50 m to 150 m.</p> <p>This activity is expected to take between 80 and 110 days, subject to weather conditions and vessel availability, in a window between February to July 2019.</p> <p>Operational Details</p> <p>The seismic survey will acquire data in two directions, defined as the Exploration Seismic Survey Area which runs north-west to south-east, and the Development Seismic Survey Area which runs north north-east to south south-west.</p> <p>Seismic acquisition in the Exploration Seismic Survey Area will be via methods and procedures similar to other 3D marine seismic surveys conducted in Australian waters. One seismic survey vessel will tow a seismic source array and streamers to survey the area.</p> <p>Seismic acquisition for the Development Seismic Survey Area will be via a modified version of a typical 3D marine seismic survey and involve the use of a</p>

second survey vessel. The primary survey vessel will tow a seismic source array and streamers, over which the secondary survey vessel towing only a seismic source array (i.e. no streamers) will follow. The primary and secondary survey vessels will sail in the same direction and be separated by a distance of approximately 3 kilometres.

Decision:	Not reasonably satisfied
Decision date:	20/01/2018
Resubmission due date³:	10/01/2019
Decision made by:	Representative of NOPSEMA: Environment Manager - Seismic & Production Operations

Basis of decision

NOPSEMA has assessed the environment plan in accordance with its assessment policies and procedures. On completion of assessment, NOPSEMA has decided that it is not reasonably satisfied that the environment plan meets the criteria below as set out in regulation 10A of the Environment Regulations:

- (b) demonstrates that the environmental impacts and risks of the activity will be reduced to as low as reasonably practicable
- (c) demonstrates that the environmental impacts and risks of the activity will be of an acceptable level
- (d) provides for appropriate environmental performance outcomes, environmental performance standards and measurement criteria

Titleholder requirements

In accordance with regulation 10, the titleholder is required to modify and resubmit the environment plan. Upon resubmission of the plan, NOPSEMA will continue to assess the submission in accordance with its assessment policies and make a decision under regulation 10. After a titleholder has been provided with reasonable opportunity to modify and resubmit an environment plan, NOPSEMA will make a final decision on whether to accept or refuse to accept the environment plan.

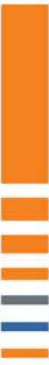
How to get further information

If you have any further questions regarding the activity it is suggested you contact the titleholder's nominated liaison person for the activity.

If you would like to access any further information regarding this decision, or would like to contact NOPSEMA please email environment@nopsema.gov.au.

¹ A titleholder includes an applicant for a petroleum access authority, petroleum special prospecting authority, pipeline licence, greenhouse gas search authority or greenhouse gas special authority under sub-regulation 9(2).

² Activity type as listed in the Offshore Petroleum and Greenhouse Gas Storage (Regulatory Levies) Regulations 2004



³ NOPSEMA sets the proposed timeframe for resubmission; after which NOPSEMA may determine a reasonable opportunity has been given and NOPSEMA may refuse to accept the plan. Titleholders can request an extended timeframe.