

The following project overview is provided as an indication of the proposed activity. The details below are intended to initiate consultation with relevant persons.

Pilot Energy is planning to undertake the Eureka 3D Marine Seismic Survey (the 'survey') in the Northern Perth Basin over exploration permit WA-481-P, in Commonwealth waters. At its nearest points, the activity planning area is approximately 7km from the coast of Western Australia between Port Denison and Leeman. Water depths in this activity planning area range from 10 m to 60m.

The exact details of the survey will be refined through consultation with relevant persons and completion of an environmental impact and risk assessment. The process of refining the survey will occur during the consultation period which runs from 1 February 2023 to 27th November 2023 and throughout the regulatory assessment period.

To assist the public and relevant persons understand the proposed activity the following details are the current planning basis for the survey. The Activity Planning Area and the Environmental Planning Area can be seen in the [interactive map](#) where you can view and share location-based feedback.

Activity Planning Parameter	Detail
Earliest start date	1st January 2025*
Latest finish date	31st December 2026*
Survey duration (petroleum activity)	40 days
Maximum acquisition days	30 days

*Subject to change

The survey vessel parameters are dependant on which vessels are available at the time of contracting. The vessel will sail back and forth across the acquisition area along sail lines between 200 m to 500 m apart, acquiring seismic data. Seismic sound will be generated from three pneumatic source sub-arrays operating alternatively, one discharging as the others recompress, with a maximum source volume of 2,495 cubic inches (cui) and an operating pressure of 2,000 pounds per square inch (psi). The vessel is expected to tow approximately 6 hydrophone 'streamer' cables approximately 6,000m long, which contain the sound sensors that detect the pressure and velocity of sound levels reflected from the geophysical structures being targeted. In the shallower eastern part of the survey area, ocean bottom nodes will be placed on the seafloor as receivers. In this region, the vessel will only tow a source and won't use streamers.

We recognise that there are environmental trade-offs that need community consultation during the design of the survey. We have commenced the preparation of an Environment Plan (EP) and we will keep the community informed of the outcomes of that work as it becomes available. Pilot Energy will continue to consult with relevant persons as the project progresses to ensure the protection of important marine fauna and socio-economic interests.

To receive more information about the activity when it becomes available, [please register to receive the Eureka 3D Newsletter](#).

If you think you may be affected by this activity you can take our [consultation survey](#) to determine the best way for you to consult with Pilot Energy about this activity.

October 2023 Update

Activity carried out by  **Pilot Energy**

EP prepared by 

Contact us

Email: contact@eureka3dmss.com.au

Phone: +61 497 832 046

Web: www.eureka3dmss.com.au

