REGIA
Marine Seismic Survey

Activity Overview

October 2023

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

CGG is planning to undertake the Regia 3D Marine Seismic Survey (the 'survey') in the Otway Basin over open and held acreage, in Commonwealth waters. At its nearest points, the survey area is located approximately 8.5 km from the city of Warrnambool and may come within 7km of the Victorian coast. Water depths in this area range from 15 m to 1,000 m.

The survey design will be the subject of consultation with relevant persons and with our clients and is not yet finalised. The process of refining the survey will occur during the consultation period which runs from 1 February 2023 to 20 October 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 Regia survey. The Activity Planning Area and the Activity Planning Risk Area can be seen in the interactive map where you can view and share location-based feedback. You can subscribe to our newsletter to stay up to date with how the activity details narrow over time to reduce our environmental impacts.

Activity Planning Parameter	Detail
Earliest start date	1st April 2024
Latest finish date	31st December 2028
Survey duration	90 days
Maximum acquisition days	60 days

The survey vessel will sail back and forth across the acquisition area along sail lines between 500 m to 900 m apart, acquiring seismic data. Seismic sound will be generated from three acoustic source sub-arrays operating alternatively, one discharging as the others recompress, with a maximum source volume of 2,820 cubic inches (cui) and an operating pressure of 2,000 pounds per square inch (psi). The vessel will tow 12 hydrophone 'streamer' cables approximately 8,100 m long, which contain the sound sensors that detect the pressure and velocity of sound levels reflected from the geophysical structures being targeted.

We recognise that there are environmental trade-offs that need community consultation during the design of the survey. Our current understanding and preference is to avoid the Southern Right Whales while they use their known calving areas due to the their vulnerability at this critical life stage. This occurs between May and October each year so we may have to limit the Regia survey to a November – April acquisition window. We acknowledge that impacts to Pygmy Blue Whales, Southern Rock Lobster, Giant Crabs, and other environmental sensitivities will have to be carefully considered and managed. CGG will work with relevant persons over the next 5 months to ensure the protection of other important marine fauna and socio-economic interests.

To request more information about the activity when it becomes available, please register to receive the Regia 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 CGG about this activity.

Activity carried out by CGG

EP prepared by Klarite

Contact us
Email: contact@regiamss.com.au
Phone: +61 455 344 625
Web: www.regiamss.com.au