



May 22, 2019

Mr. Jerry Witney
New Ventures Manager
New Ventures North and South America
PGS Marine Geophysical NSA
West memorial Place 1
15375 Memorial Drive, Suite 100
Houston, Texas 77079

Dear Mr. Witney:

File No: 45006-020-006

Re: Multiklient Invest AS Labrador Offshore Seismic Program, 2018 to 2023 Environmental Assessment

The Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) has reviewed the environmental assessment (EA) information regarding the proposed survey program as described in the *Environmental Assessment of Multiklient Invest Labrador Offshore Seismic Program, 2018-2023* (LGL Limited July 2018), and the *Revised Environmental Assessment Addendum of Multiklient Invest Labrador Offshore Seismic Program, 2018-2023* (LGL Limited April 2019).

The C-NLOPB has completed its EA determination respecting the Project. A copy of our determination is enclosed for your information.

The EA Report and EA Addendum, as referenced above, describe the Project in sufficient detail and provide an acceptable assessment of the potential environmental effects of the Project. We have considered this information and the advice of the Boards' advisory agencies and have determined that the proposed project, following the application of mitigation measures, is not likely to cause significant adverse environmental effects.

At the time of application for subsequent program authorizations in the Project Area, Multiklient Invest AS will be required to provide information to the C-NLOPB. This information should outline the proposed activities, confirm that the proposed program activities fall within the scope of the previously assessed program, identify other ocean users that could potentially be active in the project area, and indicate if, with this information, the EA predictions remain valid. In addition, Multiklient Invest AS shall provide information regarding the adaptive management of requirements of the *Species at Risk Act (SARA)* into program activities (e.g., introduction of new species or critical habitat to Schedule 1; additional mitigations;

implementation of recovery strategies and/or monitoring plans). If there are any changes in the scope or if new information becomes available that may alter the EA conclusions, then a revised EA will be required at the time of authorization application and/or renewal.

No later than thirty (30) days prior to commencement of the Project, the Operator shall submit a table that lists all of the environmental commitments and mitigation measures made by the Operator during the EA with the subsequent status of those commitments and measures.

The following conditions are recommended to be appended to authorizations granted by the C-NLOPB for the program, as described in the EA reports referenced above.

- *The Operator shall implement or cause to be implemented, all the policies, practices, recommendations and procedures for the protection of the environment included in or referred to in the Application and in the Environmental Assessment of Multiklient Invest Labrador Offshore Seismic Program, 2018-2023 (LGL Limited July 2018), and the Revised Environmental Assessment Addendum of Multiklient Invest Labrador Offshore Seismic Program, 2018-2023 (LGL Limited April 2019).*
- *The Operator, or its contractors, shall shut down the seismic airgun array if a marine mammal or sea turtle listed as **Endangered or Threatened** (as per Schedule 1 of SARA) is observed in the safety zone during ramp- up procedures and when the array is active. The safety zone shall have a radius of at least 500 m, as measured from the centre of the air source array(s).*
- *No later than January 31 of the following calendar year, the Operator shall submit a report to the C-NLOPB describing the progress, including potential environmental effects and the implementation of mitigation measures. It shall include, but not be limited to, electronic copies of the Fisheries Liaison Officer (FLO), marine mammal observer (MMO), in Excel format, and seabird observations and reports that were produced during the program.*

If you have any questions on the attached, or wish to discuss the EA review process, I may be reached at 709-778-4182 or via email at imurphy@cnlopb.ca.

Yours truly,

Original signed by Ian Murphy

Ian Murphy
Environmental Assessment Officer

Enclosure
C. E. Young