



August 14, 2013

Mr. Rob Pitt
LabradorSPAN Environmental Manager
GX Technology Canada
20 Duntara Crescent
St. John's, NL
A1E 5Z1

Dear Mr. Pitt:

Re: GX Technology Canada Ltd. 2D Seismic, Gravity and Magnetic Survey for the Labrador Shelf Area, 2013 to 2015 Environmental Assessment

The Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) has reviewed the environmental assessment (EA) information regarding the proposed seismic, gravity and magnetic survey program in the Labrador Offshore area as described in the *Environmental Assessment of GXT's LabradorSPAN 2-D Seismic, Gravity and Magnetic Survey, 2013-2015* (LGL, 2013a), *GX Technology Canada Ltd. 2-D Seismic, Gravity and Magnetic Survey for the Labrador Shelf Area, 2013 to 2015 Environmental Assessment Responses to Environmental Assessment Review Comments* (GXT, LGL, & Sikumiut 14 June 2013), *GX Technology Canada Ltd. 2-D Seismic, Gravity and Magnetic Survey for the Labrador Shelf Area, 2013 to 2015 Environmental Assessment Responses to Environmental Assessment Review Comments* (GXT & LGL 26 July, 2013) & Assessment of the Environmental Implications of using a 12- km Streamer for GX Technology's 2013 LabradorSPAN 2D Marine Survey (GXT 29 July 2013). The C-NLOPB has completed our environmental assessment determination respecting the Project. A copy of our determination is enclosed for your information.

The EA Report, EA Addendum and supporting documents, as referenced above, describes the Project in sufficient detail and provides 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, GX Technology Canada 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, and indicate if, with this information, the EA predictions remain valid. In addition, GX Technology Canada shall provide information regarding the adaptive management of requirements of the 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.

The following conditions are recommended to be appended to authorizations granted by the C-NLOPB for the seismic survey program, as described in the environmental assessment reports referenced above:

For seismic programs:

- *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 GXT's LabradorSPAN 2-D Seismic, Gravity and Magnetic Survey, 2013-2015 (LGL, 2013a), GX Technology Canada Ltd. 2-D Seismic, Gravity and Magnetic Survey for the Labrador Shelf Area, 201 to 2015 Environmental Assessment Responses to Environmental Assessment Review Comments (GXT, LGL, & Sikumiut 14 June 2013), GX Technology Canada Ltd. 2-D Seismic, Gravity and Magnetic Survey for the Labrador Shelf Area, 201 to 2015 Environmental Assessment Responses to Environmental Assessment Review Comments (GXT & LGL 26 July, 2013) & Assessment of the Environmental Implications of using a 12- km Streamer for GX Technology's 2013 LabradorSPAN 2D Marine Survey (GXT 29 July 2013).*
- *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, 2014, the Operator shall submit a report to the C-NLOPB describing the progress and potential environmental effects of its 2013 2D seismic program. It shall include, but not be limited to, copies of the Fisheries Liaison Officer (FLO) reports and the marine mammal observer (MMO) reports that were produced during the program.*

If you have any questions on the attached, or wish to discuss the environmental assessment review process, I may be reached at 709-778-4232 or via email at eyoung@cnlopb.nl.ca.

Yours truly,

Original signed by Darren Hicks for Elizabeth Young

Elizabeth Young
Environmental Assessment Officer

Enclosure
Cc D. Burley