From: DFO

Sent: Friday, November 28, 2014 8:58 AM

To: Hicks, Darren

Subject: RE: EA Amendment - Electromagnetic Geoservices Canada, Inc., East Canada Controlled

Source Electromagnetic Survey, 2014 to 2018

Darren:

As per your November 24 request I have reviewed the information in support of the above EA amendment with regards to extending the temporal scope of the CSEM survey - Nov 30, 2014 to Dec 31, 2014 - to allow retrieval of the electromagnetic receivers. I offer the following:

As noted in the project EA the prediction of effects from retrieval of the electromagnetic receivers on fish and fish habitat, fisheries, marine mammals and species at risk between 1 May and 30 November in any year from 2014 to 2018 have been described to be likely "negligible residual effects" and therefore "not significant". It is felt that extension of timing of receiver retrieval – November 30, 2014 to December 31, 2014 - would not likely change the initial impact prediction of "negligible / not significant residual effects" on fish, fish habitat, marine mammals, fisheries and species at risk. Based on information presented in the initial project EA it is interesting to note that marine mammal sightings (see Section 4.4.1.2) have generally been lower during the month of December compared to other months, and historical data for commercial fisheries landings (see Section 4.3.3.5) in the Study Area are lower in the month of December compared to other months. It is felt that mitigation measures described previously (see Section 6.0 Mitigations and Follow-up) with respect to communications and scheduling with fishing, research and shipping vessels should be maintained during the extended receiver retrieval time frame.

I trust that this will be helpful, if any questions please let me know.

Regards,

Senior Fisheries Protection Biologist – Marine, Coastal, Oil and Gas Development Fisheries Protection and Regulatory Reviews
Ecosystems Management Branch
Fisheries and Oceans Canada – NL Region
P.O. Box 5667 St. John's NL A1C 5X1

From: Hicks, Darren [mailto:DHicks@cnlopb.ca]

Sent: November 24, 2014 9:00 AM

To: EC; DFO; DND; NL DNR; NL DEOC; NL DFA

Cc: C-NLOPB

Subject: RE: EA Amendment - Electromagnetic Geoservices Canada, Inc., East Canada Controlled

Source Electromagnetic Survey, 2014 to 2018

Hello all: Electromagnetic Geoservices Canada, Inc. (EMGS) has submitted the enclosed report to the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) as an amendment to the Environmental Assessment East Canada CSEM Survey 2014-2018 (LGL Limited March 2014) and the Environmental Assessment East Canada CSEM Survey, 2014-2018 Addendum (LGL Limited July 2, 2014). The "Environmental Assessment East Canada CSEM Survey, 2014-2018 Amendment" (November 21, 2014) has been submitted in support of EMGS's request to extend the temporal scope of their geophysical project by one month from November 30, 2014 to December 31, 2014.

The C-NLOPB requests that you review the enclosed EA Amendment and provide your response no later than December 5, 2014, earlier replies would be appreciated. If you have any questions you may contact me (709-778-1431 or dhicks@cnlopb.ca).

Reagrds Darren

Darren Hicks, M. Env. Sci. Environmental Analyst t. 709 778 1431

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