

From: DFO

Sent: Tuesday, April 11, 2017 1:08 PM

To: Hicks, Darren

Subject: RE: Electromagnetic Geoservices Canada, (EMGS) Inc., East Canada Controlled Source Electromagnetic (CSEM) Survey, 2014 to 2018

Hey Darren:

Based on the project EA Amendment the proponent has proposed to increase the source output from 1,250 A to 10,000 A. This may subsequently increase the magnetic and electric fields by 8 fold to 80  $\mu$ T at 100 m for magnetic field and 144 mV/m (1,440  $\mu$ V/cm) at 30 m for electric field. Modelling the EM field results using these thresholds is mentioned in the Amendment and the original EA and notes a zone of influence (ZOI) of 400 m and 800 m for magnetic and electric fields respectively for the original source, and 500 m and 800 m magnetic and electric field for the new proposed source. It is not clear why the 800 m radius has not changed given the 8 fold increase in source output nor is it clear whether this changes the level of confidence in the overall significance of effects prediction.

Regards,

Senior Biologist – Coastal, Marine Oil & Gas Development  
Fisheries Protection Program – Regulatory Reviews  
Ecosystems Management Branch – NL Region  
Fisheries and Oceans Canada  
P. O. Box 5667  
St. John's NL A1C 5X1  
Fax 709.772.5562

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

Sent: March-09-17 10:19 AM

To: DFO; ECCG; DND; NRCAN; NL MA and E; NL FLR; NL DNR

Cc: C-NLOPB

Subject: RE: Electromagnetic Geoservices Canada, (EMGS) Inc., East Canada Controlled Source Electromagnetic (CSEM) Survey, 2014 to 2018

Good morning All: EMGS has submitted an amendment to its East Canada Controlled Source Electromagnetic (CSEM) Survey, 2014 to 2018, please see the attached. The C-NLOPB is requesting that comments be submitted by close of business March 23, 2017. If no comments are submitted by this date then the C-NLOPB will assume no comments will be submitted by your department.

Further details on this program may be found at

<http://www.cnlopb.ca/assessments/emgscsems.php>

If you have any questions please feel free to contact us.

Regards  
Darren

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

twitter@CNLOPB  
www.cnlopb.ca

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