

From: DFO  
Sent: Monday, July 28, 2014 11:43 AM  
To: Hicks, Darren  
Cc: DFO  
Subject: RE: Hibernia Management and Development Company Ltd. 2D/3D/4D Seismic Projects for the Hibernia Oil and Gas Production Field, 2013 to Remaining Life of Field

Hi Darren,

We (the Fisheries Protection Program) have reviewed the Proposed Changes to: HMDC's 2D/3D/4D Seismic Projects 2013-Life of Field Newfoundland Offshore Area and offer the following comment:

Section 2.2.9 Seismic Energy Source Parameters (page 5)

- With respect to the proposed OBS survey "The air source operates on compressed air at pressures 1,800 to 2,500 psi, and produce approximate peak-to-peak pressures 100 to 180 bar-m." The output range and source operating pressure for OBS should be reflected in Table 1 (page 3) since OBS is included in the Table under 'Type of Survey'.

Fisheries Protection Program Biologist  
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From: Hicks, Darren [mailto:DHicks@cnlopb.nl.ca]  
Sent: July 11, 2014 12:08 PM  
To: DFO; EC; DND; NL DNR; NL DEOC; NL DFA  
Cc: C-NLOPB  
Subject: RE: Hibernia Management and Development Company Ltd. 2D/3D/4D Seismic Projects for the Hibernia Oil and Gas Production Field, 2013 to Remaining Life of Field

Hello all: on July 9, 2014 the C-NLOPB received the attached documents from HMDC that outline proposed changes to their proposed seismic program. Please review the attached and provide comments by close of business August 22, 2014. Please note that there are no seismic plans for 2014.

Cheers  
Darren

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