

The use of seismic survey to visualize rock strata below the surface has been a key component of petroleum exploration for much of the industry's history. Seismic survey in Newfoundland and Labrador is seen as a priority for One Ocean due to expressed concern from the fishing industry about potential effects of seismic operations on marine life. One Ocean works to bring together the fishing and petroleum industries to exchange information in this area and to identify future needs.

One Ocean held an informal discussion on April 25, 2003, on seismic concerns in the Newfoundland and Labrador region (Proceedings and presentations posted on website). It resulted in recommendations identified by participants for further research and highlighted the need for effective consultation between the fishing and petroleum industries.

The Department of Fisheries and Oceans (DFO) and One Ocean hosted a seismic workshop on November 2, 2006. This workshop was an opportunity for representatives of the fishing and petroleum industries to continue dialogue on seismic survey, exchange views and experiences and build on lessons learned and practices they have developed between their industries (Proceeding will be made available by DFO at a later date).

Then following links are seismic presentations/documents:

Fisher Harvesters Perspective on Seismic Surveys- Jamie Coady, FFAW

Potential Impact of Seismic Energy on Snow Crab – DFO, Gulf region

Effects of exposure to seismic airgun use on hearing of three fish species

Norwegian Oil Industry Association – Seismic Surveys Impact on Fish and Fisheries – Ingebret Gausland

Seismic acquired in Newfoundland and Labrador Offshore area -CNLOPB

Seismic Surveys Regulatory Process – Kim Coady- CNLOPB

Seismic Surveys – The search for Oil and Gas in Offshore Atlantic Canada – CAPP

Link to ESRF seismic reports from their webpage