

## Appendix A

### Public Review of Arctic Safety and Environmental Offshore Drilling Requirements Scope

This review is to support the ongoing implementation of the requirements for conducting offshore drilling under the *Canada Oil and Gas Operations Act*<sup>1</sup> in compliance with the *Canada Oil and Gas Drilling and Production Regulations*<sup>2</sup>. The review will engage industry and the public in examining the best available information concerning the hazards, risks and mitigation measures associated with offshore drilling activities in the Canadian Arctic and the measures to both prevent and respond to accidents and malfunctions. The results of the review will be incorporated in the examination, by the Board, of future applications for offshore drilling in the Arctic.

The scope of this review will include:

#### *Drilling safely while protecting the environment*

1. Potential hazards and risks associated with Arctic offshore drilling, including threats to public safety, worker safety and the environment;
2. Identification and the effectiveness of measures employed to prevent and mitigate the risks associated with Arctic offshore drilling, including the use of management systems;
3. State of knowledge on the Arctic offshore, including the physical environment, biological environment and geosciences;
4. Effectiveness and reliability of available well control methods, including consideration of emerging technologies;

#### *Responding effectively when things go wrong*

5. State of preparedness to respond to drilling accidents, spills and malfunctions, including consideration of contingency planning requirements, emergency response planning requirements, infrastructure, equipment, supplies and training needs;
6. Effectiveness and reliability of options for regaining well control, including relief wells;
7. The effectiveness and availability of spill containment and clean-up options under Arctic conditions, including tracking methods, recovery technologies, procedures, equipment and trained personnel;
8. Financing spill clean-up, restoration and compensation for loss or damage;

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<sup>1</sup> <http://www.neb-one.gc.ca/clf-nsi/rpblctn/ctsndrgltn/ct/cndlndgsprtnsct-eng.html>

<sup>2</sup> <http://laws.justice.gc.ca/eng/SOR-2009-315/index.html>

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9. State of knowledge of long term impacts of a spill on the environment, way of life and communities in Canada's Arctic;

### *Learnings*

10. Lessons learned from accidents, incidents and emergency response exercises, particularly those relevant to northern offshore environments;

### *Filing requirements*

11. Information to be required from an applicant seeking authorization to drill an offshore well.