

**Field Studies Information Sheet – December 2014**

Port Metro Vancouver is continuing field studies in December 2014 as part of ongoing environmental and technical work for the proposed Roberts Bank Terminal 2 Project.

**Roberts Bank Terminal 2 Project**

The Roberts Bank Terminal 2 Project is a proposed new three-berth container terminal which could provide 2.4 million twenty-foot equivalent unit containers (TEUs) of additional container capacity annually. The project is part of the Container Capacity Improvement Program, Port Metro Vancouver’s long-term strategy to deliver projects to meet anticipated growth and demand for container capacity until 2030.

No decision has been made to proceed with the proposed Roberts Bank Terminal 2 Project. Port Metro Vancouver is undertaking a comprehensive multi-round, multi-year community, stakeholder and public consultation process regarding the project, which began in June 2011 with Pre-Consultation, continuing in October/November 2012 with Project Definition Consultation, in October/November 2013 with Pre-Design Consultation, and in September/October 2014 with consultation regarding Proposed Environmental Mitigation Concepts. Please visit [www.portmetrovancover.com/RBT2](http://www.portmetrovancover.com/RBT2) for more information, including current and past consultation materials.

The proposed Roberts Bank Terminal 2 Project will be subject to an environmental assessment by an independent review panel.

**Field Studies – December 2014**

An overview of field studies that will be taking place in December 2014 is below.

<b>Overview</b>
<b>Coastal Geomorphology</b>
Abiotic Parameters Study
<b>Marine Mammals</b>
Marine Mammal Observation Study
Underwater Noise Study

Some field studies may require access to public and private land. Port Metro Vancouver will obtain permission before accessing private property. As part of the Adaptive Management Strategy developed as part of the Deltaport Third Berth Project, Port Metro Vancouver will continue studies at Roberts Bank in addition to those outlined in this information sheet.

Port Metro Vancouver will produce monthly field studies information sheets summarizing work to occur each month. These updates will be available at [www.portmetrovancover.com/RBT2](http://www.portmetrovancover.com/RBT2).

Study Name	Summary
<p><b>Coastal Geomorphology – Abiotic Parameters Study</b></p> <p>(continued from November 2014)</p>	<p><u>Purpose:</u> To determine the physical conditions (e.g., temperature and salinity) influencing biofilm presence and distribution at Roberts Bank.</p> <p><u>Study Area:</u> Roberts Bank in the upper and mid intertidal zones north of the Roberts Bank causeway.</p> <p><u>Methods:</u> Water quality measurements (conductivity, temperature and depth) will be recorded in the mid and upper intertidal zones of Roberts Bank.</p> <p><u>Timing:</u> May continue in December 2014 at night.</p>
<p><b>Marine Mammals – Marine Mammal Observation Study</b></p> <p>(continued from November 2014)</p>	<p><u>Purpose:</u> To document marine mammal presence and behaviour in the waters surrounding the marine terminals at Roberts Bank.</p> <p><u>Study Area:</u> The waters in the vicinity of the marine terminals at Roberts Bank.</p> <p><u>Methods:</u> A ground-based remote video surveillance system may be used to observe the proposed project footprint for marine mammals.</p> <p><u>Timing:</u> To continue in December 2014 during daylight hours.</p>
<p><b>Marine Mammals – Underwater Noise Study</b></p> <p>(continued from November 2014)</p>	<p><u>Purpose:</u> To capture baseline data on ambient underwater noise levels and southern resident killer whale (SRKW) presence at Roberts Bank.</p> <p><u>Study Area:</u> The waters in the vicinity of Roberts Bank.</p> <p><u>Methods:</u> At Roberts Bank, both ambient noise levels and marine mammal vocalizations are being recorded continuously for one year using a hydrophone cabled to shore.</p> <p><u>Timing:</u> To continue in December 2014.</p>

**For Further Information**

For further information, please visit our website at [www.portmetrovancover.com/RBT2](http://www.portmetrovancover.com/RBT2)  
or contact us:

**Phone:** 604.665.9337

**Fax:** 1.866.284.4271

**Email:** [container.improvement@portmetrovancover.com](mailto:container.improvement@portmetrovancover.com)