

ADDRESSING SPILL RESPONSE WITH SCIENTIFIC RESEARCH

SAFETY



SAFETY FIRST

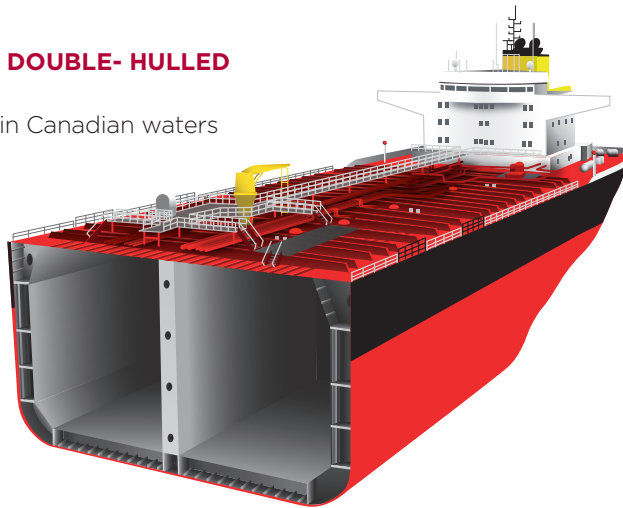
Canada's oil and natural gas industry is committed to improving environmental performance and ensuring the protection and safety of our coastlines.

Tankers have moved regularly and safely along Canada's West Coast since the 1930s. In 2016, more than one million tonnes of oil, or about 23,000 barrels of oil per day, was shipped from the Port of Vancouver.

Source: Port of Vancouver

CROSS SECTION OF A DOUBLE- HULLED MARINE VESSEL

100 per cent of tankers in Canadian waters must have double hulls.



FINDING A MADE-IN-CANADA SOLUTION

The Canadian Association of Petroleum Producers (CAPP) and the Canadian Energy Pipeline Association (CEPA) have commissioned work on an independent, science-based study to look at the fate and behaviour of oil on water.

This made-in-Canada study, which began in 2017, builds on extensive research already conducted. The study will provide a better understanding of the behaviour of oil in the unlikely event of a spill on water – lakes, rivers or the ocean. It will consider weather conditions, water types and a wide range of temperatures.



Canadian Energy Pipeline Association
aboutpipelines.com

TODAY, ABOUT
60 PER CENT
OF ALL OIL
TRANSPORTED
AROUND THE
WORLD IS SHIPPED
BY TANKER.

Source: Clear Seas Centre for Responsible Marine Shipping, 2017

The information gathered through this research will help support marine safety, enhance spill preparedness, improve response effectiveness in the short term (within the first 72 hours of a spill) and during the recovery phase.

SAFETY

TAKING A COLLABORATIVE APPROACH

The study is being guided and supported by an independent scientific advisory committee. A third-party independent expert with extensive knowledge about the fate and behaviour of oil is undertaking the testing. The study will look at the physical and chemical properties of various oils shipped across North America. Tests are being done to understand how oil behaves in ocean and fresh water settings, and under different Canadian environmental and weather conditions.

The scientific advisory committee provides the technical knowledge and guidance needed to ensure the research study is effective. Its members include representatives from Environment and Climate Change Canada, Fisheries and Oceans Canada, the National Energy Board, Natural Resources Canada and a world-renowned spill expert.

This work will build upon other Canadian research about the behaviour of spilled oil, including laboratory tests conducted by Natural Resources Canada, Environment and Climate Change Canada, and other federal and private research initiatives.

ALWAYS EVOLVING, ALWAYS IMPROVING

CAPP and CEPA support science-based studies aimed at improving transportation standards in Canada. Canada's oil and natural gas industry is committed to safety and world-leading response mechanisms in all areas of operations. Industry continuously looks at ways to improve understanding, knowledge, and best practices in oil and natural gas operations to the benefit of all Canadians.

When the results of the study are available Canadians will have an opportunity to review and assess the findings.

CAPP AND CEPA
SUPPORT
SCIENCE-BASED
STUDIES AIMED
AT IMPROVING
TRANSPORTATION
STANDARDS IN
CANADA.

All public comments and inquiries can be made to marinesafety@capp.ca.