

Strait of Canso



Client

Svitzer Canada Ltd.

Vessel Type

VLCC 300,000 T and ASD Tugs

Lieu

Halifax, Nova Scotia, Canada

Feasibility Study for an Oil-Handling Terminal

Svitzer Canada Ltd. called on the services of the Maritime Simulation and Resource Centre (MSRC) in order to determine the number and minimal capacity of tugboats required to ensure safe and proper assistance for berthing and unberthing manoeuvres of VLCC vessels at its terminal.

Pilots from the Atlantic Pilotage Authority and tugboat captains from Svitzer Canada used all four bridges of the MSRC navigation simulator to conduct a series of interactive simulations on various types of oil tankers assisted by 5,000 HP tugboats, which were fitted with azimuthing podded propulsion (Z-drive).

The MSRC developed a geographic database for the site, integrating the currents used for simulations.

