



Client

Valero

Vessel Type

Panamax & Post-Panamax with ASD Tugs

Location

Saint Romuald, Quebec, Canada

Manoeuvring Feasibility Study for an Oil Terminal

Ultramar, owned and operated by Valero, mandated the Maritime Simulation and Resource Centre (MSRC) to validate the prospect of docking larger ships at section 86 of its Saint Romuald tanker terminal. To this end, the MSRC conducted a series of simulated manoeuvres with two interactive ASD Tugs.

The objective of the simulated manoeuvres was to determine if section 86 allowed Panamax and Post-Panamax type ships to safely dock within the wind and current operational limits at that particular dock. The choice of ships, in terms of dimension and tonnage, was established according to the criteria identified by Ultramar.

All manoeuvres were conducted by an experienced pilot from the Corporation of Lower Saint Lawrence Pilots (CPSLC) at the helm of the large vessels and each tug was operated by an actual tug master.

