



## Client

Sandwell

## Vessel Type

LNG and ASD Tugs

## Location

Cacouna, Quebec, Canada

## Feasibility study - New port infrastructure for LNG carriers

Modelling of the LNGC pier, including an accurate database of the tidal currents for the CACOUNA ENERGY LNG terminal project in Canada, and finalization of berthing and unberthing procedures developed for normal and critical conditions.

Manoeuvring procedures were carried out with tidal currents of up to three knots (1.54 m/s) and with the assistance of up to four Z-drive tugboats.

The force exerted by the ice was also modelled in order to reproduce the behaviour of a ship manoeuvring in ice-encumbered waters.

