

Ice Profiler at LNG Terminal Site

The port of Gros Cacouna on the St Lawrence River downstream of Quebec City is the proposed site of an LNG offloading terminal. Trow Engineering, on behalf of TransCanada and Petro-Canada, hired ASL to collect and process current, wave and ice data at the proposed terminal location.

From October through November 2004 an ADCP was moored on site and provided high quality current and wave data. The current data were supplemented by drogued drifter tracks collected by ASL's project partner, Procean Environment Inc.

In November an ASL Ice Profiler was added to the mooring to collect ice draft data over the coming winter. A second ADCP was also added as, at present, the RDI ADCPs cannot simultaneously collect wave and bottom track data. The bottom-track data are needed to measure the ice velocity.

The project is planned for one year, but may be extended.

<https://www.hydro-international.com/content/news/ice-profiler-at-lng-terminal-site>
