ICE PROFILER™
Real Time Ice Monitoring on the St. Lawrence River

ASL has recently modified the firmware of an Ice Profiler being used by the Canadian Coast Guard in order to provide a real time serial output. In addition, pc-based software to display the data was also supplied by ASL. This will allow the Coast Guard to provide real time monitoring of ice conditions in the St. Lawrence River.

Another AUV Application

Dr. Fukamachi of Hokkaido University, Japan has ordered a modified version of ASL’s Ice Profiler for installation aboard an AUV owned by KDDI Corporation and manufactured by Mitsui Engineering and Shipbuilding Co, Ltd. of Tokyo. The AUV is planned to begin a cruise off the coast of Hokkaido in February of 2002. This is the second sale of an Ice Profiler for AUV applications, following a sale to the Monterey Bay Aquarium Research Institute earlier this year.

Sakhalin Energy

Sakhalin Energy has contracted with ASL to refurbish and re-deploy Ice Profiler and ADCP instruments at three sites off Sakhalin Island, Russia. This contract is a continuation of a project that ASL has been engaged on since 1996.

Way Up North

ASL has completed a contract with the Arctic and Antarctic Research Institution of St. Petersburg, Russia under which ASL sold and deployed two Ice Profilers, along with other instruments to measure ice drafts and velocities at two locations in the Pechora Sea over the coming winter. The data from these instruments will be used by Conoco and Lukoil in the design of offshore tanker loading terminals.

Syntactic Foam Floatation collars were used with all the instruments they withstand ice impact better than traditional floats.