

## **Customized Ice Profilers™ to be used in Arctic Study**

Dr Andreas Muenchov and Mr David Huntley of the University of Delaware are using two specially modified versions of the Ice Profiler from ASL Environmental Sciences of Sidney, BC Canada as part of the NSF-sponsored Canadian Archipelago Throughflow Study. **The main purpose of this study is to track** the freshwater fluxes out of the Arctic Ocean into the North Atlantic, which impact ocean circulation and thus global climate. **The** study will take place in the Nares Strait between Ellesmere Island and Greenland beginning this summer and **continuing** for 5 years.

The Ice Profilers have each been delivered with the capability of recording and storing ice keel data over a two-year period and will operate at a depth of 100m. In addition, they have been equipped to withstand pressures of up to 250db and are housed with the batteries and instrument in separate cases to facilitate installation on iceberg-tolerant moorings.

For more information see: <http://www.aslenv.com> and <http://newark.cms.udel/~cats/>

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