



## McLane Celebrates 25 Years of Excellence

In 1983, the first CD arrived in music stores. Motorola began to test cell phone service. In Falmouth, MA, McLane founders Dr. Sus Honjo and Ken Doherty were busy building a new type of sediment sampler in a garage.



Fast forward 25 years. MP3 file downloads outpace CD sales. Last year alone, 1.1 billion cell phones were sold worldwide. Certainly many changes have taken place since 1983!

For McLane, those early Sediment Traps have evolved into a new generation of samplers, profilers and flotation modules deployed in the world's oceans and many fresh water locations. Though we now build many other instruments, our commitment to excellence in science remains as strong today as it was when it all began back in 1983.

A 25th Anniversary Party and Open House are planned for May 3, 2008 in Falmouth to celebrate with everyone who has been part of our story. Hope to see you there!

## New and Notable

New Products and Training, as shown below, have kept us busy collaborating with our customers!



*New WTS-LV Design for Millipore Cartridge Filters*

## Profilers Busy in International Polar Year

McLane Moored Profiler (MMP) and Ice Tethered Profiler (ITP) deployments have continued to increase as part of the International Polar Year (IPY) which began in March '07. MMP's in Alaska, Norway, and Poland were deployed during the Winter and Fall of '07 to collect CTD and ocean current data.

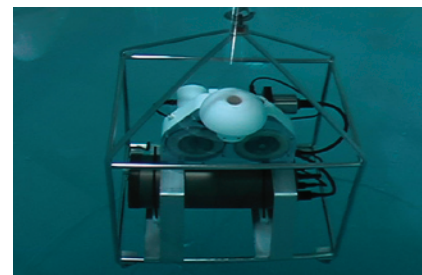
In other IPY studies, Woods Hole Oceanographic Institution (WHOI) continues to deploy more McLane-built ITP's in the Arctic, including a new model integrated

with Wetlabs Puck and Biospherical Par sensors. The ITP's collect and transmit CTD data about conditions under the ice. Scientists monitor this data near real-time via inductive modem and Iridium satellite.

McLane will deliver more ITP's in the Spring of '08 for future deployments by Russian and British scientists.



*At left: ITP with Puck and Par Sensors*



*Zooplankton Sampler with New Hemispherical Intake*

## Recent Deployments and Recoveries

Dr. John 'Chip' Breier and a team from the Woods Hole Oceanographic Institution recently completed the first deployment of the new Suspended Particulate Rosette (SUPR) Sampler at the East Pacific Rise. The new SUPR is a time-series sampler based on the McLane WTS-LV that autonomously collects 24 individual particulate samples onto membrane filters using an 8L/min pumphead.

Also, Dr. Jennifer MacKinnon of UCSD recently completed an innovative MMP deployment in the Indian Ocean using two MMP's on each mooring - one above the other. A 50 day, high frequency sampling study was completed.



*McLane Staff and UK Engineers Training on the RAS-500*



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## McLane Sales Reps Meet at OI 2008

McLane International Sales Reps will meet for lunch in London on March 11 during the Oceanology International (OI '08) Conference. Topics of discussion will include electronic documentation, new marketing materials and customer support.

Also in March, McLane will travel to the ONR/MTS Buoy Workshop in Mississippi. This bi-annual workshop focuses on mooring systems and related technologies. Special topics include inductive communication and the Orion network.

In October 2007 McLane journeyed to Vancouver, BC



*McLane and ROMOR Team up at Oceans '07*

Canada to attend the Oceans '07 MTS/IEE conference. We enjoyed talking with customers at a booth shared with our Canadian Rep ROMOR Atlantic Ltd. We plan to join ROMOR in Quebec City for Oceans '08.

## Customer Support

User Manuals and firmware for McLane products are always available on the website. In addition, we have two new training videos available upon request:

- RAS-500 Priming
- Ice Tethered Profiler Assembly

Product datasheets have also been updated.

## Send a Photo, Get a T-Shirt

Have any great action photos of McLane instruments in the field? In exchange for your pictures we'll send you a McLane t-shirt! Send photos to [mclane@mclanelabs.com](mailto:mclane@mclanelabs.com).