



Dual Filter WTS-LV Deployment (Photo: Dr. K. Wuttig)

October 2015

See You at Oceans '15!

Meet us at Oceans '15 (19-22 October) and let us help you with your scientific instrument needs.

McLane **Booth 309** at the Gaylord National Resort and Convention Center will feature an opportunity to directly interact with our two newest samplers and meet McLane General Manager Jonathan Mogul and Engineering Manager Timothy Shanahan.

- Live demonstrations of an **Imaging FlowCytobot** (IFCB) will include streaming IFCB images from a local water sample.
- Interact with a **Dual Filter WTS-LV** sampler featuring



Bring your questions to **Booth 309** or **contact us** to schedule a meeting during the conference.

- See live **Imaging FlowCytobot** demos including streaming images collected from a local water sample.
- Interact with a **Dual Filter WTS-LV sampler** featuring the newly designed vertical intake filter holders.
- Talk with McLane GM Jonathan Mogul and Engineering Manager Timothy Shanahan about your **sampler** and **profiler** deployments. **Flotation** will also be on display.

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Oceans'15

RBR Loggers now on McLane Samplers

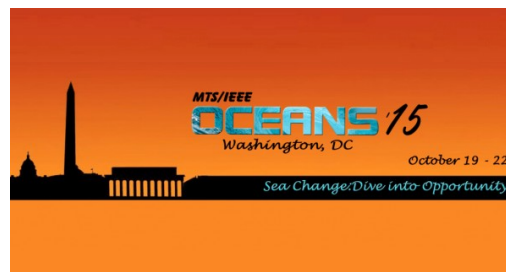
Sediment Trap Options Tailored for your Needs

Science Highlights

New and Updated User Manuals

Science Highlights

- **Sediment Traps** in an **Environmental**



the newly designed dual vertical intake filter holders.

- Posters and information on display will show our entire product line of **profilers**, **samplers**, and **flotation**, including a sample **glass flotation module**.

We hope you come and tell us about your recent projects. If you are not traveling to Oceans '15, we are happy to schedule a **product training visit** or a meeting with one of our Engineers or global **Sales Agents**. **Contact us** for more details.



Sample IFCB Images

RBR Loggers now on McLane Samplers

McLane Sediment Traps now feature an optional integration with the RBR Duo and Virtuoso loggers. The RBR Duo can be configured as a dual channel temperature and depth logger. The RBR Virtuoso is a single channel logger for temperature or depth only. Additional sensors can be interfaced to the RBR loggers.

The RBR loggers can be removed from the Sediment Trap frame and used as stand-alone sensors which adds further flexibility to this option.

When integrated with the Sediment Trap, logger data is retrieved by the Sediment Trap controllers at the pre-programmed intervals. As stand-alone sensors, the RBR loggers record data to an internal logger and operate under battery power. The RBR Duo and Virtuoso can be integrated with any McLane sampler. **Contact us** for more information.



21 Cup Sediment Trap with RBR Duo Logger

Sediment Trap Options for your Project

McLane **Sediment Traps** have several options to fit your project needs:

- Standard Sediment Trap: Titanium frame and controller housing (7,000m depth rating).

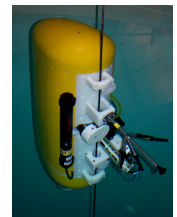
Science and Technology paper collected samples in a three-year study of sediment near the Fukushima Nuclear Power Plant. The study will continue later this year.

- The **IFCB** and **ESP** are prominently featured in a Woods Hole Oceanographic Institution (WHOI) **video on Red Tide**.

- Follow the Stone Aerospace **Artemis blog**, where a RAS-100 is part of Project SIMPLE, a multi stage approach using aerial scans with in situ underwater vehicle measurements to study and characterize the ice-ocean environment.

New and Updated Manuals on our Web Product Pages

- **MMP**: Updated user manual for version 5.0 firmware and above, and a new user manual for profiler sensor integration and inductive communications.



- **IFCB** : New, eight chapter user manual with step-by-step procedures and photos.

- **RAS-500**: Updated user manual for version 3.04 firmware and above.

New! Archived **user manuals** are now located on the McLane manuals pages.

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- Aluminum controller housing option: Titanium frame and aluminum controller housing offers cost savings for deployments less than 5,500m deep. Other cost savings options are available based on deployment needs.
- Deep Sediment Trap option: Titanium frame and controller housing with specialized bulkhead connectors (10,000m depth rating).

Contact us to discuss these options and the compatibility with your science.

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