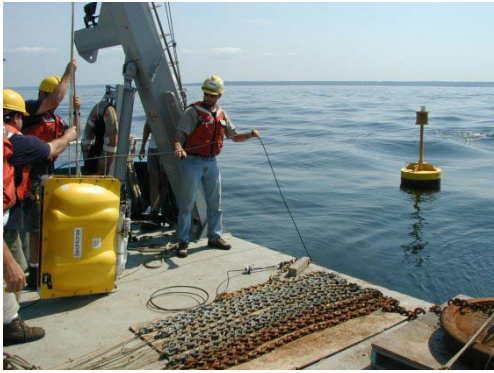


BOT Press Release: November 4, 2003

SEAHORSE HARNESSES WAVES FOR THE SCIENTIFIC COMMUNITY



UConn Summer 2003 – SeaHorse Deployment

Brooke Ocean Technology Limited has delivered a second SeaHorse Profiler to the Department of Marine Sciences at the University of Connecticut in Groton, Connecticut. Dr. Dan Codiga, a physical oceanographer at the University, has recently deployed both of his SeaHorse units in Long Island Sound (LIS). This will be the fourth deployment for his first SeaHorse Profiler and the second for his new profiler.

Both SeaHorse Profilers delivered to UConn have a maximum deployment depth of 200 meters and are equipped with the standard complement of sensors including the Sea-Bird 19plus CTD and the Sea-Bird dissolved oxygen sensor.

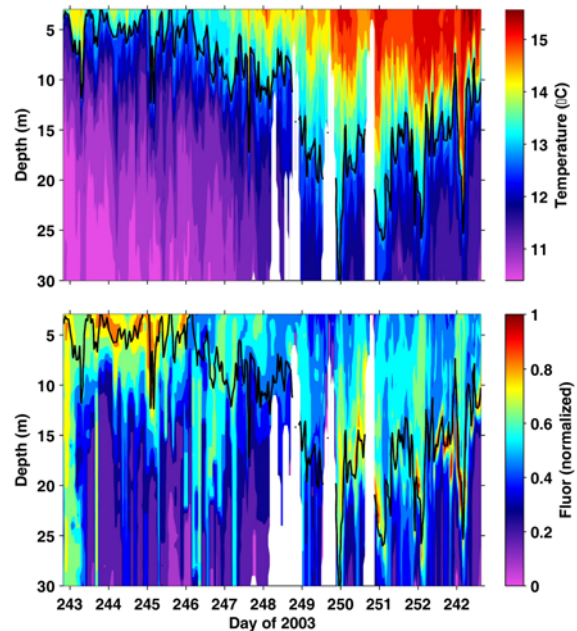
A SeaHorse Profiler has recently been ordered by Margaret McManus in the Ocean Sciences Department at the University of California Santa Cruz. The SeaHorse is scheduled for delivery in November and will be shipped with the Sea-Bird 19plus CTD, WET Labs WetStar Mini Fluorometer, and Sea-Bird Dissolved Oxygen sensor.

This past August and September a multidisciplinary experiment AOSN: Autonomous Ocean Sampling Network, took place in Monterey Bay. Dr. John Ryan, a research scientist at the Monterey Bay Aquarium Research Institute (MBARI) suggested that this would be a perfect opportunity to apply and test the SeaHorse.

SeaHorse was deployed for a 12 days during AOSN 2003. After recovering the SeaHorse and processing the data it collected, Dr. Ryan had this to say:

“We were able to resolve highly dynamic, fine-scale variation in ocean biology and physics with SeaHorse”

SeaHorse is a self-contained profiling system that moves up and down a mooring wire, powered by the energy of the surface waves. The use of wave energy allows for long term deployments without the need for large amounts of battery power. Because SeaHorse can profile vertically through the water column on a regular basis, it eliminates the requirement for multiple sensors on the mooring.



AOSN 2003 – SeaHorse data provided by MBARI

BOT is a Canadian-based manufacturer of sensor platforms, cable handling systems and launch/recovery systems.

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