

# EQUIPMENT LEASING NEWSLETTER

March 2006

## New Equipment



**RDI 150 kHz Quartermaster ADCP** with a range up to about 300 meters (1000 feet). For self-contained, or real-time use. The 150 kHz is for those that need longer range than the 300 kHz provides, but don't want to go all the way up to a more expensive LongRanger.

**RJE Int'l Pinger Receiver** for use either from surface or by divers, with 5-80 kHz frequency range.



Our latest addition to the lease pool is an **RBR XR-420 Marine CTD** with pressure, temperature and salinity, as well as **turbidity**. It is particularly useful for applications such as monitoring of marine dredging and outfall studies.

The **OBS3A's** have been popular with four different clients using them for various projects over the last year. They are small, reliable and easy to use. ASL has three units, each with pressure and temperature sensors as well.



Speaking of small and reliable, the **RBR XR-420 CTD** has been off to South America on two different trips, as carry-on both times. Don't let its small size fool you; it's specs stand up well to the larger and more extensive CTDs.



As usual though it was the **RDI ADCPs** that proved to be the most popular items in our lease pool. ASL now has one 1200 kHz Zed-Head, three 600 kHz, two 300 kHz, and one 150 kHz WorkHorse ADCPs. They all can be configured for real-time or self-contained operation. Most can measure waves and current profiles concurrently. We also have **Nortek profilers** and single-point **Aquadopp** dopplers for the budget minded.

An ASL Ice Profiler has been leased to **Metocean Services** of South Africa for use in Sakhalin, Russia for BP Exploration Operating Company, September 2005 to July 2006.

Two others have been leased to **AgipKCO** of Kazakhstan for 6 months for use in the Caspian Sea.



**Friends of Casco Bay** leased two of the Nortek ADCP current profilers. They used a novel bottom mooring frame - a lobster trap. Didn't hear if they caught any.



Fish ecologist Nick Tolimieri of **NOAA Fisheries, NWFSC** leased an RDI 600 kHz ADCP June to July 2005. He created current profiles of 6 sites in Puget Sound for use in his project on fish ecology and habitat use of rockfish and lingcod.

ASL doesn't just lease equipment. We are a full service oceanographic consulting firm and we use these instruments ourselves for our own projects. We have experience not just with the instruments, but with their deployment and subsequent data analysis as well.

**"Reliable Rentals at Reasonable Prices"**

Check out our rates at [www.aslenv.com](http://www.aslenv.com)

ASL continues to offer all equipment to our U.S. clients F.O.B. Washington State.

*Wave Measurement*

*Current Measurement*

*Ice Measurement*

*Sediment Transport*

*Fish Habitat Studies*

*Coastal Engineering*



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