NEW ASL EQUIPMENT OFFERED FOR THE 2003 FIELD SEASON

- Three Acoustic Doppler Current Profilers (ADCP’s) from RD Instruments. The ADCP’s are 600kHz Workhorse Sentinels equipped with wave measuring firmware, extra memory and external battery cases to allow extended deployments.
- A 600kHz Nortek Profiler
- Four EdgeTech Cart Releases for use in taut-line moorings or with pop-up buoys
- Another Applied Microsystems STD 12+ CTD
- Richard Brancker Research RBR: two XR-420 tide gauges and a DR-1050 pressure gauge

PUSHING THE LIMITS ON WAVES
Marathon Oil has contracted ASL to lease and deploy, over a 15 month period, 3 RD I 600 kHz ADCP’s, as well as a 600 Nortek current profiler, 3 low-profile bottom frames designed by ASL and 3 EdgeTech Cart pop-up buoys. The contract is for an ongoing current and wave study along the coast of Malabo, Equatorial Guinea, Africa.
The RD I ADCP’s each have 880MB memory and two external battery cases to accommodate the high sampling demands.

Sediment Transport
ASL now offers a full suite of instruments for sediment transport studies including:
- Imagex 881A multi-frequency scanning sonar
- Optical Backscatter (OBS) Sensors
- Acoustic Doppler Current Profilers, with directional wave capability
- Marsh McBarney near-bottom flow sensor
- These instruments can be mixed and matched and added to our ‘Norton’ bottom tripod.
- Norton has been recently deployed on the Fraser River delta, BC, as part of a study for the Canadian Government.

OTHER RECENT CLIENTS INCLUDE:
Simon Fraser Univ., Dept. of Biological Sciences/National Wildlife Research Inst., CWS - 2 Aquadopps and a 1000kHz Nortek Profiler for a study of ducks in arctic polynyas.
Pacific National Aquaculture - 3 Nortek Aquadopp current meters for fish farm site assessment.
Band Lavis & Associates - 1MHz Nortek Profiler to measure currents & waves in a tidal river.
US Dept. Energy, Pacific NW Lab - leased a 300 kHz Workhorse ADCP for transects upstream of hydroelectric dams.
Lorax Environmental - Nortek Aquadopp current meter for a lake project in E. Canada.
Genium - Nortek Aquadopp, 2 RBR XR-420 Wave Gauges, and 1 RBR DL-1050 pressure logger for a study of tides in Ungava Bay.

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“Reliable Rentals at Reasonable Prices”
ASL continues to offer all equipment to our U.S. clients F.O.B. Bellingham, WA.