

EQUIPMENT LEASING NEWSLETTER

SPRING 2010

Wave Measurement

Current Measurement

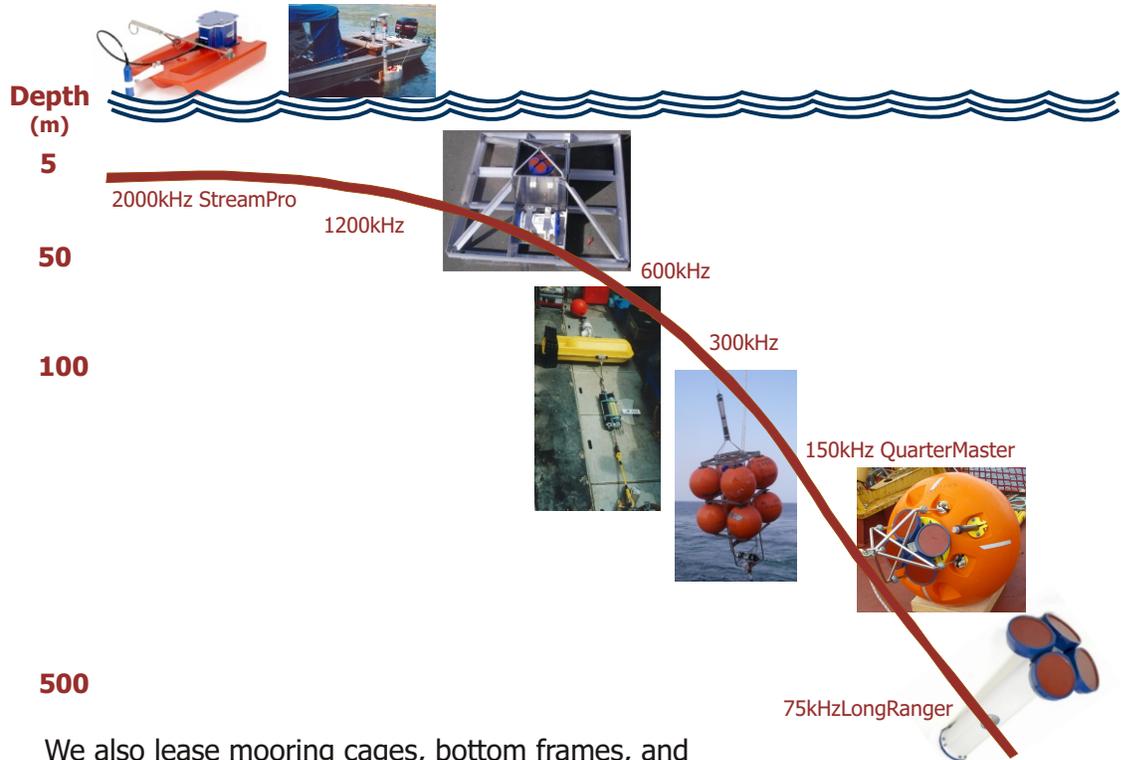
Ice Measurement

Sediment Transport

Fish Habitat Studies

Coastal Engineering

ADCPs for current, waves, ice-tracking, shallow-to-deep, we have them all!



We also lease mooring cages, bottom frames, and
Deployment aids: tilt-pingers
Recovery aids: transponders, pingers, receivers, acoustic releases

New purchase: Four Teledyne RDI DVS 750 and 1 DVS 6000



ASL compass calibration of a DVS 750 in the arctic during summer 2009.

Teledyne RD Instruments' low-power DVS can provide substantially improved data quality over traditional single point current meters, allowing for up to 5 bins of high resolution velocity data over a range of up to 5 m. Four-beam Janus configuration allows for a profile of the error velocity.

High precision: The DVS measures velocity profiles at up to 40 times per second, allowing mm/s precision at a 1Hz update rate.

Multi-tasking capability: The DVS can be programmed to run a pre-configured sampling strategy.

High sample-rate solid-state compass/tilt sensor: measures at up to 15Hz, which can be used to help identify periods of mooring line strumming.

The DVS's will be initially used in the summer of 2010 for an arctic deployment and then will be available in the lease pool.

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