



### FOR BUOY MOUNT MEASUREMENTS

Mount an acoustic Doppler profiler, acoustic modem or other subsurface sensor systems onto an existing navigation buoy with the Oceanscience Clamparatus. The unique design of the Clamparatus system facilitates provision of real time navigation data by securing the instrument and associated data transmission equipment to standard Aid to Navigation (ATON) buoys.

### HOW THE CLAMPARATUS WORKS

The Clamparatus does not require the buoy to which it is attached to be cut, drilled, welded on or changed in any way. It is securely attached to the buoy with a proprietary clamping system. Current velocity information from the ADCP on the Clamparatus is continuously telemetered to the shore station, and from there offered to ship operations to assist navigation through the NOAA PORTS system.

### USES FOR THE CLAMPARATUS

Originally designed in 2000 through the collaboration of Nortek USA and Oceanscience, the Clamparatus and Aquadopp current profiler combination was recognized by NOAA as a reliable and robust method to obtain valuable navigation data. NOAA has since placed Clamparatus and Aquadopp ADCP's on ATON buoys along US Coastlines in many major ports. Private ports, harbors and university research groups have also installed these systems for real-time monitoring of ocean currents.

### APPEARANCE

For corrosion resistance and appearance, the Clamparatus is painted with the same system and colors used on Coast Guard buoys. The Clamparatus system has been used by Chevron, NOAA, US Coast Guard, Universities and regulatory agencies.



## CLAMPARATUS SPECIFICATIONS

The Clamparatus specifications are listed below.

	CLAMPARATUS SPECIFICATIONS
Construction Material	Aluminum
Hardware	316 Stainless Steel or Titanium
Type of Buoy	8' x 26' ubiquitous US Coast Guard steel navigation buoy
ADCP Size	2" - 8"

## ORDER CODES

CLAMP 8-26N - Clamparatus

## WARRANTY

One Year on all components.

## CONTACT INFORMATION

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