

The Oceanscience Group, Ltd

# Profiler Mounts for Buoys

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The Oceanscience Group's "Clamparatus" makes it easy to mount an acoustic Doppler profiler, acoustic modem or other subsurface sensor system on an existing navigation buoy. The Clamparatus was designed for NOAA's PORTS program and is used to provide real-time current information to ship captains.

The standard Clamparatus mounts on the ubiquitous US Coast Guard 8x26 steel navigation buoy. Mounts for other buoy sizes are available.

Coast Guard requirements dictated that the buoy was not cut, drilled, welded on or changed in any way. The Clamparatus is attached to the buoy with a proprietary clamping system. We provide an antenna mount that clamps to the buoy's top ring.

For corrosion resistance and appearance, the Clamparatus is painted with the same system used on Coast Guard buoys.

Chevron first used the mount in 2001 to monitor currents at an offshore oil-offloading berth off of Los Angeles. The system has since been refined and is used by NOAA in at least seven locations in and around Chesapeake Bay.

Oceanscience also designs and builds weather stations with Iridium or RF communications. These mount easily on existing buoys.



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## Contact us for more information

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