The CEE HydroSystems CEE-USV™ is a high performance remotely-operated survey boat with a unique modular CEESCOPE™ echo sounder and GNSS package. Presenting an unrivalled simplicity of operation combined with high-grade centimeter level bathymetry results, the CEE-USV™ is the professional’s surveyor’s USV choice where reliability, longevity, credibility and data quality are paramount.

**Simplicity of Operation.** A survey tool not a science project; simply turn on the vehicle and the on-board CEESCOPE™ and start surveying. With echo sounding, positioning, data management, user control interface, RTK and data telemetry in a single enclosure there is no simpler USV to use. Minimize downtime, mobilization, and field crew headaches.

**No Compromise Data Quality.** The survey equipment is specifically designed for remote operation. With extreme shallow water capability, precise data timing and integrated GNSS position, high quality results are guaranteed even in difficult environments.

**Exceptionally Rugged.** The reinforced fiberglass construction is tough and hard wearing for longevity. With only one waterproof compartment needed, the CEE-USV™ may be safely submerged and overturned. Protective skids allow safe deployment and recovery.

**Removable Bow.** The bow flotation section is locked in place but easily removed to reduce the USV size for transportation but maintaining hull length for maximum performance.
**Rapid Mobilization.** The CEE-USV™ is set up in under 5 minutes, with the network telemetry system accessed as easily as coffee shop WiFi!

**High Performance for Safety.** With high power dual screws and rudders, the CEE-USV™ hits 5m/s (16fps) for safe operation in rivers, and offers the security of TRUE dual motors. Don’t risk losing your equipment with cheap rudderless “tank steering” USVs with no redundancy.

*CLICK on the VIDEO below to WATCH.*

**Dual Frequency Capable.** Interchangeable 200kHz or 33/200 kHz transducers may be used.

**Modular Design.** The CEESCOPE™ echo sounder with GNSS may be removed and used on a manned boat directly connected to a laptop, presenting a fully flexible manned and unmanned hydrographic survey solution.

**Multiple Positioning Solutions.** Instead of using the on-board GNSS, a third-party receiver may be connected to the CEE-USV™ data system using Bluetooth. Install a prism for use with a robotic total station.

**No Proprietary Software.** Use the CEE USV™ with standard hydrographic acquisition software such as Hydromagic, HYPACK, or QINSy. Alternatively, simply record all data on board and download when the survey is complete.