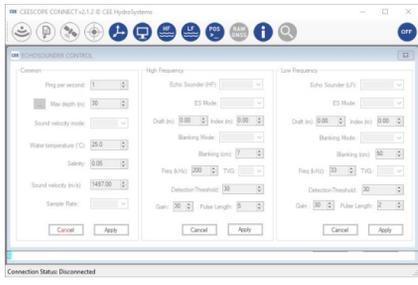




CEESCOPE™ Selected for Reliability and Simplicity - US Navy

After extended testing of the CEESCOPE "all in one" echo sounder and GPS, a US Navy unit outfitted their teams with the latest Military-spec CEESCOPE Eclipse system. Each CEESCOPE was supplied with HYPACK and Hydromagic software, rugged laptops and a heavy duty boat mount. The goal of the acquisition was to simplify the collection of single beam data and eliminate separately interfaced GPS and sonar components, erratic Bluetooth connections, and temperamental equipment. With the CEESCOPE, Navy users can opt to simply record all the data at the push of a button inside the echo sounder for a fast recon, or set up a full software acquisition project for more detailed surveys. The Hemisphere Atlas BASIC H-50 L-Band signal option offers inshore and coastal 0.5m accuracy with multi-constellation GNSS worldwide.

Product News



NEW CEESCOPE CONNECT Utility

CEESCOPE CONNECT "Next Generation" has arrived. This utility allows users to control their CEESCOPE or CEE ECHO through a connected PC and is particularly useful for CEE-USV operators who can use it to adjust echo sounder settings remotely from the shore. The new software has many new features, greatly expanding its value to users - particularly those using post processed GNSS data with the CEESCOPE. New features include:

- High and low frequency standalone HD echograms
- Enhanced operation status displays
- Support for RAW GNSS data recording on connected PC
- Adjusts almost all echo sounder and GNSS settings

[DOWNLOAD CEE CONNECT v2.1 HERE.](#)



Spektrum DX6 RC Transmitter

After years of reliable service, the Hitec Aurora 9X RC transmitter has finally been replaced for CEE-USV duties. The new Spektrum DX6 offers a significant modernization. While keeping the trademark long range performance of the Aurora 9X, new CEE-USV systems benefit from the real time RC signal strength and data packet loss readouts on the DX6. Now there is no guesswork in the RC link management, the operator will know exactly the condition of the critical RC control radio link.



Solid Cast Brass Propellers for CEE-USV™

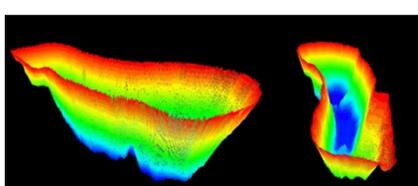
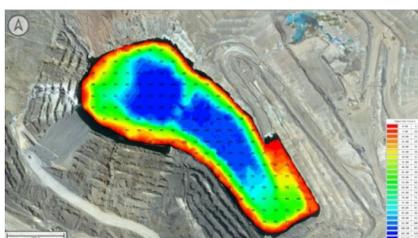
After the original CEE-USV propeller factory literally burned down a few years ago, the brass props used on the CEE-USV have been less durable than we would like. Good news, we have identified replacement solid cast brass indestructible propellers and it is easy to fit them. These custom modified prop pairs are available, although do have a long lead time. [CONTACT US](#) if you want to upgrade your props.

Video Vault - Amazing RTK CEESCOPE™ Mobilization

This video has been around a few years but it still shows exactly how we are offering to simplify your single beam survey setup:

[\\$\[VT:119a9e7cf68ef874:SuperFastSetup\]\\$](#)

Customer News



Deep Pit Lake Survey for Volumes

Containing over 100ft of pH 2.5 acidic process leachate solution, this large mine pit lake was successfully surveyed in October 2020 using the CEE-USV. The low frequency 33 kHz transducer, on loan from CEE USA, was required to penetrate the concentrated solution. With the bathymetry complete, the future volume in the pit as it is drawn down can be calculated easily using the stage - volume curve generated.



Leica and Trimble Total Stations with CEE-USV™

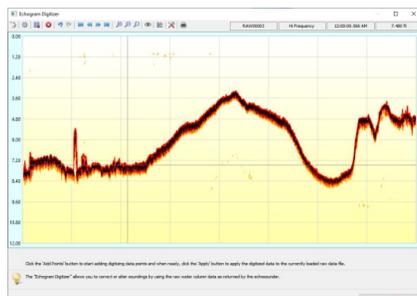
When GNSS is not available for CEE-USV surveys, such as when surveying around bridges, it is easy to install a prism on the USV and run the survey with a total station. The Hydromagic "Trimble S7" device plugin actually works equally for Leica and Trimble robots outputting "Pseudo NMEA". Just select this plugin with a NMEA output from the robot and that is it. The CEESCOPE on board will be outputting depth only. While the setup is rather more complex, HYPACK users can select the "Geodimeter" driver for total station position, too. Drive slowly to minimize latency!



Montana DOT Commence CEE-USV™ Program

With a setup designed to accommodate their existing Trimble R8 RTK GNSS, the Montana Department of Transportation's new CEE-USV represents a sizeable upgrade in performance over their previous small catamaran float. Sporting a pair of brand new solid brass props, the USV is now equipped to tangle with shallow fast moving streams. The USV data will be used as inputs for hydraulic models at locations where manned boat surveys are troublesome.

Software News



Bottom Tracking Algorithm Enhancements

Through 2020 we have been busy behind the scenes working on our echo sounders' bottom tracking performance. Already star performers, especially in shallow water, the CEESCOPE and CEE ECHO now handle steep slopes better and our automatic gain modulation has been tweaked. What's more, we now have the ability to update all later model firmware through the USB port.

Call for Videos and Photos



Photos, Videos and Application Notes

If you have any photos or videos, or interesting, unusual, or completely routine survey applications related to CEE equipment then please let us know. We are always looking for case history candidates - often that presents a nice opportunity to generate some useful and informative promotional material for everyone. And we do all the work. [CONTACT US](#) if you want to share.

Contact Us:

CEE HydroSystems USA, Inc.

701 Palomar Airport Rd, Suite 300
Carlsbad, CA 92011 USA

t: +1 760 492 4511

adrian.mcdonald@ceehydro.com

CEE HydroSystems

1/12 Cecil Rd - Hornsby, NSW 2077

Australia

t: +61 2 9482 5880

sales@ceehydro.com