



NEW TIDE GAUGES FROM CEE HYDROSYSTEMS

Especially in recent years, CEE has focused on advancing single beam echo sounder technology for our users. We have historically offered portable tide gauges, usually deployed for short term survey projects but we have not spent much development time on traditional fixed-installation tide monitoring. This situation is changing with ALL-NEW high accuracy tide gauge options being launched. Targeting traditional fixed installation applications and the increasing need for extremely accurate long-term sea level monitoring for climate projects, the new CEETIDE options present modern solutions with CEE's trademark ease-of-use.

Customer News



Fast Wetland Survey at High Tide

Just north of the Mexico border in Southern California, surveyors from Project Design Consultants needed to generate a map of the wetland area surrounding the Otay River. Impossible to wade and shoot with conventional GNSS, the CEE-USV was called in to deal with the main river channel and the very shallow meandering water course. Even considering the low draft of the USV, the survey had to coincide with high tide - and completed without delay - to avoid being stranded in the marsh! A great example of a USV application.



Wastewater Monitoring in Industrial Water

Increasingly CEE has been involved with wastewater management projects calling for sludge accumulation surveys. Sometimes with a steep liner it can be hazardous to try to launch a small manned boat. Not so much with the CEE-USV, which can be lowered down the liner and detached for the survey. Especially in modern industrial environments, worker safety is a crucial factor and contractors with USV capabilities offer attractive risk reductions.



Recycled USV for California Winery

In California, existing CEESCOPE users in the Environmental Department at Napa Valley winery Trinchero Family Estates wanted to achieve a low-cost unmanned option for their surveys. With very infrequent surveys needed, a brand new CEE-USV was unrealistic. Instead, CEE was able to refurbish an old Z-Boat we had on the shelf with CEE data systems - radically increasing the usability and "headache-factor" versus the old Z-Boat setup. Very clean and tidy inside, and less plastic to landfill!



New Survey Capabilities Realized - USMC

This summer, CEE conducted training at Camp Lejeune for USMC survey teams. With ageing CEESCOPEs over a decade old replaced with the latest Vessel Of Opportunity military-spec kits, additional capabilities included integrated side scan, motion sensors and multi-vessel mounting options.

Product Watch



CEETIDE MAX Tide Gauge Launched

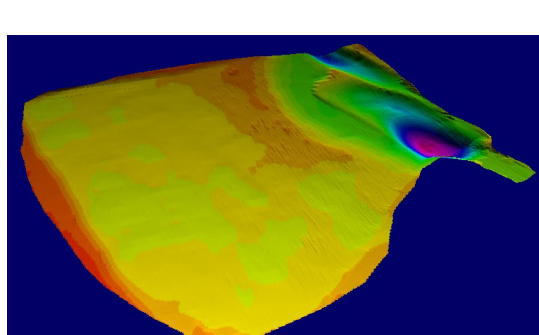
CEE's new range of tide gauges are becoming available. Replacing the CEETIDE MkIV is the new CEETIDE MAX. Designed for permanent monitoring stations, the new MAX incorporates advanced ancillary system control and logging features. With a built-in Trimble BD990 high performance GNSS, the MAX also monitors the position of the tide sensor - not just the tide - for maximum data assurance. The familiar CEE HydroSystems yellow Pelican case will return, in the CEETIDE MAX-P which is a ruggedized portable version of the new tide gauge. Review the new device specifications on the web page [HERE](#) or [CONTACT US](#) with specific questions.



NEW XBox Plugin and More for CEE-USV

Autopilot-enabled CEE-USV users in particular need to watch out for the 2024 Version 11 release of Hydromagic. One of the additions specific for CEE-USV operators using the autopilot is a brand new X-Box plugin. This allows a redundant and longer range manual control option through the data radio system. All users will have useful new tools including integrated battery telemetry and voltage alarms now inside the acquisition software. [CONTACT US](#) for details.

Software News



Hydromagic V11 Scheduled for January 2024

As mentioned above, especially for CEE-USV operators the latest Hydromagic update will contain several useful new features. Make sure your maintenance plan is up to date so you can download and install Version 11. In addition to USV tools, even more new data editing features are on the way.

HYPACK User Conference January 2024

It has come around fast again - the popular HYPACK user training conference this time in Savannah, GA. CEE will be there - come

and say hello in the exhibit hall. We will have a few of our echo sounders available for you to take a look.



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