

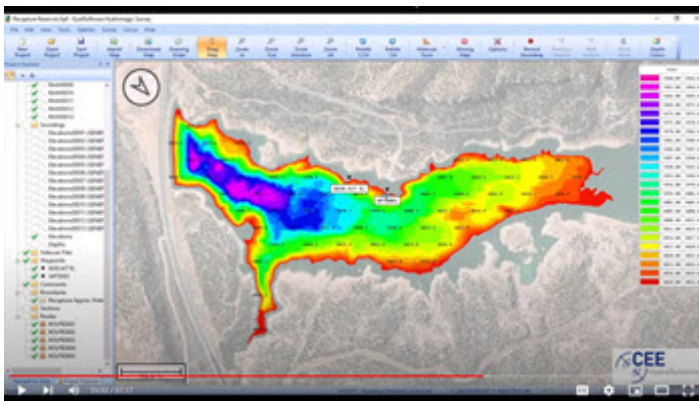
Hydromagic Tutorial Videos

Description

HYDROMAGIC VERSION 10 – TRAINING VIDEOS

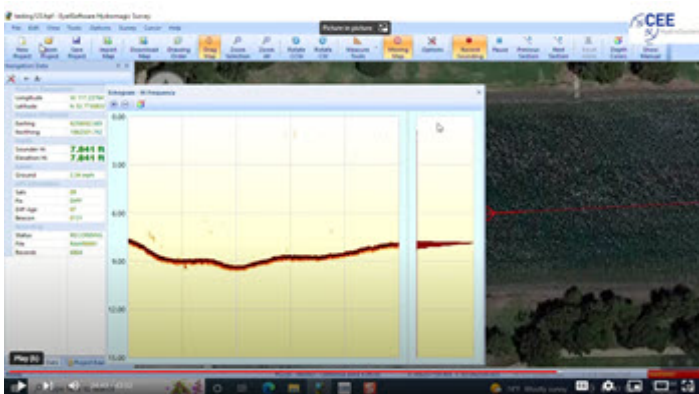
VERSION 10 Training Video 1 – Introduction

Overview of software features and general workflow.



VERSION 10 Training Video 2 – Setup and Acquisition

Configuring the devices and collecting data.



VERSION 10 Training Video 3 – Setup and Operation of the CEE-USV Autopilot

Configuring the CEE-PILOT / SPECTRE Plugin and planning and executing robotic surveys.



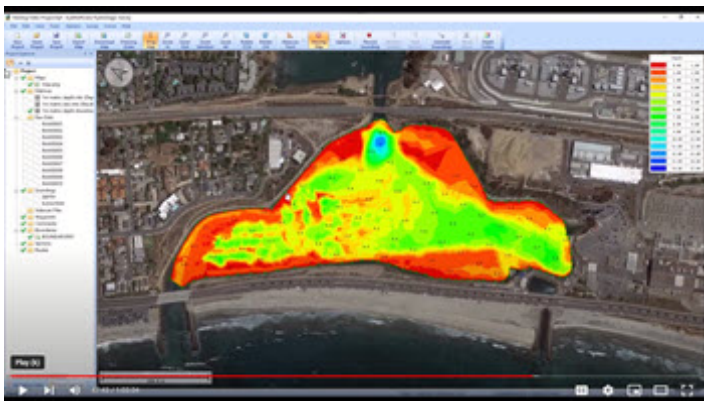
VERSION 10 Training Video 4 – Basic Data Editing

Cleaning and editing data for industrial water / mining applications.



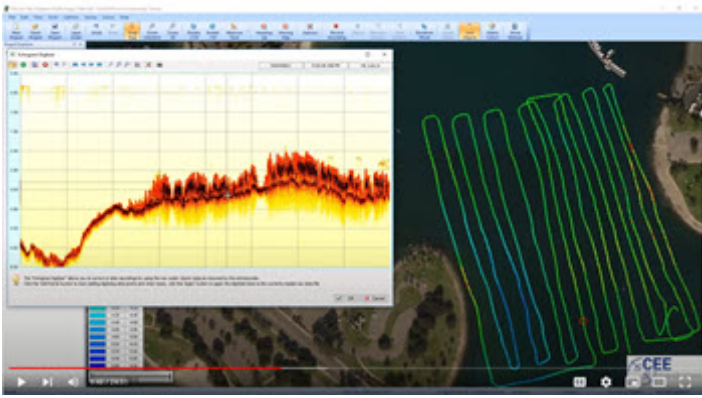
VERSION 10 Training Video 5 – RTK / Advanced Data Editing

Cleaning and editing data when collected using RTK / precise elevation.

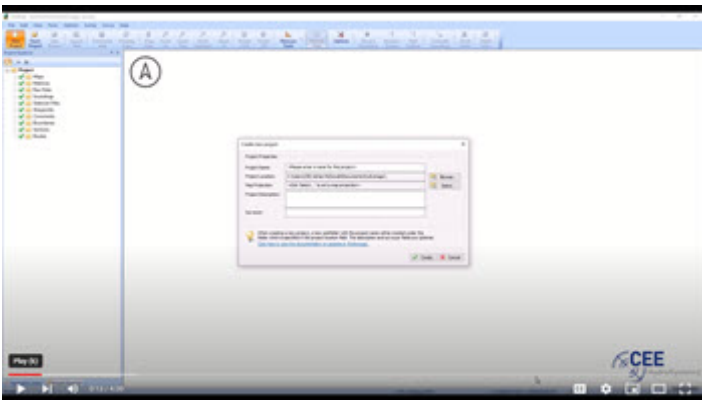


VERSION 10 Training Video 6 – Digitizing Soundings using the Echogram Editor

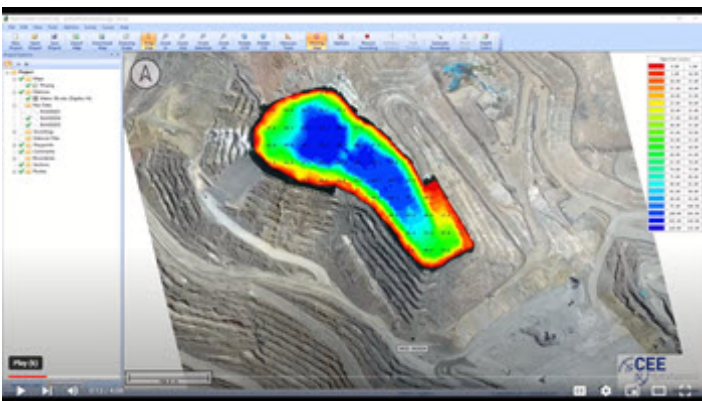
Using the digitizer tool to review and edit soundings using the water column echogram.



VERSION 10 Training Video 7 – Importing Data Saved on the CEESCOPE / CEE ECHO
Using the Raw Data import wizard to bring *.CSC and echogram data files saved on the echosounder directly into Hydromagic.



VERSION 10 Training Video 8 – Adding a Local / Custom Site Grid
Setting up a special site coordinate system with custom geodetic parameters.



VERSION 10 Training Video 9 – Changing Project Geodesy
Changing the coordinate system of collected data (BACK UP YOUR DATA FIRST).



TEST THE DEVICE:
See the digital trace and echograms.
E: Right click and select "Beam"  ping 

The screenshot shows a video player interface. The main video frame displays a yellow CEEscope device with a black USB cable plugged into its front. A small window in the top left corner of the video frame shows the 'About' dialog for 'CEEscope'. The dialog contains the following text:

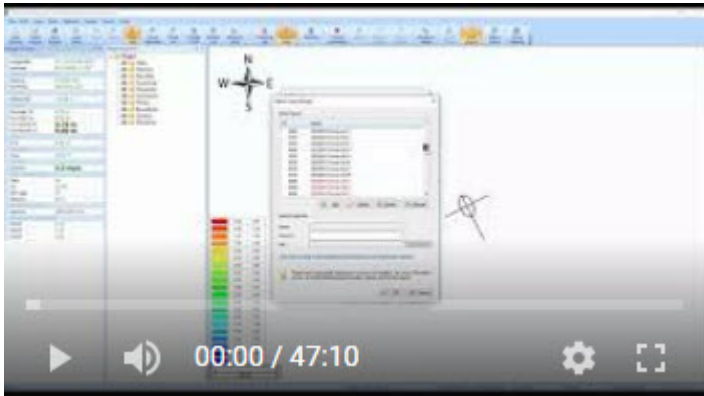
- Product:** CEEscope
- Version:** 1.0.0.0
- Copyright:** © 2010 CEEscope
- Author:** CEEscope
- License:** MIT License

The video player controls at the bottom show a play button, a volume icon, a progress bar at 00:00 / 21:27, a settings gear icon, and a full-screen icon.

(ARCHIVE) HYDROMAGIC VERSION 8/9 TRAINING VIDEOS:

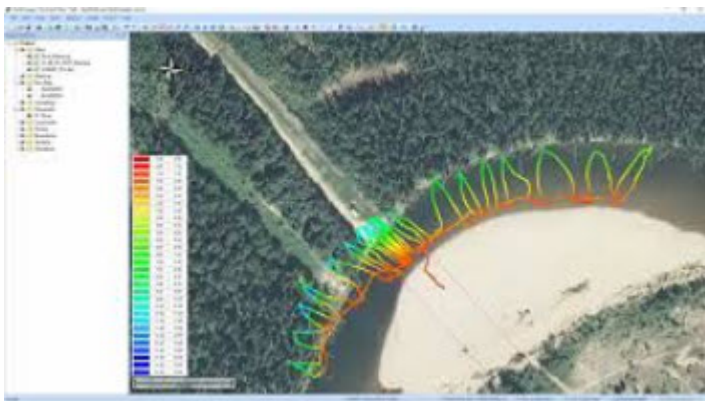
Configuring for Acquisition and Collecting Data

How to set up the plugin and background and how to collect soundings.



Editing Data when Using RTK

The complete editing process after data collection including TIN model (Matrix) and export of XYZ.



Editing Industrial Water / Mine Surveys with Non-RTK Data.

The complete editing process including manual insertion of water level from a "tide" elevation shift.



Digitizing the Echogram in Post Processing.

How to redraw soundings to correct for digitization errors.

