



HYPACK Training Workshop - Venice Italy

By Lourdes Evans

You are cordially invited to attend our HYPACK Mini Training Workshop hosted by F.A.R.O that will be held on June 20-22, 2011 at Villa Braida located near Venice, Italy.



<http://www.villabraidait>

This is one of many training workshops, and it promises to be the best one yet!

The number of participants will be limited to 30 people so, if you are interested in attending, please contact us as soon as possible. Anybody in the surveying and dredging industry will find this workshop to be beneficial.

The 3-day training will cover all aspects of single beam and multibeam hydrographic surveying and dredge management using our HYPACK®, HYSWEEP® and DREDGEPACK® packages.

HYPACK® 2011 offers a complete surveying package for acquiring and processing bathymetry, ADCP, magnetometer, side scan sonar, and sub-bottom data, and charting tools for S-57 production.

Some of the new features in **HYPACK® 2011** include a new In situ ADCP, Target Viewer and Contour Editor Programs, incorporation of VDatum for RTK TIDES in Geodesy, improved HYPlot capabilities, and enhanced CLOUD and TIN, and 3DTV modeling capabilities.

Some HYSWEEP® enhancements include new multibeam interfaces for WASSP Multibeam, Edgetech 4600, and Kongsberg MS1012 devices. Also the Riegl Series 5 and Optech ILRIS

laser scanning interfaces are supported. MBMAX now features faster reading files, faster re-draws, and use of multi-core CPU's, a new patch test that logs patch test history and creates a calibration report, and new graphical display of the Surface Sound Velocity in Phase I.

A new program available for dredging is our MATRIX VIEWER which shows plan view display of each day's matrix, showing progress on dredging projects. Includes the capability to output to JPG or printer device

The new In situ ADCP is used to analyze ADCP data from sensors that have been placed on the bottom and logged data over long periods of time. The ADCP IN SITU program can be used to extrapolate tide corrections, currents and wave heights.

The enhanced CLOUD program now allows playback of HS2 files and includes the capability to display color pixels by depth, file or intensity and.

If there are any specific topics you would like us to cover, please feel free to send it to us. We will do our best to accommodate it in our schedule

GENERAL SCHEDULE

A general schedule for this three-day workshop is as follows:

First Day:

9:00 – 10:30	Overview & Geodesy
10:30 – 10:50	Break
10:50 – 12:00	Survey Preparation: Planned Lines & Supporting File Types
12:00 – 13:00	Lunch
13:00 – 15:00	Hardware & Survey
15:00 – 15:20	Break
15:20 – 17:00	Processing Single Beam Data

Second Day:

9:00 – 10:30	Sounding Selection, Sort and Export
10:30 – 10:50	Break
10:50 – 12:00	HYSWEEP®: Overview, Configuration and Data Collection
12:00 – 13:00	Lunch
13:00 – 14:00	HYPACK and HYSWEEP: A simulated survey practical
14:00 – 15:00	HYSWEEP®: MBMAX, Calibration & Performance Tests
15:00 – 15:20	Break
15:20 – 17:00	HYSWEEP®: MBMAX, CUBE processing techniques

Third Day

9:00 – 10:30	HYSCAN – Sidescan data collection and processing
10:30 – 10:50	Break
10:50 – 12:00	Final Products: TIN model, Export)
12:00 – 13:00	Lunch
13:00 – 15:00	Final Products - continued (HYPLOT, 3DTV, S57)
15:00 – 15:20	Break
15:20 – 17:00	DREDGEPACK®

For additional information, please contact

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