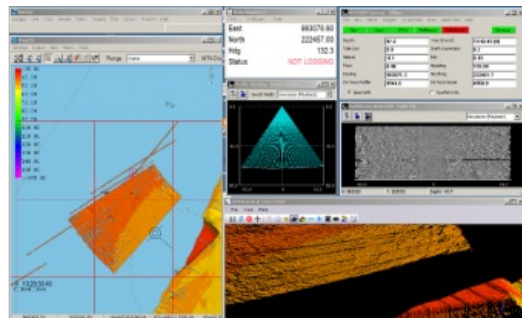# Release of HYPACK 2015

After a few weeks of final adjustments to HYPACK 2015, the package now is released. The release of HYPACK 2015 software offers users amongst others real-time point cloud visualisation, and multibeam and water column data integration and playback.

The new programme Real Time Point-cloud runs in conjunction with HYSWEEP SURVEY (image) and displays both multibeam and topographic laser data in a corrected and geo-referenced color-coded point cloud. The REAL TIME POINT CLOUD application will be useful for easier feature detection and categorisation, system calibration and verification, and data quality control. This program enhances the already powerful multibeam and Lidar collection capabilities of HYSWEEP.

The HYSWEEP Water Column logger is a new program that collects and logs the massive amounts of water column data from Reson 71xx and R2Sonic. Review the data in the WATER COLUMN PLAYBACK program and incorporate the data in your MBMAX-64 editing sessions HYSWEEP Water Column, it will be a standard module in HYSWEEP® and enhances the already powerful multibeam and backscatter collection capabilities of HYSWEEP®

HYPACK 2015 will allow the user to create simultaneous Map Windows with different Matrix views to display the depth info, or the number of samples, or the standard deviation per cell, or the average depth per cell. Also the light shading of MTX is now done 100% of the time and not just on MTX redraws.

Use HYSWEEP's Simulation (Playback) driver to replay a *.LOG of *.HSX files back through the program. Use HYPACK's HYSWEEP Playback.DLL to read positions from the same file. This allows users to replay their surveys to review their data and present any results to potential customers.

The new ANCHOR HANDLING routine allows both rig and anchor handling vessel (tugs) operators to graphically display the status and location of anchors and their cables, track their movement and deployment and send the anchor locations to the anchor handling vessel operators.

The features in HYPACK 2015 can be viewed in the HYPACK 2015 Presentation: HYPACK 2015 Changes and the HYPACK 2015 Ustream, both available on HYPACK's website. The website also includes information on upcoming seminars and training courses and of course, download the package.

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https://www.hydro-international.com/content/news/release-of-hypack-2015