



HYPACK, Inc. introduces HYPACK® ACOUSTIC

By Lourdes Evans

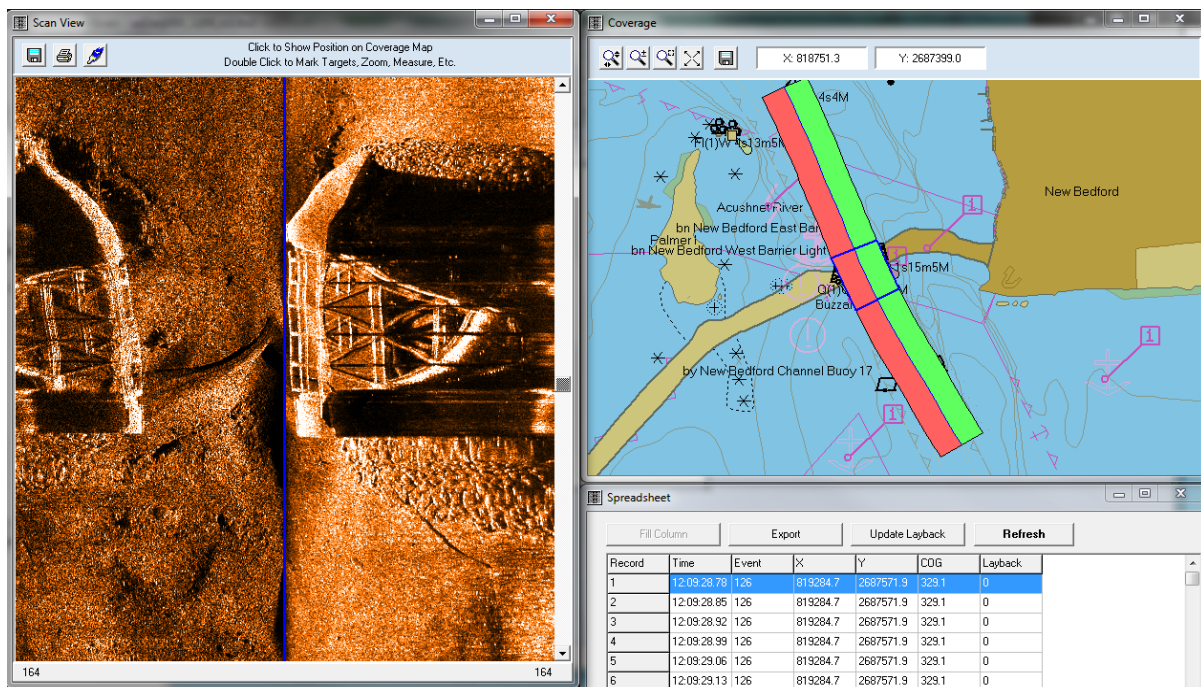
We are pleased to announce the release of HYPACK® ACOUSTIC software package. HYPACK® ACOUSTIC is a low cost package developed for customers that only need to process data from side scan, sub-bottom and acoustic doppler current profiler systems. HYPACK® ACOUSTIC is the perfect package for Police and Sheriff Departments, and other agencies that collect the data with the manufacturer's equipment, but do not have the capability to process the data.

Here are the list of features included in HYPACK® ACOUSTIC:

SIDE SCAN: The HYPACK® ACOUSTIC package allows you to process side scan sonar, snippets, and backscatter data collected in HYPACK® or data collected by 3rd party systems. Supported formats include:

- HYPACK HSX & HS2
- XTF Side Scan
- CMAX CM2
- Edgetech JSF
- Imagenex 81S
- Klein SDF
- Marine Sonic MST

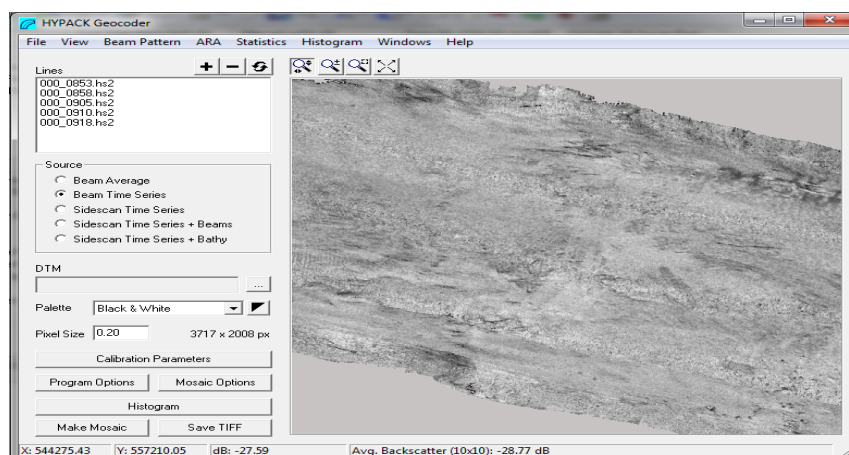
FIGURE 1. Sample Scan View and Coverage Map Displays in SIDE SCAN TARGETING AND MOSAICKING



The SIDE SCAN TARGETING AND MOSAICKING program allows you to generate detailed mosaics of your side scan imagery, and to mark targets in order to generate target reports. In

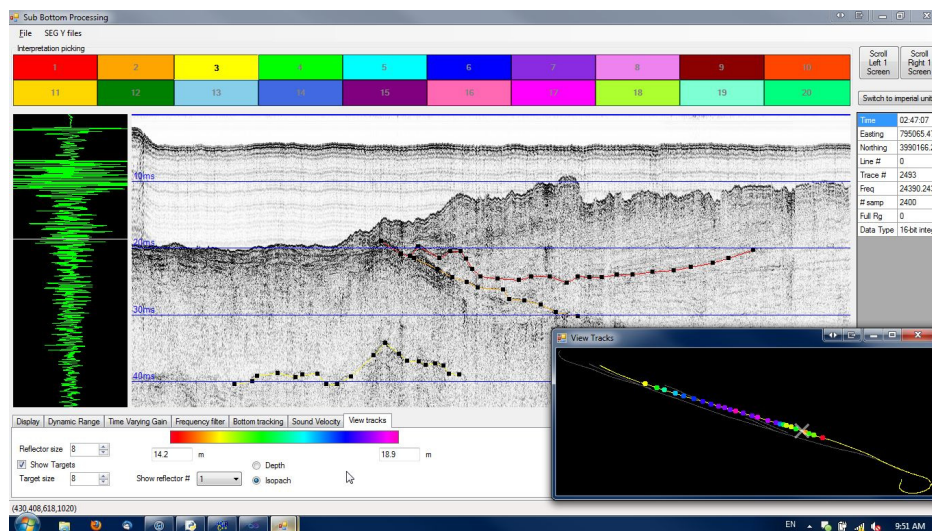
addition, you can use GEOCODER™ to create advanced mosaics and perform bottom classification.

FIGURE 2. GEOCODER™



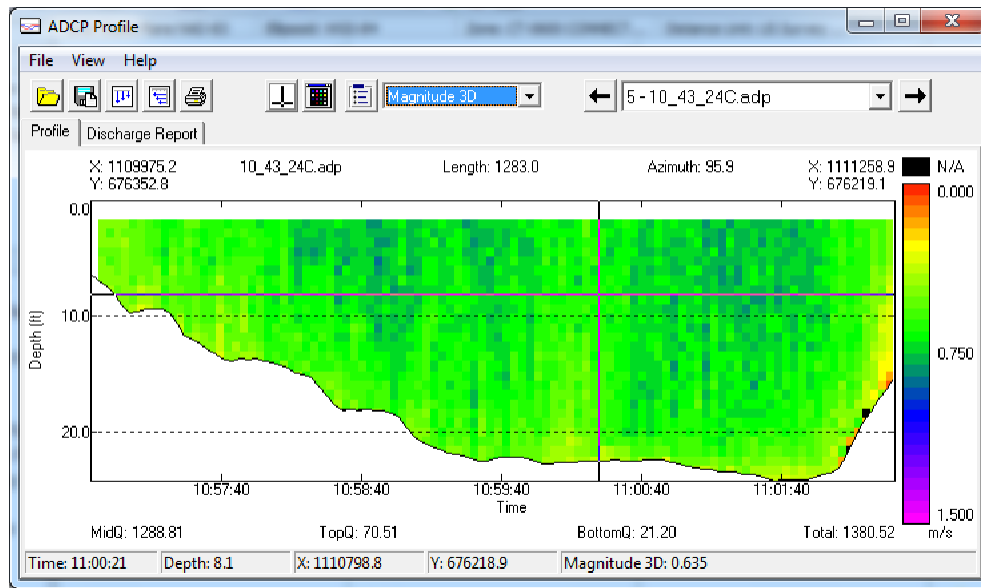
SUB-BOTTOM: The HYPACK® ACOUSTIC package enables you to edit and review sub-bottom data collected in HYPACK® or other packages that produce industry standard SEG-Y files. You can digitize up to 20 different reflectors and mark targets (position only or position and depth-of-burial). The SUB-BOTTOM PROCESSING program accounts for different velocities for the water column and bottom material, and provides filters to enhance your data.

FIGURE 3. SUB-BOTTOM PROCESSOR



ACOUSTIC DOPPLER CURRENT PROFILERS: The **ADCP PROFILE** program enables you to analyze data from vessel-mounted ADCP systems and generate flow calculations. It also allows you to perform averaging and to output 2-D or 3-D current vectors. The **ADCP IN-SITU** program enables you to analyze data recorded by bottom-mounted RDI, Sontek and Nortek profilers. You can generate current diagrams and tide heights for user-defined time increments.

FIGURE 4. Sample ADCP PROFILE Display



The HYPACK® ACOUSTIC package also includes the HYPACK® SHELL for viewing your data; the geodetic engine, which allows you to convert WGS-84 latitude-longitude data to almost any projection; and HYLOT, the smooth sheet plotting program.

If you already have HYPACK® Max or HYPACK® OFFICE, you already have access to all these features.

For additional information on HYPACK® ACOUSTIC and its capabilities, please contact us at sales@hypack.com.