HYPACK, Inc. Provides a 2-day Side Scan Class

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At the end of July, HYPACK, Inc. presented a 2-day intensive side scan training class following the 3-day HYPACK® Multibeam class. Focusing on side scan techniques for collection and processing in HYPACK®, the class provided 18 students with hands-on training for processing side scan data using the latest HYSCAN and GEOCODER programs to mosaic side scan and backscatter data. These updated programs are all part of the service pack and HYPACK® 2009a to be released this month.

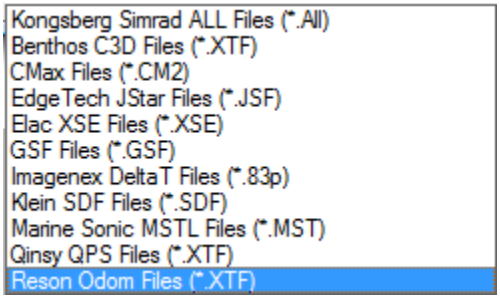
New features in these programs allow for re-positioning of targets in phase 2, selection area for heading smoothing, matrix side scan coverage map and updated GSF libraries for handling Reson 7125 snippet data.

Over the past few years, HYPACK® has made impressive inroads into handling side scan data. We've added more interfaces, now a total of 18, and all are part of standard HYPACK®. Whether you have HYPACK® SURVEY or HYPACK® Max, you can collect side scan data. Of course, you need HYPACK® Max for data processing. (We need to charge for something!)

We continue to add options for side scan acquisition and processing. Many of our feature requests come from our users, so if you have an idea that you would like to see implemented, drop me a note. Our plans for later this year include faster processing and an intuitive interface for downsampling for re-bottom tracking to complete the process in less time.

One last note: We have consolidated all the file conversions to one spot now. The functions of the XTF to HSX converter for multibeam data is now in the SIDE SCAN DATA REFORMATTER (under the Side scan menu). You will no longer need to run the HYSWEEP® EDITOR to convert an XTF file. Once converted, these multibeam files, collected by other software programs, can be converted in the HYSWEEP® EDITOR. Supported sonars include the Reson 900x, 81xx and 7125 and Odom echoscan.

FIGURE 1. *Data Supported by the SIDE SCAN DATA REFORMATTER*



Converting a Reson 7125 XTF file to an HSX file, and running the data through the HYSWEEP® EDITOR shows the following result in Phase 2 of the program:

FIGURE 2. *:Reson 7125 Data in the HYSWEEP® EDITOR*