



A Few New Features of the HSX Converter

by Harold Orlinsky

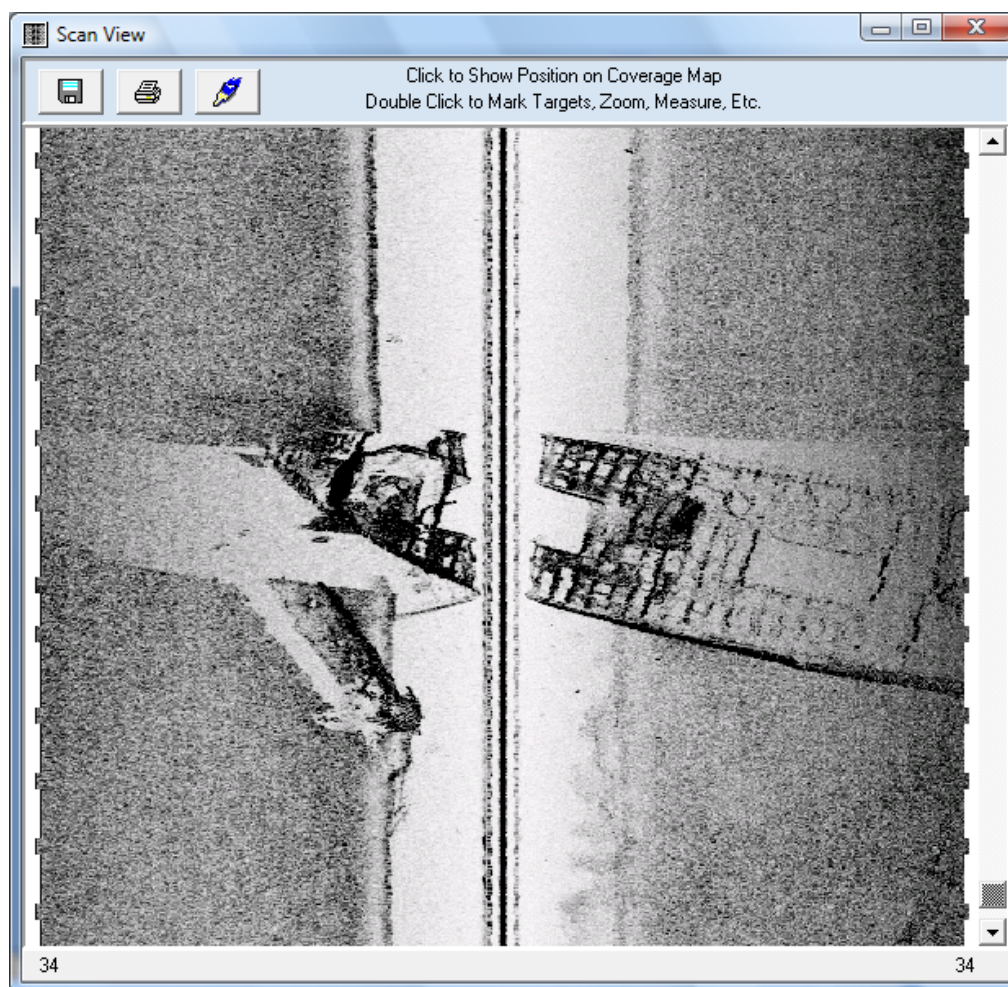
During the past few months, a few new additions have been made to the HSX Converter program in HYPACK®. There are now over a dozen file formats that can be converted to HSX files, for processing in HYSWEEP® EDITOR (MBMax) and SIDE SCAN TARGETING AND MOSAICKING (Hyscan).

These will all be part of the 2011 release.

IMAGENEX SPORTSCAN *.81s – NEW CONVERSION FOR THE 81s SIDESCAN FILE

The nice thing about this converter is there are no settings, as the file is read directly without needing any user options. The data converts to an HSX file, and can be processed in HYSKAN or GeoCoder.

FIGURE 1. A shipwreck, logged as an 81s file, and converted to HSX, shown in HYSKAN, phase 2

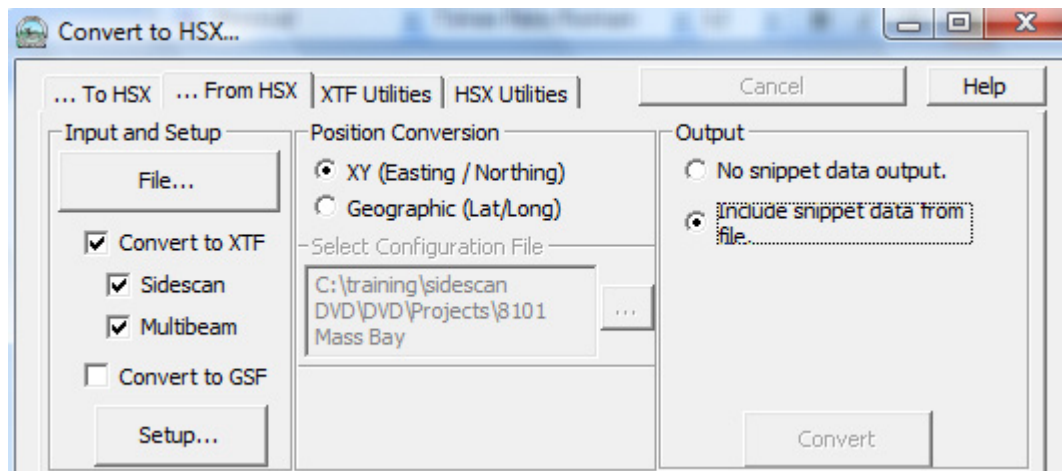


OUTPUT TO XTF

HSX + 81X CAN NOW BE COMBINED TO A SINGLE XTF FILE

For purposes of archiving a single data file, the output to XTF can now hold all information from the HSX, plus the HYSWEEP® .81x file logged for snippets. Previously, only the information stored in the HSX file was used in creating the XTF file.

FIGURE 2.



MAKING SMALLER FILES

Among the converters, we have also added features inside the program that can be very useful.

In the XTF Utilities, there is an option to Reduce File Size. When you have a huge XTF file and need to send someone only a portion of it, use this option to split the file. It will create new XTF files, holding the header, and data packets to follow. The same option is inside the HSX Utilities, allowing you to reduce the file to multiple smaller files, and also split a file, to hold only the multibeam data or the side scan data. Again, the header is kept intact, and the relevant information follows in the HSX file.

FIGURE 3. Reducing an XTF file option

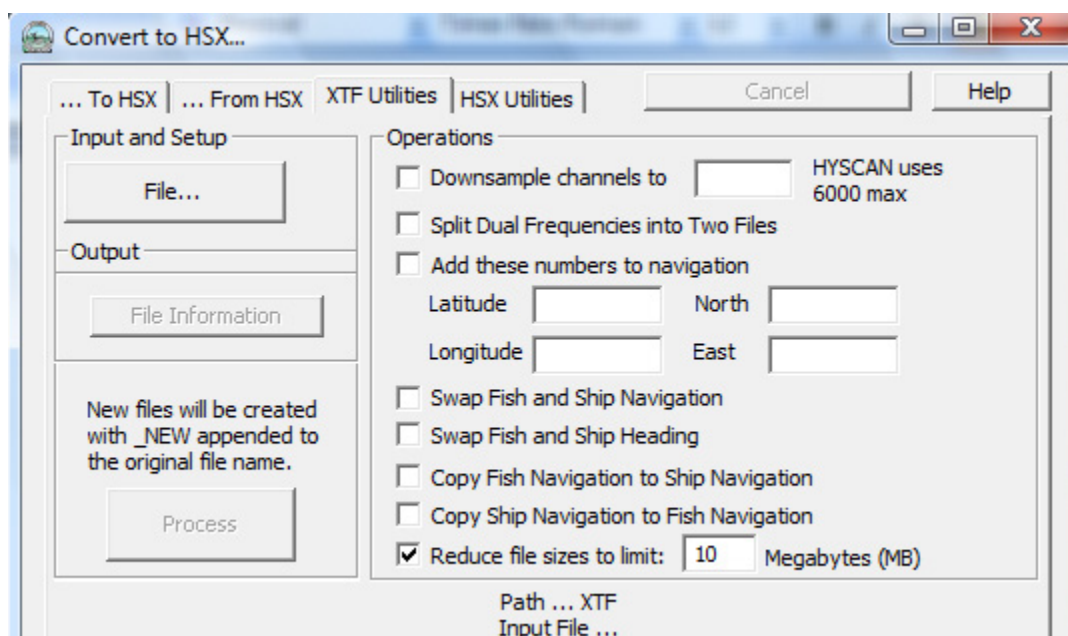


FIGURE 4. Reducing and splitting an HSX file option

