



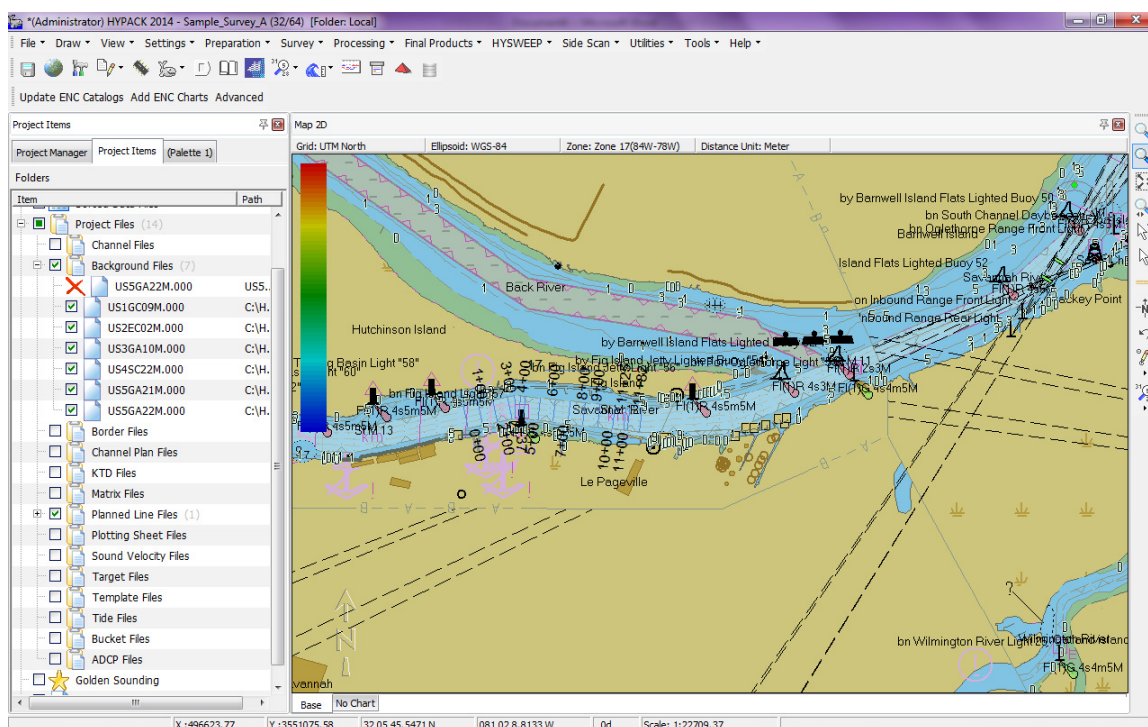
Automatic Download of USACE and NOAA ENC Charts in HYPACK® 2014

By Lourdes Evans

This new feature allows our US-based users to quickly obtain the most recent charts provided by NOAA and the USACE *at no additional charge!*

US-based users who have an Internet connection will be able to download the charts from the USACE and NOAA web-map servers with the click of a button. Both agencies have done a great job making their charts available for download, (*FREE!*) and HYPACK has made it easy to make sure you have the latest chart data.

FIGURE 1. S-57 Charts in HYPACK®



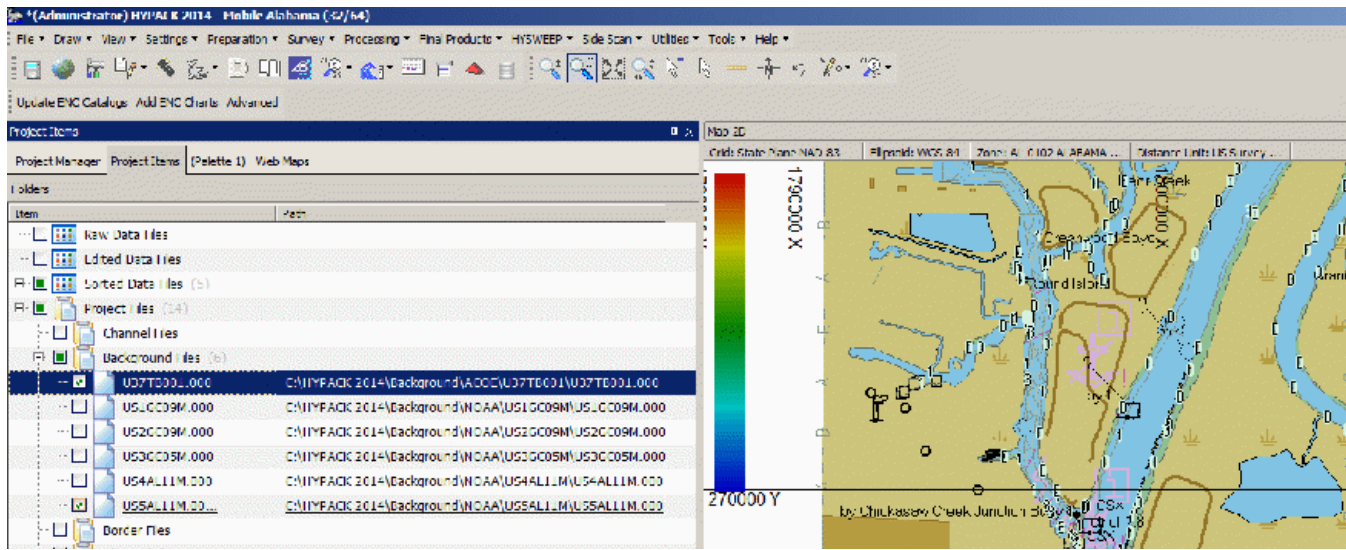
This is only a 2- step process:

Step One: Update ENC Catalog: HYPACK® downloads the latest chart catalogs over the Internet from the NOAA and USACE map servers. This information is stored in your HYPACK® 2014 folder.

Step Two: Add ENC Charts: HYPACK® automatically downloads any NOAA S-57 Charts or USACE IENC Charts. It uses the extents of the HYPACK® Map window and downloads any chart that has information inside that window. The charts are saved to the ACOE or NOAA subfolders under the \HYPACK 2014\Background folder.

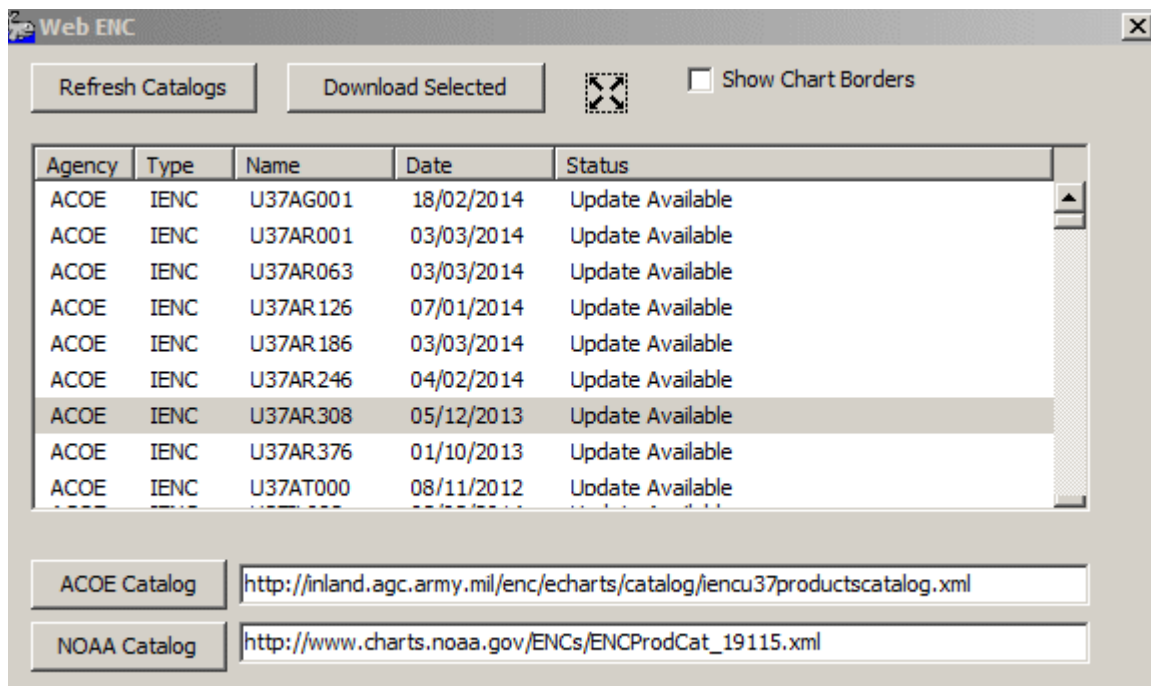
In Figure 2, HYPACK 2014 downloaded five charts from the NOAA S-57 chart server and one chart from the USACE IENC (ACOE) chart server. It automatically sorts the chart to place the ones with the most detail on the top of the display.

FIGURE 2. Five NOAA S-57 Charts and One USACE IENC



The Advanced menu item displays the Web ENC window which allows for more specific control over which charts are loaded.

FIGURE 3. Web ENC Window



This new feature allows our US-based users to quickly obtain the most recent charts from NOAA and USACE with no additional charges!

Thanks to Bill Bergmann! Now, if we could get the foreign charting agencies to stop encrypting and charging for their charts....