

BlueView Technologies – New Multibeam Driver

By Mike Kalmbach

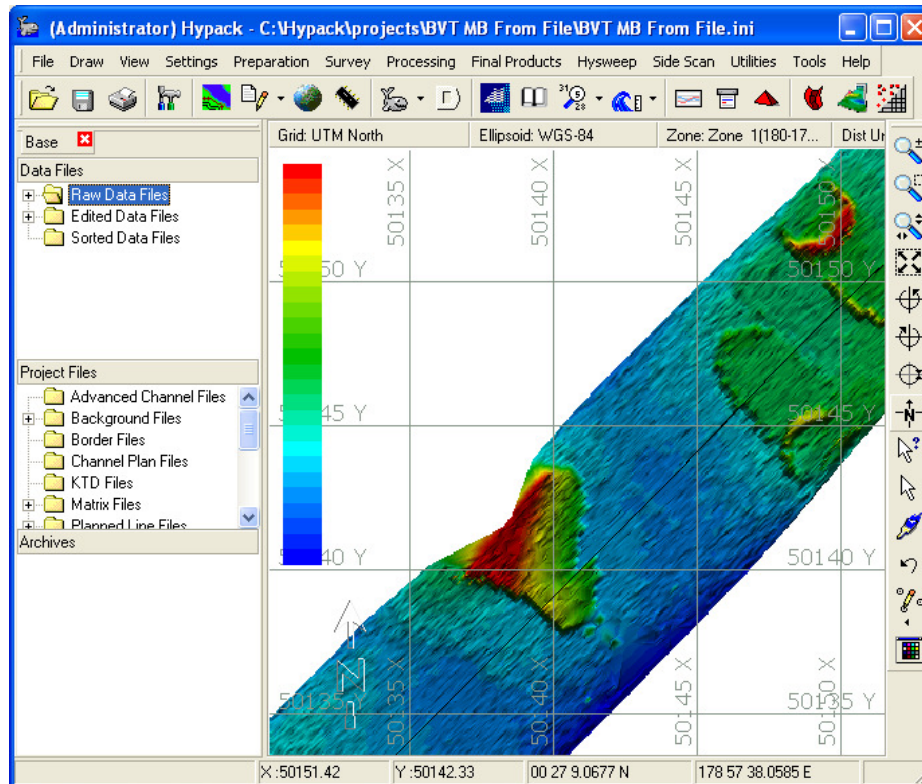
We recently integrated a new multibeam sonar into HYSWEEP® Survey. It is a high frequency, high resolution system from BlueView Technologies. Angular resolution is 0.9 degrees across track by 0.9 degrees along track.

Four models are supported in Hysweep:

- MB1350-45: 1.350 MHz, 45 degree swath,
- MB2250-45: 2.250 MHz, 45 degree swath,
- MB1350-90: 1.350 MHz, 90 degree swath,
- MB1350-90: 2.250 MHz, 90 degree swath,

Because a survey boat was not available for testing, integration was done successfully in a tank at BlueView's Seattle facility.

In addition to the tank test, we took MB1350-45 data from file into the driver, then post-processed in HYSWEEP®. Results are shown in the following screen capture.



BlueView MB1350-45 data

For ROV and AUV operation, the plan is to convert BlueView files to HYSWEEP® HSX format, with post-processing in Multibeam Max and HYPACK®.

For more information contact BlueView at: <http://www.blueviewtech.com>.