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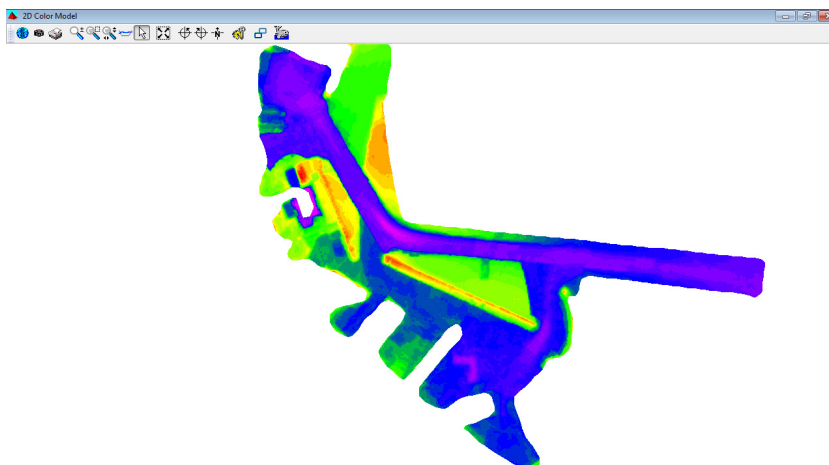
How to Measure a Contour Line Length

By Ivan Izaak

There was a request by one of our customers to measure the total length of a specific contour line. I've decided to share the procedure for this.

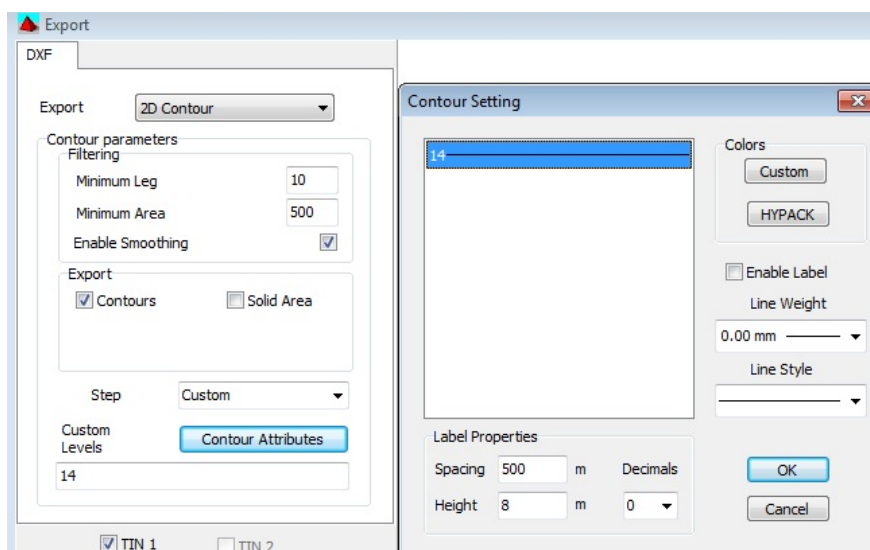
Let's consider this area of a survey and let's measure the length of the 14m contour line here. (It is the blue area contour line over the entrance channel.)

FIGURE 1. Survey Area



1. Select TIN MODEL – EXPORT-CONTOUR (DXF).
2. Set the Custom Level to 14m. Note that no labels are inserted so we have unbroken lines in the end.

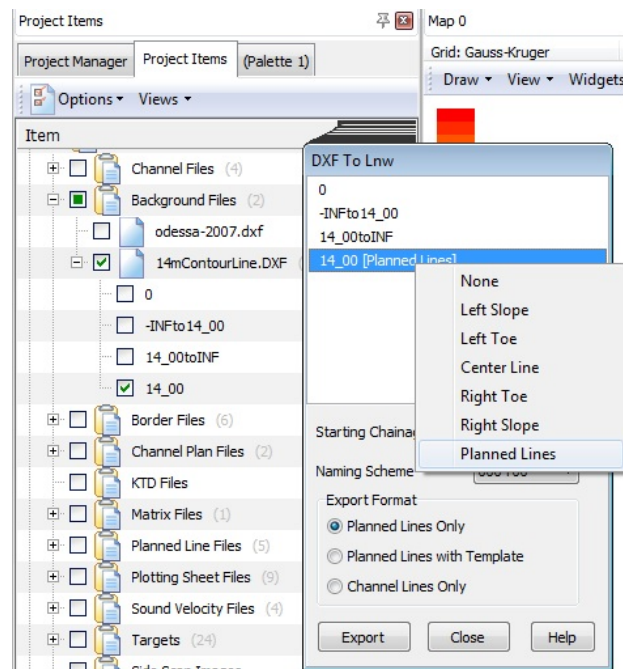
FIGURE 2. 14m Contour Export Setup



TIN MODEL exports the individual contour as an individual layer, which is very helpful for our next steps!

3. In the Main HYPACK Shell, right-click on the resulting DXF with the contour and select the Export to LNW option.
4. In the new dialog, select the specific contour line and assign it as planned line. (You may actually use multiple contours for the same purpose.)

FIGURE 3. DXF to LNW Dialog



5. Right-click on the LNW file in the Project Items List and select Show Lines Report. In my study the total length of the 14m contour is 11473m.

FIGURE 4. Contour Lines Report

