



Lines Within a Border

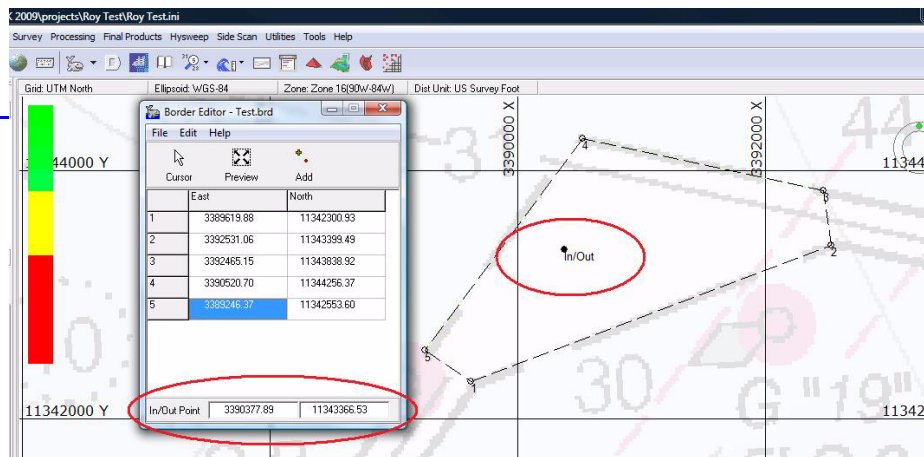
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Most of us are familiar with clipping planned lines with the border file, but not many of us are aware that you can generate lines within the area defined by a border file. It's a very simple method for generating some very nice, clean lines.

1. **Generate a Border File describing your project area.** Open your Border Editor and using either the spreadsheet method or the cursor method create a border that encompasses the area you plan to survey.

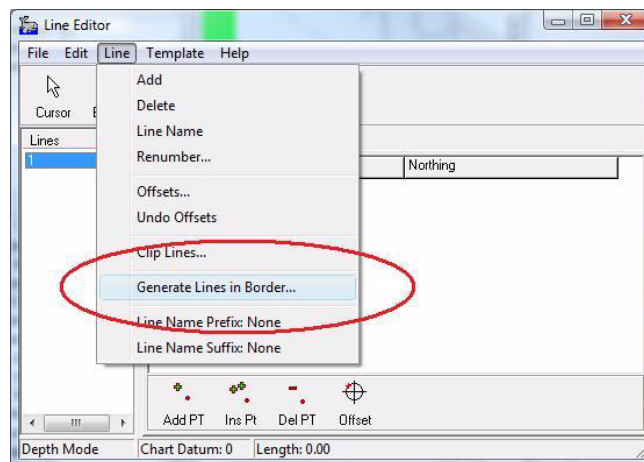
FIGURE 1. Defining a Border File of your Survey Area

Remember if you're using the cursor method, the final click must be a right-click within your survey area.



If you're using the spreadsheet method, your In/Out Point must be within your survey area. When you're done, save your border file. It will be stored, by default, to your project folder and will be displayed under Border Files Folder in the Project Files list.

FIGURE 2.



2. **Now let's generate some planned lines in this Border.**
 - a. **Open the HYPACK® Line Editor, and select LINES-GENERATE LINES IN A BORDER....** the Planned Lines inside Border dialog will appear.

FIGURE 3. *Planned Lines Inside Border dialog*

b. **Instruct the LINE EDITOR how to construct the survey lines.**

- The **Border file** we wish to use, Simply click [...] to the right of the Border File field and select the Border File into which you wish to insert planned lines.
- The **line spacing** for our planned lines
- The **Azimuth** we want the lines to run.

c. **Click [OK]** and take a look at your results. Nice clean lines within your border.

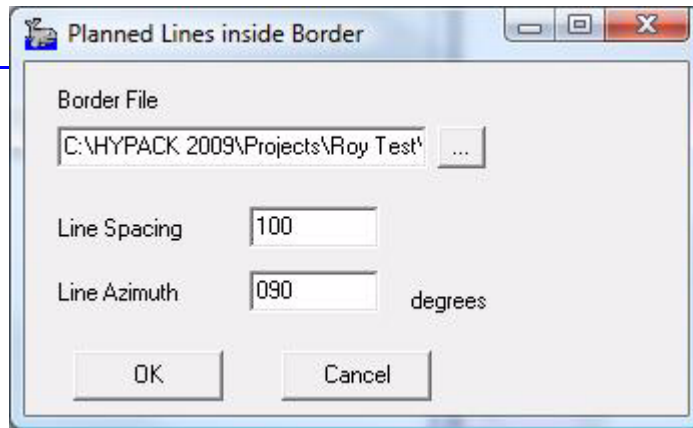


FIGURE 4. *Resulting Survey Line File*



3. **Save the planned lines.** Select FILE-SAVE and name your file. It should automatically be saved to your project folder and enabled in your project.
It just can't get any easier than that!