



HYPACK
a xylem brand

Sounding Better!

Making a Search Grid in the Line Editor

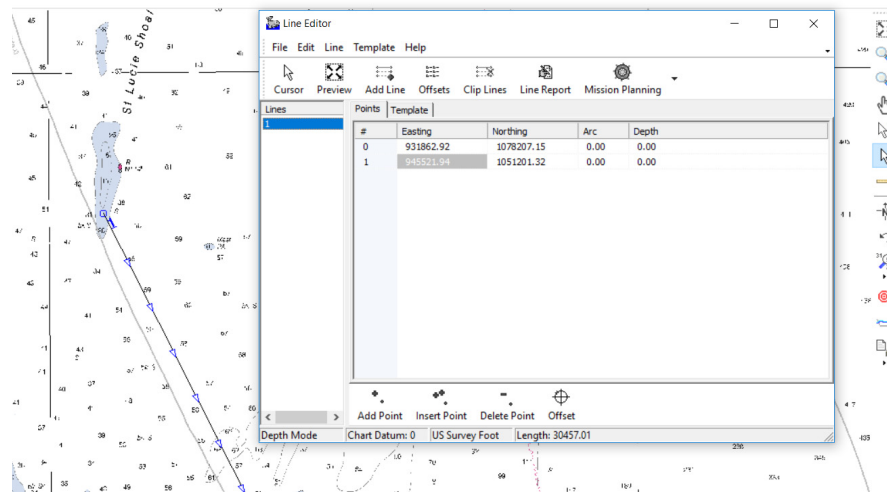
By Jerry Knisley

Recently I was asked how to make a defined search grid for display. In the HYPACK® Line Editor, you can export lines to a DXF chart.

By using the Line Editor, the grid cells can be easily defined using parallel spacing and the centerline method. The steps below show how to create a search grid in the HYPACK software.

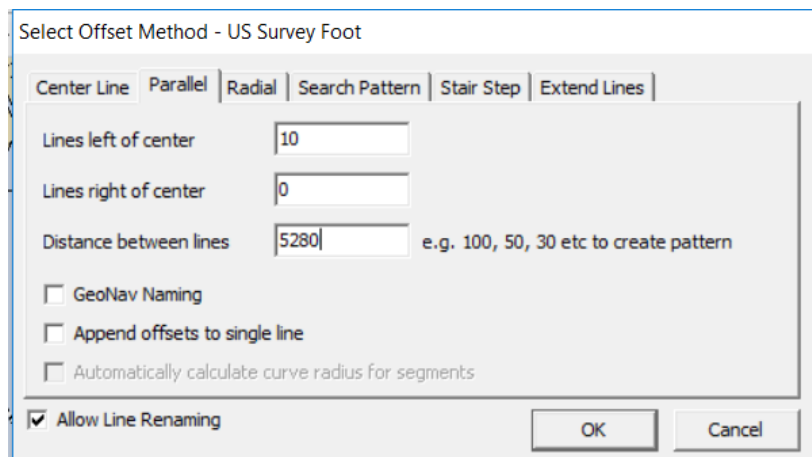
1. Create a base line.

FIGURE 1. Baseline



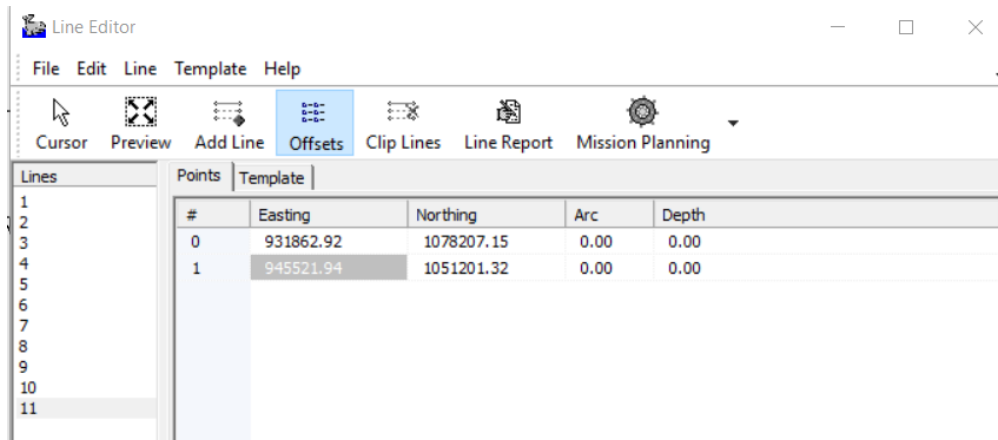
2. Enter the offsets.

FIGURE 2. Parallel Planned Lines



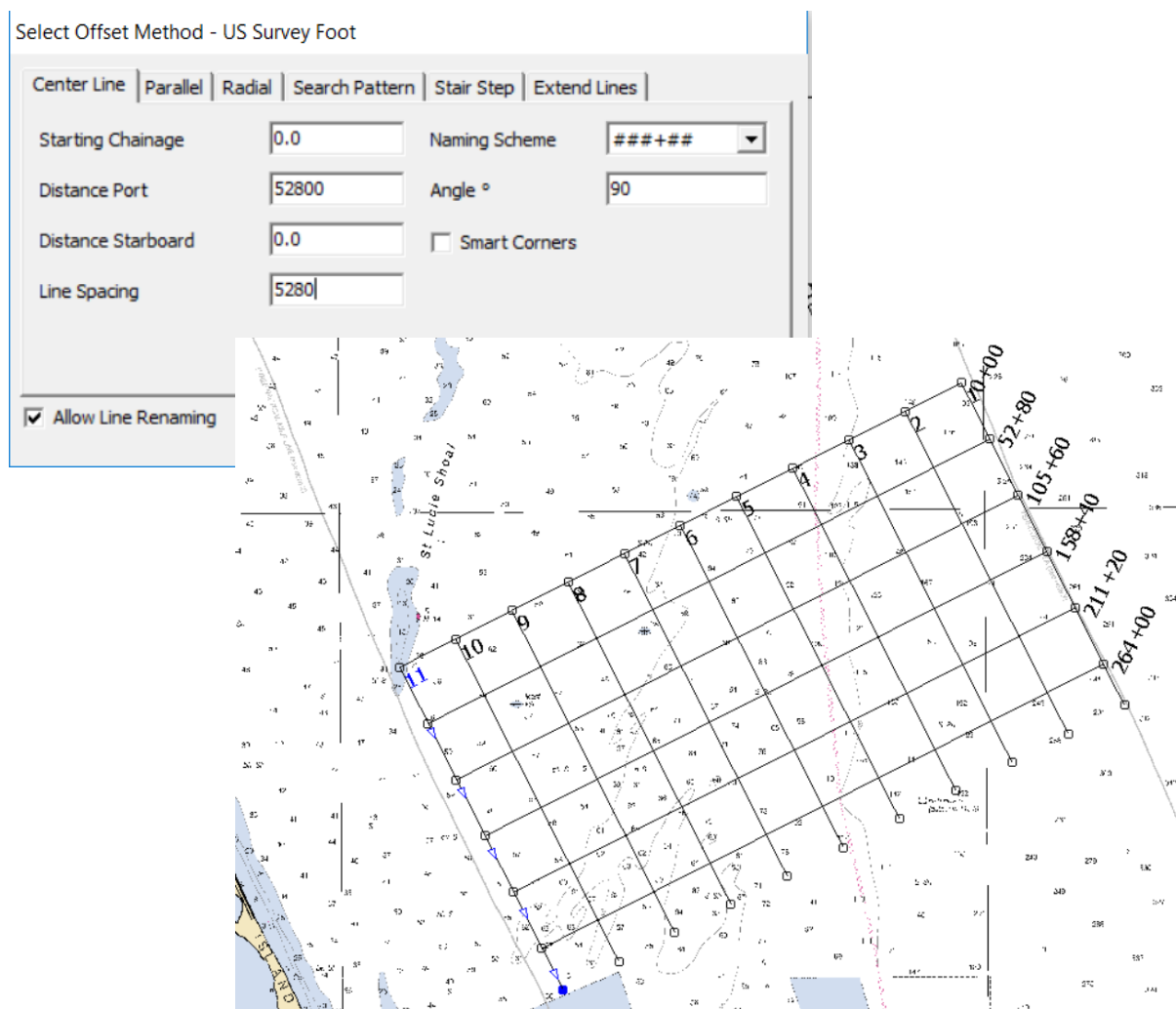
3. **Select the first line.** In this case it is line 11.

FIGURE 3. Selecting the First (or Last) Line.



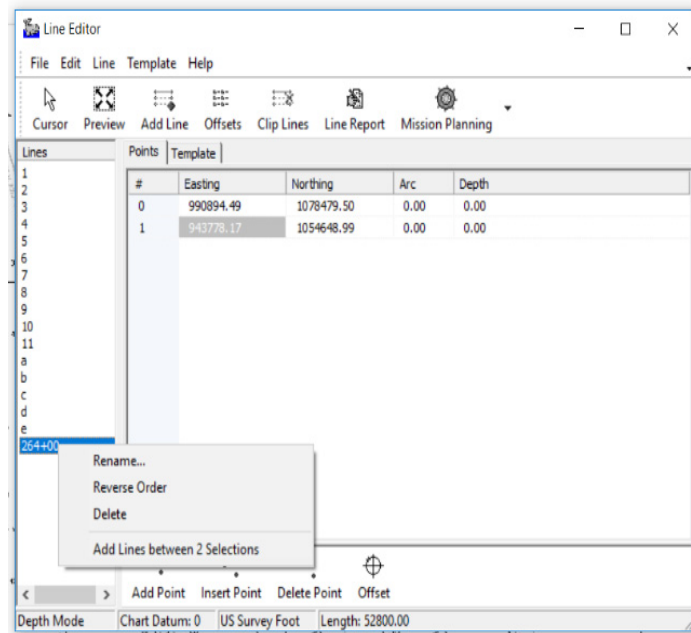
4. **Use the Centerline method to create perpendicular offset.** The new grid is created.

FIGURE 4. Creating Cross Lines with Center Line Offsets



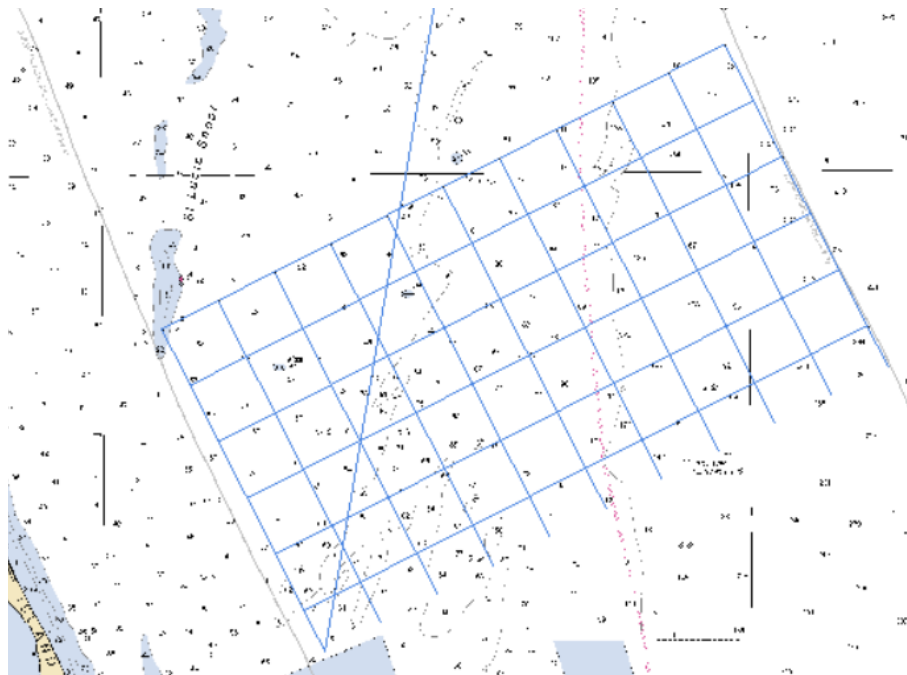
5. **Use the Line Editor to rename the crossing lines.** Right-click on the line name, select the Rename option and provide the new grid label.

FIGURE 5. *Renaming your Lines*



6. **Generate a DXF chart** using the EXPORT TO CAD program (FINAL PRODUCTS – EXPORT).

FIGURE 6. *DXF Output : Planned Lines and S57 Chart Together*



You can export the lines to Google Earth also.

FIGURE 7. *KMZ File with the Planned Line Grid Displayed in Google Earth*

