

## Enlarge/Reduce the Plot Size of Survey Points from CRD Files

The following instructions will guide you through the process of reducing or enlarging the size of survey points drawn on the screen. If your points are too big or too small these instructions will guide you through the process to correct the situation. These instructions assume that all points have been downloaded and drawn. Carlson modules are displayed as **{Survey}**, main menus are displayed as **[Points]**, and submenus and menu commands are displayed as **<Edit Points>**.

- 1) The points in the coordinate file (.crd) should be drawn before attempting these instructions.
- 2) Rescale points that are too big or that are too small : **{Survey} → [Points] → <Resize Point Attributes>**
- 3) In the command line it prompts the user: **Enter point attribute and symbol size <6.25>**
  - a. The number in the set of brackets is the defaulted value. This number is the value was set under Settings. Refer to instructional sheet MD-CS-11 step #10 to see how the size was calculated.
- 4) To change the point attribute and symbol size, multiply the horizontal scale of the plan view by the plot size scale factor. (i.e.,  $50 \times 0.125 = 6.25$ )
- 5) Once the new value has been input press **"Enter"**
- 6) The command line will prompt the user: **Scale symbols only, point labels only or both [Symbols/Labels/<Both>]? Both,** is the default selection.
  - a. Symbols – Only changes the size of the point symbol
  - b. Labels – Only changes the size of the point labels
  - c. Both – Changes the size of both the symbols and the labels
- 7) The command line prompts the user: **Select points from screen, group, or by point number [<Screen>/Group/Number]? Screen** is the default selection.
  - a. Screen – allows the user to select points by selecting or by using a selection window right on the screen
  - b. Group – allows the user to select a group of points (instructions for using the group are below the last screen pick step.
  - c. Number – allows the user to select points by entering the point numbers into the command line. (i.e., 200, 205, 210-230)
- 8) If the screen option is selected you are now prompted to select the points that you would like to scale.

- 9) Pick the points by clicking on the ones that you would like to scale or pick multiple points by using a selection window, once finished hit "**Enter**"
- 10) The selected points should now be scaled to what was selected by the user.

### **Point Selection by Group**

- 1) If you would like to select points by the group option, in step #7 from above chose the **Group** option.
- 2) The "Select Point Group(s)" dialog box appears on the screen.
- 3) To create a new point group, click on **Groups** in the upper left corner of the dialog box. Then click on **Create Point Group**.
- 4) Now the "New Point Group" dialog box appears on the screen.
  - a. Group Name: Enter an identifiable name for the group
  - b. Description: The user has the option of entering a description for the group
  - c. Include Tab: Points in this group would be included in the scaling of points
  - d. Exclude Tab: Points in this group would be excluded from scaling
  - e. Include all: This will include all points in the crd file in this group. (**uncheck box**)
  - f. Point List: **Check box**, if user would like to select points from the crd file and then click **CRD: Select**
  - g. Elevation Range: Check this box if you only want include points in a certain elevation range
  - h. Description: Check this box if you only want to include points with certain descriptions
- 5) For these instructions will follow the process of selecting the points from the crd file.
- 6) Click the "**CRD: Select**" button, now the "Select Points from coordinate file" dialog box opens on the screen.
  - a. Name – Sorts the list by the point name or point number
  - b. North – Sorts the points by the northing coordinate
  - c. East – Sorts the points by the easting coordinate
  - d. Elevation – Sorts the points by the elevation
  - e. Description – Sorts the points by the description
- 7) Choose the points from the coordinate that you would like in the group.
- 8) To select multiple points hold down the Ctrl button while clicking on the points that you would like to include in the group.
- 9) Click "**OK**" when finished.
- 10) Now the "New Point Group" dialog box appears on the screen again.
- 11) In the point list section, it displays the numbers of the points that were chosen to be added to the group.

- 12) Once you are done on this screen, click "**Save Changes**"
- 13) The "Select Point Group(s)" dialog box appears on the screen again.
- 14) The dialog box contains the newly created group with the points that are within the particular group.
- 15) You may continue to add groups if need be.
- 16) Once you are done, click "**Ok**"
- 17) The points that were contained in the groups have now been modified.