



## Transferring Toolkit Data into DNR Garmin

### **Abstract**

This document outlines the steps for selecting data from a Toolkit plan or practice layer and converting that data to a shapefile to be loaded to the DNR Garmin software. Uploading Toolkit data requires a slightly different process from normal data upload due to Toolkit's configuration for geospatial data.

**Note:** This guide is only for use with data generated from Toolkit layers. For non-PLU and non-Practice Layer data, please refer to the task guide *Loading Data from ArcMap to DNR Garmin*.

### **Details**

This guide assumes you are running an ArcMap session within Toolkit which contains a Toolkit plan, and possibly Toolkit practice layers.

**Note:** The screenshots in this example use the Practice Lines layer from a sample Toolkit project.

1. In ArcMap, **click** the *Selection* menu. Then **click** *Set Selectable Layers...* to view a window that manages selectable layers in the map.
2. **Click** the ***Clear All*** button.
3. **Click** the box next to the layer that has data you want to upload so that it is checked. This should only be the PLU or a Practice Layer. Hint: To reduce the possibility of an incorrect selection, only export data from one selectable layer at a time.
4. **Click** ***Close*** and you'll be returned to the map.  
**Note:** Check only the layer from which you want to upload data. This example uses Practice (lines) but your choice may be different depending on your project.
5. Make sure no features are selected from previous work. If available, click the ***Clear Selected Features*** button in ArcMap. If not, then **click** the *Selection* menu and then **click** *Clear Selected Features* from the menu.



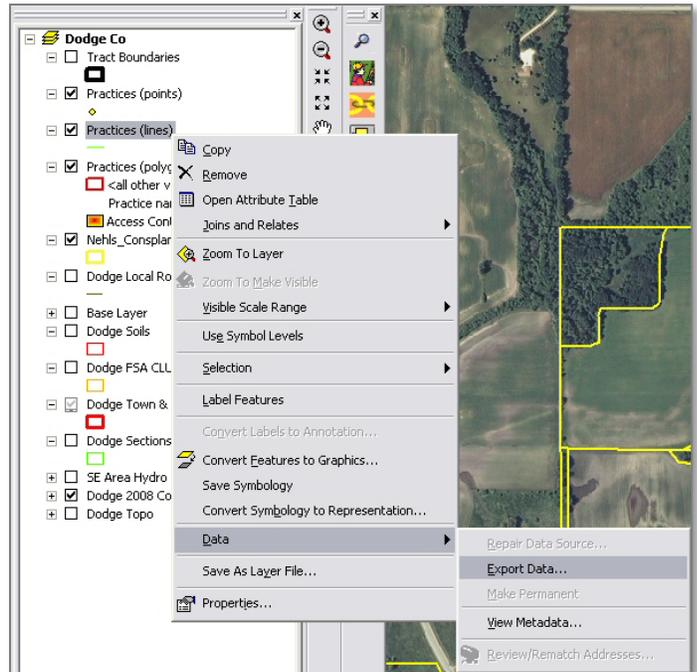
6. Use the ***Select Features*** tool to select the feature(s) of your layer to be loaded to DNR Garmin.

**Note:** In this example, two practice lines within a field have been selected.

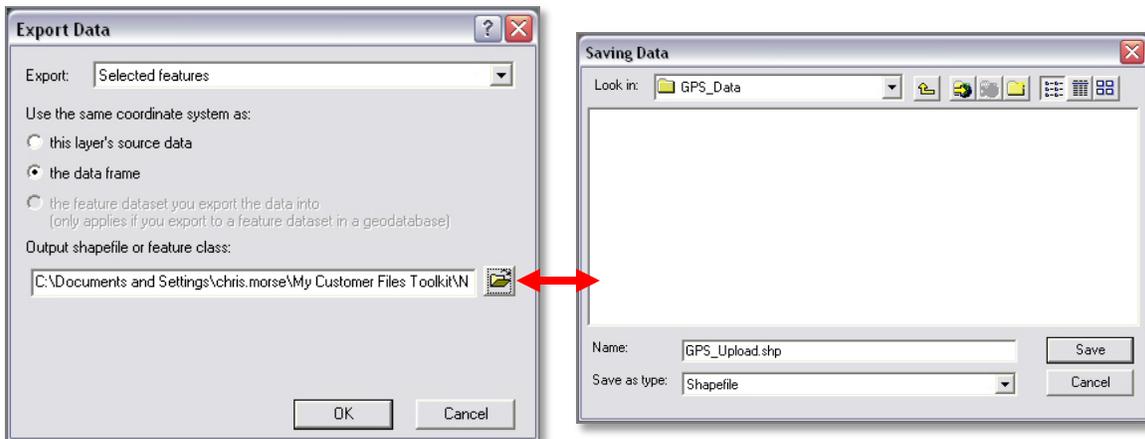




7. Once the desired features are selected, **right-click** the name of the layer in the *Table of Contents* to view a pop-up context menu.
8. From the context menu that appears, **highlight Data ►** with your cursor and another context menu will appear.
9. From this final context menu, **left-click Export Data....**



10. The *Export Data* window will be displayed. Make the following settings:



-Export: **Choose Selected Features** from the drop down menu.

-Use the same coordinate system as: **Choose the data frame** option.

**Note:** This setting is critical. Toolkit PLU and Practice data is actually stored in GCS (Lat/Long) coordinates. To save the data in a format that matches all other geodata, you should use the data frame's coordinate system which should be NAD 1983, UTM Zone 16 North if you are running ArcMap within Toolkit.

-Output shapefile or feature class:

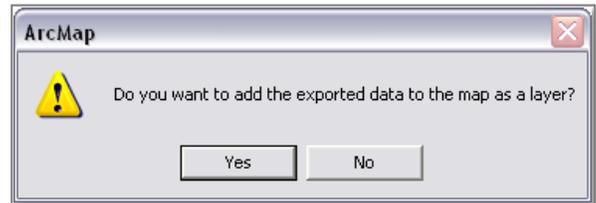
-**Left-click** the **folder** button and then **navigate** to a directory where you will save this data. The recommended location is within the Customer's folder.

-**Type** a name for the file to be saved using underscores and no spaces.

-Set the *Save as type* to *Shapefile*. **Left-click Save**.



11. When finished making settings and naming the file, **Left-click OK**.
12. ArcMap will export a new shapefile containing only the selected data and based upon the export choices you made in step #10 above. The shapefile will have the name you entered and it will be created in the directory you selected in step #10 above.
13. ArcMap will also display a prompt: *Do you want to add the exported data to the map as a layer?* **Left-click Yes**. The shapefile which was just created from the selected features is added to the *Table of Contents* in your ArcMap project.



14. Once the shapefile derived from your Toolkit data is created and displayed in your map project, you may use that shapefile to complete the standard process for loading data to DNR Garmin. Steps for loading the data to DNR Garmin are described in the following guides, either of which is applicable if you followed the above steps.

*Loading Data from ArcMap to DNR Garmin*  
*Loading Data from File to DNR Garmin*

15. After completing the steps to load the data to DNR Garmin from either of the above guides, you may want to remove the shapefile from the current ArcMap project to avoid inadvertently using it as you continue with other planning tasks involving the PLU or Practice Layers. To do so:
  - Right-click** the name of the shapefile in the *Table of Contents*.
  - Click Remove** from the context menu that appears.