

Leica SurvCE Training



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1.0 Introduction

Objectives

In this exercise you will learn how to transfer a codelist from an RX1250, modify it inside Carlson X-Port, and transfer it back to the RX1250, replacing the original.

At the end of the exercise you should be able to perform the following on Leica SurvCE:

- Successfully connect an RX1250 to a desktop or laptop PC via ActiveSync and X-Port and transfer a codelist.
- Modify an existing codelist inside X-Port on the PC.

2.0 Modifying an Existing Codelist

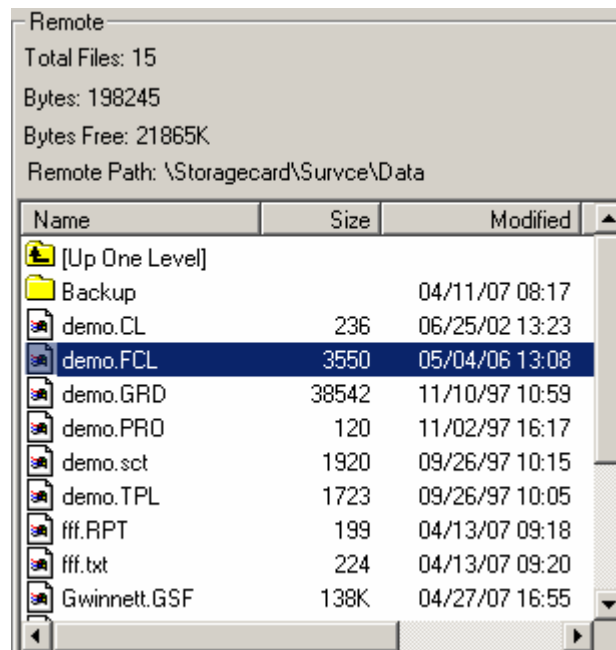
Objective

After completing this exercise you will have transferred an existing codelist from the RX1250 to your PC, modified it in X-Port, and transferred the modified file back to the RX1250.

Getting started

On the Windows desktop of your PC double-click the X-Port icon to start the program. Connect the RX1250 and your PC using a GEV161 cable. Verify that you have established communication between the RX1250 and your PC.

Modifying a Field Code List



On the **Remote** side of the split screen select the following file:

Demo.FCL

Transfer it to the Local PC by

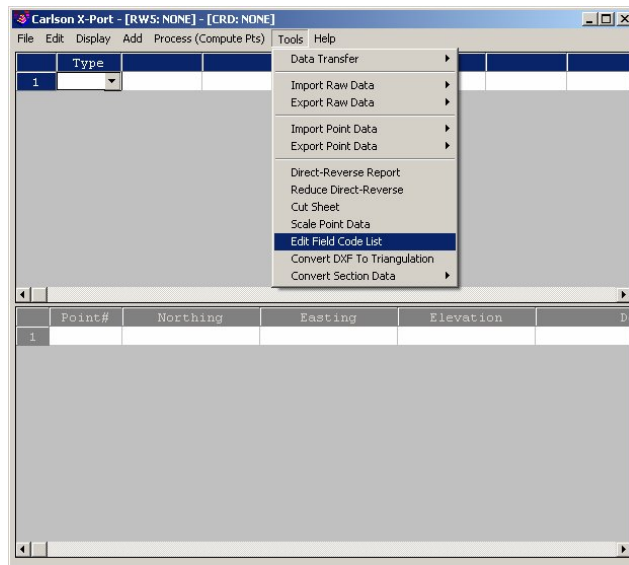


clicking the **Transfer** icon in the toolbar at the bottom of the screen.

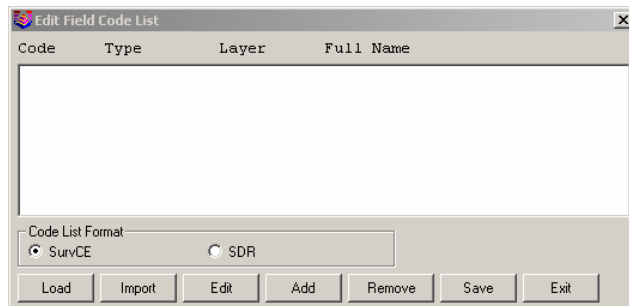
After the transfer is complete



click the **Exit** icon in the toolbar at the bottom of the screen to exit data transfer.

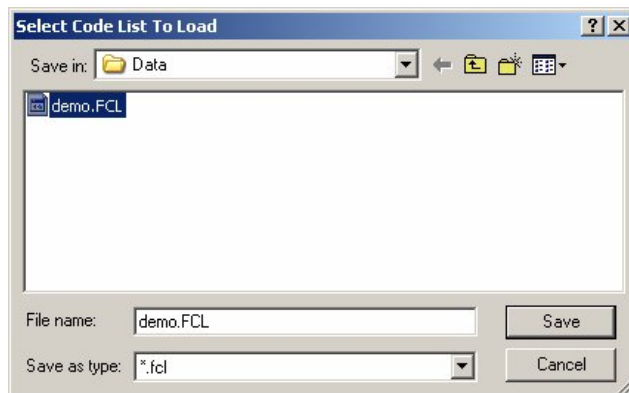


On the Menu let's go to
Tools>Edit Field Code List



Verify that **SurvCE** is bulleted.

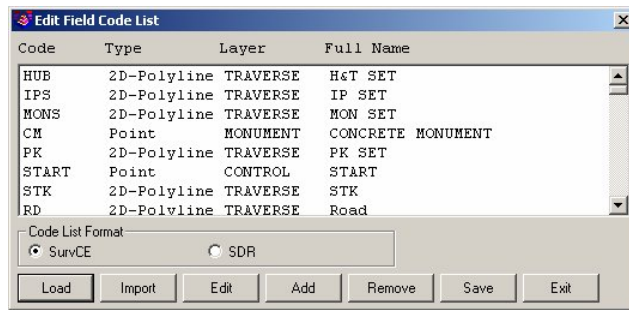
Click the **Load** button .



Select the file **demo.FCL**

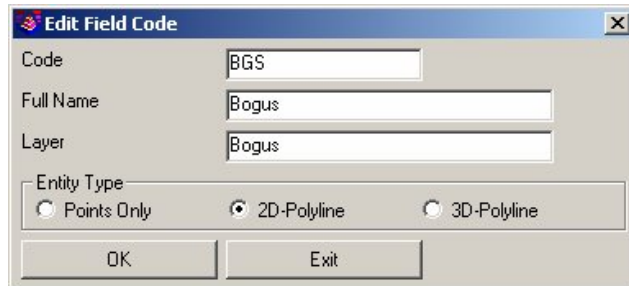
Click **Save** to accept
the selection.

Adding a code to the list



For this exercise we will add a code to the list.

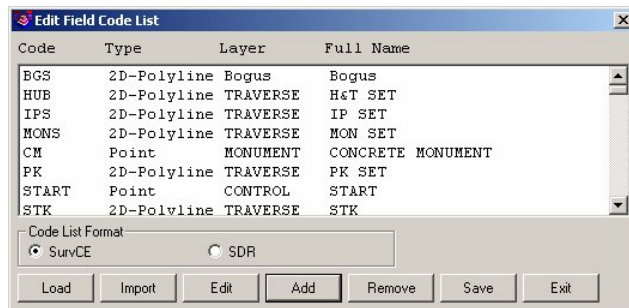
Click the  button.



Enter the following:

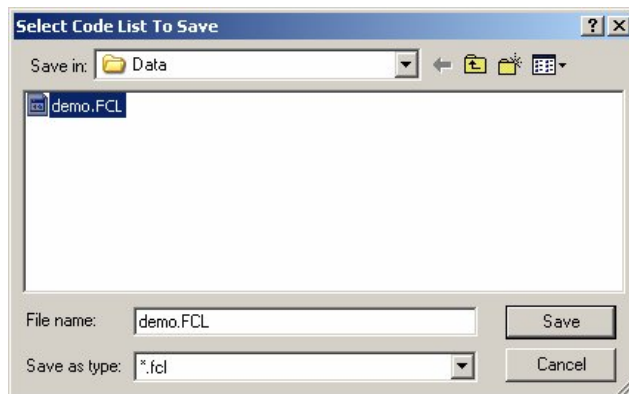
- **BGS** Code
- **Bogus** Full Name
- **Bogus** Layer
- **2D-Polyline** Entity Type

Click the  button.

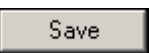


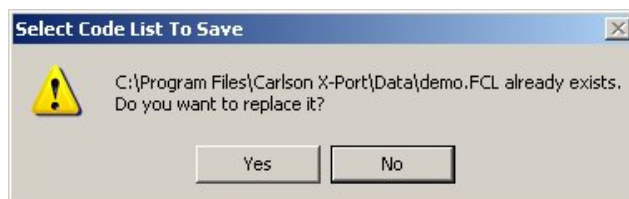
We have modified the FCL in the office. The process is similar in the field, but it is easier to make multiple modifications while in the office.

Click the  button to save the changes.

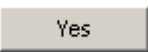


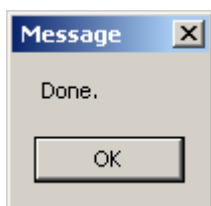
You may overwrite the existing file or create a new one. Let's overwrite the existing one to demonstrate the file overwrite protection system.

Click  on the screen and then click the  button.

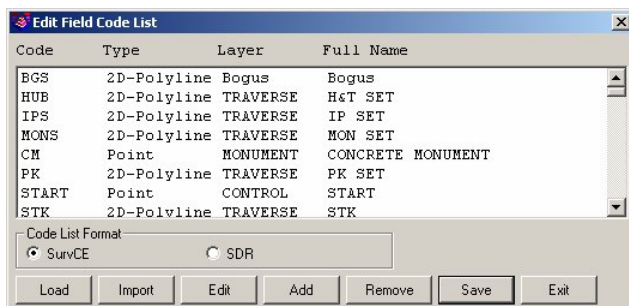


We are warned that we are about to overwrite a file.

Click the  button to continue.

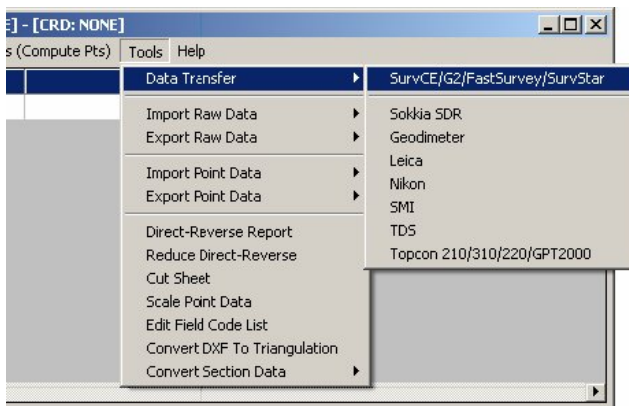


Click the  button.



Click the  button to exit the FCL editor.

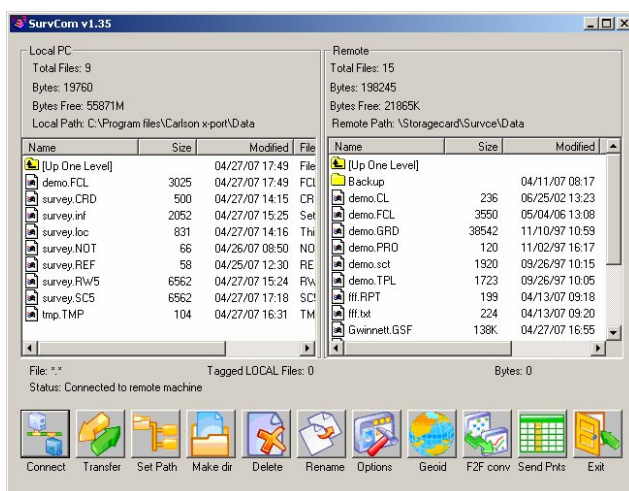
Transferring the FCL back to the RX1250



Let's return to the data transfer program.

From the menu:

Tools>Data Transfer>SurvCE/G2/FastSurvey/SurvStar

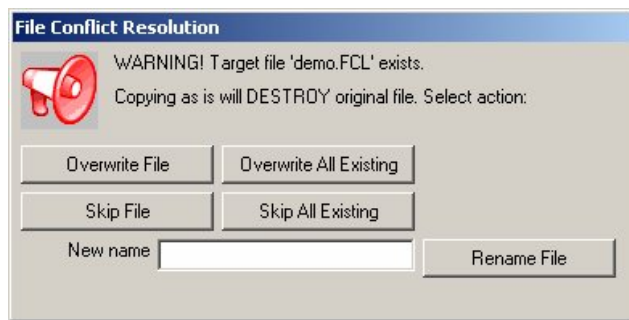


Note that we returned to the directory paths we used the last time we were connected.

Let's transfer the file we just modified back to the RX1250. Select the **demo.FCL** file from the **Local PC** list on the left and



click the **Transfer** icon in the toolbar at the bottom of the screen.



Click the



button.



Click the  button.

After the transfer is complete



click the  icon in the toolbar at the bottom of the screen to exit data transfer.