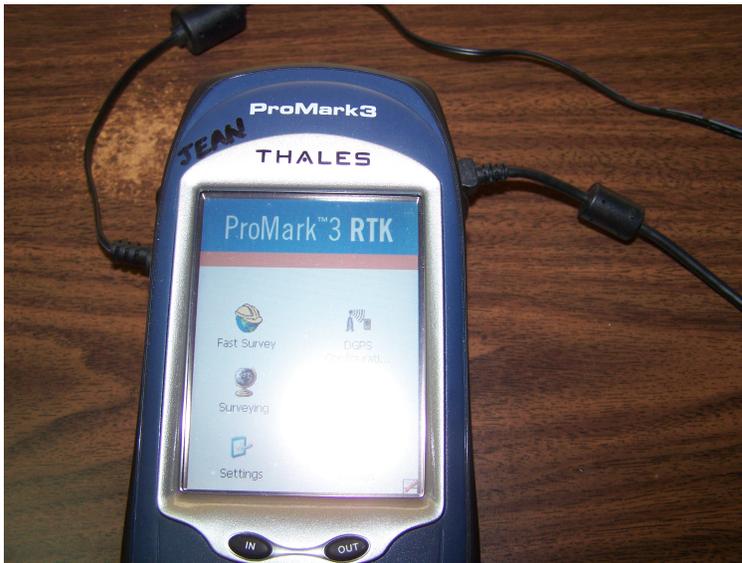


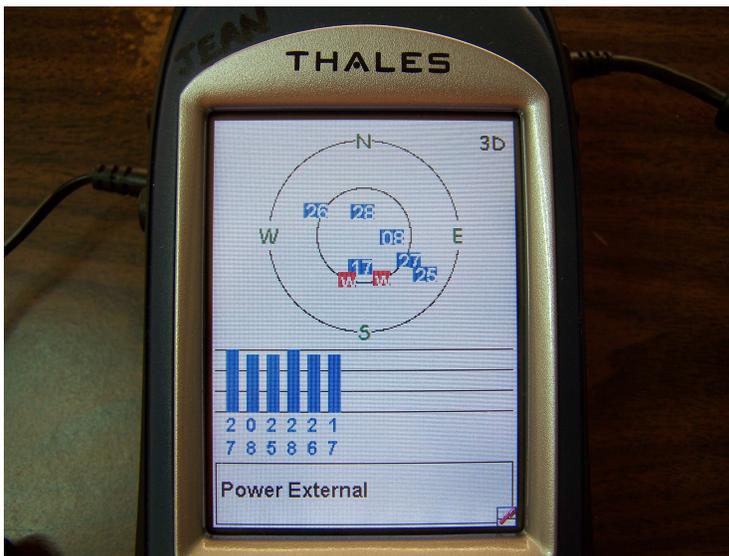
## Connecting the ProMark3 to a PC

These instructions are intended to illustrate and not replace the GNSS Solutions Reference Manual and the instructions in chapter 9 of the ProMark3 / ProMark3 RTK Reference Manual. Please use the manuals for detailed instructions and this document as an example of how it works. The instructions begin on page 162 in the ProMark3 RTK Reference Manual.

The ProMark3 has the I/O module attached, the charger plugged in to make it ready for another day in the field, and the USB download cable connected. It is ready to complete the first step on page 164.



Start the Surveying program then connect the USB cable to the PC.

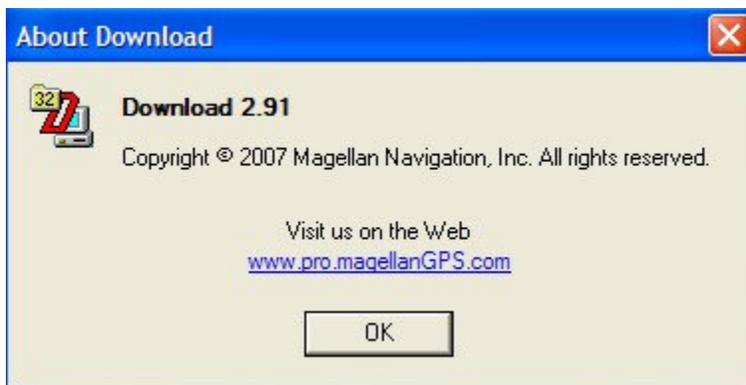


Always use the same USB port on the computer. That will let the Download program always find the ProMark3 on the same port number.

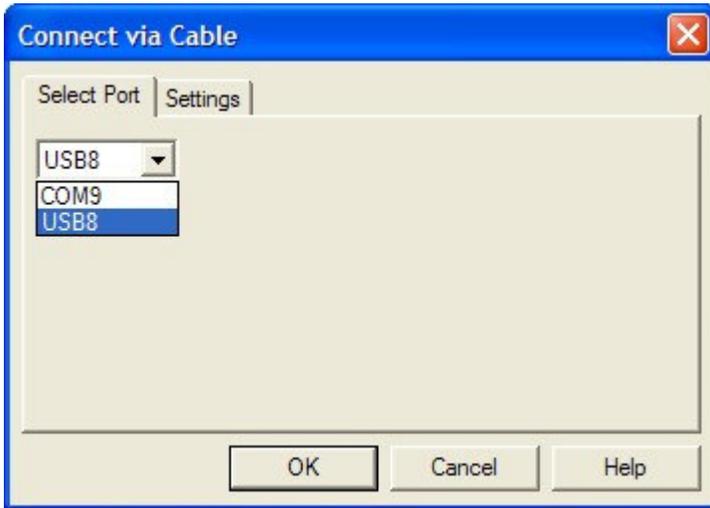


When I use the port on the side of my computer the Download program makes the connection on USB8. This is an important number for me to remember. Your port number may be different.

It is time to start the Download program. The GNSS Solutions Download program is explained in appendix F of the GNSS Solutions Reference Manual. It will illustrate more than the basic details shown here.

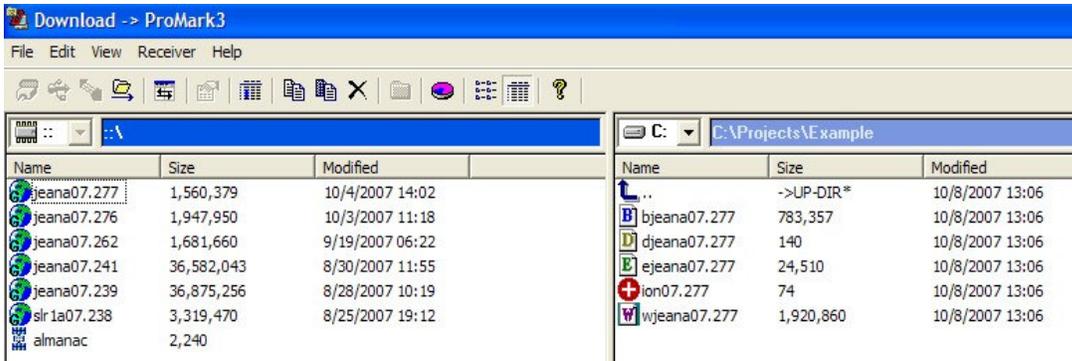


First the connection is made to the port that will read the ProMark3. Yours may not be USB8.

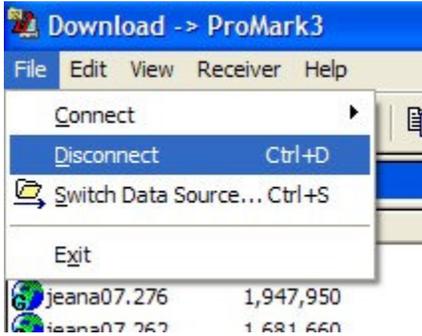


Using the steps described on page 164 in the ProMark3 RTK Reference Manual the Download program reads the files on the ProMark3.

A file on the ProMark3 is selected in the left hand window and copied to the PC drive folder shown in the window on the right.

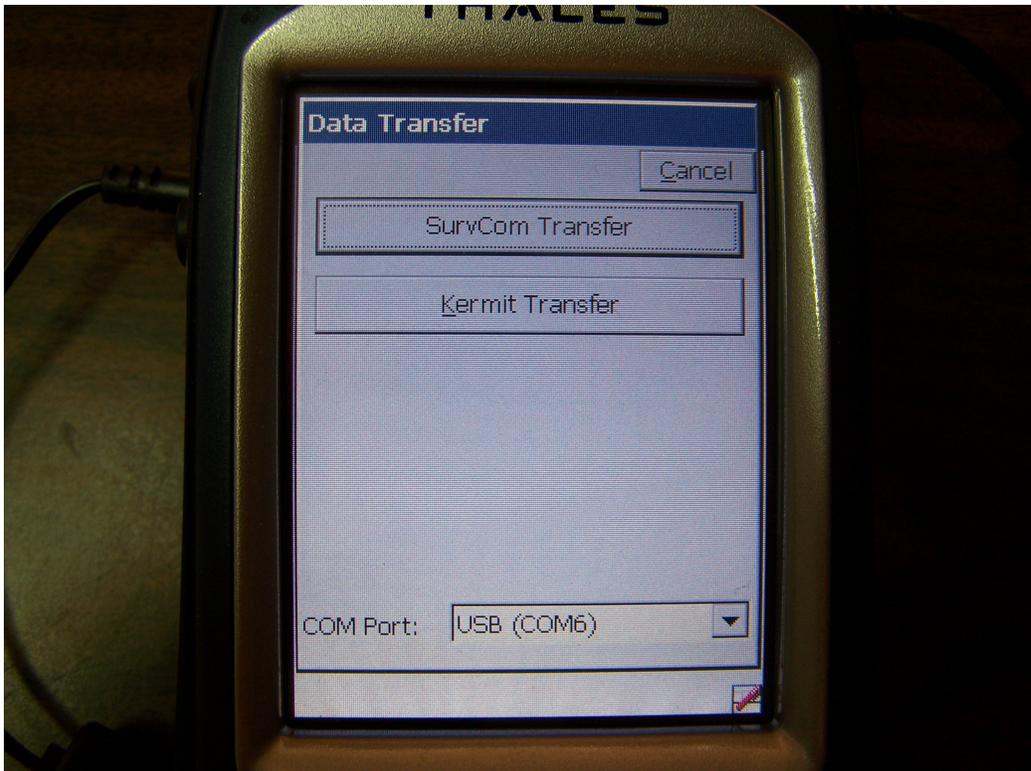


Disconnect the ProMark3 from the download program with a click on the File menu and then Disconnect.

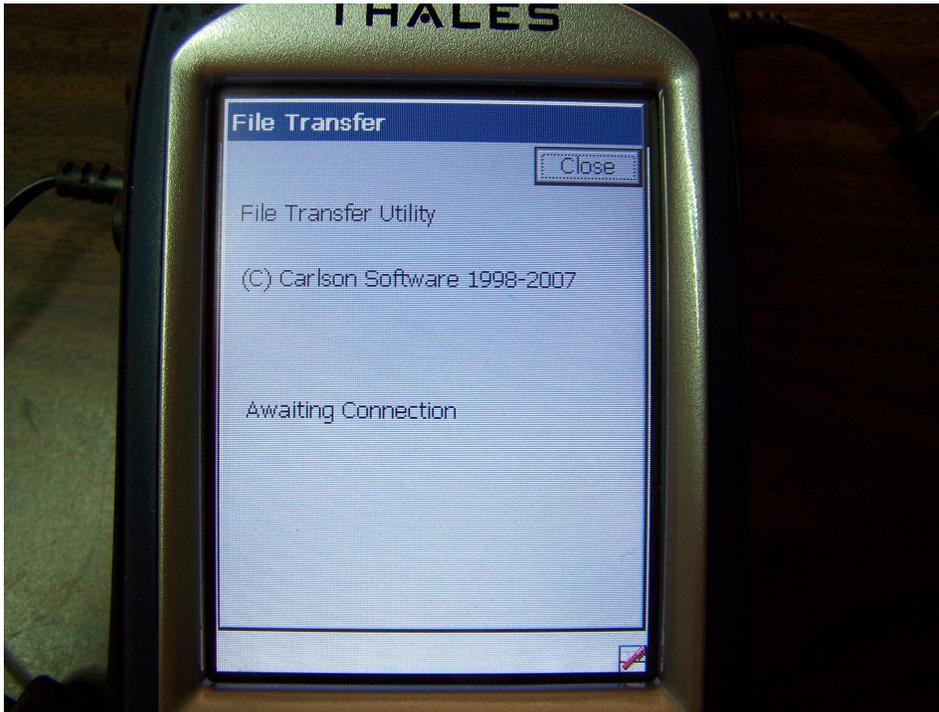


Some people will not want to take their FAST Survey projects to GNSS Solutions. One of the tools that comes with GNSS Solutions is SurvCom. It is described in appendix H of the GNSS Solutions Reference Manual. SurvCom will make the connection to the ProMark3 much as described in the instructions that begin on page 169 in the ProMark3 RTK Reference Manual. Pay particular attention to the port illustrated in the screen shot in the manual and remember the port number that the Download program uses to make the connection to the ProMark3.

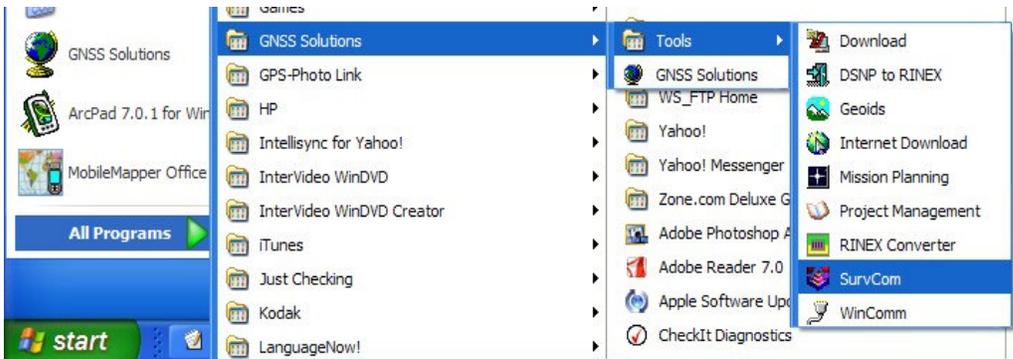
The next two photos illustrate the first step on page 169. The ProMark3 is set to use USB (COM6).



A tap on SurvCom Transfer shows the ProMark3 waiting for the connection.

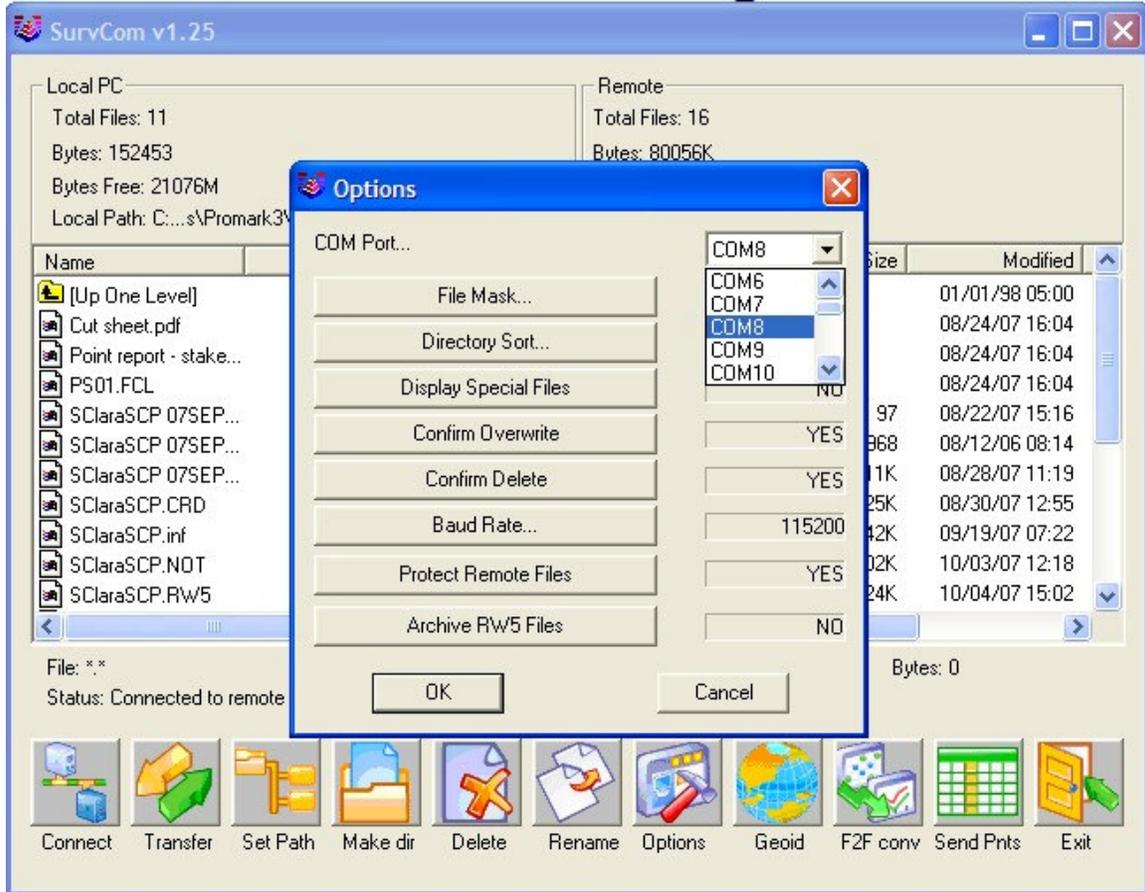


Start the SurvCom program from the Windows Start menu.



Remember the USB port number from Download? Use it now to select the corresponding COM port number in SurvCom. On my computer download uses USB8 and SurvCom uses COM8.

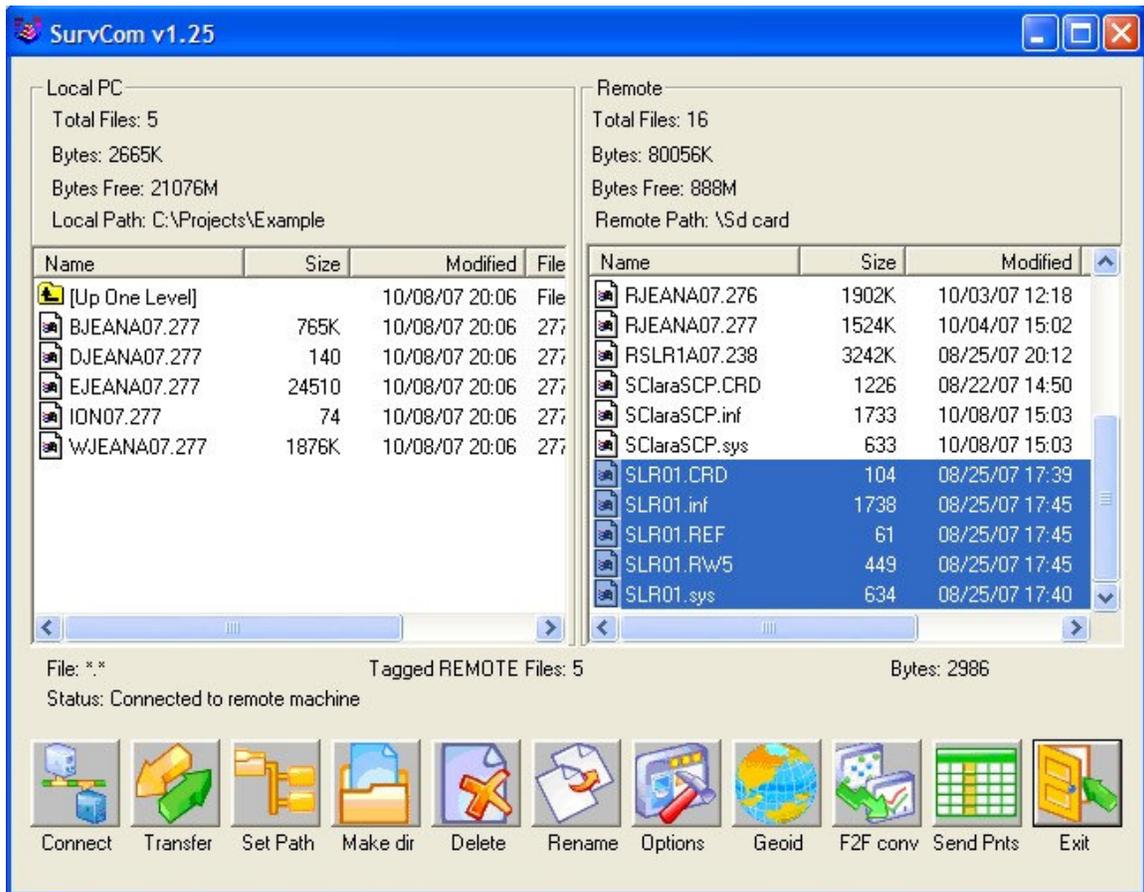
Hel



That is, as long as I remember to use the same USB port for the connection.



With the FAST Survey project files selected on the ProMark3 just click the Transfer button to copy them to the PC folder selected in the left hand SurvCom window.



After the files are transferred Exit from SurvCom on the PC and Close the File Transfer Utility on the ProMark3. Exit from FAST Survey and disconnect the USB cable to end the file transfer connection to the ProMark3.

Phil Stevenson  
October 8, 2007