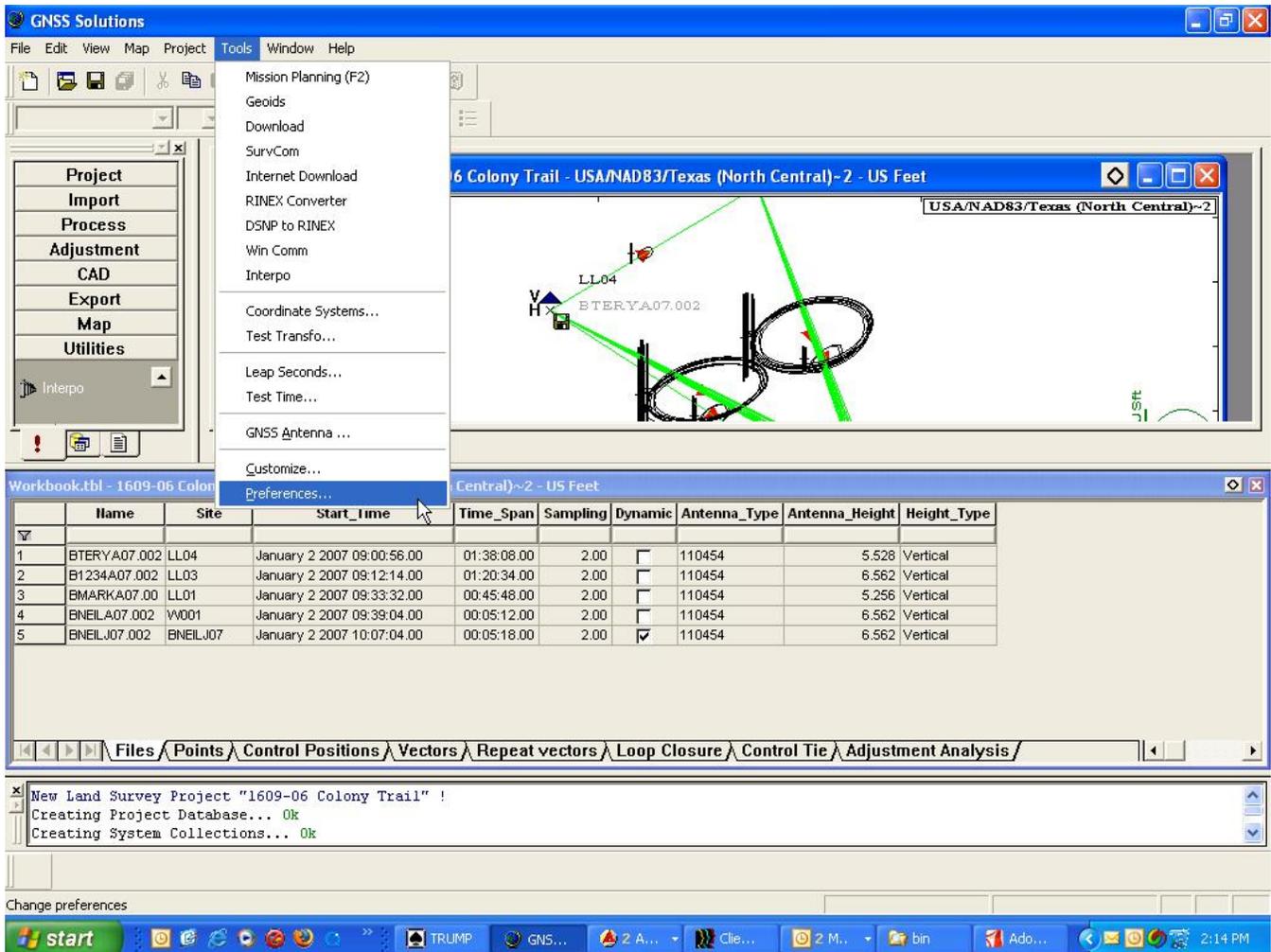


Adding custom tools in GNSS Solutions

8 January 2007

The GNSS Solutions software installation includes a suite of tools, but additional custom tools can be added to the **Tools** drop-down menu and the **Workspace Utilities** pane.

1. Click on the **Tools** drop-down menu and select **Preferences**.

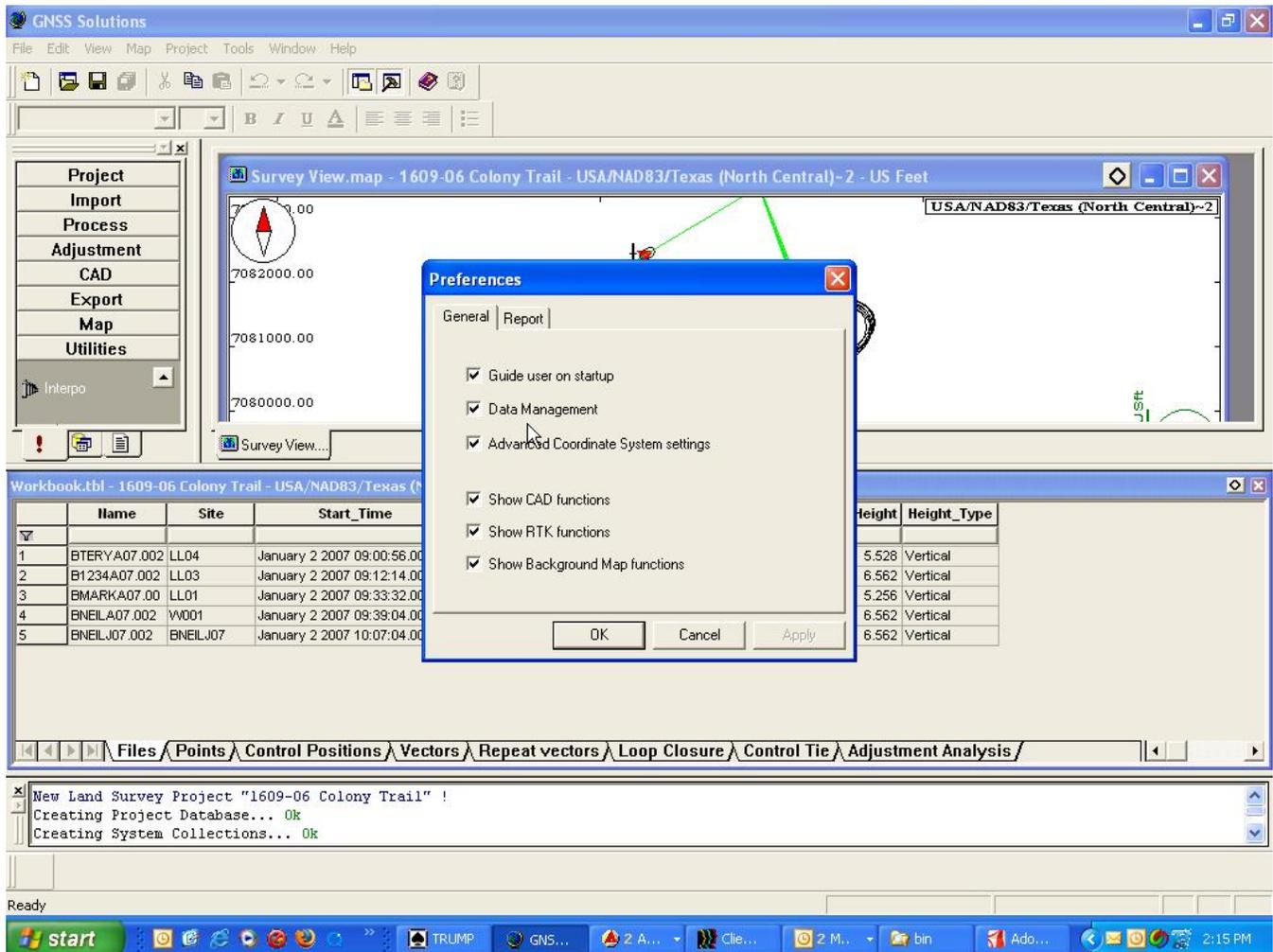


The screenshot shows the GNSS Solutions software interface. The **Tools** menu is open, and **Preferences...** is selected. The main window displays a map of a land survey project with points and vectors. Below the map is a data table with the following columns: Name, Site, Start_time, Time_Span, Sampling, Dynamic, Antenna_Type, Antenna_Height, and Height_Type.

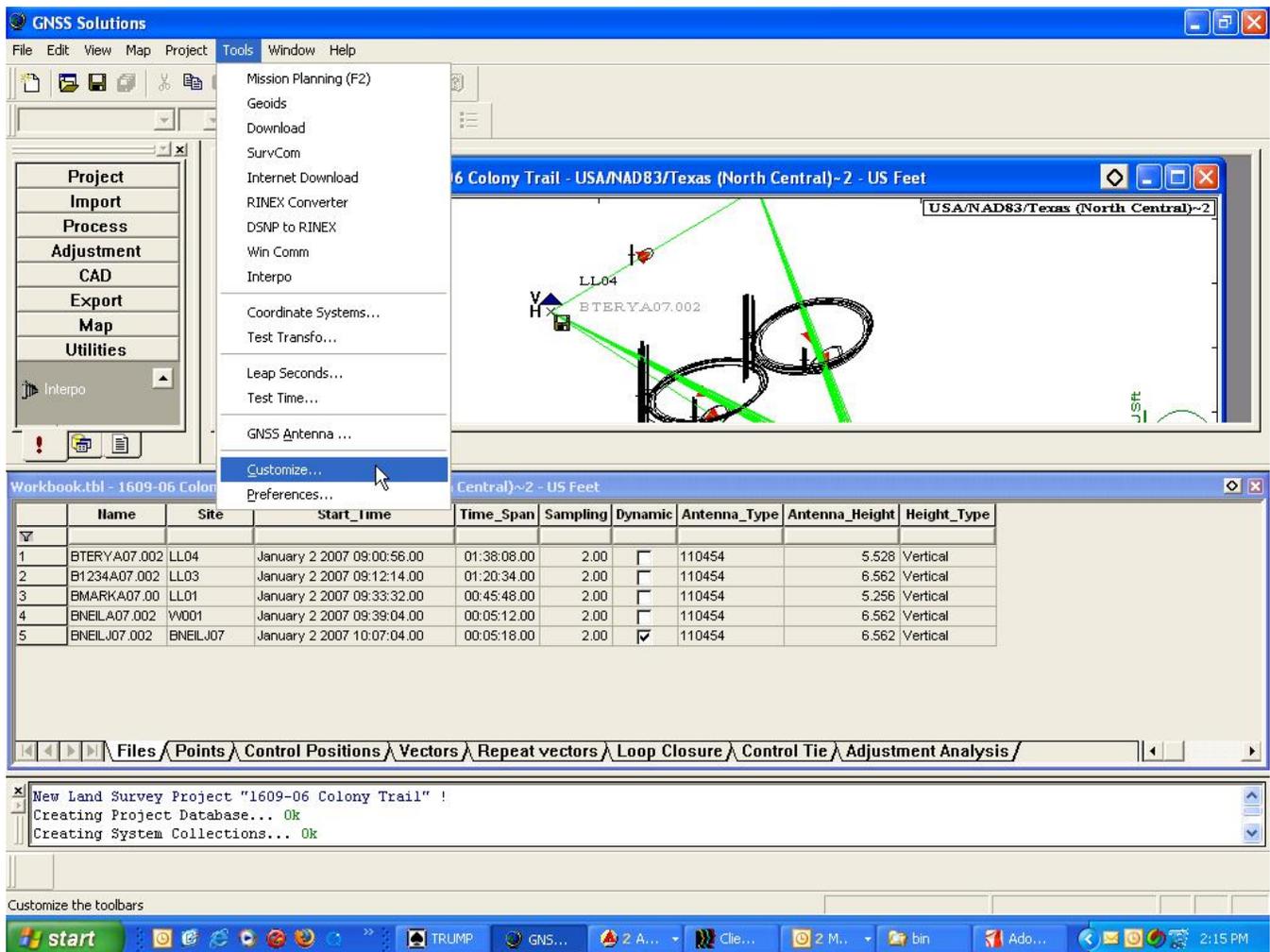
| | Name | Site | Start_time | Time_Span | Sampling | Dynamic | Antenna_Type | Antenna_Height | Height_Type |
|---|--------------|----------|----------------------------|-------------|----------|-------------------------------------|--------------|----------------|-------------|
| 1 | BTERYA07.002 | LL04 | January 2 2007 09:00:56.00 | 01:38:08.00 | 2.00 | <input type="checkbox"/> | 110454 | 5.528 | Vertical |
| 2 | B1234A07.002 | LL03 | January 2 2007 09:12:14.00 | 01:20:34.00 | 2.00 | <input type="checkbox"/> | 110454 | 6.562 | Vertical |
| 3 | BMARKA07.00 | LL01 | January 2 2007 09:33:32.00 | 00:45:48.00 | 2.00 | <input type="checkbox"/> | 110454 | 5.256 | Vertical |
| 4 | BNEILA07.002 | V0001 | January 2 2007 09:39:04.00 | 00:05:12.00 | 2.00 | <input type="checkbox"/> | 110454 | 6.562 | Vertical |
| 5 | BNEILJ07.002 | BNEILJ07 | January 2 2007 10:07:04.00 | 00:05:18.00 | 2.00 | <input checked="" type="checkbox"/> | 110454 | 6.562 | Vertical |

The status bar at the bottom shows the current project: "New Land Survey Project '1609-06 Colony Trail' !". The taskbar at the bottom of the screen shows the Windows Start button, several application icons, and the system clock displaying 2:14 PM on 8 January 2007.

2. Verify that the **Data Management** box on the **General** tab is checked.



- Click on the **Tools** drop-down menu again. Now that **Data Management** is active, the drop-down menu now includes **Customize**. Select it.

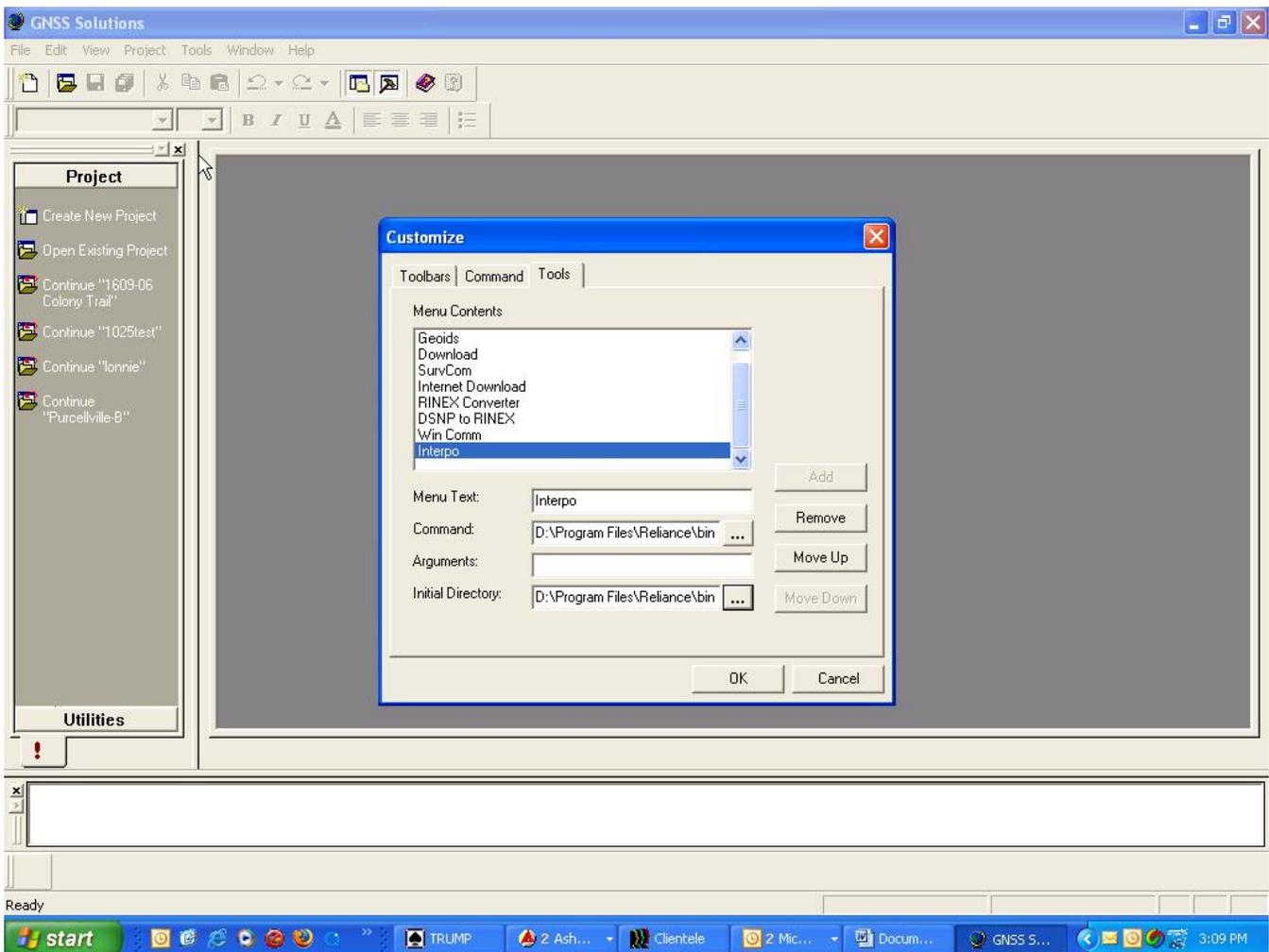


The screenshot shows the GNSS Solutions software interface. The 'Tools' menu is open, and 'Customize...' is highlighted. The main window displays a map of a survey area with points and lines. Below the map is a data table with the following columns: Name, Site, Start_time, Time_Span, Sampling, Dynamic, Antenna_Type, Antenna_Height, and Height_Type.

| | Name | Site | Start_time | Time_Span | Sampling | Dynamic | Antenna_Type | Antenna_Height | Height_Type |
|---|--------------|----------|----------------------------|-------------|----------|-------------------------------------|--------------|----------------|-------------|
| 1 | BTERYA07.002 | LL04 | January 2 2007 09:00:56.00 | 01:38:08.00 | 2.00 | <input type="checkbox"/> | 110454 | 5.528 | Vertical |
| 2 | B1234A07.002 | LL03 | January 2 2007 09:12:14.00 | 01:20:34.00 | 2.00 | <input type="checkbox"/> | 110454 | 6.562 | Vertical |
| 3 | BMARKA07.00 | LL01 | January 2 2007 09:33:32.00 | 00:45:48.00 | 2.00 | <input type="checkbox"/> | 110454 | 5.256 | Vertical |
| 4 | BNELA07.002 | WOOD1 | January 2 2007 09:39:04.00 | 00:05:12.00 | 2.00 | <input type="checkbox"/> | 110454 | 6.562 | Vertical |
| 5 | BNEILJ07.002 | BNEILJ07 | January 2 2007 10:07:04.00 | 00:05:18.00 | 2.00 | <input checked="" type="checkbox"/> | 110454 | 6.562 | Vertical |

The status bar at the bottom shows the current project: 'New Land Survey Project "1609-06 Colony Trail" !'. The taskbar at the bottom of the screen shows the Windows Start button and several open applications, including TRUMP, GNS..., and 2 A... The system clock shows 2:15 PM.

4. Complete the fields in the **Customize/Tools** tab dialog box – the name of the tool and the pathway to it. Click **OK**.



5. The new tool will now be in the **Tools** drop-down menu, as well as in the **Workspace Utilities** pane.