

# Leica FAQ

**Question**

How do I add a plus sign (+) to the end of my codes so a CAD software such as Carlson Survey will connect the line work?

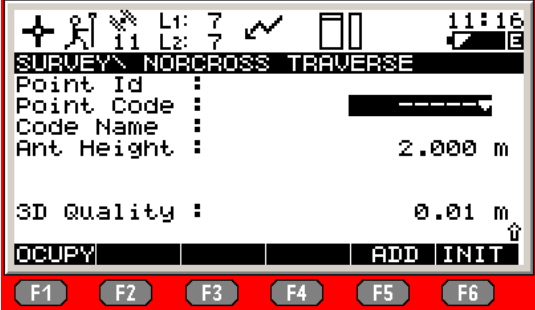
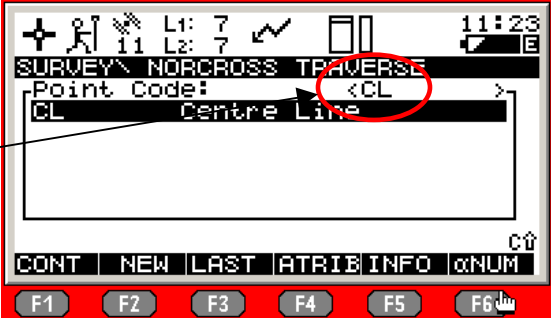
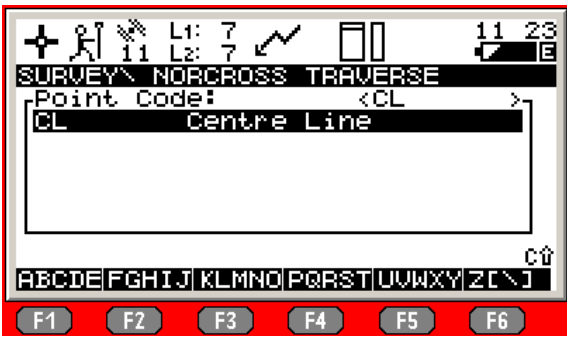
**Answer**

Below is a trick that will attach a character to the end of a code.

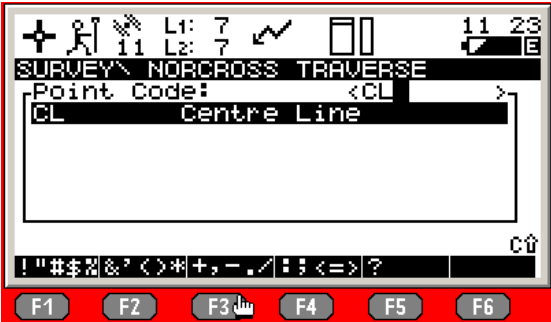

In this example we will create a new code “CL+” based on an existing code “CL” by adding the plus sign “+” after it.

Step	Action	Display
1	From the Main\ menu on the System 500 receiver: <ul style="list-style-type: none"> <li>• Select <b>1 Survey</b> from the Main\ menu.</li> <li>• Press the <b>F1 (CONT)</b> button.</li> </ul> <p>This takes you to the “SURVEY\ Begin” screen.</p>	
2	In the “SURVEY\ Begin” screen: <ul style="list-style-type: none"> <li>• Select the config set, job, coordinate system, codelist, and antenna.</li> <li>• Press the <b>F1 (CONT)</b> button.</li> </ul> <p>This takes you to the SURVEY\ screen.</p>	



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Step	Action	Display
3	<p>In the SURVEY\ screen:</p> <ul style="list-style-type: none"> <li>• Select the “Point Code” field.</li> <li>• Press the <b>Enter</b> button.</li> </ul> <p>This takes you to the “Point Code” list box.</p>	 <p>The screenshot shows the 'SURVEY\ NORCROSS TRAVERSE' screen. The 'Point Code' field is highlighted with a black bar. The screen also displays 'Point Id', 'Code Name', 'Ant Height: 2.000 m', and '3D Quality: 0.01 m'. At the bottom, there are function buttons F1 through F6.</p>
4	<p>In the “Point Code” list box:</p> <p>Without pressing the <b>F2 (NEW)</b> button or any other button:</p> <ul style="list-style-type: none"> <li>• Type in a code.</li> </ul> <p><b>Note:</b> In this example, we entered the code “CL” which was an already existing code. We are <b>not</b> editing an existing code but creating a new code with a plus sign “+” after it.</p> <ul style="list-style-type: none"> <li>• Notice the <b>F6</b> button is now <b>F6 (αNUM)</b>.</li> <li>• Press the <b>F6 (αNUM)</b> button.</li> </ul> <p>This changes the <b>F</b> buttons.</p>	 <p>The screenshot shows the 'Point Code' list box with 'CL' entered. A red circle highlights the '&lt;CL&gt;' text. The F6 button at the bottom is now labeled 'F6 αNUM'. A line points from the text 'Type in a code.' to the input field.</p>
5	<p>Continuing in the “Point Code:” list box:</p> <ul style="list-style-type: none"> <li>• Press the left arrow button.</li> </ul> <p>This displays more character choices.</p>	 <p>The screenshot shows the 'Point Code' list box with 'CL' entered. Below the list box, a full character set 'ABCDEFGHIJKLMNOPQRSTUVWXYZ' is displayed for selection. The F6 button remains 'F6 αNUM'.</p>

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Step	Action	Display
6	<p>Continuing in the "Point Code:" list box:</p> <ul style="list-style-type: none"> <li>Press the <b>F3</b> button.</li> </ul> <p><b>Note:</b> You can select any of the characters displayed on the left.</p> <p>This allows you to choose a specific character.</p>	
7	<p>Continuing in the "Point Code:" list box:</p> <ul style="list-style-type: none"> <li>Press the <b>F1 (+)</b> button.</li> </ul> <p>This selects the plus (+) sign and puts it at the end of the code "CL".</p> <p>Notice the function button symbols have changed back.</p> <ul style="list-style-type: none"> <li>Press the <b>ENTER</b> button.</li> </ul> <p>This changes the function buttons.</p>	

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Step	Action	Display
8	<p>Continuing in the "Point Code:" list box:</p> <p>Press the <b>F2 (NEW)</b> button.</p> <p>This creates the code and returns you to the "SURVEY" screen.</p>	 <p>The screenshot shows the 'SURVEY\ NORCROSS TRAVERSE' screen. A list box titled 'Point Code:' contains the entry 'CL' with 'Centre Line' as its description. The F2 button is highlighted with a mouse cursor. The bottom of the screen shows function keys F1 through F6.</p>
9	<p>In the "SURVEY" screen:</p> <p>Notice the point code and point name are now "CL+".</p> <p>You are now ready to use this code for your survey.</p>	 <p>The screenshot shows the 'SURVEY\ NORCROSS TRAVERSE' screen with the following details for the point code 'CL+':  Point Id : 100  Point Code : CL+  Code Name : CL+  Ant Height : 2.000 m  3D Quality : 0.02 m  The bottom of the screen shows function keys F1 through F6.</p>