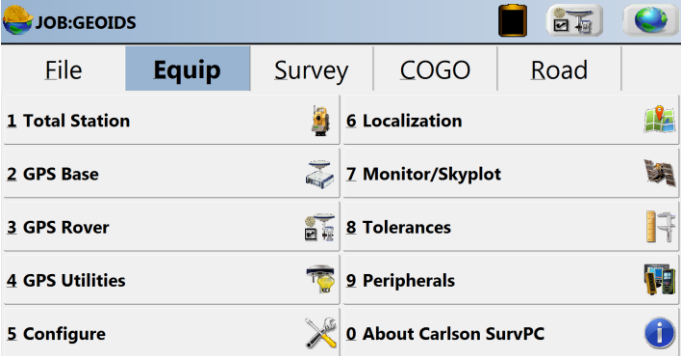

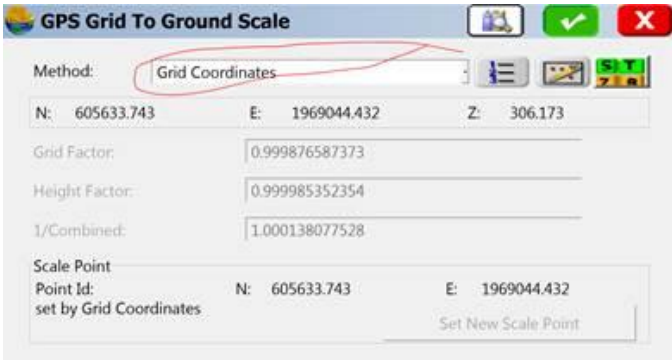
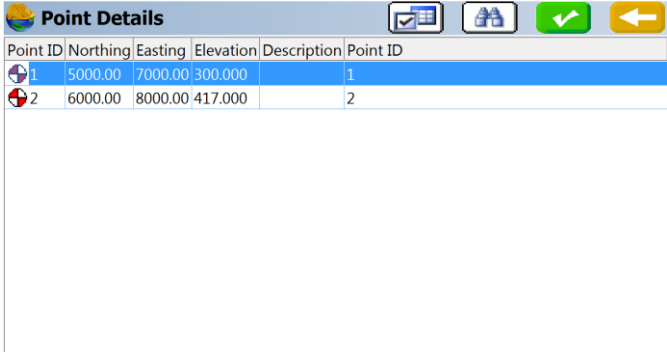
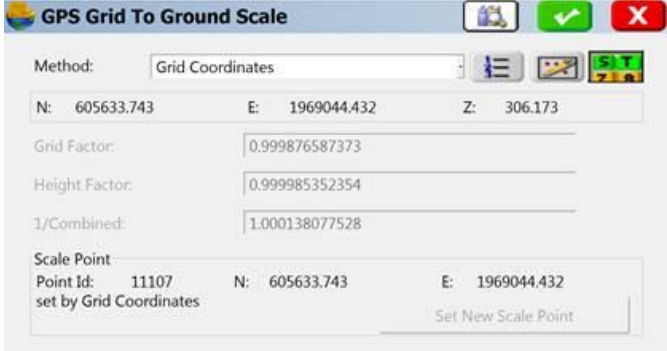
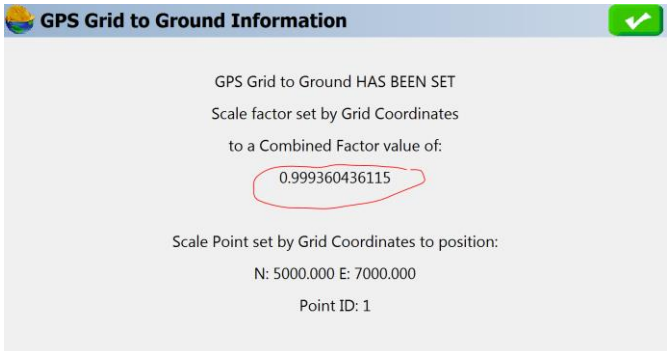
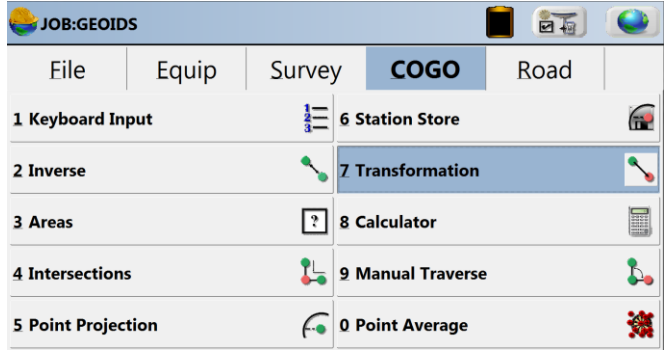
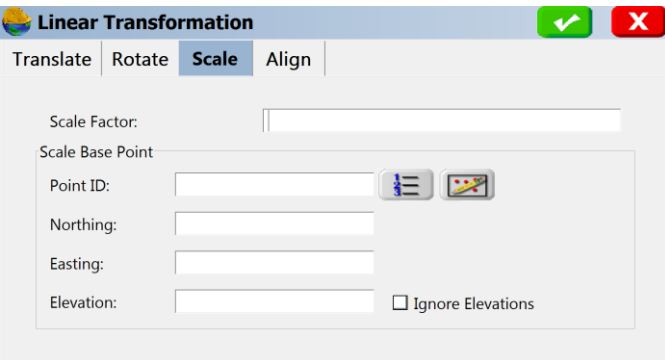
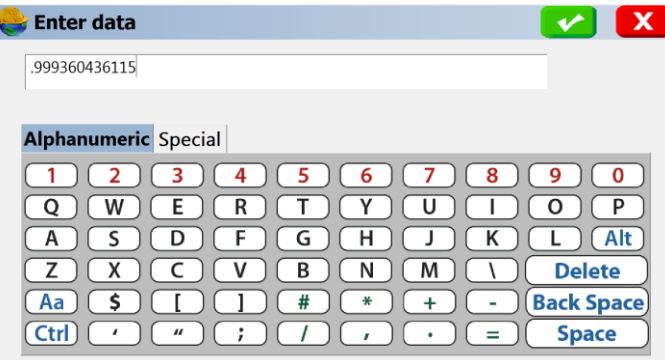


Step	Action	Display
1	<p>a. In SurvCE go to the “Equip” tab, then “Localization”</p>	
2	<p>a. In the “GPS” tab check the “Use Grid to Ground” box. b. Select the “Calculator” icon in the bottom right corner</p>	
3	<p>a. In the “Method” box from the drop down choose “Grid Coordinates” b. Tap “123 drop down list” box to the right</p>	

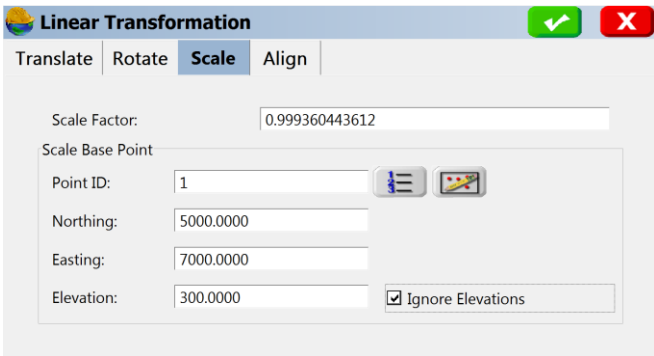
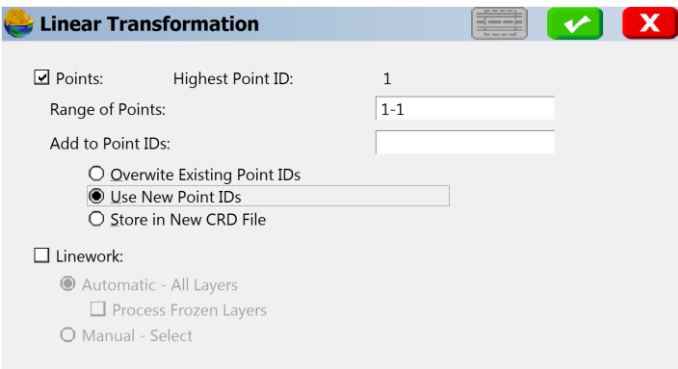
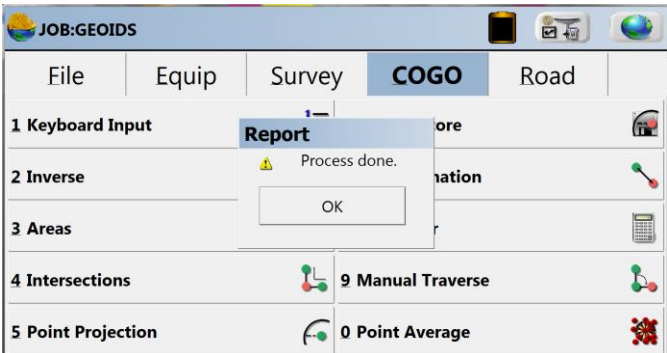
Applying Grid to Ground after Data is Collected

Step	Action	Display
4	<p>a. Locate the point number you want to use as the State Plane Coordinate to scale your Ground coordinates off of.</p> <p>b. Hit the check mark</p>	
5	<p>a. This will return you to the “Grid to Ground” Menu.</p> <p>b. Hit the Green Check mark again.</p>	
6	<p>a. This will display your scale factor information.</p> <p>b. Write this number down.</p> <p>c. Hit the Green Check mark two more times to return to the main menu.</p>	

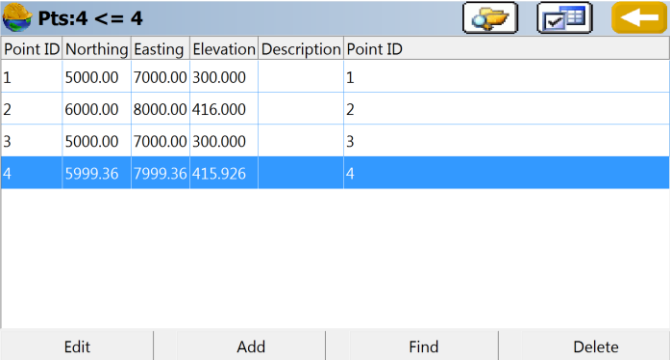
Applying Grid to Ground after Data is Collected

Step	Action	Display
7	a. Go to the "COGO" tab and then "Transformation"	
8	a. Go to the "Scale" tab	
9	<p>a. Type in the Scale Factor you wrote down in step 6</p> <p>b. Hit the Green Check mark</p>	

Applying Grid to Ground after Data is Collected

Step	Action	Display
10	<ul style="list-style-type: none"> a. Pick the same Point number you used in step 4 and put it in the “Point ID” field b. Check the “Ignore Elevations” box to keep the elevations from being scaled c. Hit the Green Check mark 	
11	<ul style="list-style-type: none"> a. Select which points you want to adjust (You can type “ALL” for all points) b. Hit the Green Check mark <p>NOTE: it would be a good idea to either store them in a “New CRD File” or to “Use New Point ID’s” to avoid losing your original data. If it is a “New CRD File”, it will create a new job. If “New Point ID’s” it will add them to the current job as different points</p>	
12	<ul style="list-style-type: none"> a. If you did not select the “Linework” check box you may get a warning. Select the proper response and proceed. b. You will then get a “Process Done” Report c. Press “OK” 	

Applying Grid to Ground after Data is Collected

Step	Action	Display																														
13	<p>a. Go to the “Job” tab and either open the “New Job” CRD file you created in step 11 or go to points and verify that the points have been adjusted.</p> <p>b. You can now export the points as needed.</p>	 <table border="1" data-bbox="824 325 1490 478"> <thead> <tr> <th>Point ID</th> <th>Northing</th> <th>Easting</th> <th>Elevation</th> <th>Description</th> <th>Point ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5000.00</td> <td>7000.00</td> <td>300.000</td> <td></td> <td>1</td> </tr> <tr> <td>2</td> <td>6000.00</td> <td>8000.00</td> <td>416.000</td> <td></td> <td>2</td> </tr> <tr> <td>3</td> <td>5000.00</td> <td>7000.00</td> <td>300.000</td> <td></td> <td>3</td> </tr> <tr style="background-color: #007bff; color: white;"> <td>4</td> <td>5999.36</td> <td>7999.36</td> <td>415.926</td> <td></td> <td>4</td> </tr> </tbody> </table>	Point ID	Northing	Easting	Elevation	Description	Point ID	1	5000.00	7000.00	300.000		1	2	6000.00	8000.00	416.000		2	3	5000.00	7000.00	300.000		3	4	5999.36	7999.36	415.926		4
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Please contact either your local dealer or Champion Instruments at 770-243-3254 with any questions.

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