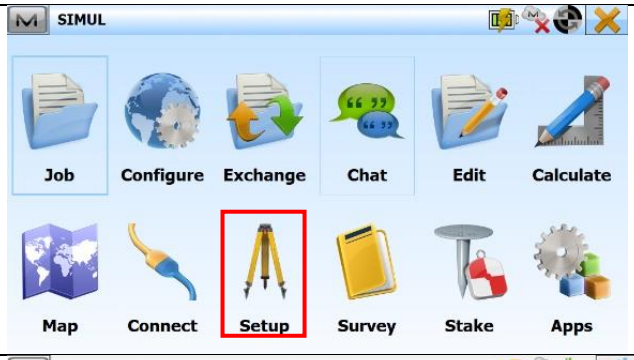
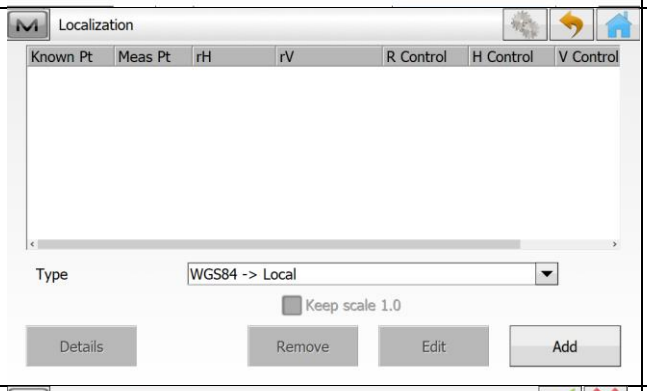
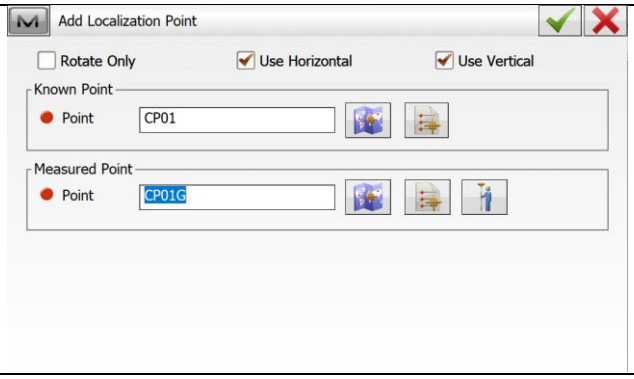
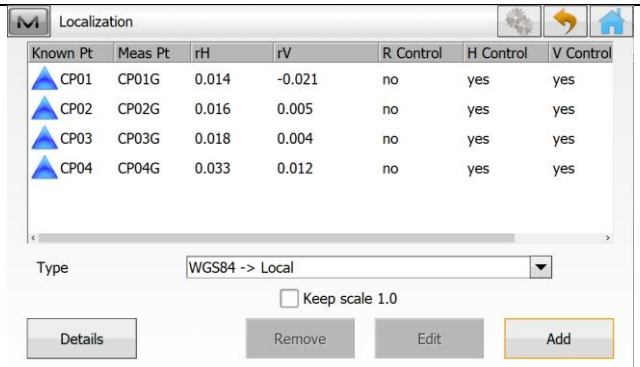
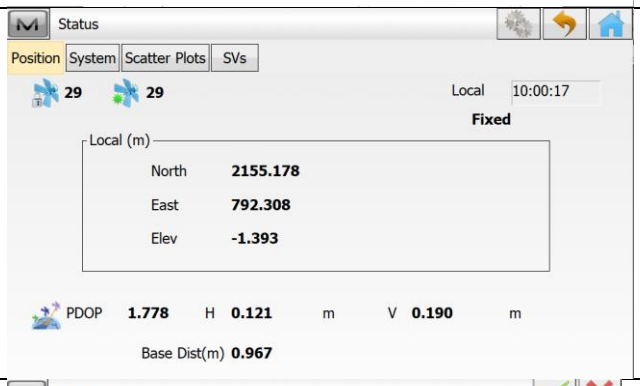
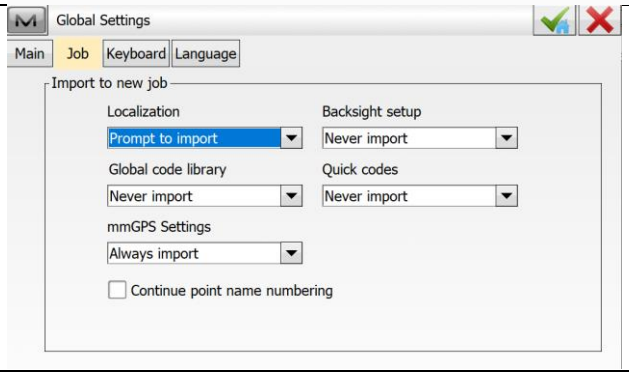
Topcon Magnet: GNSS Localization in MAGNET Field

1		**Localization** is the process of creating a local coordinate system for recording GNSS information. Before starting you will need a minimum of 4 Control Points on the target coordinate system stored in the job, the job projection & geoid model should be set to **None** and the Datum should be **WGS84**. When this is done select **Setup**
2		Press **Localization**
3		Under **Type** select the type of localization you would like to do. Usually this will be **WGS84 -> Local**. Click **Add**
4		In **Known Point** select the target control point. In **Measured Point** enter a point name for your GPS point and press the record button. You will then be taken to the normal **Topo** screen to record your point

5		Repeat the process for all your control points. After you have measured the 4th you will start to see residual errors. If you press **Details** you can get more information about the transformation.
6		Back in the main menu, if you now press **Setup** then **Status**, your current position should now be showing on your local grid. Another good check is to stake out one of your control points
7		If you will be using the localization in multiple jobs, go to **Configure** then **Global** and select the **Job** tab. Change the **Localization** option to **Prompt to Import**. Next time you create a job you will be asked If you want to use the localization.