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MicroSurvey FieldGenius

How To Cheat Sheet: Getting Started

1 Point Localization

Learn how to perform a 1-point localization to transform and adjust your coordinates using a rover receiver.

Based on: *MicroSurvey FieldGenius How To: 1 Point Localizations*

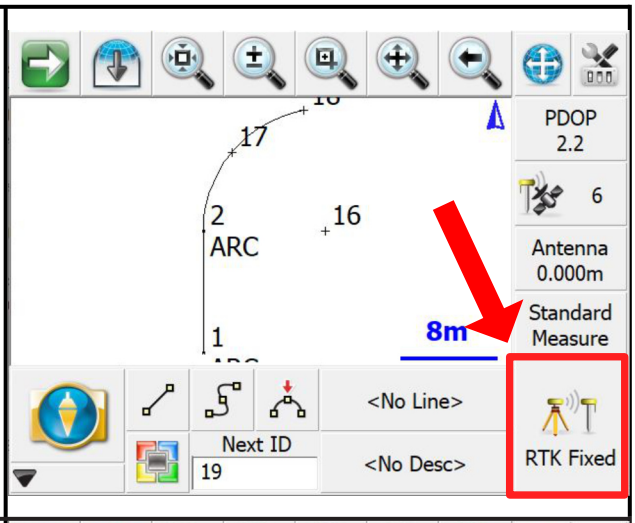
For Access to All of Our Cheat Sheets

Rover Localization

Before Starting

Before you begin, you will need a rover receiver with a **Fixed** solution. It does not matter if you are receiving corrections from a network, or a UHF base. You will also need a known point with coordinates associated to it.

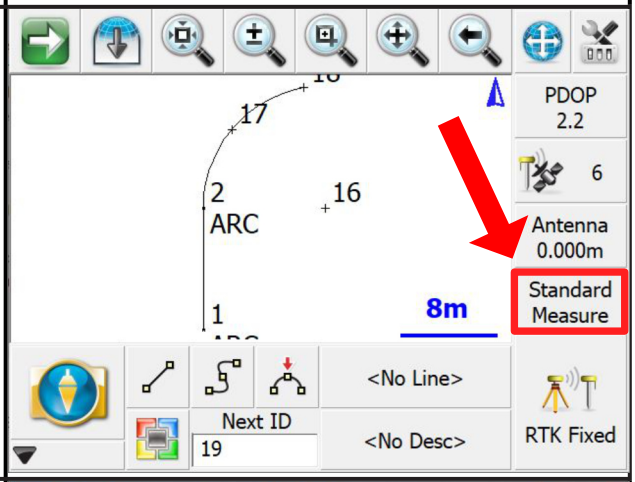
To learn how to properly set a base and rover or network rover, please refer to the respective cheat sheets.



1. Measure Mode

By default, FieldGenius will have the standard measure mode selected. In order to perform the localization this measure mode will need to be changed.

Select Standard Measure

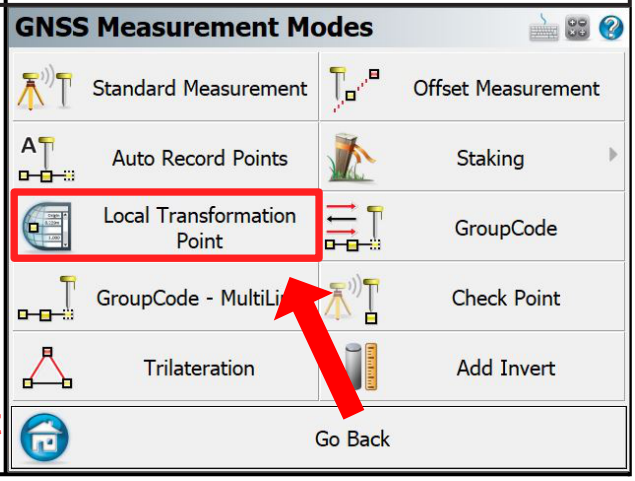


2. GNSS Measurement Modes

From the **Measurement Modes** menu, you can select a variety of different options. To perform a **Localization**, select **Local Transformation Point**.

*To learn what other **Measurement Modes** can do for you, please refer to the other cheat sheets and videos.*

Select Local Transformation Point



Rover Localization

3. Occupy the Point

4. Record Your Position

Select RTK Fixed

5. Continue On

Select Continue

Rover Localization

6. Saving the Position

[illegible]

Select Yes

7. Save the Point

[illegible]

Select Save Point

8. Control Calculation

[illegible]

Rover Localization

9. Local Control

Choose Selecting Existing

10. Choose the Control Point

Choose Select

11. GNSS Control

Select Ok

Rover Localization

3. Transformation Control

You can now add more points to your **Transformation Control** menu. To add more control points, select **Add Control**. To edit an existing control point, select the point and then select **Edit Control**. To delete a control point, select the point and select **Delete Control**.

Select OK

4. Finishing Up

It is recommended before proceeding with your survey to check another known point and ensure that the localization has been properly applied.

To learn how to do anything else in FieldSense, please consult our other videos and cheat sheets.