



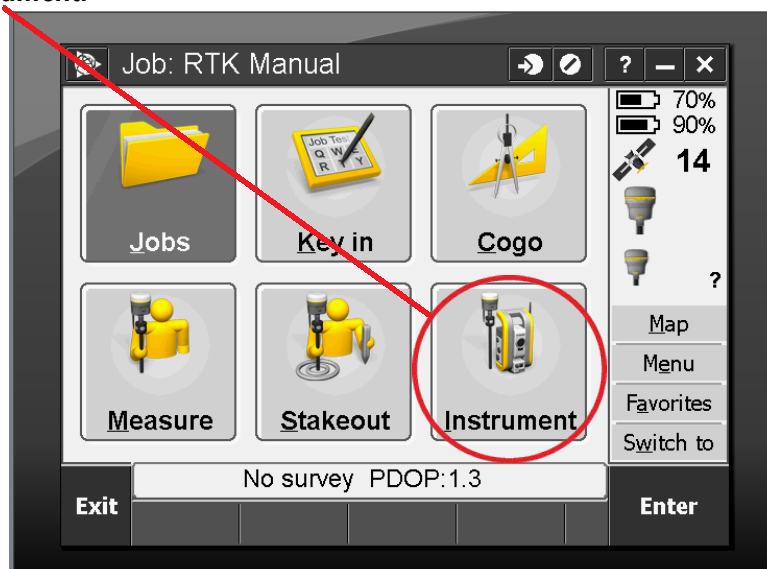
PLI Support Guide: How to Start an RTK Survey - R10

Summary: This guide will show you how to start an RTK Survey with two R10 Receivers.

1. Click on the “General Survey” icon in Trimble Access.



2. Click on “Instrument.”



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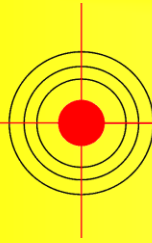
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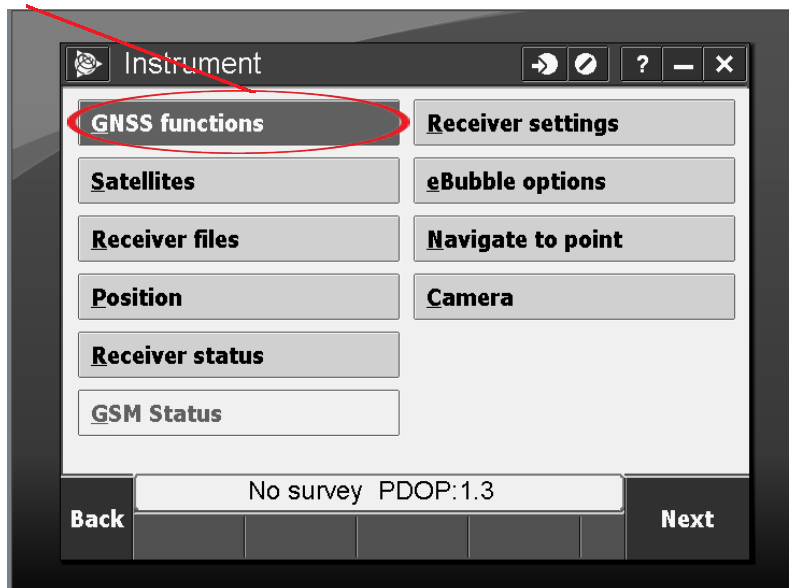
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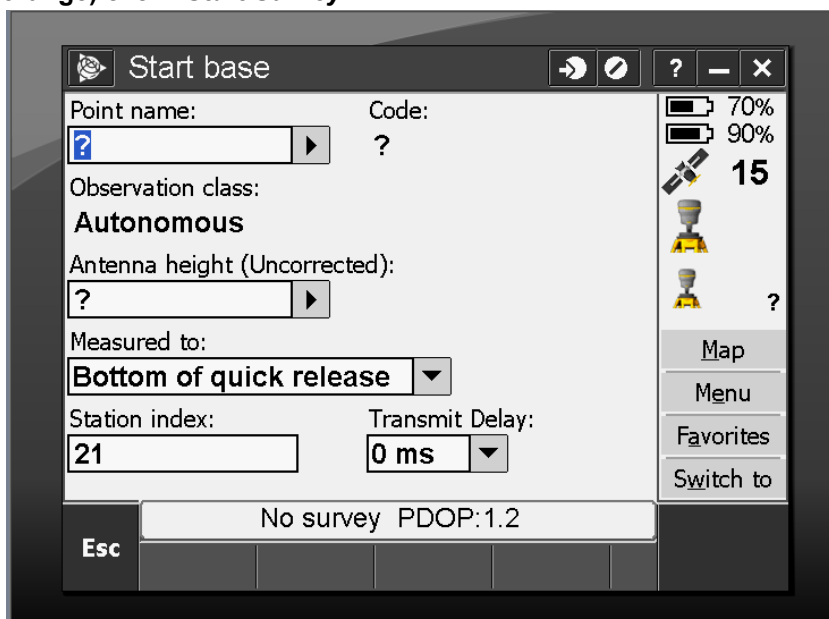
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3. Click on “GNSS functions.”



4. To properly set your base up, you want to position it over a known point that was shot with your VRS Survey Style. With your GNSS function in Base Mode (when base mode is highlighted orange) click “Start Survey.”



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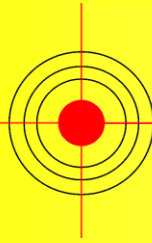
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5. For Point name, click the arrow off to the right of the text box and click "List." A list of the available points will show up. Make sure your Antenna height is set and click "Start."

6. Click on the point that you want to use as your "Occupy Point."

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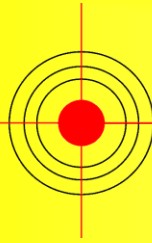
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7. Make sure your "Antenna height" is set and click "Start."

Start base

Point name: 306 Code: Control Point

Observation class: Autonomous

Antenna height (Uncorrected): 6.562sft

Measured to: Bottom of quick release

Station index: 21 Transmit Delay: 0 ms

Esc No survey PDOP:1.2 Start

Base started

Base started

OK

Base survey PDOP:1.2

Esc Enter

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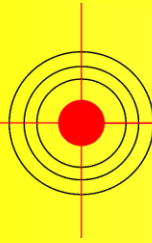
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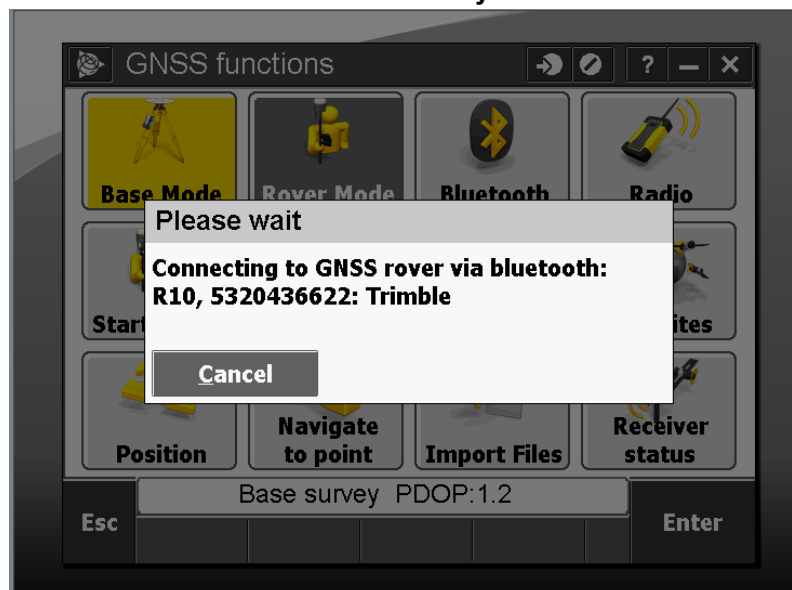
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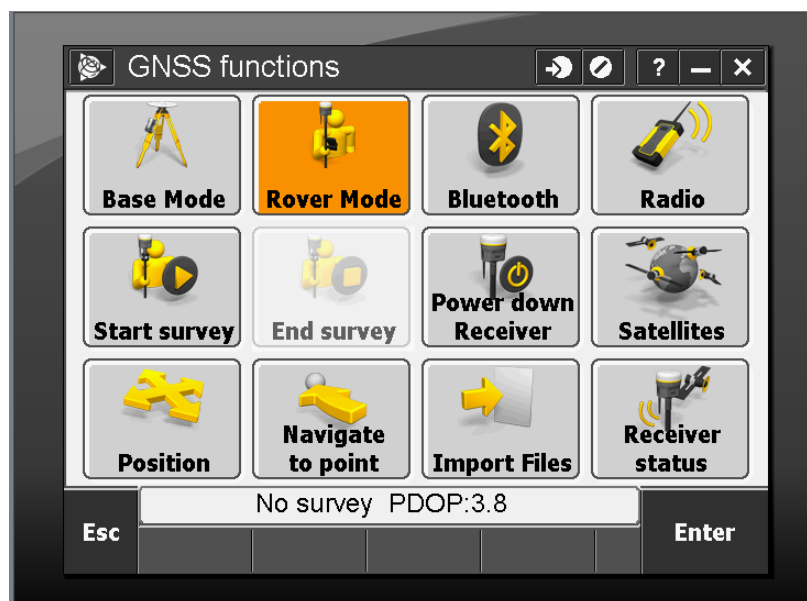
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8. Now click on “Rover Mode.” It will then connect to your R10 Rover Receiver.



9. You will know Rover Mode is selected if after you click on it the “Rover Mode” button is highlighted orange.



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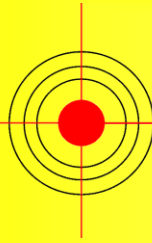
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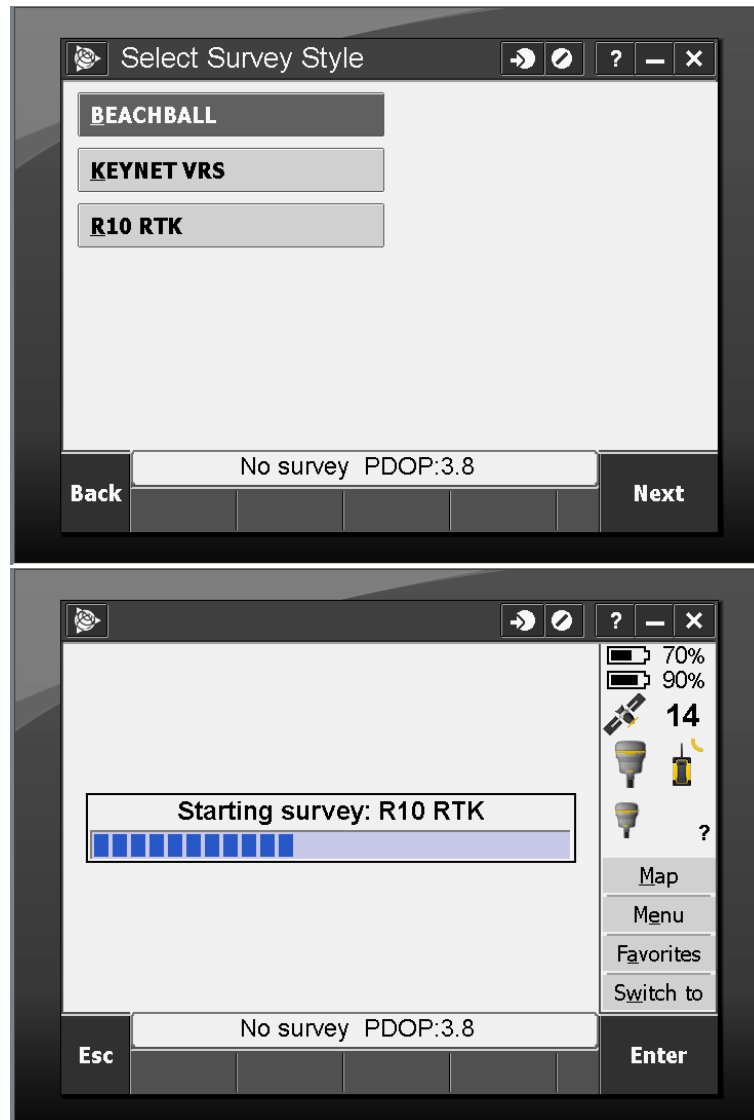
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10. Click “Start Survey.” You will see a list of available Survey Styles. Choose your RTK Survey Style.



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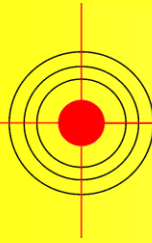
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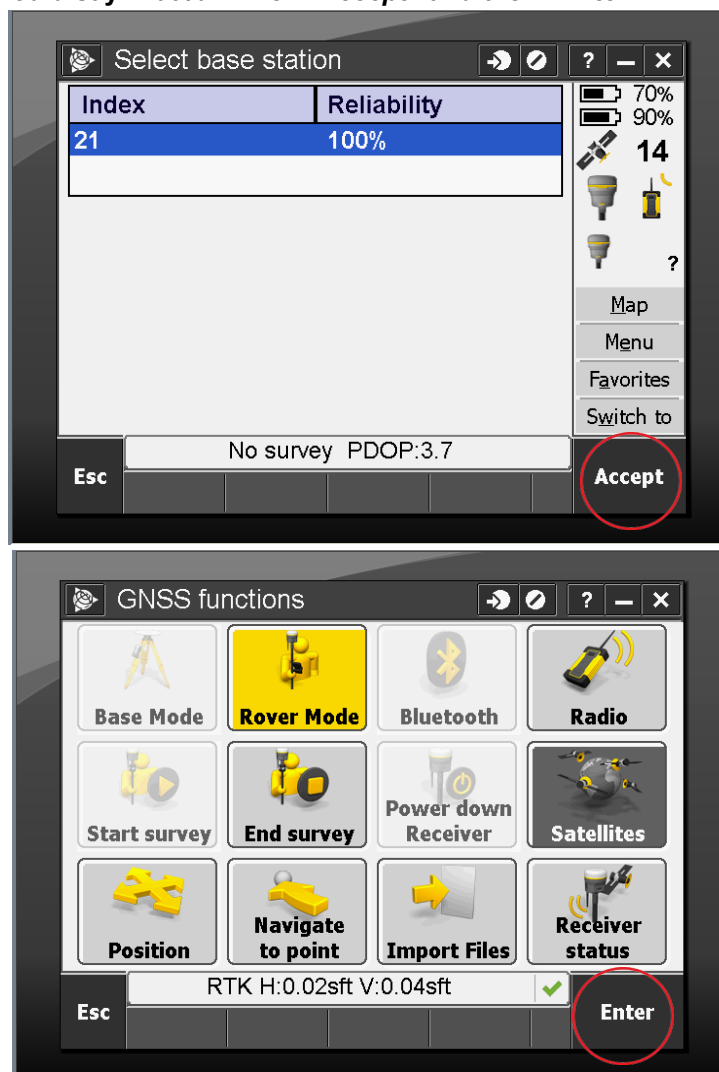
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11. After your Survey has started, you will see your reliability percentage, this is the communication rating from Radio to Receiver as to how many packets are being received. This should say "100%." Click "Accept" and then "Enter."



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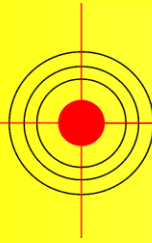
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12. You are now back to the main “General Survey” screen. You're all set!



Now you can hit the Trimble Shortcut Key on your Keypad and go back into Access and enter Utility Survey.

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