

## Site Localization Using Topcon V15 Pocket 3D

1. Make sure your Base & Rover are set.



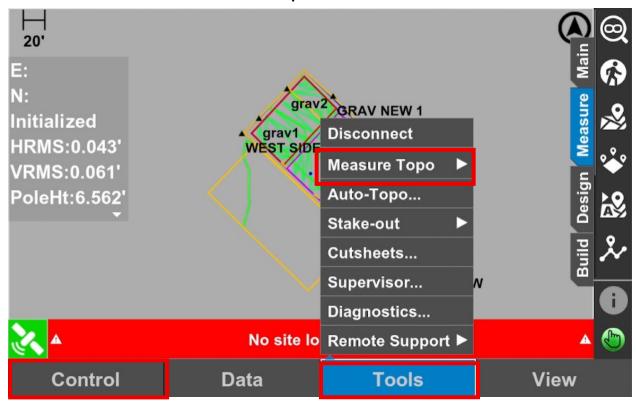
2. Walk towards the First control point. Make sure that the Divot is in the point marker.



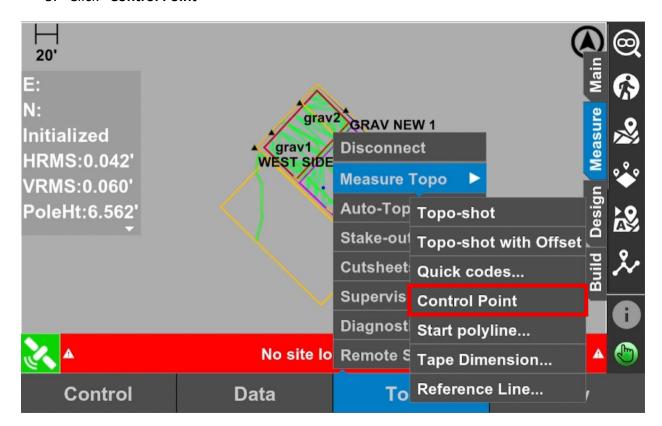
3. Center the Bubble of the rod.



4. Click "Tools" then click "Measure Topo"

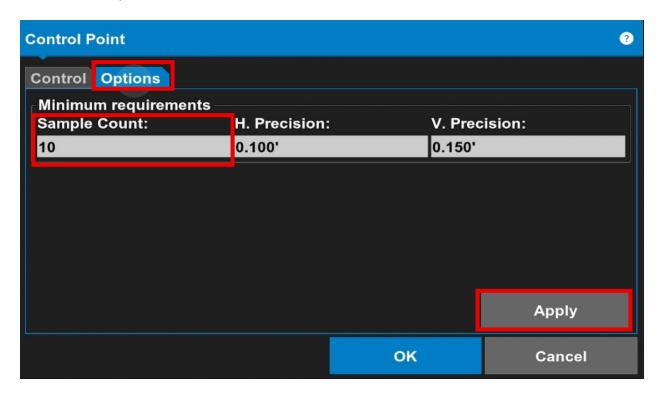


## 5. Click "Control Point"

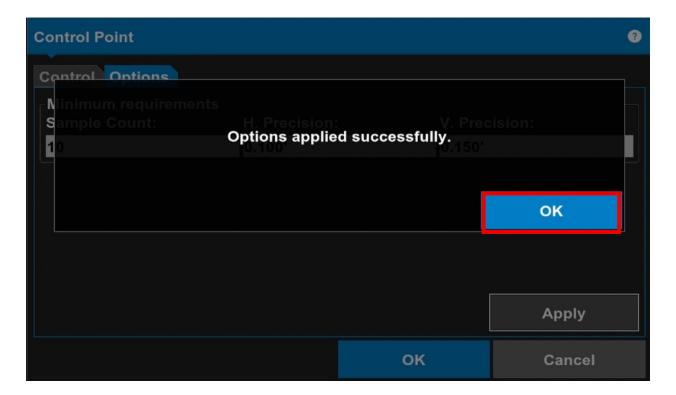


6. Click "Options" and set the Sample Count to a minimum of "60" then click "Apply".

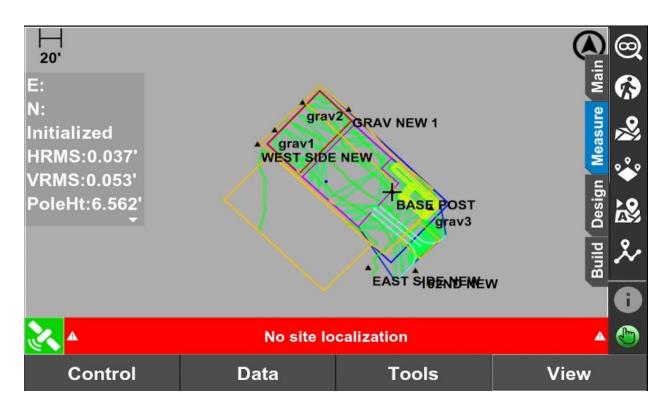
(Note: Longer count means more accurate. Set it however you like, but minimum is 60 seconds)



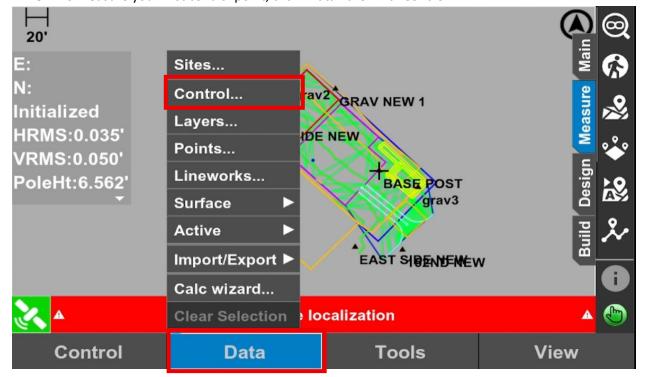
7. Click "OK"



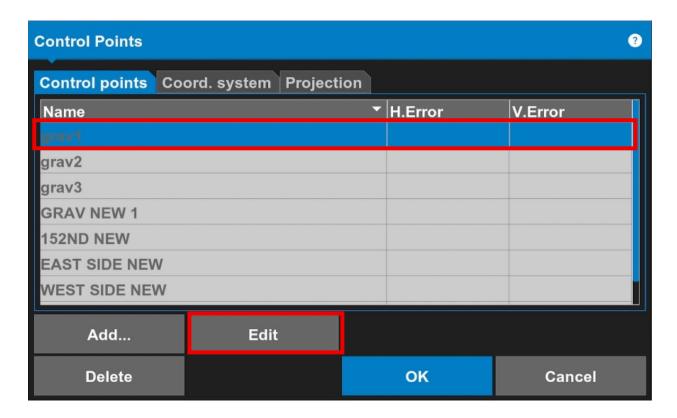
8. Now your measuring time is set to a minimum of 60, depending on your preference. (Note: Always make sure that you have a minimum of 4 Control points per project)



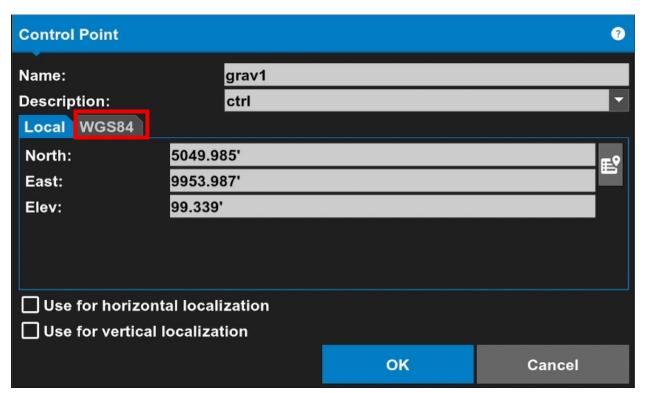
9. To measure your first control point, click "Data" then hit "Control"



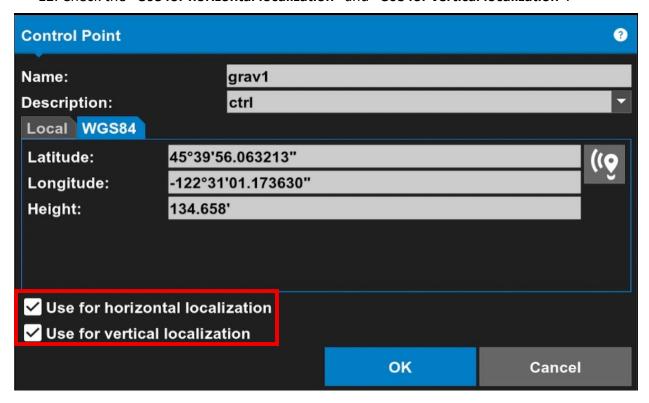
10. Highlight the first control point where your Rod is located then tap "Edit".



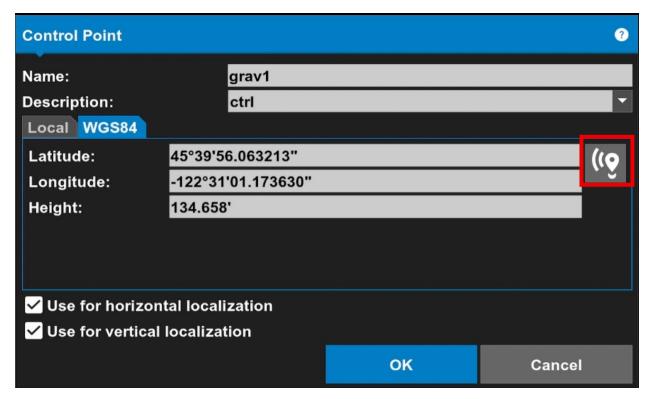
## 11. Click "WGS84".



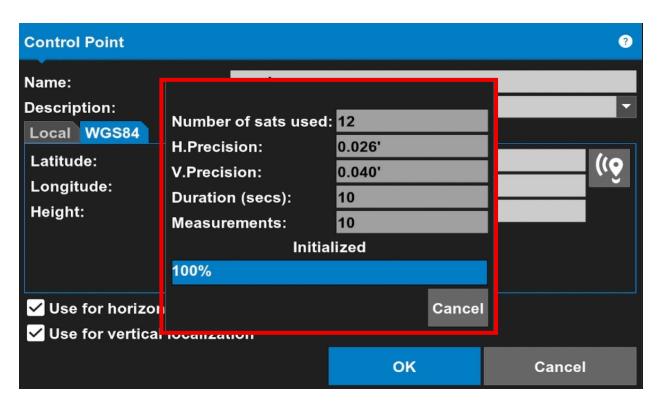
12. Check the "Use for horizontal localization" and "Use for vertical localization".



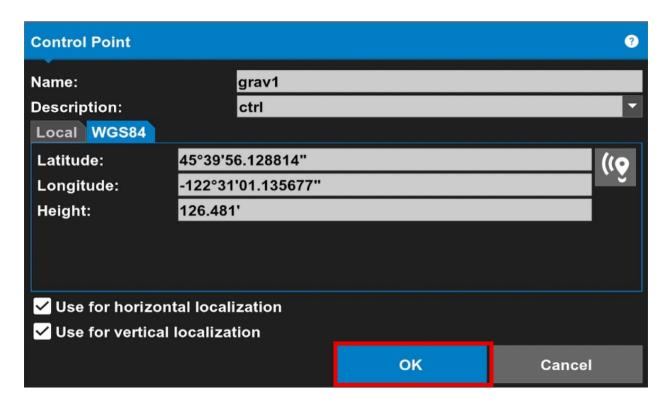
**13.** Tap the "Location icon" beside the latitude and longitude values to start measuring in the control point.



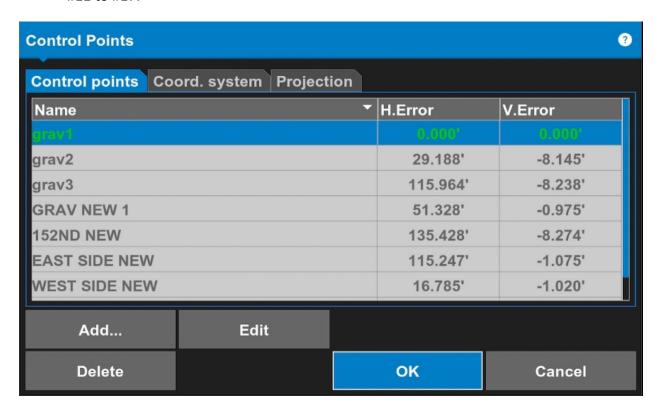
14. Wait for the loading screen to finish. (Important: Make sure your Rod stays still during this process. Otherwise, you will need to measure it again)



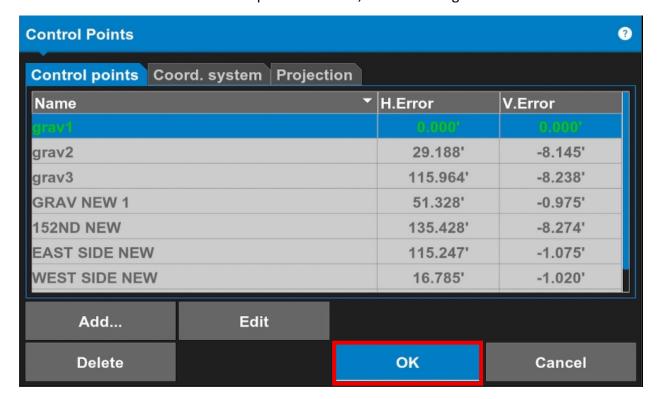
## 15. Click "OK"



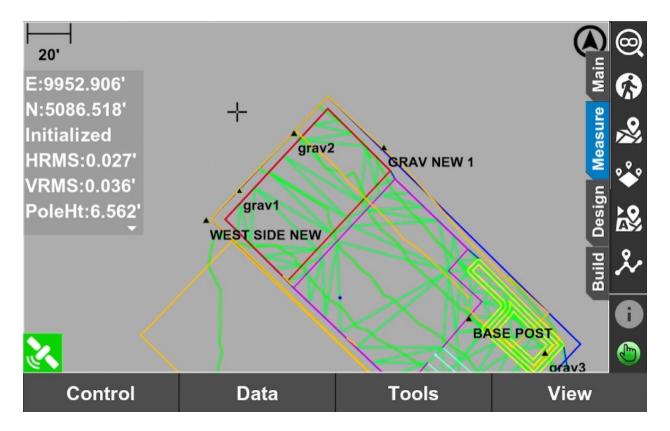
16. Control point is measured successfully. To measure other control points, repeat steps #11 to #17.



17. If do not know which control point to choose, click "OK" to go back to the main screen.



18. You can zoom in and take a look at which control point to do localization next then repeat steps #10 to #17. (Note: Each control point measured makes your site measurements more accurate each time. Also, make sure the tolerance values are minimal, if it is more than a foot long, you might need to repeat measuring all your control points.)



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