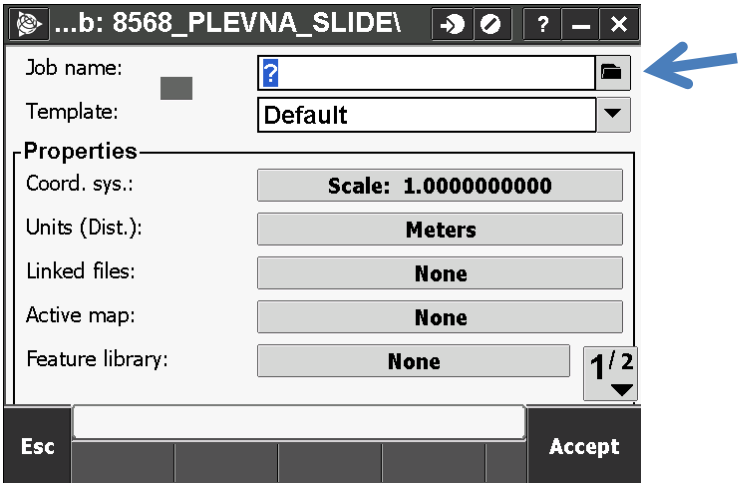
Trimble Access Base Course

1. From the Main Screen, select General Survey

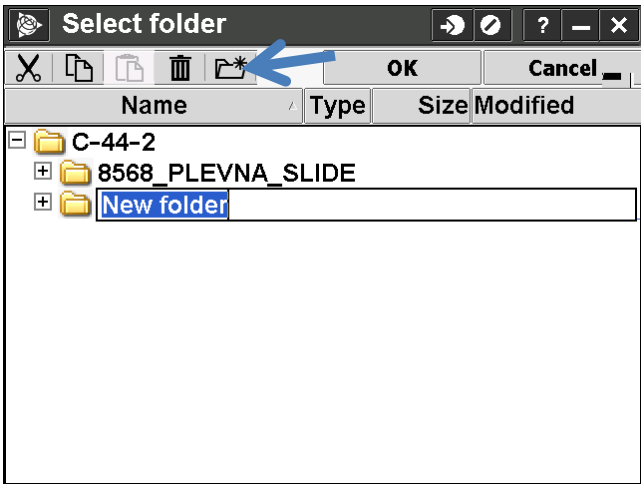
2. Select Jobs

3. Select New Job

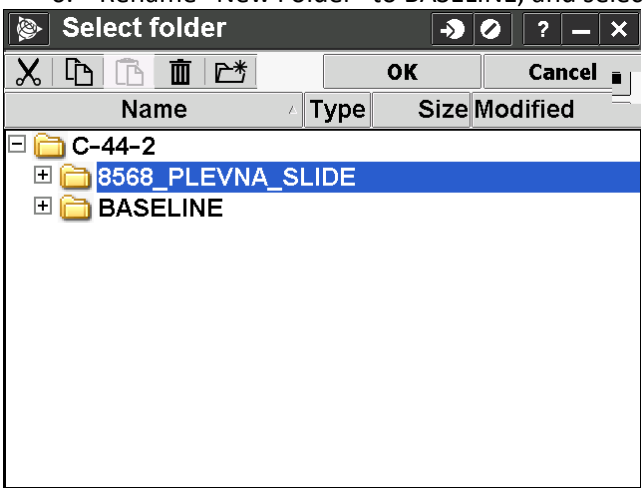
4. Select the Folder Icon



5. Select the New Folder Icon



6. Rename “New Folder” to BASELINE, and select OK



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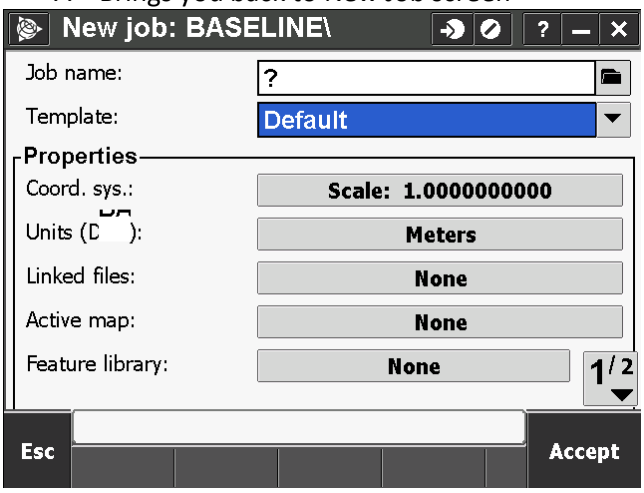
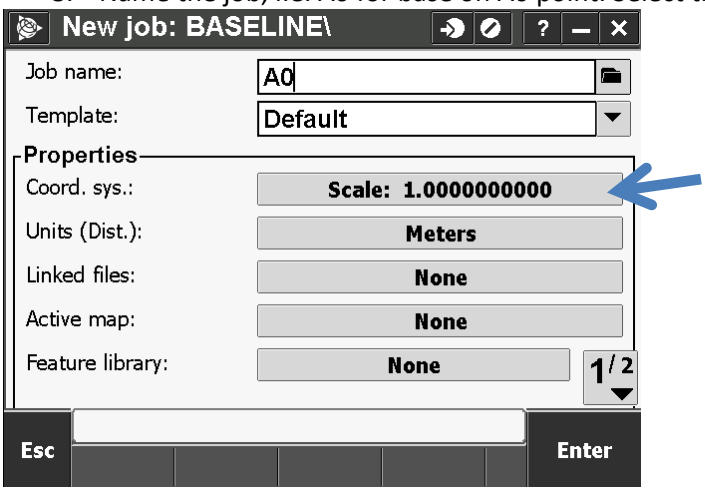
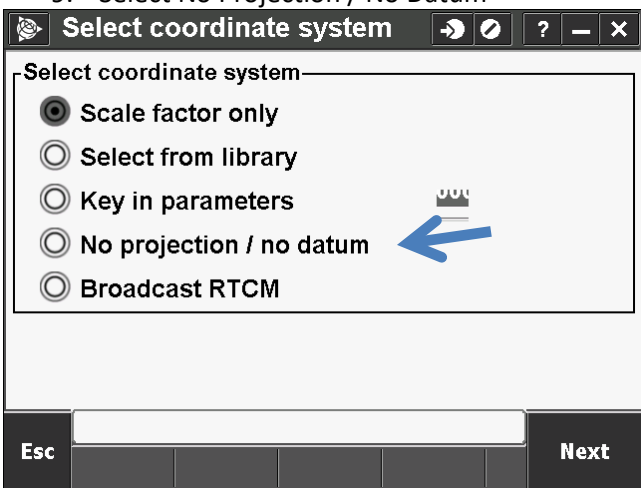
7. Brings you back to New Job screen



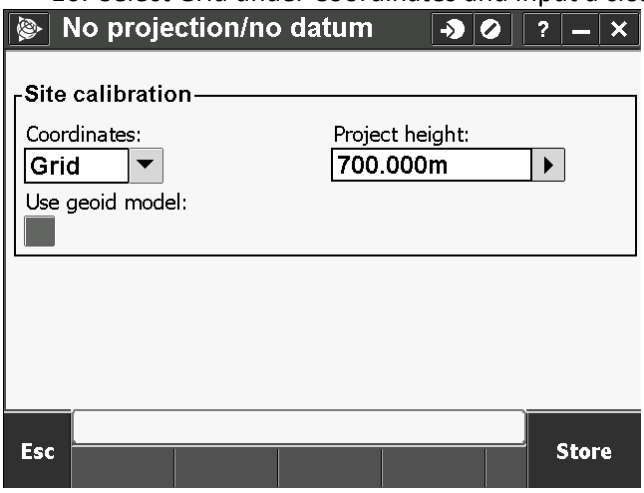
8. Name the job, i.e. A0 for base on A0 point. Select the Coordinate System



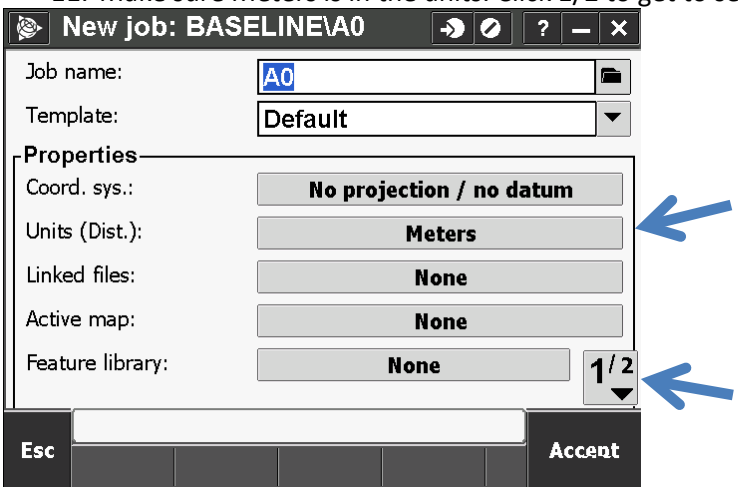
9. Select No Projection / No Datum



10. Select Grid under Coordinates and input a close estimated Project Height. Click Enter. Click Store



11. Make sure Meters is in the units. Click 1/2 to get to second page



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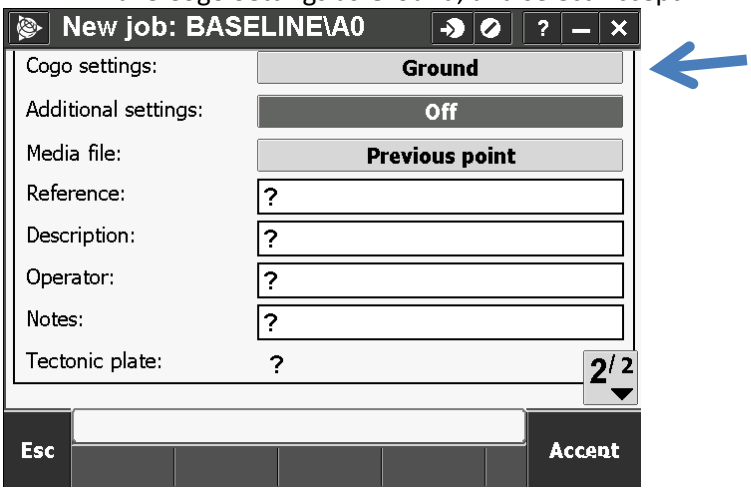
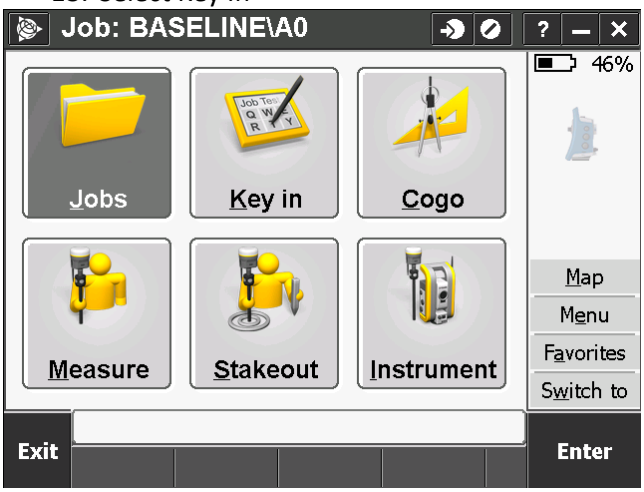
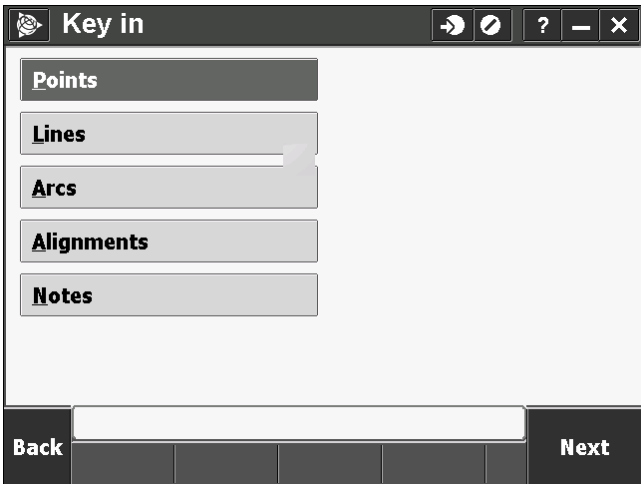
12. Have Cogo Settings as Ground, and select Accept



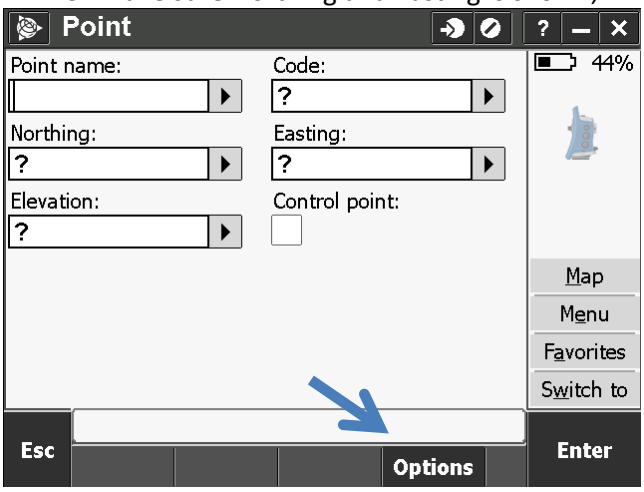
13. Select Key In



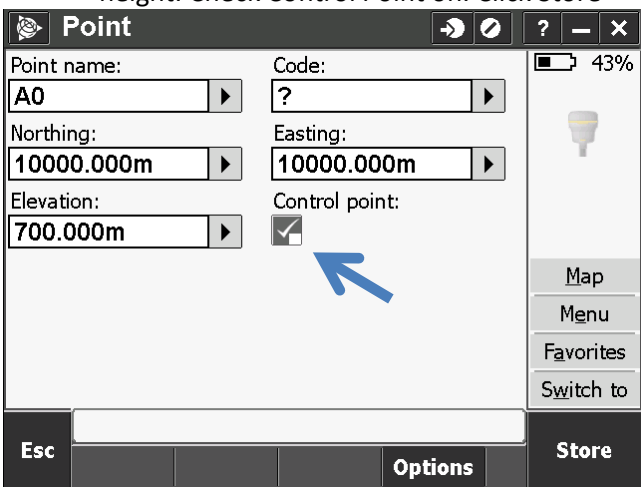
14. Select Points



15. Make sure Northing and Easting is shown, if not, click Options, and select Grid and Accept



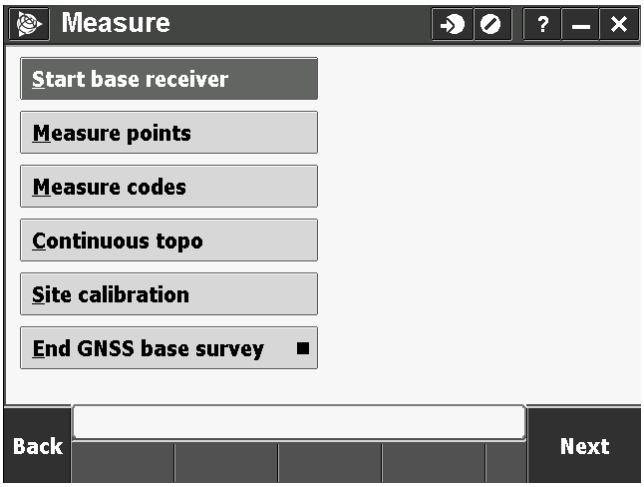
16. Enter Point Name, Assumed Northing, Assumed Easting, and Assumed Elevation close to project height. Check Control Point on. Click Store



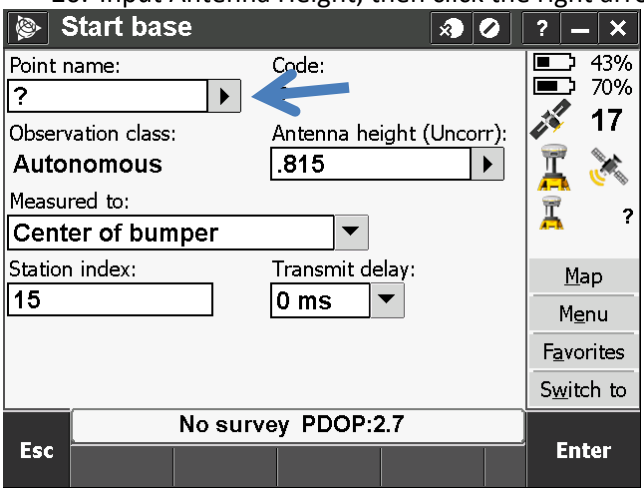
17. Click ESC

18. Return to main menu and select Measure

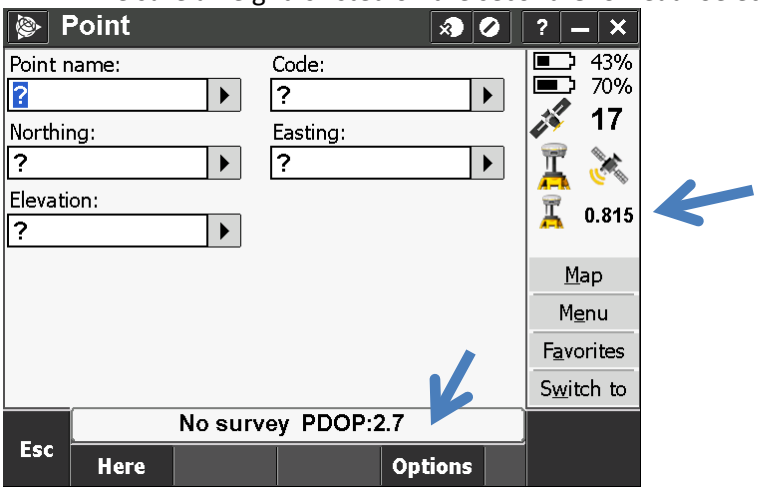
19. Select Start Base Receiver



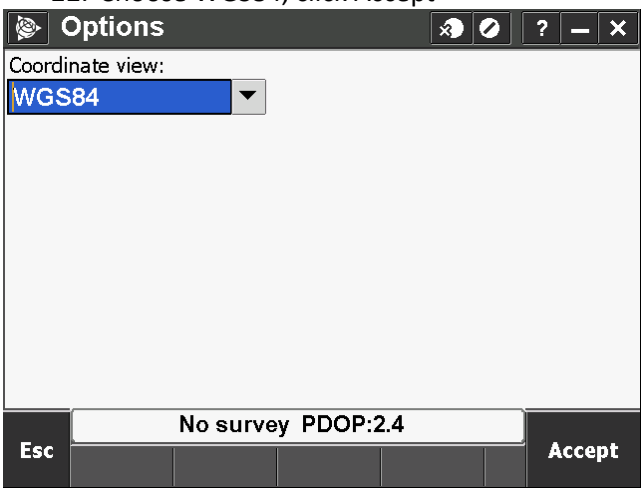
20. Input Antenna Height, then click the right arrow next to Point Name. Select Key In



21. Be sure a height is listed on the second GPS Head. Select Options



22. Choose WGS84, click Accept



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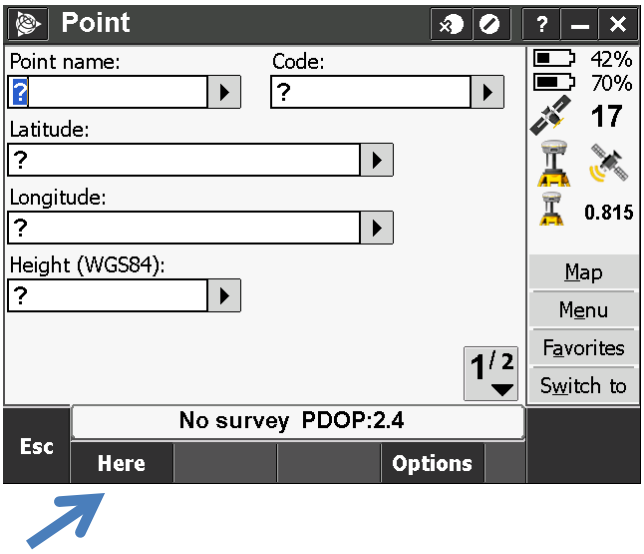
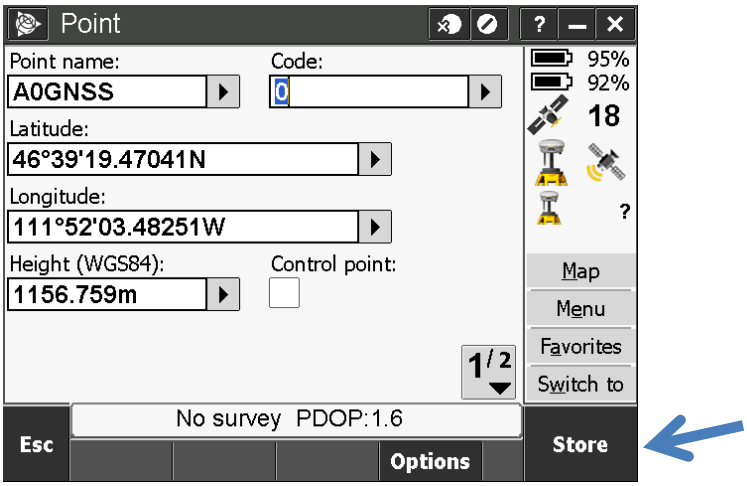
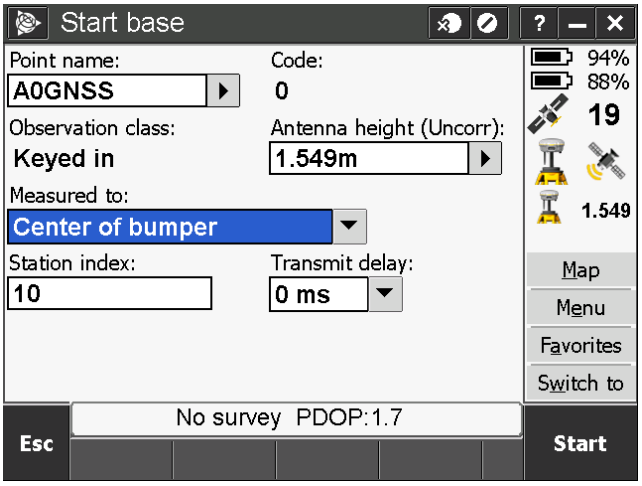
23. Enter Point Name (use same point name i.e. A0 with added GNSS extension to differ from assumed coordinate point). Wait for about a minute for heads to get good coordinates. Select Here a few times to make sure the coordinates don't change much, it may take a minute or two.

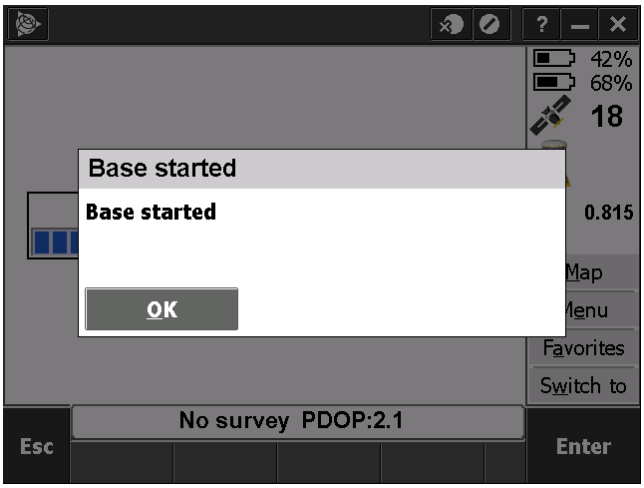




24. Click Store

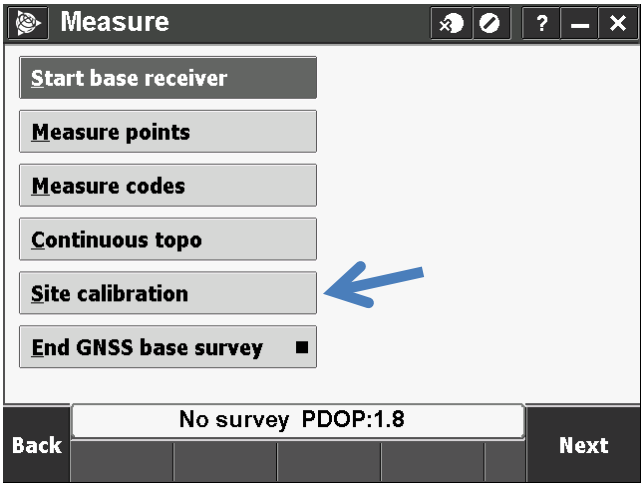


25. Click Start

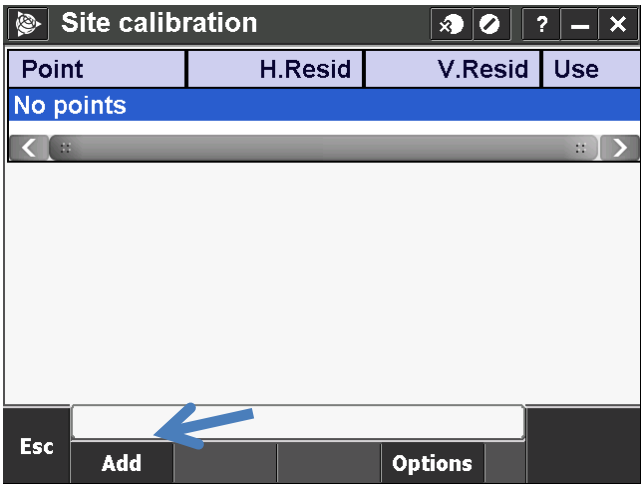


26. Choose Measure

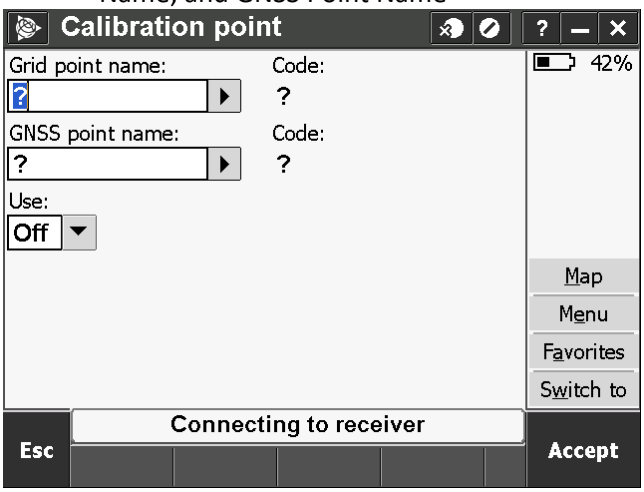
27. Choose Site Calibration



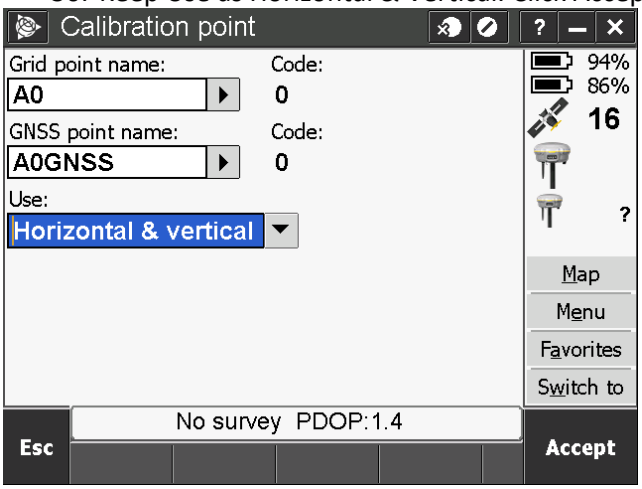
28. Click Add



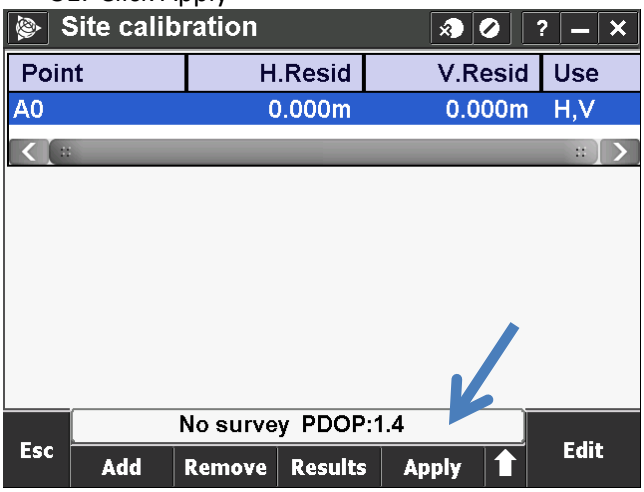
29. Enter point number i.e A0, or click the right arrow, and choose point from list in both Grid Point Name, and GNSS Point Name



30. Keep Use as Horizontal & Vertical. Click Accept

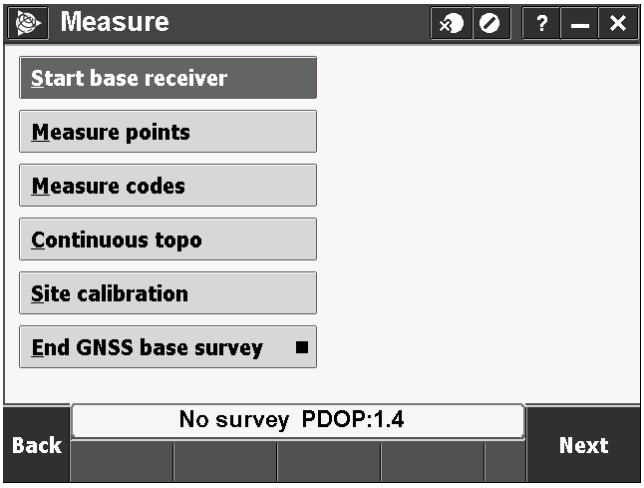


31. Click Apply

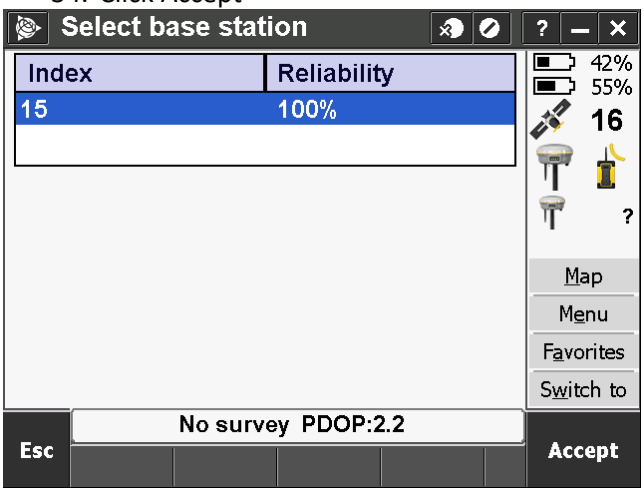


32. Choose Measure

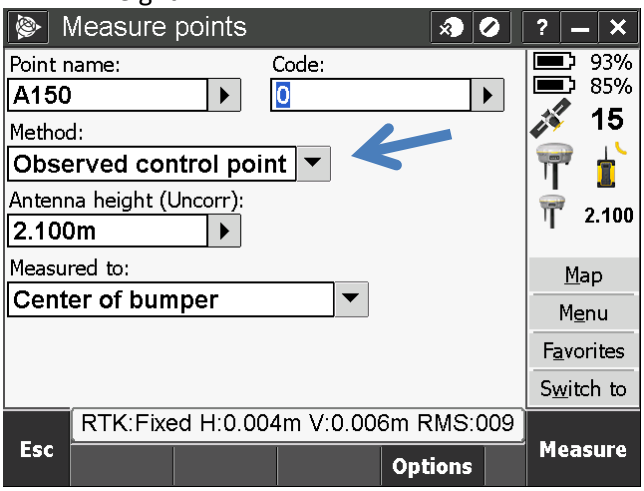
33. Choose Measure Points



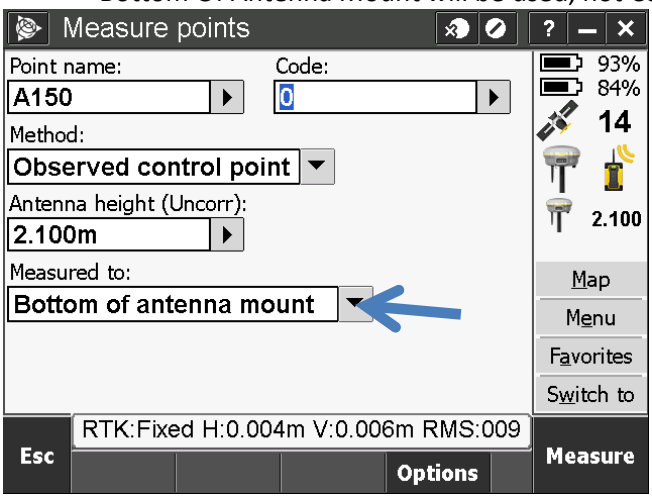
34. Click Accept



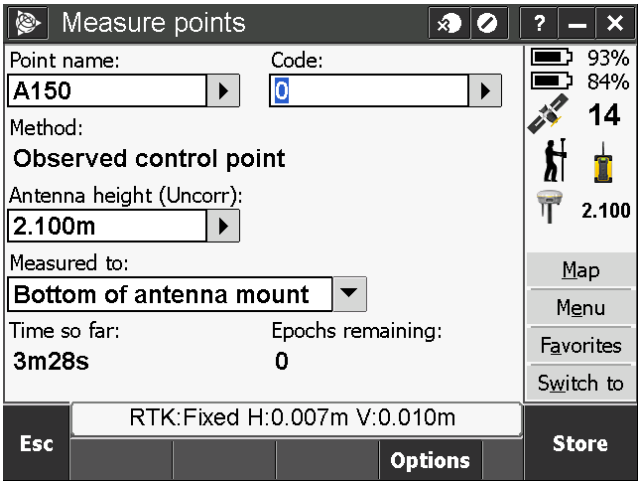
35. Enter Information and Point Name. Be sure Observed Control Point is selected. Input Antennae Height



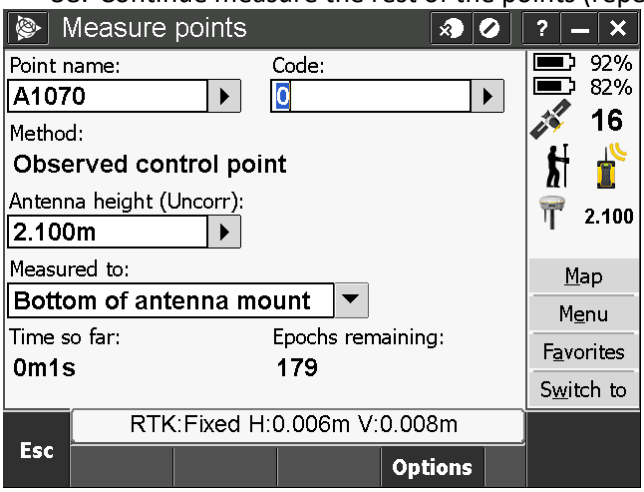
36. Click Measure. It will take 180 seconds before it will let you finish measuring. Note: Measure To Bottom Of Antenna Mount will be used, not Center Of Bumper.



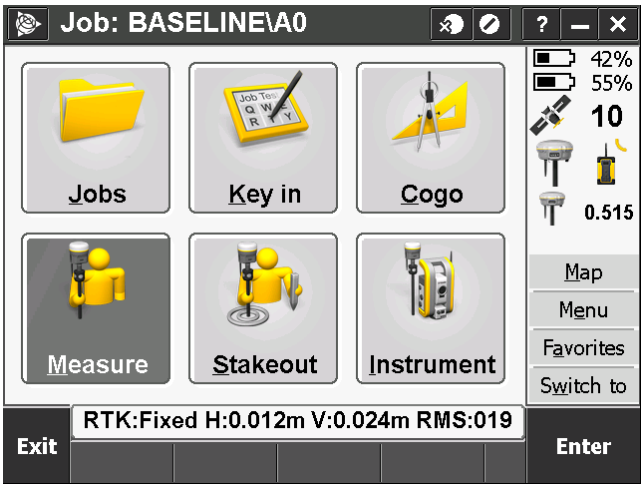
37. Click Store



38. Continue measure the rest of the points (repeat steps 41 – 43). When done, click ESC

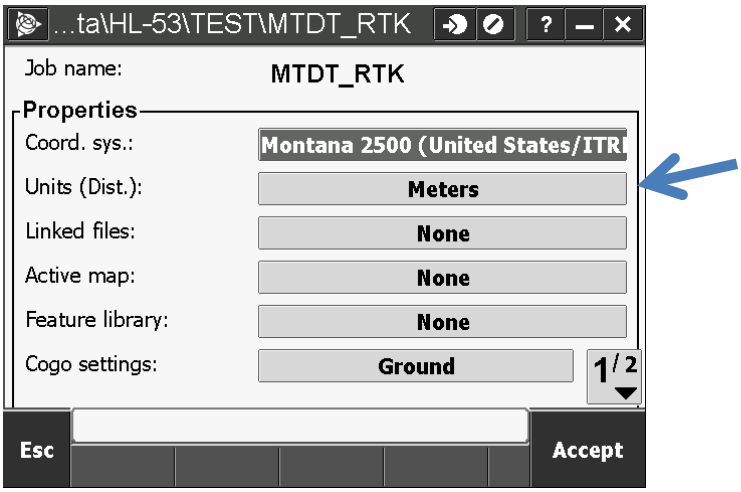


39. Select Jobs



40. Property of Job

41. Units



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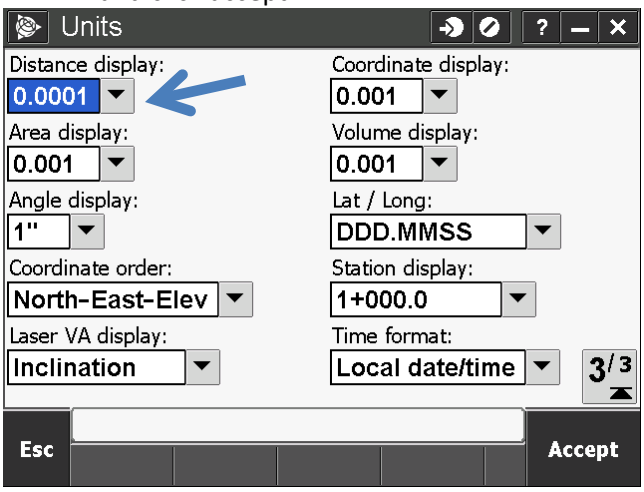
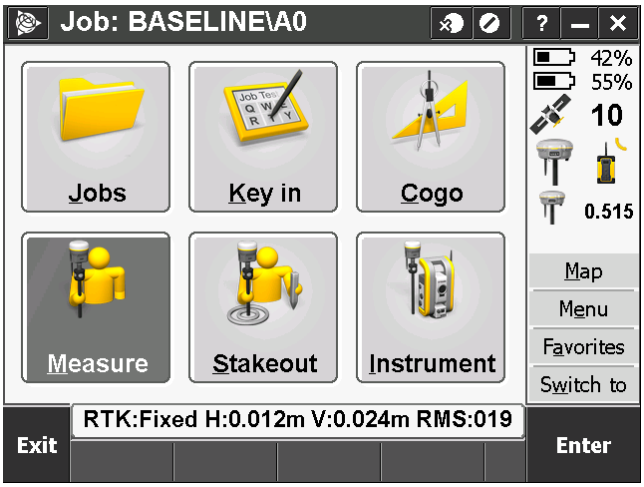
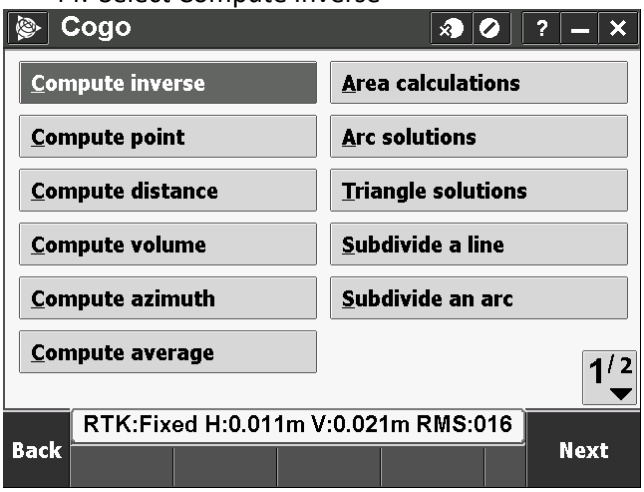
42. Scroll to the third page to change the Distance display to four decimal places in the drop down and click accept



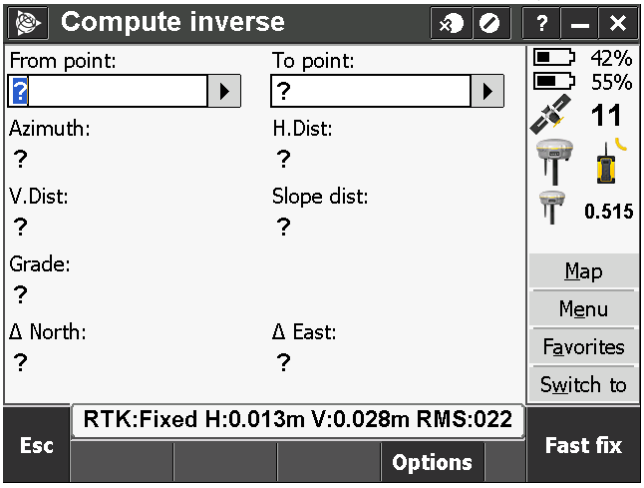
43. Select COGO



44. Select Compute Inverse



45. Enter Base Point or choose from List , and same with Observed Control Point



46. Inverse calculations figured. Repeat for rest of Observed Control Point. Click Esc when done.