

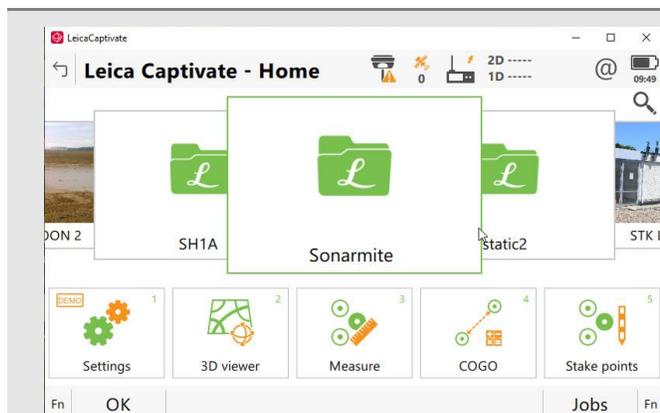
Leica Captivate SomarMite Configuration

SonarMite Echo Sounder Quick Guide

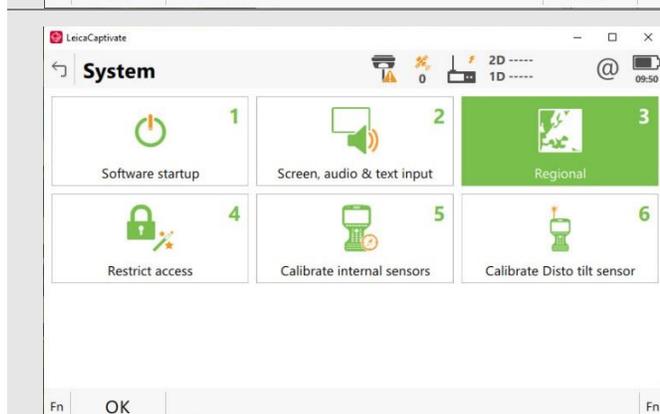
**Step by Step Guide to configure a SonarMite echo sounder
with a Leica GPS receiver and Captivate software**

**This Guide will walk you through the configuration to accept and record
depths from the SonarMite via the Bluetooth connection.**

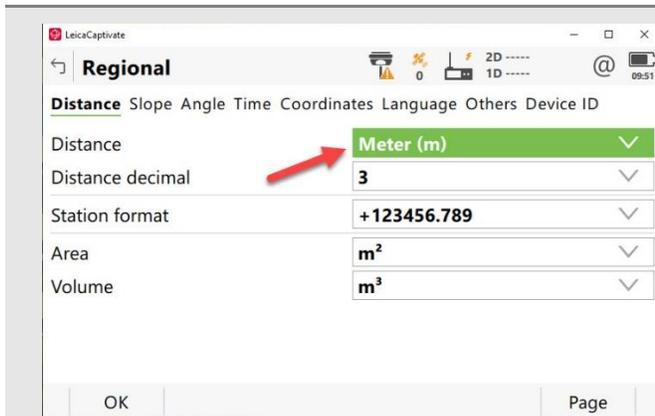
**When measuring a GPS position, the most recently received echo sounder
depth will be recorded as an Annotation to that point.**



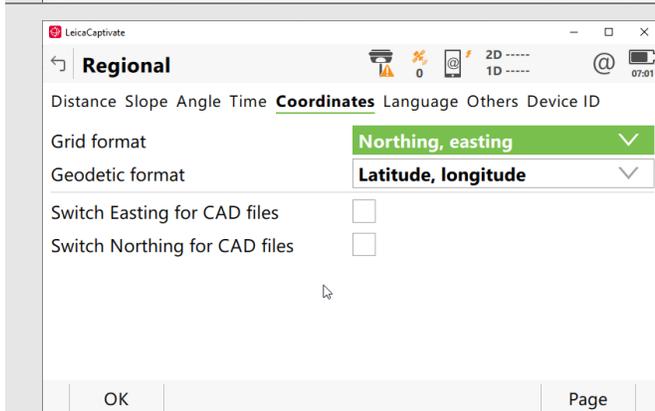
1. Navigate to main menu on CS20. Insert USB flash drive. Select and tap on the desired job from the top carousel.



2. Select Regional



3. Because the SonarMite units are in meters. Select Meter for distance units



4. Select the Coordinates tab and verify the Grid Format is Northing, Easting



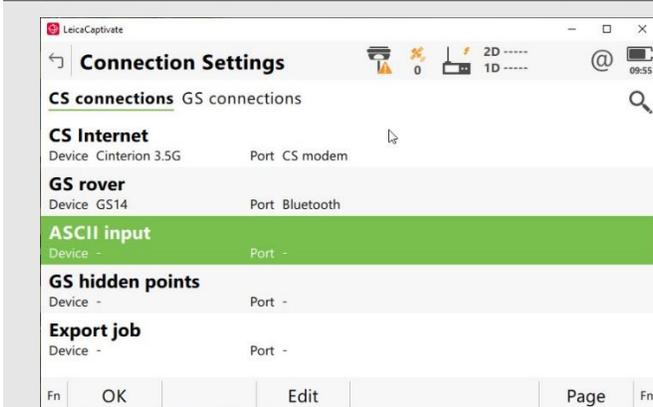
5. From the main menu Select Settings



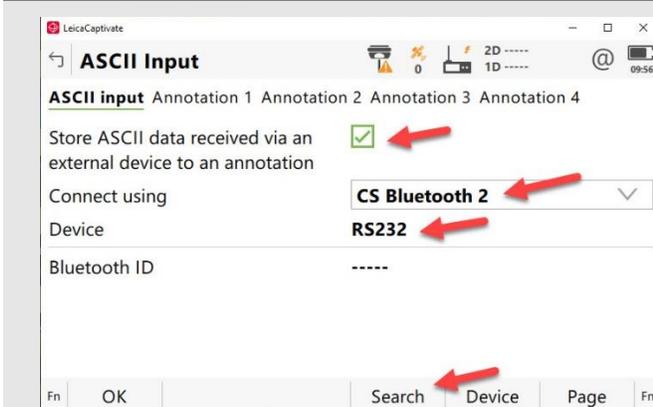
6. Select Connections



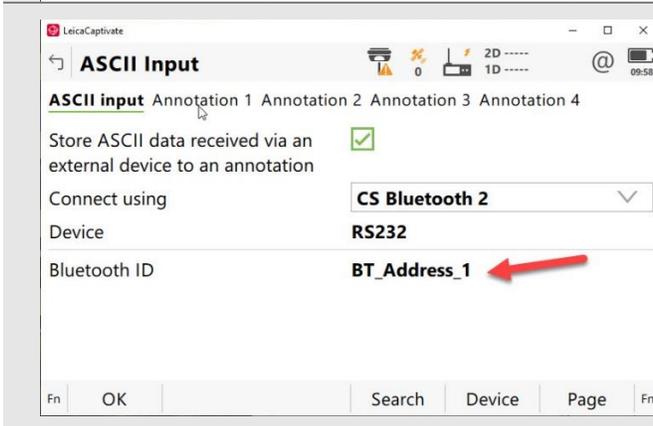
7. Select All other connections



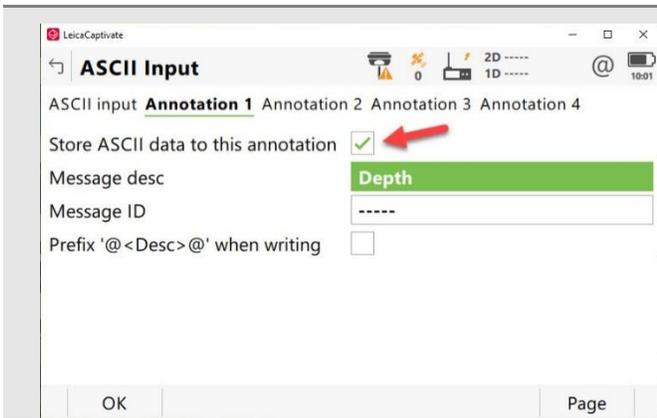
8. On the CS connections tab Select ASCII Input



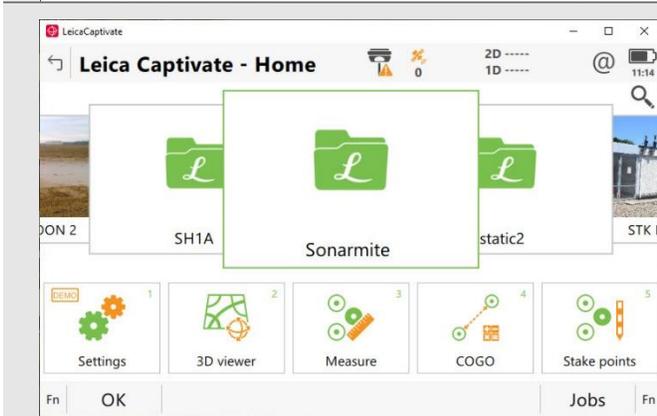
9. Make the appropriate selections and Connect using CS Bluetooth2 and Select Search



10. Select the Sonatmite device that is found and Select OK



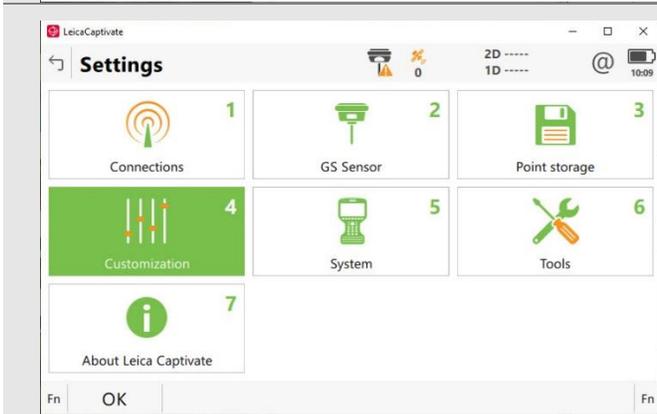
11. Select the Annotation 1 tab, Check the Store ASCII data check box Select OK



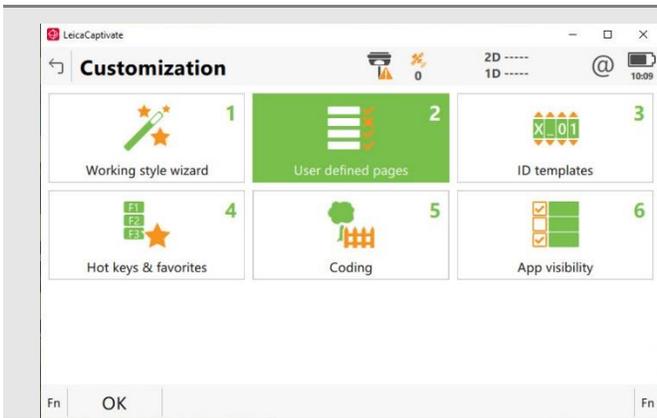
12. To configure the Survey Screen **IF you intend to press the measure button every time you want to measure a point.** Follow the steps below.. If you want to automatically store the points skip down to Configure Survey screen for Auto points



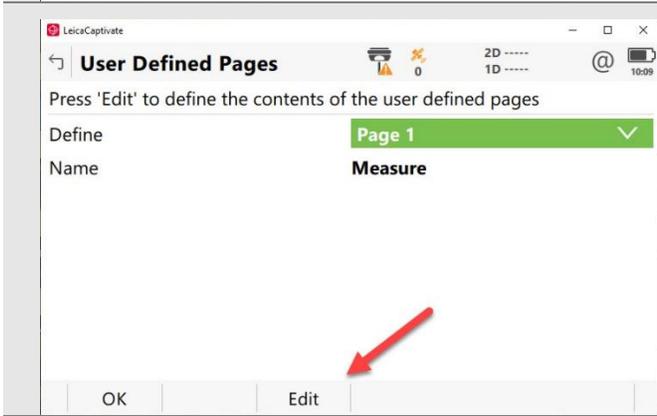
13. From the main menu Select Settings



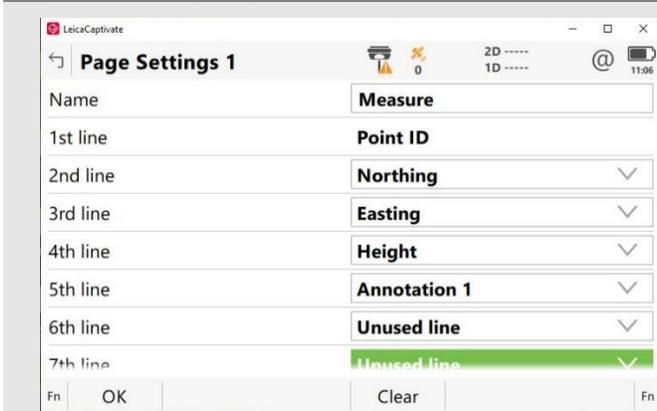
14. Select Customization



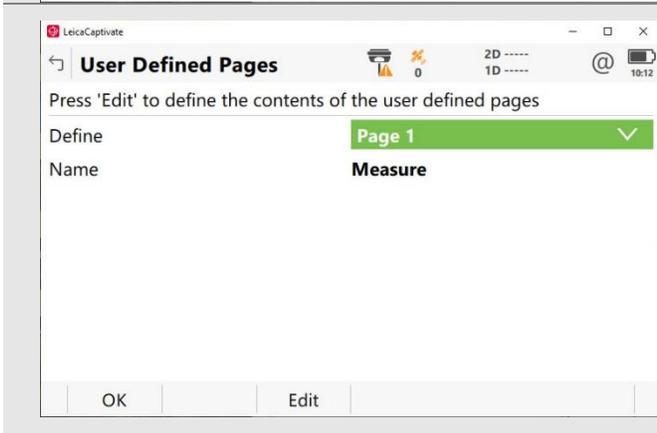
15. Select User Defined Pages



16. Define Page 1 and Select Edit



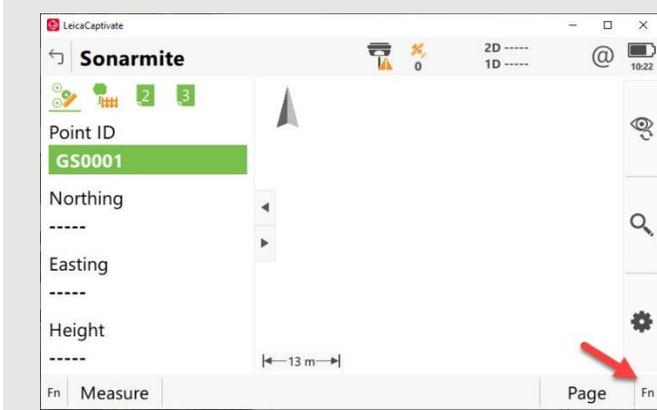
17. Configure the Page 1 settings Select OK



18. Page 1 Settings are now set Select OK



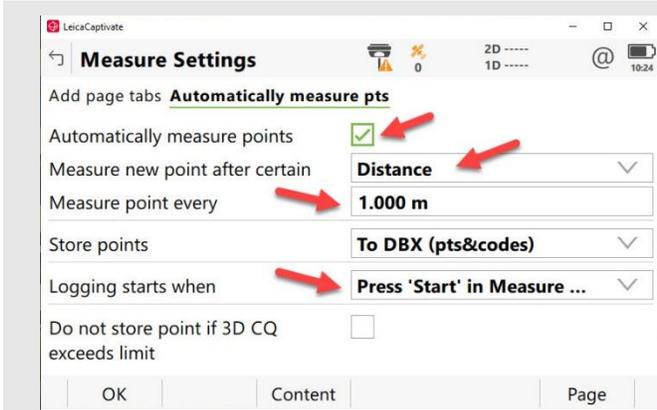
19. To Configure the Survey screen IF you intend to collect Auto Points



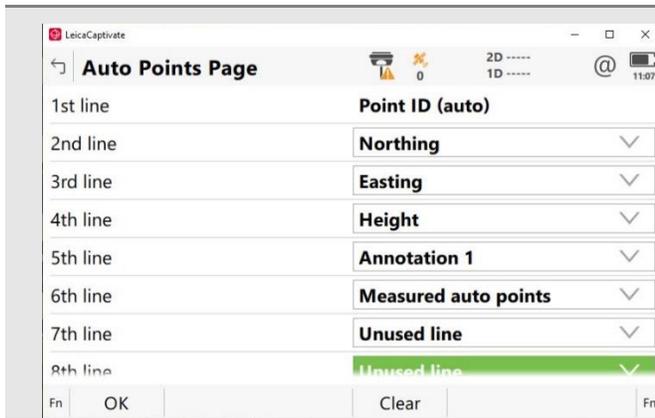
20. From the measure screen Select FN



21. Now Select Settings



22. Configure the Automatically measure points Tab to your desired parameters Select F3 Content



23. Configure Auto points page settings Select OK



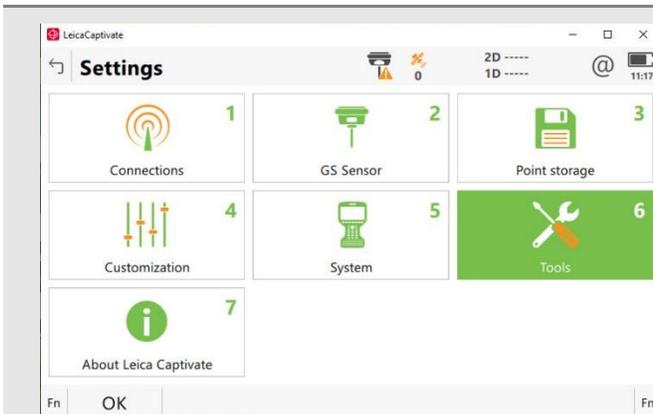
24. Note now on the measure screen you will see the Auto points ICON. When ready to start collecting points select Start



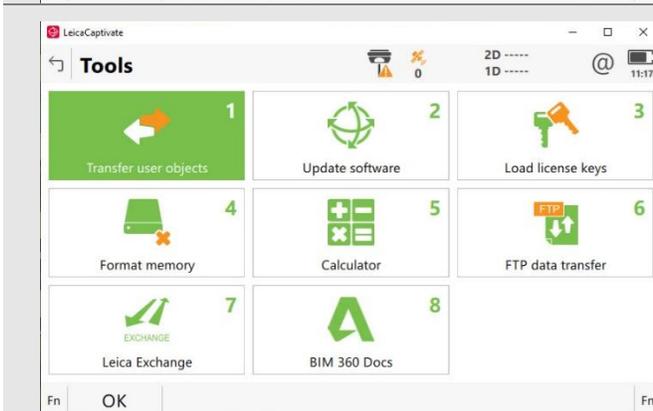
25. When exporting the ASCII data we will need a format file for the SonarMite data collected. Copy the SonarMite.frt file from your computer to the SD card and place in the convert folder. We will now need to transfer the file from the SD card to the internal memory.



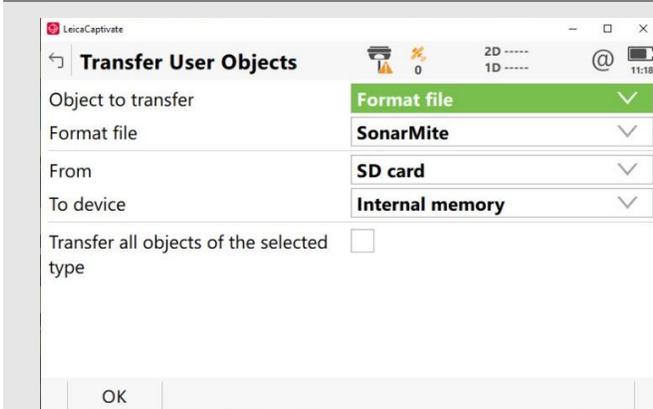
26. From the main menu Select Settings



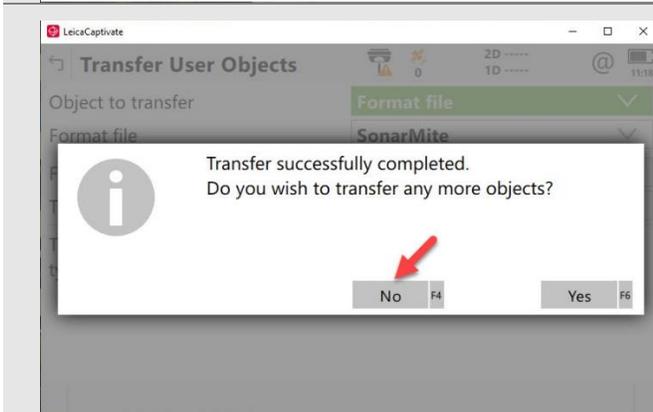
27. Select Tools



28. Select Transfer user objects



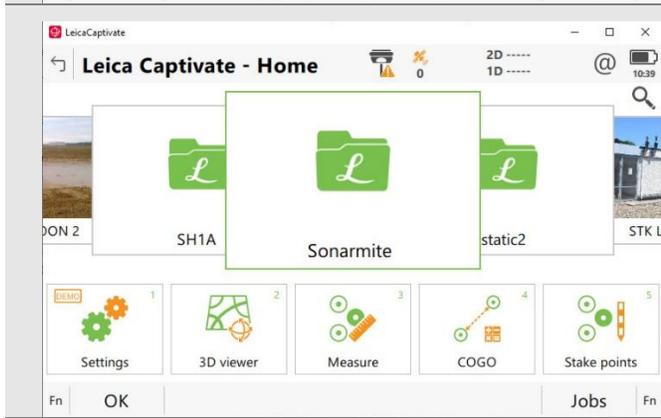
29. Select Format file from Objects to transfer Select the Sonarmite file from the SD card to the internal memory



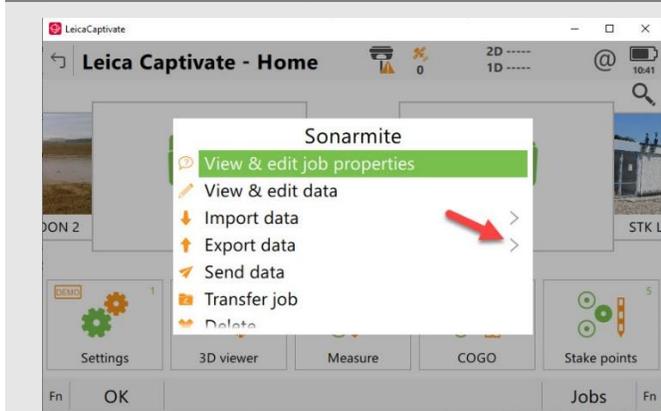
30. Transfer is successful and you are now finished transferring files Select No



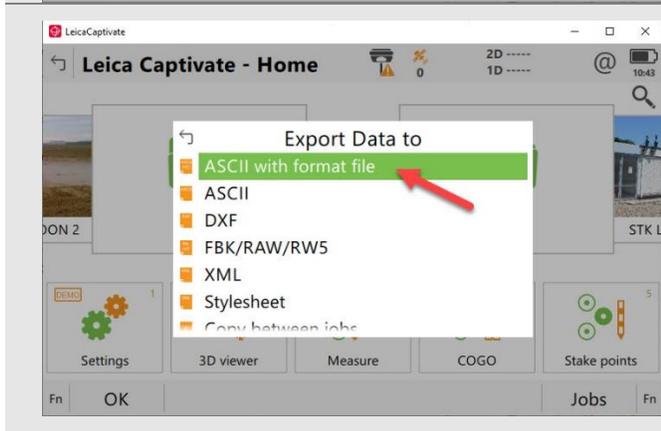
31. Now we will want to Export the ASCII output configuration



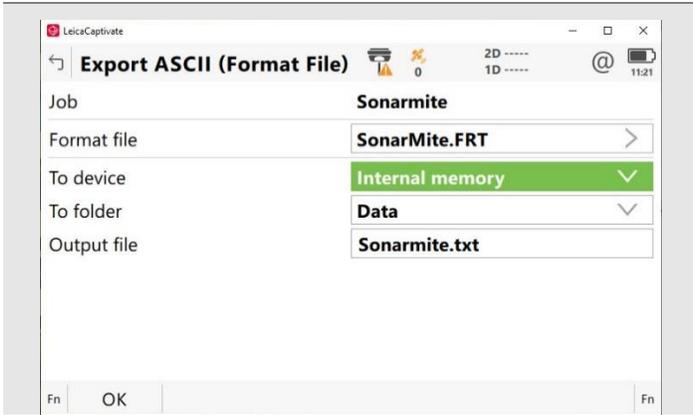
32. From the main Menu Select Settings



33. Select the Export data and then the (>) symbol for additional options



34. Select ASCII with Format file



35. Select the SonarMite Format file we transferred to the internal memory earlier Select OK

36.

37.

38.