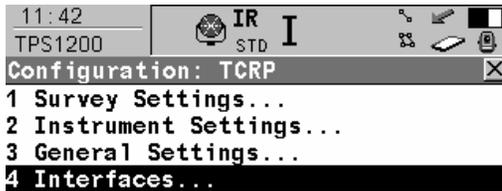# Bluetooth - Leica TPS TCRP 1200 Series
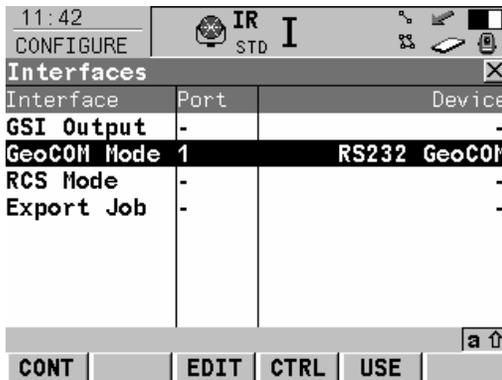
Procedure

1. Turn on the instrument

2. Level the instrument

3. On your instrument select menu item 5 (Configuration)

4. Select menu item 4 (Interfaces)

5. Press the down arrow to highlight "GeoCOM Mode" then press F3 (Edit)

6. Verify that the communication parameters match the following:

   Port = Port 3 (BT)
   Device = BLUETOOTH
   Protocol = RS232 GeoCOM

7. Press F5 (Devce)

8. Use the up/down arrows to highlight **BLUETOOTH "Type RS232 GeoCOM"** then press F3 (Edit)

   Make a note of what parameters are currently set because you need to match these in FieldGenius.

9. Press F1 (Store) to set the parameters and go back to the Devices screen.

10. Press F1 (Cont) to continue back to the GeoCOM Mode screen.

11. Press F1 (Cont) to continue back to the Interfaces screen.

12. Press F1 (Cont) to continue back to the Main Menu.

13. In FieldGenius start or open an existing project. Press the Main Menu button → Settings → Instrument Settings. On the Instrument Settings screen, select **Total Station**.

14. Match the following on the Model and Communication screen.

15. Match the following on the EDM Settings screen.

16. Specify the tolerances you want to use on the Tolerance Settings screen.
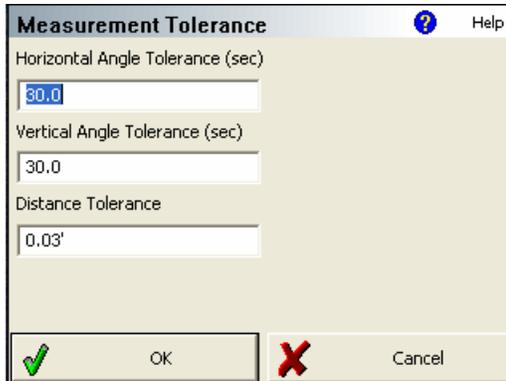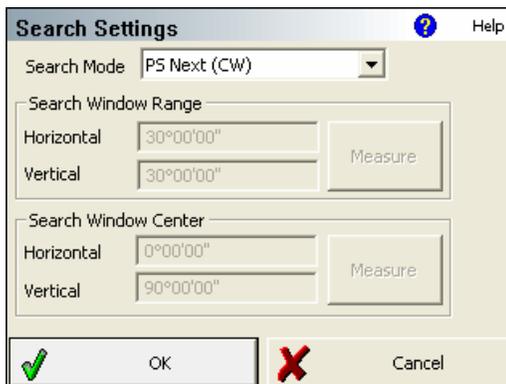
Measurement Tolerance   ❓ Help

Horizontal Angle Tolerance (sec)

[30.0]

Vertical Angle Tolerance (sec)

[30.0]

Distance Tolerance

[0.03']

✔ OK   ✘ Cancel

17. Match the following on the Search Settings screen. PS = Power Search.

Search Settings   ❓ Help

Search Mode   [PS Next (CW)   ▼]

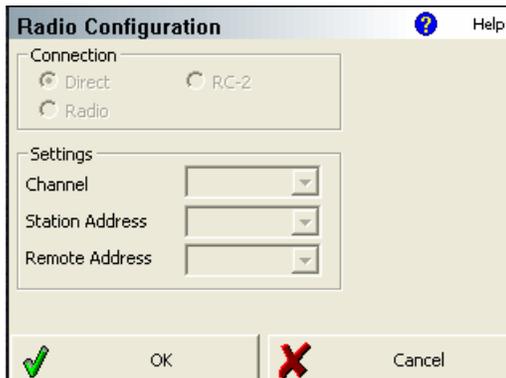Search Window Range

Horizontal   [30°00'00"]

Vertical   [30°00'00"]   Measure

Search Window Center

Horizontal   [0°00'00"]

Vertical   [90°00'00"]   Measure

✔ OK   ✘ Cancel

18. There is nothing to set on the Radio Configuration screen.

Radio Configuration   ❓ Help

Connection

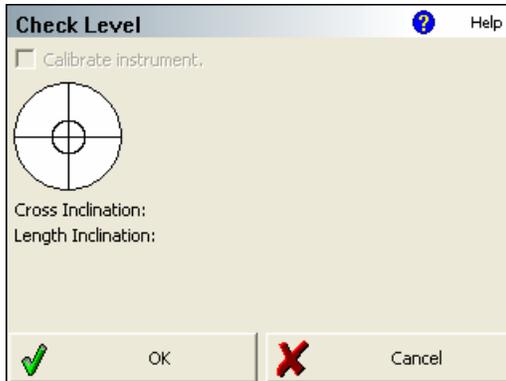   ◉ Direct   ○ RC-2

   ○ Radio

Settings

Channel   [▼]

Station Address   [▼]

Remote Address   [▼]

✔ OK   ✘ Cancel

19. There is nothing to set on the Check Level screen. You will see this screen when you try connecting to the instrument.

20. Switch back to the Model and Communication screen. Press the Connect to Instrument button and if you successfully connect you will see a green check mark, and the Check Level screen will appear. Have fun!