

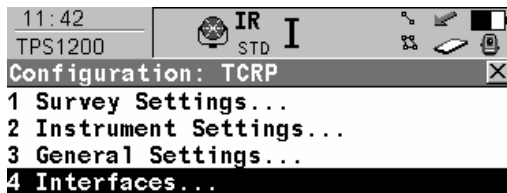
# Leica TPS TCRP 1201, 1202, 1203, 1205

## ***Procedure***

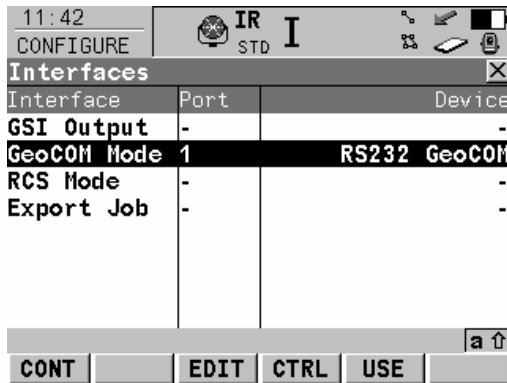
1. Turn on the instrument
2. Level the instrument
3. On your instrument select menu item 5 (Configuration)



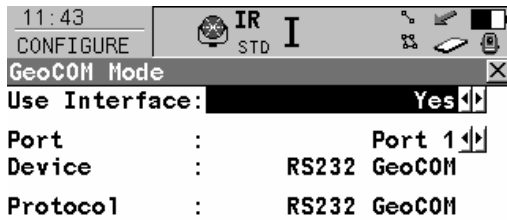
4. Select menu item 4 (Interfaces)



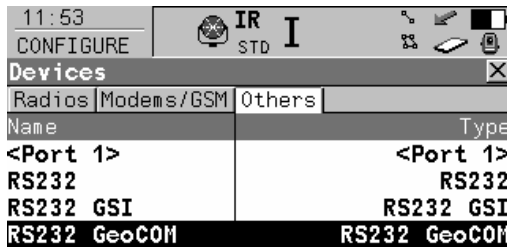
5. Press the down arrow to highlight "GeoCOM Mode" then press F3 (Edit)



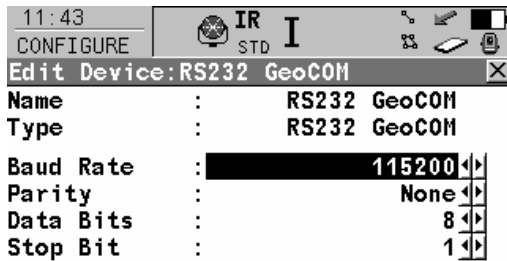
- Verify that the communication parameters match the following:



- Press F5 (Devce)
- Use the up/down arrows to highlight RS232 GeoCOM then press F3 (Edit)



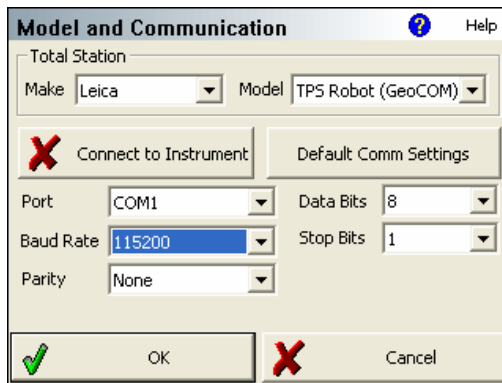
- Verify that the communication parameters match the following:



- Press F1 (Store) to set the parameters and go back to the Devices screen.
- Press F1 (Cont) to continue back to the GeoCOM Mode screen.
- Press F1 (Cont) to continue back to the Interfaces screen.
- Press F1 (Cont) to continue back to the Main Menu.
- In FieldGenius start or open an existing project. Press the Main Menu button → Settings → Instrument Settings. On the Instrument Settings screen, select **Total Station**.

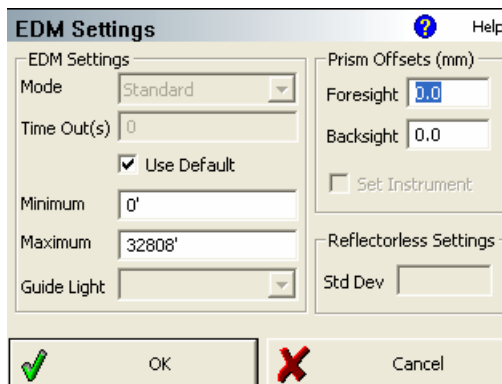
## Quick Start Guide

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



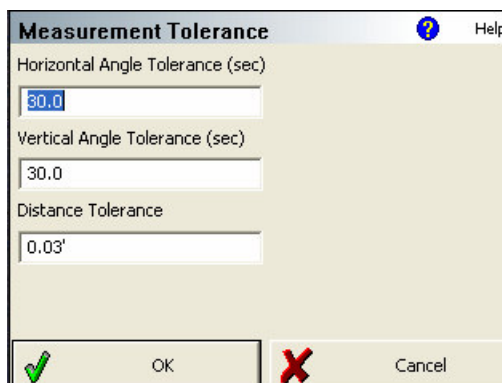
The screenshot shows the "Model and Communication" dialog box. It has a title bar with a question mark icon and the word "Help". Below the title bar, there are two dropdown menus: "Make" set to "Leica" and "Model" set to "TPS Robot (GeoCOM)". Below these is a "Connect to Instrument" button with a red X icon and a "Default Comm Settings" button. The "Port" dropdown is set to "COM1", "Data Bits" is "8", "Baud Rate" is "115200", "Stop Bits" is "1", and "Parity" is "None". At the bottom, there are "OK" and "Cancel" buttons, with a green checkmark icon next to "OK" and a red X icon next to "Cancel".

16. Match the following on the EDM Settings screen.



The screenshot shows the "EDM Settings" dialog box. It has a title bar with a question mark icon and the word "Help". Below the title bar, there are several sections: "EDM Settings" with a "Mode" dropdown set to "Standard", a "Time Out(s)" field set to "0", a checked "Use Default" checkbox, "Minimum" and "Maximum" fields set to "0'" and "32808'" respectively, and a "Guide Light" dropdown. To the right, "Prism Offsets (mm)" has "Foresight" and "Backsight" fields set to "0.0", and a "Set Instrument" checkbox. Below that, "Reflectorless Settings" has a "Std Dev" field. At the bottom, there are "OK" and "Cancel" buttons, with a green checkmark icon next to "OK" and a red X icon next to "Cancel".

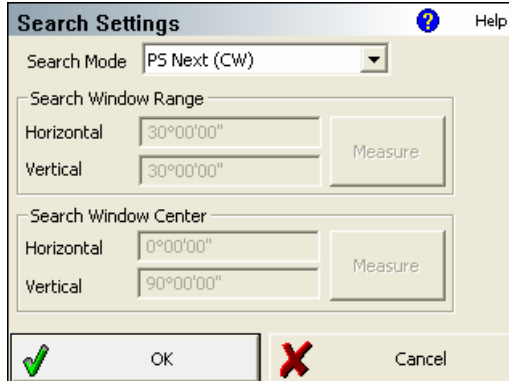
17. Specify the tolerances you want to use on the Tolerance Settings screen.



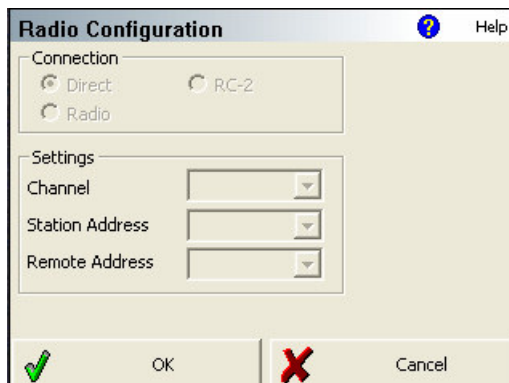
The screenshot shows the "Measurement Tolerance" dialog box. It has a title bar with a question mark icon and the word "Help". Below the title bar, there are three input fields: "Horizontal Angle Tolerance (sec)" set to "30.0", "Vertical Angle Tolerance (sec)" set to "30.0", and "Distance Tolerance" set to "0.03'". At the bottom, there are "OK" and "Cancel" buttons, with a green checkmark icon next to "OK" and a red X icon next to "Cancel".

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

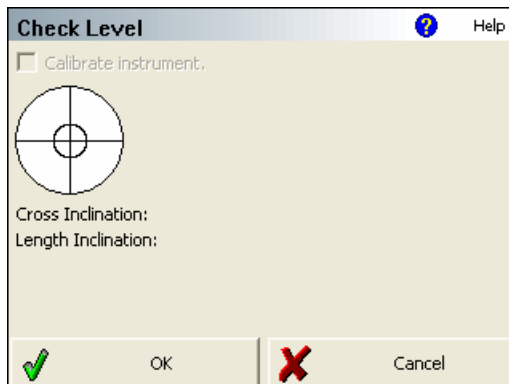
## Quick Start Guide



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



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



21. 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!