**Standard GeoXT/XH GPS Configuration**

Each GPS unit has ArcPad and GPS Correct installed on it. For the GPS unit to collect data correctly, GPS settings in ArcPad must be set appropriately.

**Configuring ArcPad:**

Under **GPS Preferences** [ArcPad]

Choose the **GPS tab**

The GPS settings should be:

- **Protocol:** Trimble GPScorrect
- **Port:** COM3:TSIP
- **Baud:** 9600

Click the cable on the right side of **baud**

Parity should be set to Odd

Choose the **Capture tab** [under GPS Preferences]

Check the **Enable Averaging** box

Set the Number of positions to average to **60**

Choose the **Datum tab** [under GPS Preferences]

Make sure **D_WGS_1984** is selected

**Configuring GPS Correct:**

Add the GPS Correct toolbar to ArcPad:

- Click the drop-down menu to the right of the Tools icon
- Click the GPS Correct icon on the toolbar

From the drop down menu next to Skyplot, choose Setup.

Under the **Logging Settings button**...

- Make sure **Log GPS to SSF** is on and
- **Log H-Star Data** is set to **Auto**.

Click OK.

Under the **GPS Settings**

- Make sure the **Max PDOP** is set to **6.0** by sliding the marker on top of the page to the precision end.

Click OK

Under the **Real-time Settings**

- Make sure **Use Uncorrected GPS** is selected.

Close the GPS Correct window. You are now set to collect Data!