How to Set Up RTK with RTCM Messages on Your 4000 Series Receiver

Summary: This TIP includes instructions on how to set up RTK using an RTCM data source on the 4000.

Note: Before you begin, you must make sure that the RTCM V2.0 / V2.01 Output / Input and the RTK options are installed in the receiver.

1 What to Do with the Reference Station
   a. Turn on your reference station.
   b. Press the gray CONTROL key.
   c. Toggle MORE until you see RTCM-104 OUTPUT.
   d. Press the black display soft key next to RTCM-104 OUTPUT.
   e. Under FORMAT, press the black display soft key until you select RTK / RTCM.

2 What to Do with the Mobile Unit
   a. Toggle to the RTCM-104 INPUT menu.
   b. Under FORMAT, toggle and select RTK-L1/L2.
   c. Under INPUT, select ON/AUTO.
   d. Change PORT SELECT to appropriate port, which is typically Port 2.

Note: Survey Controller version 6 does this automatically.

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