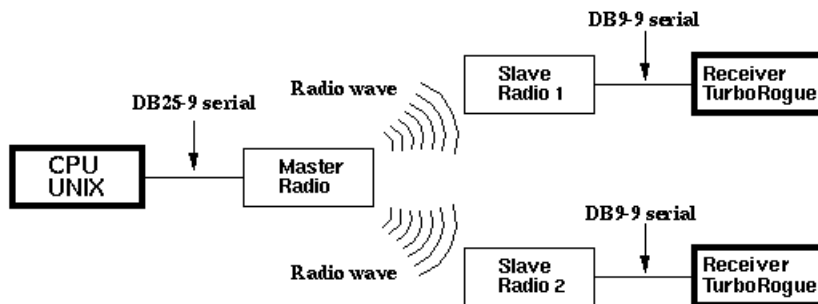


Comms Example: 2 AOA TurboRogue GPS Receivers--2 Radio Modems--Radio Modem--CPU

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2 AOA TurboRogue GPS Receivers--2 Radio Modems--Radio Modem--CPU



Equipment

In Use by UNAVCO Boulder Facility -

- 1=Chinese (specific information is not available at this time)
- 2=Computer to phone modem (specific information is not available at this time)
- Radio modem: [FreeWave DGR115-H](#)
- Antenna: [Directional Yagi antenna](#)
- CPU: UNIX (Solaris)
- Receiver: TurboRogue SNR-8000

Possible Substitutions (based on site parameters)-

- 1=Chinese (specific information is not available at this time)
- 2=Computer to phone modem (specific information is not available at this time)
- Radio Modem: Any radio modem which meets suggested minimum requirements as listed on our [Radio Modems](#) page.
- Antenna: [Omnidirectional antenna](#)
- CPU: UNAVCO, Boulder currently supports UNIX or LINUX operating systems

NOTE: The use of a repeater and directional antennas depends on the specifics of the site, distances signals need to travel, topography etc. For more information contact UNAVCO Support (support@unavco.org).

Connections in use by Boulder Facility

- 1=Chinese (specific information is not available at this time)
- 2=Computer to phone modem (specific information is not available at this time)
- 1=DB25-9 serial
- 2=Radio wave
- 3=DB9-9 serial

Equipment Configuration in use by Boulder Facility

Radio modems

- 1=Chinese (specific information is not available at this time)
- 2=Computer to phone modem (specific information is not available at this time)
- Baud rate 19200 bps
- 8-None-1
- RTS/CTS HW flow control
- packet size max=3 (56 bytes) min=0 (8 bytes)

The base radio modem is set to Point to Point Slave/Master Switchable and the callbook is set to call all numbers (of the slave transceivers). The remote transceivers are set to Point to Point Slave mode.

- [Recommended local radio modem register settings](#)
- [Recommended remote radio modem register settings](#)

TurboRogue Receiver

- 1=Chinese (specific information is not available at this time)
- 2=Computer to phone modem (specific information is not available at this time)
- Baud rate 19200 bps
- 8-None-1
- port B
- firmware version 3.2

Download Specifications

Download software: PERL scripts on Solaris.

NOTE: download rates will vary depending upon site location, local interference, phone line quality, and cellular service.

Posted by: **Beth Bartel** - Thu, Jul 9, 2009 at 7:54 PM. This article has been viewed 4106 times.

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