Suggested configuration for a FreeWave DGR-115H radio modem connected to an AOA TurboRogue SNR-8000 GPS receiver

432 Beth Bartel June 18, 2020 FreeWave 2067

NOTE: The outdated and offensive "master-slave" terminology has been replaced with "Access point (AP) - Station (STA)" in all instances, but will still remain in the configuration software when implemented

Below are the suggested settings of the FreeWave Wireless Data Transceiver when directly attached to a TurboRogue receiver.

Base Modem:

Operation mode: Point to Point Master (AP)
Baud Rate: 19200
Call book: Set to call the serial number of the remote modem.
Transmission characteristics:
FreqKey = 0-9
Max Packet Size = 3
Min Packet Size = 0
Xmit Rate = 1
RF Data Rate = 3
RF Xmit Power = 9

Remote Modem:

Operation modem: Point to Point Slave (STA)
Baud Rate: 19200
Call book: Put serial number of base modem into call book.
Transmission characteristics:
FreqKey = 0-9
Max Packet Size = 3
Min Packet Size = 0
Xmit Rate = 1
RF Data Rate = 3
RF Xmit Power = 9

Remote Receiver:

Set BAUD 19200

Online URL:
https://kb.unavco.org/article/suggested-configuration-for-a-freewave-dgr-115h-radio-modem-connected-to-an-aoa-turborogue-snr-8000-gps-receiver-432.html