

### **Bob DNT Settings**

(Unmentioned parameters indicate that the defaults were used)

#### Transceiver Setup: (individual to each radio)

Device Mode: base for radio sending data and remote for radio receiving data

RF Data Rate: 200k (max that still works at full power)

Hop Duration: 0x0190 (20ms)

Network ID: 0x01 (must be the same for radios in the network)

TX Power: 30 dBm (1 watt)

Sleep Mode: off

Security Key: 0x00 (disabled)

Base Network ID: 0x01

#### System: (set by base radio)

Access Mode: TDMA Dynamic (default)

Base Slot Size: 0xE4 (as large as possible)

Max Prop Delay: 0x45 (20mi max range)

ARQ Attempt Limit: 0x01

Send Broadcast Once: checked

#### Serial: (individual to each radio)

Baud rate: 115200 for base, 230400 for remote

Ignore DTR: Checked

#### Protocol:

Protocol Mode: Transparent

Radio Mode: MultiPoint

### **Faster Bob Settings**

(Differences from standard Bob)

RF Data Rate: 500k

Hop Duration: 0x00C8 (10ms)

TX Power: 18 dBm

Baud rate: 230400 for both

### **Dave 3 DNT Settings**

(Differences from standard Bob)

Max Prop Delay: 0xCF (60mi max range)

ARQ Attempt Limit: 0x04

### **Dual-Bob & Bob Main**

(Differences from standard Bob)

Hop Duration: 0x01F4 (25ms)

Base Slot Size: 0x00 (as small as possible)

Max Prop Delay: 0xCF (60mi max range)

Baud rate: 115200 for both