

Central Arizona Mesh Organization - SSID & Node Name

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We have put together an easy to follow standard and is very simple to change your node to what we are running...

The SSID for all nodes is: AREDN

On 2.4 GHz we are using Channel -2 (2.397) @ 5 MHz wide.

On 5.8 GHz we are using Channel 178 (5.890) @ 10 MHz wide.

[Below is the Node Name list with examples]

1. Call Sign
2. Type of equipment
3. M3 (3.4 gig) or M5 (5.8 gig) if you're not operating on 2.4 GHz
4. Direction antenna is pointed.

Omni antennas are O and no direction is specified.

Some examples:

W7XYZ-AG-WNW - (AirGrid on 2.4 GHz pointed west northwest.)

W7XYZ-B-O - (Bullet on 2.4 GHz with an Omni antenna)

W7XYZ-B-SECT-E - (Bullet on 2.4 GHz with a sector antenna pointed east.)

W7XYZ-B-SECT-90S - (Bullet on 2.4 GHz with a 90 degree sector antenna pointed south.)

W7XYZ-B-SECT-120W - (Bullet on 2.4 GHz with a 120 degree sector antenna pointed west.)

W7XYZ-R-SECT-90SW - (Rocket on 2.4 GHz with a 90 degree sector antenna pointed southwest.)

W7XYZ-RM5-SECT-120NW - (Rocket on 5.8 GHz with a 90 degree sector antenna pointed northwest.)

W7XYZ-AGM5-ESE - (AirGrid on 5.8 GHz pointed east south east.)

W7XYZ-LOCO-W - (Nano Station Loco on 2.4 GHz pointed west.)

W7XYZ-NBM5-E - (Nano Bridge on 5.8 GHz pointed east.)

Since the newer firmware has the ability to add a complete description for our nodes the above information will work just fine and is very easy to follow...