

1st Quarter Las Vegas Mesh Breakfast

The breakfast was held at Winchell's Pub & Grill, 199 E Warm Springs Rd, Las Vegas, NV 89119 on January 11, 2025.

The following amateur radio operators were present: Wayne McGartlin (N7HWM), Frank Kostelac (N7ZEV), Paul Herndon (KK7PTU), Don Hill (KE6BXT), Dave LeBlanc (KF7JAF), Kathleen LeBlanc (KJ7QMU), Paul Scott (N9XCW), James Berends (KK7OUG), Tom Davis (KB7HTA) and Eric Nansen (N6YKE); a new record for attendance! Also, four new additions to the mailing list, thank you for joining us.

Eric and Wayne gave us an update on the Blue Diamond site. An Ubiquiti 120° sector antenna with radio was installed, which is pointed toward Las Vegas/Henderson; and a MikroTik 5 GHz dish, which is currently pointed toward Wayne's QTH. Some minor pointing adjustments need to be made to get a better connection to Frank's mesh node. Eric is also making an effort to get a mesh node installed at the VA Hospital in North Las Vegas.

Frank reported that he is still working with the county to install a mesh node on Angel peak. Our request has been given to the county for a design review, with an estimate of a possible approval at the end of the first quarter. He hopes to install a Ubiquiti Rocket M5/dish pointed toward Red Mountain and a 90° Ubiquiti Rocket M5 Sector pointed into North Las Vegas.

A general discussion was had about improving the Las Vegas AR Mesh Network. Some ideas from the past were mentioned, getting a mesh node installed at the Las Vegas EOC to get ARES/RACES onboard with mesh in the future. Update all the nodes to the latest firmware before the next meeting. Frank or Don will turn on the connection to SoCal through the Super Node starting Sunday night before the NET, until Monday night to allow us to interact with resources there. Robert was not at the meeting, but it is assumed he is still waiting on a date with the contractor to better align the MikroTik dish and sector at the Pinnacle site.

Tom has the following items for sale at a reasonable price; or to lend folks, who would like to try one out before they buy:

- 4 - Ubiquiti AM5G20 90° Sector Antenna
- 2 - Ubiquiti AM2G16 90° Sector Antenna
- 1 - Ubiquiti AM5G21 60° Sector Antenna
- 1 - Ubiquiti AM5G19 120° Sector Antenna
- 1 - Ubiquiti RG-5G30 7° Dish with cover
- 1 - Ubiquiti AMO-5G13 Omni Antenna
- 1 - Ubiquiti AMO-2G13 Omni Antenna
- 6 - Ubiquiti Rocket M5
- 2 - Ubiquiti Rocket M2