

Future Wireless Working Group Meeting Summary

October 12, 2023 via Zoom

Attendees: Joann Bender, Jeff Reel, Nash Higgins, John Lange, Howard Pfeffer, Joe Clary, Ron Ternowski, Axel Persaud, Andrew Wiedlea, James Jokl, Robert Johnson, Jim Stewart, Mary Bull, Rob Gorrell, Andrew Gallo, Charles von Lichtenberg, Marissa Kato, Sean O'Brien,

- The Summary of the 9/19/23 Meeting was approved. Jeff reported they would be posted to the [WG public Wiki Page](#).
- Updates from WG members on the CBRS/EBS-related trials at their institutions
 - Jim Jokl shared that their integrator had completed the MOCN gateway trial at UVA with a major cellular carrier. Happy that all the technology is a success (for indoor coverage), including all voice and data pieces. Interesting aspects of working with the carrier were uncovered. Trials just getting underway to add outdoor coverage and an additional national carrier. The Working Group was very complimentary of UVA's accomplishments to date.
 - Nash Higgins shared TAMU's data center core builds by the same integrator are complete based on Samsung radio access network in the Band 41 EBS spectrum. Targeting only private data with no voice services at this point. First radio nodes are to join the core soon, hope to follow connectivity with a carrier gateway soon after.
 - Andrew Wiedlea shared interesting work ESnet is doing with Nokia and IoT applications, exploring 5G bi-cells with Starlink as backhaul. Focus on CBRS space due to ease of access in remote areas.
- Howard mentioned that these trials are extremely important to show the cellular carriers the progress the R&E community is achieving. Getting the individual instances working is important as roaming between sites could then be explored. One possibility toward that is Internet2 investigating obtaining its own PLMN ID
- NHN RFP
 - Jeff reported organizational work within Internet2 in preparation for the RFP is underway with the assignment of a Contract Administrator and a Project Manager to the RFP Team.
 - The Team is still looking for one more reviewer
 - The group discussed how important the Business Model of the RFP will be; what providers are interested in providing turn-key solutions and which ones are interested in providing piece-parts.

- Reminded that the next meeting will be November 9th, 2023 via Zoom. A reminder will be sent.