

REPEATERS, WWARA & THE FUTURE

KU7M

What is WWARA

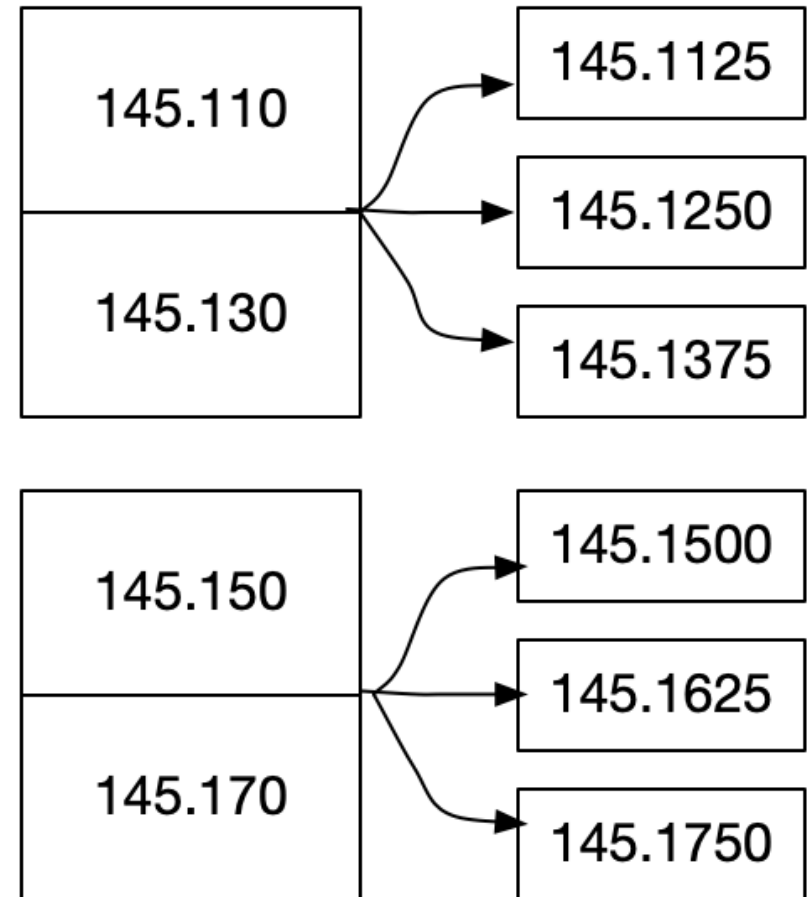
- Repeater Coordination for Western WA
- Publish the VHF/UHF/Microwave band plans
- Publish accurate list of repeaters in area

State of WWARA

- Commercial world shifted to narrowband in 2013
- Multiple digital (narrowband) solutions in use already for WWARA repeaters
- Hasn't been a 'open' 2m pair in over a two decades* and for the first time in 2018, all 440 pairs were in use.
- Coordinations of new repeaters has increased 23% since 2013, digital repeaters has increased 77% in the same time period. (hams want more repeaters)

Narrowband Plan

- May 2019 - Public proposal to narrowband WWARA
- Provides band plan for 12.5 kHz channels for 2m and 440 bands (900 already done)
- 2m pairs increase ~30%, 440 pairs increases ~50%
- Currently 29% of 440 systems already narrowband



Status Today

- Approved narrowband plan for 2m / 70cm in April 2022
- What are challenges for transitioning to narrowband only repeaters?
- Should we transition to only narrowband systems?
- What time horizon would make sense?

Links

- **WWARA Website** - <https://www.wwara.org>
- **Narrowband Proposal** - <https://tinyurl.com/wwaranarrowband>
- **My e-mail:** kenny@holenwall.com