

**MINUTES**  
**NCC Region 43 700 MHz Regional Planning Committee**  
**May 28, 2003**  
**10:00 AM -1:00 PM**  
**Camp Murray, WA**

**1. Roll Call and Introductions**

Following individuals participated in meeting.

Kevin Kearns	Keith Eldridge
Allan Josue	Steve Taylor
Jon (Wiz) Wiswell	Travis Boettcher
Dave Brush	Gary Amundson
Dennis Hausman	Gary Palmer
Dean Heistand	Fred Radovich
Terry Miller	Bob Speidel
Babu Parayil	Dave Zehrung
Terri Scott	

**2. Agenda Modifications – None**

**3. Approval of Minutes of April 30, 2003**

Change made in paragraph addressing 4.9 GHz spectrum. 4.9 MHz was corrected to 4.9 GHz. Wiz motioned to approve, seconded by Josue, and was approved by members.

**4. Information Updates**

- Hai Phung is currently attending CAPRAD database training in Colorado. The state, through the SIEC will identify an individual to receive training at a later date. The Oregon representative at the training has indicated that the training is very good and will be useful when allocating requested frequencies. Dennis Hausman indicated that the NW Radio Alliance supports the use of CAPRAD and the training.

**5. Presentation by M/A COM on Regional Planning Issues**

Bob Speidel of M/A COM made a presentation concerning the background, policy, and issues concerning the 700 MHz spectrum to be used by public safety agencies. The powerpoint presentation slides will be posted on the website.

Some key highlights of the presentation are:

- Designated low power channels do not have to be for digital use.
- Prior to 2007, applications for narrowband 12.5 KHz channels can be submitted. After 2007, only new applications for 6.25 KHz narrowband channels will be accepted. Beginning 2017, all 700 MHz systems must only be using 6.25 KHz licensed channels.
- Currently, interoperability requirements only apply to narrowband voice subscriber equipment and not to 700 MHz infrastructure.
- For interoperability, P25, phase 1, CAI, conventional mode, is the over-the-air standard for use of narrowband voice interoperability channels. Narrowband data interoperability and wideband data over-the-air standards have not been fully defined at this time. Since the standards are not fully developed, utilization of the wideband portion of spectrum may be delayed.
- General Use 700 MHz licenses will not be issued until such time as the regional plan is approved by FCC.

A discussion ensued on what the role of the RPC would be when reviewing applications for spectrum, in light of the fact that the use of the pre-coordinated CAPRAD database will be the major basis for frequency allocations. With this in mind, should the 700 MHz RPC, like what's being done under the 800 MHz RPC, undertake a technical review and do detailed RF engineering of applications? Overall, the group indicated that the RPC would be involved in the coordination/approval process. Initially it would try to adjust the current CAPRAD database to reflect how the general use channels could be allocated. Then each application for spectrum would be reviewed against this database, and if then necessary, adjustments could be made to reflect proper/adequate usage and assignment.

## **6. Draft Plan Review and Editing**

Since Kevin did not have an opportunity to further review/edit the plan for the committee to consider, there was no review/editing done during the meeting. Kevin will have the latest changes from the April review posted on the web. During the June meeting, the committee will continue to review of the draft plan.

## **7. 4.9 GHz Regional Planning**

The Memorandum Opinion and Order and 3<sup>rd</sup> Report and Order regarding the 4.9 GHz spectrum recently released for public safety use was distributed. Key points are highlighted in the executive summary. Some key points are:

- Spectrum is basically to be used for broadband applications over a small footprint. Preference for use is for mobile tactical applications or

temporary point-to-point operations. Fixed point-to-point applications are not permitted.

- Aeronautical use is not allowed except as may be required on a case-by-case basis.
- Eligible users are permitted to license the entire 50 MHz of spectrum available.
- There is currently no technical standard adopted/in-place concerning the band.
- Within six months after the rules are officially adopted by the FCC, the RPC must convene a meeting to consider the development of a regional plan for coordinating the use of the spectrum. Within 12 months of the rules being adopted, the RPC must submit a plan to the FCC.

The RPC at future meetings will further discuss development of a plan. Wiz had indicated that high population areas probably would see the need for a plan that would effectively address the use of the spectrum.

## **8. Other Items**

- Kevin reported that at the last NPSTC meeting, NY indicated some progress on Canada considering a 700 MHz band plan similar to ours, at least for land mobile use. This could certainly improve usage and interoperability opportunities in the border regions.
- At the WWCIC meeting, June 11<sup>th</sup>, it was expressed that Canada will be represented at the meeting and it would be another good opportunity to address 700 MHz issues particularly concerning Washington and to obtain the latest information on the direction Canada is moving on 700 MHz.
- Dennis passed out an article from Washington Post about Northrup petitioning FCC to reallocate 10 MHz of additional 700 MHz spectrum for public safety use.

## **9. Next Meeting**

The next meeting will be in Wenatchee, Wednesday, June 25, 2003. The Washington APCO Training Conference is being held there that week and we've booked the Blossom Room from 1000 to 1300 for a meeting. This will give us an opportunity to spread a broader message about the regional planning effort and encourage further support for our work.

## **10. Adjourn**

Meeting was adjourned at 1:00 PM