TV White Spaces

Unlicensed Wireless Microphones Venue Registration System Beta Test and Status Report and Implementation Planning Update

July 9, 2012
Overview of Meeting

• TVWS project status report
• Plan for nationwide TVWS operation
• Beta Test plan
• FCC UWM venue registration approval system
• Spectrum Bridge UWM event registrations
• Telcordia UWM event registrations
• Synchronization of event registrations
• Questions
TV White Spaces Status

A Long and Winding Road!

- First Report and Order and Further NPRM - 10/12/2006
- Prototype Testing and Reports - 2007-2008
- Second Memorandum Opinion and Order - 9/23/10
- Third Memorandum Opinion and Order - 4/4/12
Implementation Activity

• Jan. 26, 2011, the Commission’s Office of Engineering and Technology issued an Order in ET Docket 04-186, DA 11-131 that conditionally designated TVWS Data Base Administrators: Comsearch, Frequency Finder Inc., Google Inc., KB Enterprises LLC and LS Telcom, Key Bridge Global LLC, Neustar Inc., Spectrum Bridge Inc., Telcordia Technologies, and WSdb; later added Microsoft

• March – May 2011 held 3 public workshops plus additional meetings & dialogue; Extensive info at: http://transition.fcc.gov/oet/whitespace/

• Sept. 14, 2011: Announced 1st TVWS data base test - Spectrum Bridge

• Dec. 2, 2011: Announced 2nd TVWS data base test - Telcordia

• Dec. 22, 2011: Approved first data base administrator - Spectrum Bridge

• Dec. 22, 2011: Approved first TVWS device – Koos Technical Services, Inc. (KTS)

• Jan. 26, 2012: First commercial deployment - Wilmington, NC

• March 26, 2012: Approved second data base administrator – Telcordia

• April 19, 2012: Approved second device – Adaptrum; authorized deployment in Nottaway, VA

• April 4, 2012: 3rd MO&O addressing petitions for reconsiderations

• Waivers to register distant receive sites in databases (for protection)
What We Are Doing

• Accepting & processing applications for equipment certification

• Continuing process to approve data base administrators

• Establishing wireless microphone registration process

• Completing procedure for update of receive channels

• Preparing for nationwide authorization - Beta testing and outreach
Plan for Nationwide TVWS Operation

- Beta Test of Unlicensed Wireless Microphone Registration System
  - FCC venue approval system
  - Spectrum Bridge and Telcordia event registrations systems
  - Address feedback, lessons learned
- Activate FCC venue approval system and conduct outreach (will collect user feedback)
- Provide time for UWM registrations to be approved (30-day process)
- Authorize database administrators to provide service nationwide
- Additional refinements as appropriate
Beta Test of UWM Registrations

- Allow examination of UWM registration systems by 4 parties with large venues
- Three week test period to examine systems and provide feedback
  - Test to end July 30, 2012
- FCC venue approval system (access to test system through FCC facilities only)
- Spectrum Bridge and Telcordia test systems accessible from test parties facilities
- FCC staff will collect feedback and develop responses
Beta Test of UWM Registrations

Submit Beta Test comments to:
- alan.stillwell@fcc.gov
- mary.bucher@fcc.gov

Comments will be posted to the OET TVWS webpage at:
http://www.fcc.gov/encyclopedia/white-space-database-administration
FCC Unlicensed Wireless Microphone Venue Registration Approval System

Diane Dupert
Wireless Telecommunications Bureau
Gettysburg, PA
Spectrum Bridge
Unlicensed Wireless Microphone
Event Registrations

Robin Roberts
Spectrum Bridge, Inc.

Access Event Registration System at http://whitespaces.spectrumbridge.com/
Telcordia Technologies, Inc.

Unlicensed Wireless Microphone Event Registrations

Anthony Triolo
Telcordia Technologies, Inc.

Access Event Registration System at http://www.telcordia.com/whitespaces
Synchronization of Registrations
Questions/Discussion

Alan Stillwell
202/418-2925
alan.stillwell@fcc.gov

Mary Bucher
(717) 338-2656
mary.bucher@fcc.gov