Licensed Wireless Microphones Registration: Broadcasters’ Perspective

May 25, 2011

FCC

Columbia, MD
Review of FCC Rules

• Section 15.712
  – Fixed devices are not permitted to operate within 1 km and personal/portable TVBDs are not permitted to operate within 400 meters, of the coordinates of registered low power auxiliary site
  – TV channels are not permitted on the first channel on each side of TV channel 37 that are not occupied by a licensed service

• Section 15.713(h)(8)
  – Required registration information for licensed low power auxiliary stations
List of Issues

• Registration with Database Administrators
• Locations/Facilities to be Registered
  – Large facilities
  – Scheduling
  – Channels
  – Changes to scheduling and channels
• Identification of Reserve Channels
• Outreach to Inform Licensees of Registration Procedures
Registration with Database Administrators

• Desirable features for registering licensed broadcast wireless microphones/low power auxiliary operations
  – Registration should be simple and straightforward
  – Database updated in a timely fashion
  – Single registration site desirable

• How can we incorporate these features in the registration process? How can we help?
Locations/Facilities to be Registered

• Large Venues/Facilities
  – Current FCC process is unwieldy
    • See example for US Open Golf Tournament
    • Problems
      – Large number of registrations or locations required
      – Too many circles to enter
      – No easy way to identify the centers
      – 50 meter uncertainty

  – Need better solution
Congressional Golf Course
Changes to Scheduling and Channels

• How best to handle changes in scheduling during live events
  – Rain delay, over time
  – Postponement of scheduled event (news conferences, speeches, etc.)

• How best to handle breaking news events in the database

• How best to handle moving events (helicopter coverage, car chases, etc..)
Identification of Reserve Channels

- Reserve channels can be used by both licensed and unlicensed microphone users
- Reserve channels are identified by location and may vary within a market
- How best to identify them, and make that information accessible to both licensed and unlicensed users
Outreach to Inform Licensees of Registration Procedures

• How best to achieve
• How could we help