

Inauguration 2017 Guidelines for RF Operation

- 1) The 2017 Inauguration RF Committee has determined an "Area of RF Operation." This Committee shall have jurisdiction over the Washington D.C. "Area of Operation" for a period commencing approximately four days (beginning 01/16/2017) before the Inauguration, until conclusion of the Inauguration on January 20th, within 25 km of City Center.
- 2) Each Network has been asked to provide, at least, one (1) volunteer to assist the RF Enforcement committee.
- 3) Large notices/signs will be placed by all media locations (i.e.: platforms and stands). The signs will state:

“WIRELESS ADVISORY”

****Limited Spectrum Availability****

Due to the high volume of wireless devices being used at the Inauguration, the following rules apply to all wireless devices (excluding mobile phones):

- * All wireless devices must be on an approved frequency*
- * Approved wireless devices must have an approval label affixed to the approved device*
- * Frequency Coordinators will be monitoring use and checking for approved labels.*

To register your wireless mics and other wireless equipment, please go to:

www.Broad-Comm.com

and complete the RF Request form.

For all other questions please Email:

RFrequest@broad-comm.com

- 4) We are hoping for a formal “RF Check-In” area reserved at PIC Credentialing to expedite RF approval for media pool personnel.

- 5) There will be two (2) Control Points of RF Coordination Operation:
 - 1- The U.S. Capitol
 - 2- The Newseum
- 6) RF Enforcement should be staffed at all identified Media entrances.
- 7) The RF Coordination Committee has requested from PIC the authority to shutdown unapproved devices.
- 8) RF Enforcement Committee members and volunteers will have appropriate access to all media locations within the “Area of RF Operation.”
- 9) RF Enforcement Staff should have “Enforcement ID Cards” for fast identification and access by Security and Media Personnel as provided by PIC and the Network Pool.
- 10) Wireless microphones have preference over IFB’s and wireless intercoms.
- 11) IFB’s have preference over wireless intercoms.
- 12) No BTR’s will be allowed to operate in credentialed zones.
- 13) Wireless Mics should be used without an external amplifier.
- 14) The maximum bandwidth for wireless mics allowed is 200 KHz.
- 15) All FCC rules and regulations shall be complied with at all times unless a special waiver has been granted and;
- 16) If a special waiver has been granted, it must be registered with this subcommittee:

Each user will request and submit all notifications and STA applications for frequencies and associated equipment use to the FCC. File copies shall be provided to the RF Coordination Committee Leader

PRIOR to JANUARY 16th.

- 17) All transmitting equipment shall be restricted to the minimum RF power output necessary for the intended operation.
- 18) The Subcommittee shall determine requirements, gather factual information, analyze alternatives and make appropriate recommendations to the committee on an as needed basis.
- 19) Any conflicts during the “set-up period” and Inauguration day shall be initially worked out between the users. If no solutions are reached, the committee, upon request by any party shall offer investigation and recommendations. The FCC shall be notified only if no mutual agreement can be reached among the concerned parties and the committee.
- 20) Users of broadcast auxiliary shall carefully test equipment to ensure that “Out-of-Channel” products that could contribute to harmful interference are not present. Equipment is subject to inspection and may be tested on site by the interference subcommittee.
- 21) There will be committee-sponsored test prior to the Inauguration on January 19, 2017, Thursday morning in concert with the Network Pool Rehearsal (Time TBD) where all transmitting equipment will be sequentially powered on. All systems will be tested live, and interference problems will be resolved during those tests.
- 22) When commencing operation, each station shall transmit the call sign of the associated broadcast station, or an appropriate organization identification, together with a unit designator (i.e.: CNN-3).
- 23) Each organization intending to operate must furnish this committee with the name and telephone/cell phone number of the contact person at base and at each venue site (Zone) where there is ongoing operations. Phone numbers should include all possible contact numbers, including an emergency number and an on-site location.
- 24) Voice and/or data transmissions should be limited to 5 watts or less.

- 25) It is mandatory that base stations employ isolators/circulators with 3 stage cavities in order to reduce intermodulation products.
- 26) Wireless mics operating less than 25' from their receiver should always be wired.
- 27) Wireless Mics shall not be used in heavily congested media areas such as risers and platforms.
- 28) All RF use will be verified and if RF assigned is not in use then the channel will be reassigned.
- 29) It will be mandatory for all microwave links to be identified by visual means at all times when in use without actual program. Visual means is defined as a graphic ID over color bars or other signals and;
- 30) It will be mandatory for all microwave links to be identified by other means at all times, even when transmitting actual program.
- 31) Microwave transmitters shall have their power output to the antenna limited to 100 mill watts by design or attenuation. Split channel operation shall be used with the lower half polarized clockwise and the upper half counter clockwise.
- 32) Maximum power out from trucks is to be 1Watt (with the exception of those trucks pre-approved and listed by this Committee). Paths cannot cross the operational area.
- 33) 3.2GHz, 7GHz and 13GHz are recommended outside, in and around the secured compound.