

## **Wireless Communication Commission (WCC)**

### **Title 36: Technology**

#### **Part 101 Chapter 7: MSWIN BROADBAND PTT INTERFACE POLICY**

##### **Rule 7.1 Purpose**

The Wireless Communications Commission (WCC) understands the benefits of a broadband push-to-talk (PTT) interface to the Mississippi Wireless Information Network (MSWIN), and desires to provide that interface in a way that preserves the integrity of the mission critical nature of the Land Mobile Radio (LMR) functionality of the system. PTT over Public Safety Broadband interfaced devices shall not be used as replacement for, or in lieu of P25 radios for mission-critical public safety communications.

Source: Mississippi Code Ann. 25-53-171(4)

##### **Rule 7.2 Proper Use**

The WCC considers broadband PTT operation as secondary to traditional LMR operation on the MSWIN system. As such, it should not be used for mission critical communications. If broadband PTT traffic compromises or interferes with LMR traffic, the WCC reserves the right to break the connection to the broadband PTT system without prior notice or guarantee of restoration timeline. Problems with broadband PTT system operation should be reported first to the carrier or provider of that service, and only if that investigation points to the MSWIN interface should the issue be escalated to WCC staff. Broadband PTT issues, being secondary in nature, will be addressed only during normal business hours.

Source: Mississippi Code Ann. 25-53-171(4)

##### **Rule 7.3 Methodology**

The Wireless Communications Commission has procured a broadband PTT interface to the MSWIN system that gives the WCC centralized control over all connections, and this interface is the only approved method for connecting broadband PTT into MSWIN. This system, called Critical Connect and provided by Motorola Solutions, is a cloud-based arbiter of external system connections, and provides a portal for control and management of individual LMR talkgroup to broadband PTT talkgroup patches. This centralized, managed interface gives the WCC the granular control needed to assure proper use of broadband PTT connections.

Source: Mississippi Code Ann. 25-53-171(4)

##### **Rule 7.4 Existing User Considerations**

The WCC understands that some local users of the MSWIN system have procured broadband PTT solutions that interface with MSWIN via donor radios. This type of solution is not allowed under the terms of this policy. However, in order to allow for the graceful transition of users of donor radio based broadband PTT interface systems to the centralized interface system described in this policy, existing users of these systems will be given a five-year grace period to transition to a system with a Critical Connect interface. This exception only applies to donor radio-based systems already in use at the time of publication of this policy.

Source: Mississippi Code Ann. 25-53-171(4)