



## MPSCS Bulletin # 2011-01

### REVISED MARCH 8, 2011

The Michigan Public Safety Communication System is upgrading to Release 7.9. This major infrastructure upgrade will replace aging equipment at the master sites and improve system functionality. Highlights of this upgrade include:

- Replacing the primary and secondary Zone Controllers
- Replacing the Zone WAN and LAN switches
- Replacing multiple zone level system servers
- Increasing the system IDs from 64,000 to 128,000
- Improve the ability to use 700 MHz channels at remote sites
- Increasing security on network ports and services
- Improving system diagnostics and reporting
- Updating Virus detection and intrusion services
- All existing portable and mobile radios will continue to function on the 7.9 platform without an upgrade.

Several months of preparation for this major infrastructure upgrade is nearing completion and activation of the new equipment and software will take place the week of March 21. Careful planning in cooperation with Motorola will minimize the outage time during the system cutover from 6.9 to 7.9

**The system cutover is scheduled for**  
**Thursday, March 24, between the hours of 2:00 am and 7:00 am.**

Impacts observed by the MPSCS users will be:

- MPSCS users will experience interrupted and limited communications on MPSCS talkgroups.
- As each tower is migrated from release 6.9 to release 7.9, the subscriber radios may observe "Site Trunking" or "Out of Range" messages on their display.
- The 6.9 and 7.9 core equipment is NOT interconnected. This will result in a failure to confidently talk with your peers on adjacent towers as the cutover progresses through the night.
- Communications will still continue with peers on the same tower in the Site Trunking mode and the site will experience a brief outage (less than 4 minutes) when the site reboots to the 7.9 release.
- The Emergency Alert function will operate in a limited mode.
  - The Dispatch Centers RCM terminal will not function to receive the alerts.
  - If an emergency alert is pressed, any peers on the same tower and Talkgroup will see the alert if it is followed with a Press-to-Talk by the alerting radio to force a broadcast of the alert. Members of the Talkgroup on adjacent towers may not see or hear the alert during the cutover period.
  - Be careful, as you may not have peers on the same tower during this transition to hear your alert.



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- **MPSCS recommends you do NOT rely on the Emergency Alert function during the hours of this cutover.**
- System connected Dispatch consoles (Gold Elite and MCC7500) will be intermittent in operation using system talkgroups during the cutover period.
  - Dispatch Centers must use their backup Control Stations to communicate with towers in their immediate area consistent with their storm plans. (*Please test your backup control stations prior to cutover!*)
  - Gold Elite system connected consoles can still use conventional base stations connected to their local CEB.
  - Gold Elite system connected console Fire Paging will continue to work on conventional stations connected to their local CEB during the cutover period.
  - MCC7500 system connected consoles can still use conventional base stations connected to the CCGW at their dispatch center.
  - MCC7500 consoles Fire Paging will be limited to conventional stations connected to their CCGW at their dispatch center. Connectivity to remote CCGWs will be restored by **3:00** am enabling paging on remote conventional stations.
  - Console established Talkgroup Patches will be out of service during the cutover period.
- The MPSCS Integrated Voice and Data (IV&D) service (i.e.; mobile LEIN) will terminate operations on Tuesday, March 22 @ 12:00 pm to permit upgrade to the servers and hardware. IV&D service will resume Wednesday @ 8:00 am.

During the cutover period, the Statewide Mutual Aid calling channels will continue to work into the MSP 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> Regional Dispatch Centers. Mutual Aid calling channel service will not function at MIOC or 2<sup>nd</sup> District Regional Dispatch Center during the 1<sup>st</sup> hour of cutover. Mutual Aid calling channel service should be restored to the MIOC and 2<sup>nd</sup> District Regional Dispatch Center by 3:00 am. All efforts will be made to minimize the outage duration for the MIOC and 2<sup>nd</sup> District Regional Dispatch Center outage.

The sequence of tower cutover from 6.9 to 7.9 will be distributed 1 week prior to the cutover.

Critical messages will be published on LEIN as required and consistent with previous upgrades.

Individual Event Talkgroups assignments will not be available for NCC's rapid deployment between Monday, March 21 @ 12:00 pm and Thursday, March 24 @ 4:00 pm. Instead, the NCC will turn on geographically designated talkgroups prior to the upgrade and the NCC will coordinate emergency assignments of the active Talkgroup.

If you have questions, you may contact:

- MPSCS Network Communications Center @ (517) 333-5050 or (888) 554-4622
- Dave Hayhurst, NCC Manager @ (517) 333-5002