MPSCS Bulletin # 2015 - 08

The MPSCS has begun replacement of the aging 800 MHz base stations and power systems within the MPSCS towers. This complex task involves:

- Removal of the large UPS and medium capacity -48vdc power system;
- Installation of a high-capacity -48vdc power system and inverters;
- Removal of the rack(s) with 800 MHz base stations, site controllers and network equipment;
- Installation of new Motorola GTR 800 MHz base stations, site controllers, frequency standards and network equipment;

Three teams of specially trained technical staff are being deployed to facilitate this work. This complex task will span several days at each tower site but impact to users will be limited to an outage of approximately 8 hours on a single day as noted below.

The teams have been scheduled to prevent two adjacent towers being removed from service at the same time to minimize disruption to MPSCS users. Every effort will be made to shorten the individual time required to re-tune the sites and complete the work effort for the MPSCS towers.

The scheduled outages for this notice are:

Site	AKA	County	Date	Weekday	Outage Time
6305	Lake	Clare	22-Sep	Tuesday	8:00 A.M. to 4 P.M.
6504	White Cloud	Newaygo	22-Sep	Tuesday	8:00 A.M. to 4 P.M.
5108	Kalamazoo Twp.	Van Buren	22-Sep	Tuesday	8:00 A.M. to 4 P.M.
6304	Harrison	Clare	24-Sep	Thursday	8:00 A.M. to 4 P.M.
6702	Stanton	Montcalm	24-Sep	Thursday	8:00 A.M. to 4 P.M.
5104	Vicksburg	Kalamazoo	24-Sep	Thursday	8:00 A.M. to 4 P.M.

During the 8 hour outage at a site:

- Mobile radios will typically roam to an adjacent tower and continue normal operation.
- Portable radios may experience a reduction in the coverage area surrounding a tower's outage if they cannot roam to an adjacent tower.
- Control stations at Dispatch Centers and offices should be "unlocked" (front panel button) if previously site locked to allow them to roam to an adjacent tower.
- The towers will be off the air and not placed in "Site Trunking" during this outage to allow radios to roam to adjacent towers.

<u>Please share this information with your staff and users of the system to minimize disruptions to your organizations</u>.

If you have an active emergency prior to the schedule outage time at a tower site, please contact the NCC and request they temporarily delay the field staff until the emergency has stabilized. If the site outage has started, they will not be able to return the site to service until the new equipment has been installed, aligned and tested.

The MPSCS NCC may be contacted at (888) 554-4622 or (517) 333-5050 if you have a question regarding the operation of the MPSCS.