Radio Project Status Report  
September 8, 2015

**Cutover:**  
Tentatively, cutover is planned for Sunday 10/18/2015. We are finalizing the script for the day’s events and will share it with all users soon. We expect to begin with law enforcement in the morning, then the EMS community, and finally the fire service by the end of the day.

Please understand that this date is tentative. If there are any changes, we will let you know as soon as possible.

**Microwave Connectivity:**  
We have the microwave system up and communicating at 20 sites. The work between Kingwood and Cherryville is slated for 9/15, and Bridgeton during the week of 9/21.

**Site Status:**  
Microwave work is scheduled to be completed at Kingwood and Cherryville during the week of 9/14, and Bridgeton during the week of 9/21.

All site inspections are completed with minor punch list items being resolved.

**Programming:**  
Programming has been completed at approximately over 95% of our agencies. If the technicians have not contacted your agency yet, they will shortly.

Important: If you plan to have another county programmed into your radios, Bucks County **must** program your radios first – please do not take the radios to another county to get programming until the county staff has completed the install of the new radio program.

Please note that the initial programming is set until cutover. We have started to collect a list of priority items that we will revisit after a successful cutover. The current priority items are as follows:

1. Voice prompts on the fire radios.
2. Timing and location of the buttons on the radios.
4. We have been given permission by Montgomery County to program their direct fireground channels into the portables. We provided Montgomery County with the same information for our fireground channels and they can program our fireground channels as they wish.

**Drive Testing:**  
Drive testing was completed in August. We saw the following results:

- **On Street Coverage** = 99.8%
- **In Building Coverage** = 98.12%
- For informational purposes, we also did some checks inside some building that are greater than 12 db of loss and found very good results in those structures. Motorola was contractually obligated to provide coverage inside of a standard 12 db loss building.
  - All in-county emergency rooms tested well.
  - All high schools tested well with the exception of Central Bucks East. We plan to go back to CB East to re-test now that Buckingham is on the air and optimized.
  - The district magistrates’ offices were successfully tested.
- As we have indicated above, these results are from buildings with greater than 12 db loss but we are pleased with the results so far.
If you are aware of a trouble spot in your area and would like to perform some tests of the new system in those areas, please contact the shift supervisor to notify them of the area that is being checked and tell them what channel you plan to test so we can monitor your transmissions. Please note, Bridgeton and Kingwood are not yet officially on the air so those areas should not be checked until the county advises you of such.

**Paging:**
The team that is optimizing the paging program is in town and is bringing the paging system online.

**Training:**
Training was conducted in August for all system users (Police, Fire and EMS). If there are any departments that still need training please contact Fred Blunt at fcblunt@buckscounty.org

The county recorded one session of police training and one session of Fire/EMS training. We are establishing an FTP site to share the training videos with the emergency services community and will send DVDs out to all agencies with the training videos for future users. As always one of the best ways to train is to open your radios, charge them and handle them. Each department that attended the training has been e-mailed the PowerPoints from the presentations and they have been made available on the County project website as well. Go through the PowerPoints and check some of the functions on your radios. Please feel free to download a copy of the presentations if desired. Any questions please call the supervisor in the radio room.