

NEW SOMERSET COUNTY PUBLIC SAFETY RADIO PROJECT REPORT

December 1, 2015

- **Weekly Radio Project Conference Calls are conducted every Tuesday at 1000 Hrs. In person Radio Project Meetings are held the 1st Tuesday of each month at 0900 Hrs. in the EMA Conference Room. To date, we have had 84 Weekly Radio Project Conference Calls. County Staff meets bi-weekly with the County Commissioners to share progress reports and immediately address any pending "Change Orders".**
- **Fleet Map/Talk Group development by 911 Staff with the assistance of Motorola was completed on March 10, 2015.**
- **The FCC granted the new 800 MHz License to the County of Somerset for the new 800 MHz System on March 24, 2015. The FCC has approved and issued the County of Somerset New Microwave Licenses.**
- **Testing of all Infrastructure Equipment by County Officials was conducted at Motorola's Headquarters in Schaumburg, IL on June 2 - 4, 2014.**
- **The first phase of new equipment installation for the 911 Center was completed on August 4, 2014 with the installation of 2 new UPS Units.**
- **The installation of the remainder of the new equipment for the 911 Center, including New Communications Consoles and Equipment Racks began on March 12, 2015, including the new Microwave Dish on March 21, 2015. The installation of the new Logger/Recorder was completed on December 8, 2014.**
- **The New Somerset County Public Safety Radio System will utilize 6 Tower Sites: Somerset, Roaring Run, Statler Hill, Ryot, Mt Davis (State Site) and Hyndman (State Site in Bedford County). Please note that the New County Public Safety Radio System will not be using the County's existing Tower Sites at Richland Twp. and Mt. Davis. The Low Band Fire and EMS Radios currently at the County's Mt. Davis Tower will be relocated to the State owned Mt. Davis Tower.**
- **The installation of the new Radio Shelter Buildings for the County Owned Tower Sites (Somerset, Statler Hill and Ryot) were completed on Nov. 19 - 21, 2014. All new Radio Shelters have self-contained Emergency Generators**

included. New antennas and microwave dishes have been installed at all locations. A New Emergency Generator has been installed at the Roaring Run Site, along with the new Equipment Racks in the existing radio shelter. All the other new Equipment Racks have been installed in the new Radio Shelters at all the County-owned Towers, as well as all the other site work. All County Owned Tower Sites are fully operational for Grid Testing beginning August 10, 2015.

- Work is complete with the State Radio Project Office (SRND), Motorola, and Staley for the completion of the site work at the State Radio Towers at Mt. Davis and Hyndman. The new Radio Shelter Buildings for both sites, along with Antennas and Microwave Dishes have been installed. The County and the State Radio Project Office (SRND) will share Microwave Systems between the Hyndman and Mt. Davis State Towers, as well as interoperability between the new County Radio System and the State Radio Project via the Region 13 ESINet System.

- Connection to the ICORRS Switch at Westmoreland County 911 in Greensburg via the Region 13 ESINet System has been completed. As part of the Region 13 ESINet System Fiber will be installed between the Somerset Rt. 31 Tower and the EMA/911 Bldg. with the scheduled competition date being August 31, 2015.

- Control Stations installation by Staley's for the Public Safety Agencies began on February 4, 2015 and was completed on March 31, 2015.

- All Subscriber Mobile Equipment has been programmed by Staley's Greensburg Shop, with installations for the EMS Mobiles completed on April 1, 2015. The installation of the Police Mobiles began on April 6, 2015 and was completed on April 30, 2015. The installation of the Fire Mobiles began on May 4, 2015 and was completed on July 1, 2015. The County will be responsible for the programming and distribution of the new Portable Radios to all County Public Safety Agencies, along with training was held on Sept. 14, 2015. *Please note that all Mobiles, Portables, and Control Stations must have the "County Authorization Key" before operating on the New County Public Safety Radio System. Any Fire or EMS Dept. Member wishing to purchase a radio for personal use on the New Radio System must have a signed letter of authorization from the department that they are a member of.*

- Motorola conducted Grid Testing to assure 95% Portable In the Street Coverage for the New County Public Safety Radio System August 10 - 18, 2015. System Administrator Training was held on August 3 - 7, 2015, and Dispatcher Training was conducted on Sept 9 - 10, 2015. Motorola has completed Grid Testing for the new Fayette County Digital 800 MHz System and it performed at 97% Portable In the Street Coverage for Fayette County. Both new radio systems

will benefit the First Responders in both Counties, especially along the Fayette/Somerset County Line.

- There will be no change in Public Safety Alerting/Paging through December 31, 2015. Once the New Public Safety Radio System is complete and our current alerting/paging equipment reaches its end of life, we will begin replacing our current Low Band Alerting Transmitters and transition all the County Fire and EMS agencies to a common VHF High Band Paging Channel as part of a long term plan. The cost of the new pagers will be the sole responsibility of each Public Safety Agency.

- As of this date, the project is on schedule and all work is to be completed by December, 2015. The official In-Service Date for the County Police Depts. was Monday, Sept. 21, 2015, and the official In-Service Date for the County Fire and EMS Depts. was Monday, November 16, 2015.

All Questions or concerns should be directed to:

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