

Revised 9/23/2020

All South Brunswick Township Radio Users,

We are approaching the point in our Radio System Upgrade Project to do the final switchover to the Middlesex County P25 Radio System. First, let me thank everyone for working with us and understanding that this is a very large project with many parts to it.

The new date for the switchover is October 5th. This date could change, but we will keep everyone informed if there are any changes. We will also give users an exact time when to switchover their equipment once we get near the switchover date.

Between now and the switchover date, we are asking that all users of the radio system to please check that their equipment has been programmed for the County system and that the radio operates correctly on the County system. Please complete this check and get back to Data Processing as soon as possible with any problems found.

How to check for County programming & operation:

Portable Users:

Switch the SYSTEM knob located on the top of the radio to the system that starts with the letter "C" for County, Example "CSYS1", "CSBPD", "CSBFS" Etc. Please contact Data Processing if your radio does not show a County system and schedule to have it programmed. Once you are on the County system you should see the display showing that it is Registering. This is a normal function on the P25 system. All units must be validated before they are allowed to use the system. If your radio does not REGISTER or shows INVALID ID please contact Data Processing and schedule to have your portable checked. If your unit registers correctly, you should be able to use the Up and Down arrows to change groups. While on the County system, please check that you have the necessary groups and that you are able to communicate with other users on your normal groups used. After the test, please remember to switch your radio back to our system so you do not miss transmissions.

(Note: Fire radios use the Up and Down arrows for SYSTEM and the top Knob for Groups)

Mobile Users:

Switch the SYSTEM knob located on the front of the radio to the system that starts with the letter "C" for County, Example "CSYS1", "CSBPD", "CSBFS" Etc. Please contact Data Processing if your radio does not show a County system and schedule to have it programmed. Once you are on the County system you should see the display showing that it is Registering. This is a normal function on the P25 system. All units must be validated before they are allowed to use the system. If your radio does not REGISTER or shows INVALID ID please contact Data Processing and schedule to have your mobile checked. If your unit registers correctly, you should be able to use the Up and Down arrows to change groups. Please check that you have the necessary groups and that you are able to communicate with other users on your normal groups used. After the test, please remember to switch your radio back to our system so you do not miss transmissions.

(Note: Fire radios use the Up and Down arrows for SYSTEM and the front Knob for Groups)

General Information about the County System:

- The radio will need to REGISTER every time a new group is selected.
- Mobiles and portables will be able to operate around the whole County.
- Audio will be different from the analog EDACS system that we currently use. The P25 system is a full digital system and the audio will have a different sound to it.
- Transmit audio is delayed in the radios receiving the transmission, because of this, receiving radios that are near the transmitting radio might need to turn down their volume controls to avoid an echoing effect.
- Individual calls will be available but should only be used when absolutely necessary.
- Just like any radio system, transmissions should be as short as possible and there should be no use of profanity or obscenity.
- The County system does record all transmissions, please keep all transmission to a professional and business-like manner.

- After the switch to the County system, radios will need to be reprogrammed for powerup on the County system. This process will take some time and will be scheduled by Data Processing. Until reprogramming is complete, users must make sure to switch their radios to the County system upon power up.

Please contact Data Processing if you have any questions or need additional information.

Thanks,
Ron Hoffman