



# Western Berks Fire Department Training Bulletin

## High Band – 700 mHz Radios

Training Bulletin #: 007-13

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Issued: 07/19/13

Version: 1.0

### Purpose Statement

This training bulletin has been developed to provide information on the recent upgrade of the High Band – 700 mHz radios.

### Scope Statement

This training bulletin applies to all members and employees of the Western Berks Fire Department.

### Background

A part of the County of Berks' comprehensive public safety radio system upgrade, new radios have/are being installed in all department apparatus. These radios are capable of transmitting and receiving over high band and 700 mHz (once the infrastructure is installed).

### Available Frequencies

There are a number of frequencies available which are group by banks (or zones). The following chart reflects the frequencies and zones programmed in the radios.

SC	Zone 1	SC	Zone 2	SC	Zone 3	SC	700 Tac	SC	Maint
X	Zone 4 F1	X	SS		PD1				
X	Zone 4 F2	X	LH RPT		PD2				
X	Zone 4 F3		LH DIR		PD3		R		R
X	Zone 4 F4	X	SHT		National		E		E
X	Zone 4 F5	X	WER		Car-Car		S		S
X	EMS 295		Bern		Base 1		E		E
	EMS 220		Blue Marsh		KGI		R		R
	EMS 160		Spring		Spring NRA		V		V
	EMS 340		Fire PD		Berks Heim		E		E
	EMS 340 MCI		Shillington		Weather 1		D		D
	VCALL 10		West Rdg		Weather 2				
	VTAC 11		City Fire		District 17				
	VTAC 12		Lebanon Fire		Air-Ground				
	VTAC 13		WBAA		Flint RPT				
	VTAC 14		WBAA RPT		Welsh RPT				
X	Dispatch		WBAA TAC1						

SC X INDICATES INCLUDED IN SCAN LIST

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## Radio Operations



The photo above shows the default setup of the radios after they are powered on.

When the radio is in scan mode there will be a "Z" shown on the top line of the display. To change the scan mode, press the "SCAN" button.

To change to another channel, simply rotate the "Mode" knob until the channel is selected.

To change to another channel in another zone, change the zone by using the up and down "Navigation" button, and then rotate the "Mode" knob until the channel is selected.

To return to the home channel (Zone 4 F1) press and hold the "Home" button.

### Nuisance Mode

If a particular frequency has excessive radio traffic or interference, there is a "NUIS" button that can be used to temporarily lock out this frequency. To restore the frequency, simply take the radio off scan and then back on scan and the frequency will be restored.

There are many other features available in this radio which are beyond the scope of this document, some of which will be made available once the 700 MHz system is brought on-line. A copy of the user manual will be kept at each station for reference.

Please take some time to familiarize yourself with the operation of the radio.