



# Field Software Notice

FSN-0509-PCC-03  
May 22, 2009

To: **Users of PC Configure**  
Subject: **Software Release**

Platform: **5100ES and 5300ES**  
 Protocol: **All**  
 Version Release #: **2.12.6 (CD Kit Part Number: 023-9998-527-2126)**  
 Supersedes Version#: **2.10.2**  
 Effective Release: **05/04/09**

<i>Revision Information:</i>	<i>Version</i>	<i>Part Number</i>
Corresponding PC Configure Version:	2.10.2 ⇔ 2.12.6	039-5754-217
Corresponding PC Tune Version:	3.0.14 ⇔ 3.0.17	039-5697-220
Corresponding SMA Version:	1.2.7 (no change)	039-5730-202
Corresponding RFX Version:	1.0.10 → 1.0.13	039-5769-203

## New Features / Enhancements

### ➤ Radio Wide:

#### **Function Recall (portable only)**

- Enables user to check what function is assigned to each button (except Emergency button if emergency function is programmed)
- “Function Recall” is added to the PC Configure Menu and Button options for all protocols

#### **Lightning™ Control Head Support**

- Soft Menu Labels
  - Programmed and customized in PC Configure Radio Wide Screen for all protocols

#### **Lock Channel Indicator (Mobile Only)**

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- When enabled, the channel number on the right of the display shows the number of the selected channel, but the alphanumeric display will show the alias of the active channel – i.e. it will normally show the selected channel alias, but will change when a scanned call is received
- Programmed on the PC Configure Global screen, second page

## **54 Channels / 16 Zones:**

- Provides ability to change zones with the top selector and change zones with the up/down rocker switch
- Requires 864 Channel Option to be set with PC Issue
- Programming is required on the PC Configure™ Global screen, second page

## ➤ **P25 Trunking:**

### **OTAP**

- Programmed on second page of P25 Trunking Per Systems tab
- Functionally equivalent to Conventional OTAP

### **Individual Talkgroup Security Settings**

- Enables Talkgroup security settings on the PC Configure P25 Trunking Talkgroup List to be overridden
- Allows customer to use multiple encryption keys on the same talkgroup
- Enabled and programmed on the PC Configure P25 Trunking Zone screen

### **Display Received Key ID**

- Enables display of the encryption Key ID or Key Alias (if programmed), when a secure call is received
- Programmed on the PC Configure Radio Wide page under “Display Options”

## ➤ **SN/SZ:**

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## **Conventional:**

### **Out of Range Indication**

- Tone, Display or both can be selected
- Time interval programmable from 5 to 1280 seconds in 5 second increments
- Requires the repeater to transmit a “Beacon” at regular intervals so the radio knows when it is out of range (currently only provided by EFJ infrastructure)
- Programmed on PC Configure Conventional Radio Wide screen

### **Talkgroup Scan**

- Enables scanning of P25 conventional talkgroups on a single channel
- Can be programmed to transmit on Active or Selected Talkgroup
- Scan types added to conventional System Scan List, Scan Mode menu in PCC conventional Per System screen
- Radio will decode analog transmissions on channel if channel is programmed for Mixed Mode operation

### **Automatic Registration (P25 Conventional - EFJ infrastructure only)**

- When enabled, the radio will register to a talkgroup whenever it changes sites, or comes back in range of a site
- Enables radio location to be tracked on a site by site basis, similar to trunking
- Requires programming on the PC Configure conventional Per System screen, second page – “EFJ Affiliation”

### **MDC1200 Inhibit / Uninhibit**

- Supports the MDC Inhibit and Uninhibit commands
- Inhibit checkbox on PCConfigure Conventional Per System page must be enabled.

### **Disable Call Guard (PL)**

- Activating this feature causes the radio to ignore CTCSS/DCS in analog mode and NAC/TG in digital mode, enabling the user to hear all traffic on the frequency (differs from “Monitor” in that receive audio is muted unless the frequency is active).
- This can be programmed as a button or menu item on the Conventional Radio Wide page

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