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

Revision Information:

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<th>Corresponding PC Configure Version:</th>
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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)**

For Questions regarding this Service Bulletin, please contact EFJohnson at 1-800-328-3911 press 3

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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:**
  - **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”

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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

Display Received Key ID

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• 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”