Field Software Notice

To: **Users of 5100, 51SL and Ascend Portable Radios**
Subject: **Software Release**

Platform: **5100 Portable Series 4**
Protocol: **All**
Version Release #:   **4.14.3** (Part Number**: 039-5764-205)**
Supersedes Version#:   **4.12.5**
Effective Release: **08/14/08**
Express Code Updater: **CD Kit 023-9998-530-205**

Minimum Requirements:	*Version*	*Part Number*
Corresponding DSP Version:	4.13.1	Embedded in flash
Corresponding ROM Boot Version:	4.4	Embedded in ECU
Corresponding RAM Download Version:	1.0 (no change)	Embedded in PC Configure
Corresponding PC Configure Version:	2.8.4 ⇨ 2.10.1	039-5754-211
Corresponding PC Tune Version:	3.0.13 ⇨ 3.0.14	039-5697-219
Corresponding SMA Version:	1.2.7 (no change)	039-5730-202
Corresponding SEM Version:	3.4 (no change)	039-5711-205

Feature Enhancements

➢ **P25 Trunking:**

- Corrected emergency retry failure for simultaneous PTT/Emergency events
- Delay for transmitting inserted to wait until after Talk Permit Tone is completed
- Modified operation of Auto Site Search function to allow users to cycle through the "best sites" in the site ranking list

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➢ **SMARTNET®/SmartZone®:**

- Delay for transmitting inserted to wait until after Talk Permit Tone is completed
- Modified operation of Auto Site Search function to allow users to cycle through the "best sites" in the site ranking list

➢ **Conventional:**

- None

➢ **Multi-Net®:**

- Allow microphone level settings to be adjusted in the same manner as is allowed on other protocols
- Expand radio roaming diagnostic mode to support Multi-Net protocol

➢ **General Improvements:**

- Utilizes a soft reset of the radio after a parameter backup reload if the primary parameter file is corrupted
- RF Signal Level Icon added for trunking systems to allow user to easily see a graphical representation of the receive station
- Icon added to differentiate RWS edit modes