

Field Software Notice

To: **Users of 5300, 53SL and Ascend Mobile Radios**
Subject: **Software Release**

Platform: **5300 Mobile Series 4**
Protocol: **All**
Version Release #: **4.14.3 (Part Number: 039-5767-206)**
Supersedes Version#: **4.12.5**
Effective Release: **08/14/08**
Express Code Updater: **CD Kit 023-9998-532-206**

<i>Minimum Requirements:</i>	<i>Version</i>	<i>Part Number</i>
Corresponding DSP Version:	4.13.1	Embedded in flash
Corresponding ROM Boot Version:	4.2	Embedded in ECU
Corresponding RAM Download Version:	1.4 (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
- Changed emergency Hot Mic Timer settings to a 1-step process rather than a 2-step emergency declaration by no longer requiring a PTT press
- Allowed a mobile data peripheral to connect to a 5300 and send IP packet data to the system through the radio

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➤ **SMARTNET®/SmartZone®:**

- Delay for transmitting inserted to wait until after Talk Permit Tone has completed
- Modified operation of Auto Site Search function to allow users to cycle through the “best sites” in the site ranking list
- Timer multiplier changed from 10 second increments to 1 second increments

➤ **Conventional:**

- None

➤ **Multi-Net®:**

- Allowed microphone level settings to be adjusted in the same manner as is allowed on other protocols
- Expanded 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
- Icon added to differentiate RWS edit modes
- Aux B option added to mirror the External PA
- Maximum power down timer setting extended to 8+ hours
- Audible beep can be programmed to be heard when the select knob is pressed or rotated
- Console command library created to make it easier to set up a radio for console use
- Mobile radio soft power down option created to eliminate the possibility of accidentally turning radio off in situations where the user may unintentionally press the volume knob down