

Field Software Notice

To: **Users of 5300X Mobile Radios**
Subject: **Software Release**

Platform: **5300X Mobile**
Protocol: **All**
Version Release #: **4.12.2 (Part Number: 039-5726-224)**
Supersedes Version#: **4.10.10**
Effective Release: **02/04/08**

<i>Minimum Requirements:</i>	<i>Version</i>	<i>Part Number</i>
Corresponding DSP Version:	4.12.2	Embedded in flash
Corresponding ROM Boot Version:	4.3 (no change)	039-5723-202
Corresponding RAM Download Version:	6.2	Embedded in PC Configure
Corresponding PC Configure Version:	2.6.9 ⇔ 2.8.2	039-5754-209
Corresponding PC Tune Version:	3.0.8 ⇔ 3.0.9	039-5697-217
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:**

- Limits programming of a specific talk group to one site only. This will make the unit act as though the radio is site locked on a specific site and display out of range (OOR) if it is unable to connect to the site.
- Retains the last known good site in which the announcement group was associated

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➤ **SN/SZ:**

- Allows the customer to have multiple systems with the same System ID without clearing the dynamic site array when changing from one system to another
- Sends out Outbound Signaling Word (OSW) to radios on a SMARTNET/SmartZone system

➤ **Conventional:**

- Allows users to receive text messages

➤ **Multi-Net:**

- Allows a dispatcher to choose to allow users to override the Multi-Net TX inhibit while receiving
- Provides compatibility with other protocols within the radio
- Allows for the rebanded Ascend radios to access Multi-Net channel numbers above channel 559 (862 mHz)
- Channels will be 25 kHz spaced, 5 kHz deviation channels

➤ **General Improvements:**

- Allows the radio to have one set of thresholds to roam efficiently in both rural and urban environments
- Improves the performance with regards to upload and download time by streamlining the protocol
- Allows a programmable global Radio ID to be displayed during power up sequence
- Allows for auto incrementing of Unit ID's when the Unit ID is the only thing that is being changed during the upgrading of radios
- Has a Stop button for stopping downloads in progress
- Allow a user to select to cutoff or reduce the high frequencies (background noise) from 2.7 kHz and up (analog only)
- Allows the user the option of having or removing the Zone and Channel Indicators for the mobile products