

### Subpart E—Equipment Requirements

#### § 10.500 General requirements.

CMAS mobile device functionality is dependent on the capabilities of a Participating CMS Provider's delivery technologies. Mobile devices are required to perform the following functions:

- (a) Authentication of interactions with CMS Provider infrastructure.
- (b) Monitoring for Alert Messages.
- (c) Maintaining subscriber alert opt-out selections, if any.
- (d) Maintaining subscriber alert language preferences, if any.
- (e) Extraction of alert content in English or the subscriber's preferred language, if applicable.
- (f) Presentation of alert content to the device, consistent with subscriber opt-out selections. Presidential Alerts must always be presented.
- (g) Detection and suppression of presentation of duplicate alerts.

#### § 10.510 Call preemption prohibition.

Devices marketed for public use under part 10 must not enable an Alert Message to preempt an active voice or data session.

#### § 10.520 Common audio attention signal.

A Participating CMS Provider and equipment manufacturers may only market devices for public use under part 10 that include an audio attention signal that meets the requirements of this section.

- (a) The audio attention signal must have a temporal pattern of one long tone of two (2) seconds, followed by two short tones of one (1) second each, with a half (0.5) second interval between each tone. The entire sequence must be repeated twice with a half (0.5) second interval between each repetition.
- (b) For devices that have polyphonic capabilities, the audio attention signal must consist of the fundamental frequencies of 853 Hz and 960 Hz transmitted simultaneously.
- (c) For devices with only a monophonic capability, the audio attention signal must be 960 Hz.

(d) The audio attention signal must be restricted to use for Alert Messages under part 10.

(e) A device may include the capability to mute the audio attention signal.

#### § 10.530 Common vibration cadence.

A Participating CMS Provider and equipment manufacturers may only market devices for public use under part 10 that include a vibration cadence capability that meets the requirements of this section.

- (a) The vibration cadence must have a temporal pattern of one long vibration of two (2) seconds, followed by two short vibrations of one (1) second each, with a half (0.5) second interval between each vibration. The entire sequence must be repeated twice with a half (0.5) second interval between each repetition.
- (b) The vibration cadence must be restricted to use for Alert Messages under part 10.
- (c) A device may include the capability to mute the vibration cadence.

#### § 10.540 Attestation requirement. [Reserved]

## PART 11—EMERGENCY ALERT SYSTEM (EAS)

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