

§ 10.330

47 CFR Ch. I (10–1–11 Edition)

processed before all non-Presidential alerts.

(4) Distribution. A Participating CMS provider must deploy one or more CMS provider gateways to support distribution of Alert Messages and to manage Alert Message traffic.

(5) Retransmission. The CMS provider gateway must manage and execute Alert Message retransmission, and support a mechanism to manage congestion within the CMS provider's infrastructure.

(f) *CMS provider profile*. The CMS provider gateway will provide profile information on the CMS provider for the Federal alert gateway to maintain at

the Federal alert gateway. This profile information must be provided by an authorized CMS provider representative to the Federal alert gateway administrator. The profile information must include the data listed in Table 10.320(f) and must comply with the following procedures:

(1) The information must be provided 30 days in advance of the date when the CMS provider begins to transmit CMAS alerts.

(2) Updates of any CMS provider profiles must be provided in writing at least 30 days in advance of the effective change date.

TABLE 10.320(f)—CMSP PROFILE ON FEDERAL ALERT GATEWAY

Profile parameter	Parameter election	Description
CMSP Name	Unique identification of CMSP.
CMSP gateway Address	IP address or Domain Name. Alternate IP address	Optional and subject to implementation.
Geo-Location Filtering	<yes/no>	If "yes" the only CMAM issued in the listed states will be sent to the CMSP gateway. If "no", all CMAM will be sent to the CMSP gateway.
If yes, list of states	CMAC Geocode for state	List can be state name or abbreviated state name.

§ 10.330 Provider infrastructure requirements.

This section specifies the general functions that a Participating CMS Provider is required to perform within their infrastructure. Infrastructure functions are dependent upon the capabilities of the delivery technologies implemented by a Participating CMS Provider.

(a) Distribution of Alert Messages to mobile devices.

(b) Authentication of interactions with mobile devices.

(c) Reference Points D & E. Reference Point D is the interface between a CMS Provider gateway and its infrastructure. Reference Point E is the interface between a provider's infrastructure and mobile devices including air interfaces. Reference Points D and E protocols are defined and controlled by each Participating CMS Provider.

§ 10.340 Digital television transmission towers retransmission capability.

Licensees and permittees of non-commercial educational broadcast television stations (NCE) or public broadcast television stations (to the extent

such stations fall within the scope of those terms as defined in section 397(6) of the Communications Act of 1934 (47 U.S.C. 397(6))) are required to install on, or as part of, any broadcast television digital signal transmitter, equipment to enable the distribution of geographically targeted alerts by commercial mobile service providers that have elected to transmit CMAS alerts. Such equipment and technologies must have the capability of allowing licensees and permittees of NCE and public broadcast television stations to receive CMAS alerts from the Alert Gateway over an alternate, secure interface and then to transmit such CMAS alerts to CMS Provider Gateways of participating CMS providers. This equipment must be installed no later than eighteen months from the date of receipt of funding permitted under section 606(b) of the WARN Act or 18 months from the effective date of these rules, whichever is later.

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§ 10.350 CMAS Testing requirements.

This section specifies the testing that will be required, no later than the