



ATIS-0700050

ATIS Standard on -

**Wireless Emergency Alert (WEA) 3.0 Operational Considerations
for Commercial Mobile Service Providers (CMSPs)**



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Wireless Emergency Alert (WEA) 3.0 Operational Considerations for Commercial Mobile Service Providers (CMSPs)

Alliance for Telecommunications Industry Solutions

Approved December 6, 2021

Abstract

This Standards contains information pertinent to the operations performed in the CMSP network to support Alerts for WEA 3.0.

Foreword

The Alliance for Telecommunication Industry Solutions (ATIS) serves the public through improved understanding between carriers, customers, and manufacturers. The Wireless Technologies and Systems Committee (WTSC) develops and recommends standards and technical reports related to wireless and/or mobile services and systems, including service descriptions and wireless technologies. WTSC develops and recommends positions on related subjects under consideration in other North American, regional, and international standards bodies.

The mandatory requirements are designated by the word shall and recommendations by the word should. Where both a mandatory requirement and a recommendation are specified for the same criterion, the recommendation represents a goal currently identifiable as having distinct compatibility or performance advantages. The word may denotes an optional capability that could augment the standard. The standard is fully functional without the incorporation of this optional capability.

Suggestions for improvement of this document are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, WTSC, 1200 G Street NW, Suite 500, Washington, DC 20005.

At the time of consensus on this document, WTSC, which was responsible for its development, had the following leadership:

- M. Younge, WTSC Chair (T-Mobile USA)
- D. Zelmer, WTSC Vice Chair (AT&T)
- Terri Brooks, WTSC SN Chair and Technical Editor (T-Mobile USA)
- Peter Musgrove, WTSC SN Vice Chair (AT&T)

The Systems & Networks (SN) subcommittee was responsible for the development of this document.

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Preface

This ATIS document is created for the purpose of presenting information with regard to broadcast channel and core network impacts, device impacts, user experience impact, and other considerations related to the configurable operational settings within the Commercial Mobile Service Provider (CMSP) networks.

The use of the term WEA in this specification refers to WEA 3.0, unless otherwise indicated.

The WEA regulatory background is described in detail in the Service Description in ATIS-0700035 [Ref 100].

1 Scope, Purpose, & Application

1.1 Scope

This document contains information which may be of use to CMSPs with regard to their deployment and configurable settings for WEA 3.0.

This document is meant for information only. It contains no requirements.

1.2 Purpose

The purpose of this document is to assist CMSPs by providing descriptions of some configurable operational settings discussed during the creation of the published specifications establishing the WEA 3.0 requirements. This document also provides examples of possible impacts to the network, device and user in relation to variations of CMSP policy and configurable settings, with the intent to assist the CMSP when configuring flexible operational settings.

1.3 Application

This document is applicable to Participating CMSPs.

2 References

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

2.1 Normative References

[Ref 1] ATIS-0700036, *Wireless Emergency Alert (WEA) 3.0 Mobile Device Behavior (MDB) Specification*¹

[Ref 2] ATIS-0700041, *Wireless Emergency Alert (WEA) 3.0 Device-Based Geo-Fencing (DBGF)*¹

¹ This document is available from the Alliance for Telecommunications Industry Solutions (ATIS) at: < www.atis.org >