ATIS-0700043

ATIS Standard on -

Wireless Emergency Alert (WEA) 3.0 via 5G Public Warning System Specification

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Alliance for Telecommunications Industry Solutions

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Abstract

This Standard describes the use of the 5G System (5GS) Public Warning System (PWS) for the broadcast of Wireless Emergency Alert (WEA) 3.0 messages and includes the mapping of WEA 3.0 application level messages to the Cell Broadcast Center Function (CBCF) message structure as used within the 5GS.

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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:

D. Zelmer, WTSC Chair (AT&T)

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P. Musgrove, WTSC SN Chair (AT&T)

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P. Sanders, Technical Editor (one2many)

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

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