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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 32634-2025

Replacing GB/T 32634-2016

**Technical requirements of short message service for public
warning**

公共预警短消息业务技术要求

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 32634-2016 "Technical Requirements for Public Early Warning Short Message Services". Compared with GB/T 32634-2016, except for... Aside from structural adjustments and editorial changes, the main technical changes are as follows:

---Specific technical specifications for deleting point-to-point SMS and cell broadcast SMS (see sections

6.3 of the.2016 edition);

---The specific technical specifications for point-to-point SMS and cell broadcast SMS have been changed to general business requirements (see Chapters 7 and 8). (2016 edition,

---Public mobile communication networks have added the requirement to send public early warning SMS messages based on network capabilities (see Chapter 7);

---The security requirement has been removed (see

6.4 in the.2016 version);

---Appendices A through D have been deleted (see Appendix A through D in the.2016 edition). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the Ministry of Industry and Information Technology of the People's Republic of China. The release history of this document and the document it replaces is as follows:

---First published in.2016 as GB/T 32634-2016;

---This is the first revision. Technical Requirements for Public Early Warning Short Message Service

1 Scope

GB 32634-2025 is the Chinese national standard on technical requirements of short message service for public warning, in the field of telecommunications and audio-video engineering. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 31 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2026. Classification: ICS 33.030, CCS M21. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the general requirements, business process requirements, public early warning information release platform requirements, and public mobile early warning SMS service requirements. Requirements for mobile communication networks and requirements for mobile communication terminals for public users. This document applies to the implementation of public early warning short message services.

2 Normative references

This document does not contain any normative references.

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 To reduce the damage caused by public emergencies, government departments publicly release details of public emergencies and response measures. information.

3.2 A platform authorized by government departments to release public early warning information.

3.3 Short messages sent via public mobile communication networks to disseminate public early warning information.

4.Overall Business Requirements The general requirements for public early warning SMS services are as follows:

a) Early warning systems for the following four types of public emergencies should be

supported.

---Natural disasters. mainly include floods and droughts, meteorological disasters, earthquakes, geological disasters, marine disasters, biological disasters, and forest disasters. Grassland fires, etc.;

---Accidents and disasters. mainly including various safety accidents in industrial, mining, and commercial enterprises, transportation accidents, and accidents involving public facilities and equipment. Therefore, environmental pollution and ecological damage incidents, etc.;

---Public health emergencies. mainly include infectious disease outbreaks, outbreaks of unexplained illnesses in groups, food safety and occupational hazards, and animal diseases. Situations, and other events that seriously affect public health and safety;

---Social security incidents. mainly include terrorist attacks, economic security incidents, and foreign-related emergencies.

b) Four levels of early warning should be supported. Level I (particularly serious), Level II (serious), Level III (relatively serious), and Level IV (general).

c) Warning information should at least be supported in Chinese and English.