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

GB/T 46528-2025

**International logistics supply chain system - Dry bulk logistics
status monitoring information exchange requirements**

国际物流供应链系统 干散货物流状态监测信息交换要求

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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. 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 by the National Technical Committee on Standardization of Intelligent Transportation Systems (SAC/TC268). This document was prepared by the National Technical Committee on Standardization of Intelligent Transportation Systems (SAC/TC268) and the National Technical Committee on Standardization of Logistics Information Management. It is jointly managed by the committee (SAC/TC267). This document was drafted by: China Transport Telecommunications Information Center, Highway Research Institute of the Ministry of Transport, and COSCO Shipping Logistics Supply Chain Co., Ltd. The company, Beijing Guojiao Xintong Technology Development Co., Ltd., Hebei Port Group Co., Ltd., Feiyou Technology Co., Ltd., and Yunyitong Technology Co., Ltd. The company, ZTE Corporation, and Hainan Logistics Group Data Industry Development Co., Ltd. The main drafters of this document are. Sun Tengda, Gao Xiaoyun, Wang Dingping, Xue Yuanyuan, Yuan Yuan, Wang Dacheng, Wang Xinzh, Yuan Shuai, Chen Jian, and Yang Pengnan. Hou Guibin, Yang Xue, Liu Haifeng, Cong Wei, Ma Huijuan, Ye Jing, Li Xu. International logistics supply chain system dry bulk cargo logistics status Monitoring information exchange requirements

1 Scope

GB/T 46528-2025 is the Chinese national standard covering the status messages that follow a dry bulk cargo - the loading and discharge events, the quantity and quality readings, the vessel and terminal identifiers, and the exchange format that lets shipper,

carrier and receiver see the same cargo. First edition, with GB/T 46529-2025 on dispatch information. In force from 1 May 2026. Issued on 31 October 2025, it has been in force since 1 May 2026.

This document specifies the general rules, overall architecture, information items, and communication methods for information exchange related to the monitoring of dry bulk cargo logistics status in international logistics supply chains. interface. This document applies to the exchange and application of dry bulk cargo logistics status monitoring information in international logistics supply chain systems.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 2659.1 Codes for the Names of Countries and Regions and Their Administrative Divisions Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 dry bulk Powdered or granular goods with a tendency to flow. [Source: GB/T 1992-2023, 7.4.1]

3.2 Provides services including international logistics supply chain transportation supply and demand matching, dispatching and command, cargo tracking, information inquiry, monitoring and analysis, forecasting and early warning, and data exchange. Application information systems that provide services such as... [Source: GB/T 46529-2025, 3.1]

4.Abbreviations The following abbreviations apply to this document.