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

GB/T 17271-2023

Replacing GB/T 17271-1998

Terminology for container transport

集装箱运输术语

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents" drafting: This document replaces GB/T 17271-1998 "Container Transport Terminology": Compared with GB/T 17271-1998, except for structural adjustment and compilation In addition to editorial changes, the main technical changes are as follows:

- a) Deleted "multi-purpose terminal", "container combined transport", "combined transport operator", "non-vessel (vehicle) common carrier", "packer", "unpacker", "container-capable Cargo", "Turnover Box", "Leasing Box", "Container List", "Dangerous Goods List", "Reefer Container List", "Special Container List", "Waterway Container cargo waybill", "railway container cargo waybill", "railway container outbound bill", "vehicle container waybill", "container stowage Figure "Terms of "cars, trains, barges, container loading and unloading fees in ports", "container usage fees", "vehicle space utilization rate" (see:1998 edition 3:1:2:1, 3:2:1:4, 3:2:2:3, 3:2:2:8, 3:2:2:10, 3:2:2:11, 3:2:4:1, 3:2:4:5, 3:2:4:6, 3:4:8~3:4:15, 3:4:17, 3:5:5, 3:5:10, 3:6:29);
- b) Changed "container terminal", "railway container handling station", "container semi-trailer", "railway container special flat car" and "container transportation station": Trunk line", "container transport branch line", "multimodal transport operator", "carrier", "actual carrier", "natural container", "container average Turnaround time" definition (see 3:2:1, 3:3:10, 3:4:5, 3:4:10, 4:1:1:1, 4:1:1:2, 4:2:3, 4:2:5, 4:2:6, 4:4:4, 8:34, 3:1:2:2, 3:1:3:10, 3:1:4:3, 3:1:4:5, 3:2:1:1:1, 3:2:1:1:2, 3:2:2:4, 3:2:2:6, 1998 edition 3:2:2:7, 3:2:4:7, 3:6:34);
- c) Changed "container telescopic spreader", "container fixed spreader", "container powered spreader", "container non-powered spreader", "container spreader" The English equivalents of "box combination spreader" (see 3:6:1, 3:6:2, 3:6:3, 3:6:4, 3:6:5, 3:1:6:1, 3:1:6:2, 1998 edition 3:1:6:3, 3:1:6:4, 3:1:6:5);
- d) Changed the term "yard" to "container yard" and the term "refrigerated container yard" to "refrigerated container yard", "dangerous goods The term "container yard" is changed to

"dangerous goods container yard", the term "railway container yard" is changed to "railway container yard", The term "freight station" was changed to "container freight station" and the term "elevated tire container crane" was changed to "elevated container tire crane", the term "railway container turnover time" is changed to "container turnover time" (see 3:3:1, 3:3:2, 3:3:3, 3:3:6, 3:3:8, 3:5:3, 8:35, 3:1:3:1, 3:1:3:2, 3:1:3:3, 3:1:3:6, 3:1:3:8, 3:1:5:3, 3:6:35 of the:1998 edition);

e) Change the term "international container intermodal transport" to "container intermodal transport" and the term "land bridge transport" to "land bridge transport" "transport", the term "converter box" is changed to "standard container", the term "multimodal transport document" is changed to "container multimodal transport waybill", and the Changed its definition (see 4:1:4, 4:1:5, 4:4:5, 6:2, 3:2:1:5, 3:2:1:6, 3:2:4:8, 3:4:2 of the:1998 edition);

f) Added "railway container central station", "container tractor", "container full-trailer tractor" and "container semi-trailer tractor" Terms and definitions of "container trailer", "container full trailer", "railway double-deck container transport" and "container rail-water intermodal transport volume" (see 3:3:14, 3:4:1, 3:4:2, 3:4:3, 3:4:4, 3:4:6, 4:1:7, 8:11): Please note that some contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents: This document is proposed and managed by the National Container Standardization Technical Committee (SAC/TC6): This document is drafted by: Institute of Water Transport Science of the Ministry of Transport, Shenzhen Institute of Standards and Technology, Guangzhou Railway Vocational and Technical College, An Huizhou Port Group Wuhu Co., Ltd., COSCO Shipping Container Lines Co., Ltd., China Academy of Railway Sciences Group Co., Ltd., CIMC Tuan Container Holdings Ltd: The main drafters of this document: Zhao Jieting, Wu Yi, Li Yuanhong, Yang Lei, Zhou Shiping, Zhou Yangfan, Jin Jing, Gao Jun, Li Jichun, Wang Jing: This document was first published in:1998, and this is the first revision: Container Shipping Terminology

1 Scope

GB/T 17271-2023 is the Chinese national standard on terminology for container transport, in the field of packaging and distribution of goods. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 17 March 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2023.

Classification: ICS 55.180.10, CCS A85. 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 defines the special terms of container transportation equipment and facilities, operation management, port operation, documents, fees and indicators: This

document applies to container transport and management:

2 Normative references

This document has no normative references:

3 Transportation equipment and facilities

1 Full container ship fulcontainership There is a fixed or movable grid structure in the cabin, and fastening devices for fixing the container are set on the hatch cover and the deck, which are used for container operation: Industry and positioning of ships: 3:1:2
semi-containership semi-containership Some of the cargo holds are dedicated to containers, and the rest are used as general cargo holds: 3:1:

3 Roll-on container ship rol-on/rol-offship; drive-on/drive-offship Use the side doors at the side, bow, and stern of the ship or the bow and tail doors, and use the springboard to roll the container and tractor together in the horizontal direction for loading and unloading ship: 3:1:

4 Open-hatch container ship open-hatch containership Specially designed container ships in which one or more cargo holds do not require hatch covers: 3:

2 Dock 3:2:1 container terminal container terminal A port operation wharf dedicated to berthing container ships and loading and unloading containers: [Source: GB/T 8487-2010,2:14] 3:

3 Stations 3:3:1 container yard containeryard;CY The site for loading, unloading, transfer, storage and storage of containers: