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

GB/T 45815-2025

**Requirements of data interchange among logistics information
service providers**

物流信息服务提供方之间的数据交换要求

(English Translation)

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Table of Contents

Preface	
1 Scope	
2 Normative references	
3 Terms, definitions and abbreviations	
3.1 Terms and Definitions	
3.2 Abbreviations	
4 Logistics Information Service Provider Interconnection Framework	
4.1 Interconnection	
4.2 Feature	
5 Logistics information service data	
5.1 General process of import and export logistics	
5.2 Import and export logistics data status	
5.3 Logistics data exchange message type	
6 Data exchange messages between LISP	
6.1 Data element representation	
6.2 Message	
6.3 Message Application	
Appendix A (Informative) List of technical differences between this document and ISO 23355:2024 and their causes	
Appendix B (Normative) Logistics Data Exchange Message XML Format Definition (XMLSchema)	
B.1 Forecast Information Message XML Format Definition	
B.2 Confirmation Information Message XML Format Definition	
B.3 Arrival Report Message XML Format Definition	
B.4 Tally message XML format definition	
B.5 Loading message XML format definition	
B.6 Definition of XML format for transport and cargo release message	
Appendix C (Informative) Logistics Data Exchange Message XML Format Application Example	
C.1 Example of application of forecast information message XML format	
C.2 Application example of confirmation information message XML format	
C.3 Arrival report message XML format application example	
C.4 Tally message XML format application example	

C.5 Loading Message XML Format Application Example

C.6 Application example of XML format for transport and cargo release message

References

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 is modified to adopt ISO 23355:2024 "Visual data exchange between logistics information service providers".

This document has the following structural adjustments compared to ISO 23355:2024.

---6.1.1 and 6.1.2 correspond to 6.1.1 in ISO 23355:2024, and 6.1.3 corresponds to 6.1.2 in ISO 23355:2024;

---6.2.1.2.3 corresponds to 6.2.1.2.3~6.2.1.2.5 in ISO 23355:2024;

---6.2.2.2.3 corresponds to 6.2.2.2.3~6.2.2.2.7 in ISO 23355:2024;

---6.2.3.2.3 corresponds to 6.2.3.2.3~6.2.3.2.7 in ISO 23355:2024;

---6.2.3.2.5 corresponds to 6.2.3.2.9~6.2.3.2.11 in ISO 23355:2024;

---6.2.3.2.6 corresponds to 6.2.3.2.12 and 6.2.3.2.13 in ISO 23355:2024;

---6.2.4.2.3 corresponds to 6.2.4.2.3~6.2.4.2.5 in ISO 23355:2024;

---6.2.4.2.6 corresponds to 6.2.4.2.8 and 6.2.4.2.9 in ISO 23355:2024;

---6.2.4.2.7 corresponds to 6.2.4.2.10~6.2.4.2.12 in ISO 23355:2024;

---6.2.4.2.8 corresponds to 6.2.4.2.13 and 6.2.4.2.14 in ISO 23355:2024;

---6.2.5.2.3 corresponds to 6.2.5.2.3~6.2.5.2.6 in ISO 23355:2024;

---6.2.5.2.6 corresponds to 6.2.5.2.9~6.2.5.2.11 in ISO 23355:2024;

---6.2.5.2.7 corresponds to 6.2.5.2.12~6.2.5.2.14 in ISO 23355:2024;

---6.2.6.2.3 corresponds to 6.2.6.2.4 and 6.2.6.2.5 in ISO 23355:2024;

---Added 6.3;

--- Deleted Chapter 7 of ISO 23355:2024 and incorporated the contents of Table 56 into Tables 4 to 55.

This document has many technical differences compared to ISO 23355:2024. A list of these

technical differences and their reasons is given in Appendix A.

The following editorial changes were made to this document.

--- To eliminate ambiguity, the name of the document is changed to "Requirements for Data Exchange between Logistics Information Service Providers";

--- Changed the scope of the statement;

--- Changed the figure numbers and title of 6.2.1.2, 6.2.2.2, 6.2.3.2, 6.2.4.2, 6.2.5.2 and 6.2.6.2;

--- Added Appendix C (informative) "Example of application of XML format for logistics data exchange message".

1 Scope

This document specifies the interconnection framework of logistics information service providers (LISP), logistics information service data and logistics information service providers.

Data exchange message requirements between.

This document applies to the exchange of logistics data during import and export transportation by water, road, air and rail.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

GB/T 1836 Container coding, identification and marking (GB/T 1836-2017, ISO 6346:1995, IDT) GB/T 2659.1-2022 Codes for the names of countries and regions and their administrative divisions Part 1: Country and area codes (ISO 3166-1:2020,MOD) GB/T 6512-2012 Transport Mode Code (UN/CEFACTRec.19.2001,MOD) GB 6944 Classification and product name number of dangerous goods GB 12268-2025 List of Dangerous Goods GB/T 12406-2022 Codes for indicating currencies (ISO 4217:2015, MOD) GB/T 15514 Codes for ports and related locations of the People's Republic of China GB/T 16472-2024 Passenger and cargo types, packaging types and packaging material types codes GB/T 16833-2011 Electronic data interchange for administration, commerce and transport (EDIFACT) code list

3.1 Terms and Definitions

The following terms and definitions apply to this document.

3.1.1

Data provider A party that provides logistics data (3.1.4) to a logistics information service provider (LISP) (3.1.3).

3.1.2

Data user

A party that accesses logistics data (3.1.4) from the Logistics Information Service Provider (LISP) (3.1.3) framework.

3.1.3

A party that provides logistics information electronic data interchange platform services to improve supply chain efficiency and effectiveness.