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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 36147.1-2018

Security management systems for the supply chain -- Electronic port clearance (EPC) -- Part 1: Message structures

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Foreword

GB/T 36147 "Supply Chain Security Management System Electronic Port Clearance (EPC)" is divided into two parts.

--- Part 1. Message structure;

--- Part 2. Core data elements.

This part is the first part of GB/T 36147.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This section uses the translation method equivalent to ISO 28005-1.2013 "Supply Chain Security Management System Electronic Port Clearance (EPC)

Part 1. The message structure.

The documents of our country that have a consistent correspondence with the international documents referenced in this part are as follows.

---GB/T 36147.2-2018 Supply Chain Security Management System Electronic Port Clearance (EPC) Part 2. Core Data Elements

(ISO 28005-2.2011, IDT).

This part is proposed and managed by the National Marine Ship Standardization Technical Committee (SAC/TC12).

This section drafted by. China Shipbuilding Industry Comprehensive Technology and Economic Research Institute.

1 Scope

This part of GB/T 36147 specifies the conceptual system design, basic transaction requirements, message requirements, and requirements for electronic port customs clearance message structure.

New data type.

The EPC in this section includes the actions of the user (captain, ship agent or shipowner) when submitting electronic data to the corresponding agency.

The agency approves or rejects the entry and exit of the ship.

Appendix A provides implementation recommendations for a single window (SW). Appendix B recommends a method for developing SW.

The Extensible Markup Language (XML) message structure defined in this section is used for the transmission of information between ships or their agents and specific institutions.

These specific agencies are responsible for handling applications for customs clearance at ships. For information to be transmitted, see the Convention on Internationally Convenient Maritime Transport (FAL Convention).

And the provisions of the relevant documents in ISO 28005-2. These message structures are primarily used for data transfer between machines.

This section applies to basic solutions that support customs clearance requirements to complex systems that facilitate wider collaboration between ships and port agencies.

Single window (SW) with different configurations.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

ISO 28005-2 Supply Chain Security Management System Electronic Port Clearance (EPC) Part 2. Core Data Elements (Security)

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Mess)

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Confirmation of acknowledgement

Final approval message issued by the agency regarding the approval or rejection of the application.

3.2

Authority

The subject of acting in accordance with the laws of the port state.

3.3

Undo cancelation

A message sent by a ship to a single window to cancel a previous application.

Note. In the case of an application for port clearance at the port, all applications related to the port stop are withdrawn.

3.4

Electronic port clearance electronicportclearance; EPC

The port authority and the user exchange electronic messages through a single window to achieve customs clearance at the port.