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

GB/T 11578-2025

The landing boom for S.t Lawrence seaway

圣劳伦斯航道登岸吊杆

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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 11578-1989 "Landing booms for the St. Lawrence Seaway". In addition to the integration and editorial changes, the main technical changes are as follows:

- Changed the scope of application (see Chapter 1, Chapter 1 of the 1989 edition);
- The structural form and main dimensions of the landing boom have been changed (see Chapter 4, Chapter 2 of the 1989 edition);
- Changed the requirements for landing booms (see Chapter 5, Chapter 4 of the 1989 edition);
- The test method has been changed (see Chapter 6, Chapter 5 of the 1989 edition);
- Added relevant contents of inspection rules, packaging and storage (see Chapter 7 and Chapter 9);
- Changed the marking provisions (see Chapter 8, Chapter 6 of the 1989 edition). Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed and coordinated by the National Technical Committee for Ship Outfitting Standardization (SAC/TC129). This document was drafted by: China Shipbuilding and Ocean Engineering Design Research Institute, Jiangnan Shipyard (Group) Co., Ltd. The main drafters of this document. Sang Wei, Tong Yin, and Zhao Ming. This document was first published in 1989 and this is the first revision. St. Lawrence Seaway Landing Boom

1 Scope

GB/T 11578-2025 is the Chinese national standard on the landing boom for s.t lawrence

seaway, in the field of shipbuilding and marine structures. 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 25 April 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 August 2025. Classification: ICS 47.020.50, CCS U24. 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 structure and dimensions, requirements, test methods, inspection specifications, and Rules, marking, packaging and storage. This document applies to the landing booms used on ships with an overall length of more than 50m and a freeboard of not less than 2m sailing in the St. Lawrence Seaway. Design, manufacture and acceptance.

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 699-2015 High-quality carbon structural steel

GB/T 700-2006 Carbon structural steel

GB/T 8162-2018 Seamless steel tube for structure

GB/T 8918-2006 Steel wire rope for important purposes

GB/T 8923.1-2011 Surface preparation of steel materials before coating - Visual assessment of surface cleanliness - Part

1.Uncoated The rust level and treatment level of the steel surface after the original coating is completely removed CB/T 3818-2013 Rigging turnbuckles

3 Terms and definitions

There are no terms or definitions that require definition in this document.

4 Structure and size

The structural form and main dimensions of the landing boom are shown in Figure

1. The safe working load (SWL) of the landing boom is 100kg.

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