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

GB/T 46092-2025

Single point mooring hawsers for ocean facility

海上设施用单点系泊索

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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.

Some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Technical Committee on Ship Outfitting Standardization (SAC/TC129).

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Single-point mooring cable for offshore facilities

1 Scope

This document specifies the classification, structure and marking, design, requirements, test methods, inspection rules, and markings of single-point mooring cables for offshore facilities.

Requirements for packaging, transportation and storage.

This document applies to the design, manufacture, and acceptance of single-point mooring cables for offshore facilities.

2 Normative references

GB/T 8834-2016

GB/T 11352-2009

GB/T 40273

3 Terms and Definitions

The terms and definitions defined in GB/T 40273, as well as the following terms and definitions, apply to this document.

3.1 Float

A device consisting of a float and a covering material, tied to a fiber cable, providing buoyancy for a single-point mooring line.

3.2 The thimble

Located at the eye loops at both ends of a single-point mooring cable, these are ring-shaped devices used to connect, secure, and protect the single-point mooring cable.

3.3 coating

A coating applied to the surface of fiber cables to reduce corrosion and wear.

3.4

The average value of the breaking force of the fiber rope specimen under dry conditions.

3.5

The average value of the breaking force of the fiber rope specimen under wet conditions.

3.6

The fiber cable has the capability to withstand cyclic loads of a specified amplitude up to 1000 times.

Note. Expressed as a percentage of the breaking strength when wet.

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