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SY

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

SY/T 10040-2016

Replacing SY/T 10040-2002

**Design and analysis of stationkeeping systems for floating
structures**

浮式结构物定位系统设计与分析

(English Translation)

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What this standard covers

This standard specifies the design, analysis and operation of the positioning system (mooring, dynamic positioning, or auxiliary propeller mooring), and gives different design requirements for movable anchoring and permanent anchoring. The design process described in this standard is based on a deterministic approach in which the response of the mooring system, such as mooring line tension, float displacement and anchor end forces, is calculated under the design environmental conditions defined in a return period.

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