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

GB/T 30009-2026

Replacing GB/T 30009-2013

Calculation method for energy efficiency design index of ships

船舶能效设计指数计算方法

(English Translation)

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Foreword

GB/T 30009-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 January 2027.

This edition replaces GB/T 30009-2013.

It is under the responsibility of the Standardization Administration of China.

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1 Scope

This standard defines a calculation method for the energy efficiency design index of ships, the figure used to express the design energy efficiency of a vessel in relation to its transport work. It is intended for shipyards, naval architects, ship owners and operators, classification societies and surveyors who need to calculate or verify this index for new ships. The 2026 edition was issued on 28 September 2026 and takes effect on 1 January 2027, replacing GB/T 30009-2013. It is a recommended national standard, so its use is voluntary unless a contract or regulation points to it. For maritime engineers and compliance teams working with Chinese yards or Chinese flag administration, it provides a domestic reference for how the index is to be calculated, supporting consistent documentation of a ship's design efficiency across projects and suppliers.