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Artificial intelligence - Technical requirements for port large-scale models

人工智能 港口大模型技术要求

(English Translation)

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Foreword

GB/Z 239-2026 is a national guiding technical document (GB/Z) of the People's Republic of China, issued on 27 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China.

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1 Scope

Ports are complex operating environments, and this guiding document deals with the technical requirements that a large-scale artificial intelligence model for port use should meet. Its title points to models designed for port scenarios, such as terminal operations and logistics.

Model developers and AI vendors serving the maritime and logistics sector can use it as a design reference, and port operators or terminal owners can use it when writing specifications and judging proposals. System integrators, test and evaluation teams, and research groups working on smart port projects form the remainder of the likely audience. A shared set of technical requirements helps these groups describe capabilities in comparable terms and reduces ambiguity between buyers and suppliers.

The document gives guidance rather than mandatory requirements, since it is of GB/Z type. Readers interested in how Chinese authorities approach the application of large models in port operations and shipping logistics will find it a relevant reference. It was issued on 27 August 2026.

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