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

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**The methods of statistics and analysis of energy consumption
in shipping transportation
(English Translation)**

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Foreword

This standard is one of the standard series of statistics and transport energy consumption analysis, the series of standards include.

- Road transport energy consumption statistics and analysis methods;
- Shipping energy consumption statistics and analysis methods;
- Port energy consumption statistics and analysis.

The Standard Appendix A, Appendix C is a normative appendix, Appendix B is an informative annex.

The standard proposed by the People's Republic of China Ministry of Transportation.

This standard by the Ministry of Energy Management Office.

This standard was drafted. Water Transport Ministry of Transport Research Institute.

1 Scope

This standard specifies the commercial shipping energy consumption statistics of ship classification, statistical indicators, survey methodology, index calculation and energy consumption Consumption method analysis.

This standard applies to the water in the passenger and freight transport activities of

enterprise business powerboat or self-employed (including foreign flag Commercial motor vessels), inland ship maneuvering in the commercial channel in fixed transport activities; does not apply to ferry across the river, the waters closed Engage in leisure travel recreational vessels.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2260-2002 People's Republic of China administrative division code GB/T 3358.1 statistical terms the first part of the general statistical terms (GB/T 3358.1-1993, neq ISO/DIS3435-1 ~ 3435-3) GB/T 4086.1 Tables for statistical distributions normal

3 Terms and Definitions

GB/T 3358.1 and established the following terms and definitions apply to this standard.

Transport ship to complete passenger and cargo turnover according to certain conversion factor obtained in terms of turnover.

Ship unit conversion fuel consumption turnover.

4.1 Air zoning

Ships Air Division shall be divided into two major categories of marine and inland. Jianghai direct ship determined in accordance with the main navigation area.

4.2 Marine vessels

Marine vessels in accordance with the ship is divided into six categories (see Table 1).

Table 1 Classification marine vessels

Air District Rocker Rocker Code Description ocean

12 Dry bulk carriers

Container ship 13

15 Tankers containing liquid bulk cargo, liquid chemical tankers, gas carriers, asphalt Boats

Other boats 16

Within the statistical range other than the above five kinds of power outside the ship Marine vessels, such as semi-submersible vessels, reefers, etc.