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Format specification for forecast support data products of maritime search and rescue

海上搜救预报保障数据产品格式规范

(English Translation)

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Appendix A

Foreword

This document follows GB/T 1.1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents" to be drafted.

This document was proposed by the Ministry of Natural Resources of the People's Republic of China.

This document was prepared by the National Marine Standardization Technical Committee (SAC/TC

283) Concentration.

Drafting organizations of this document. National Marine Environmental Forecast Center, Beihai Forecast Center of State Oceanic Administration, East China Sea Forecast Center of State Oceanic Administration, South China Sea Forecast Center of State Oceanic Administration, National Oceanic Information Center, Shandong University of Science and Technology.

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1 Scope

This document specifies the document category, naming rules and record format of forecast data products in the maritime search and rescue forecast guarantee.

This document is applicable to the production and use of marine search and rescue forecast guarantee data products.

2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T

12462-1990 World Ocean Name Code

3 Terms and definitions

The following terms and definitions apply to this document.

Maritime search and rescue forecast and rescue forecast Pre-estimation and forecast for the drift trajectory of marine targets, search area, marine hydrometeorological environment of search and rescue sea area, etc.

Marine search and rescue forecast guarantee data product maritime and rescue forecast support data product Data files produced during the maritime search and rescue forecasting process.

Marine environment numerical forecast data product maritime environment numerical forecast data product Data files for selection, processing, production, use and recording of marine environmental element forecast products.

Target search forecast data product target forecast data product Data files such as the location and area of the target produced during the maritime search and rescue forecasting process.

Target drift trajectory forecast data product target drift trajectory forecast data product A data file of the location of the target drift trajectory, the corresponding time and the marine environmental elements at the location.

Search area forecast data products search area forecast data product the data file of the location of the search area, the corresponding time, and the corner points of the search area boundary.

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4.1 Categories and storage

Data products include marine environment numerical forecast data products and target search forecast data products. Marine search and rescue forecast guarantee data production

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