

ICS 35.040
CCS E57



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

GB/T 16792-2025

Replacing GB/T 16792-1997

**Codes for name of petroliferous basin and inferior tectonic unit
of China**

中国含油气盆地及次级构造单元名称代码

Issued on: October 31, 2025

Implemented on: February 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document supersedes GB/T 16792-1997 "Code for Nomenclature of Oil and Gas Basins and Secondary Tectonic Units in China", and is consistent with GB/T 16792- Compared to.1997, aside from structural adjustments and editorial changes, the main technical changes are as follows:

- a) The wording regarding the scope of application of the standard has been revised (see Chapter 1, Chapter 1 of the.1997 edition);
- b) A new chapter on "Terms and Definitions" has been added (see Chapter 3);
- c) The "Code Structure" section was separated from the "Encoding Methods" section and compiled into a separate chapter, with a revised format (see Chapter 4,.1997 edition). 4.6, 4.7, 4.8);
- d) The format and content of the encoding method have been changed (see Chapter 5, 4.1, 4.2, 4.3, 4.4, 4.5, 4.9, and 4.10 of the.1997 edition);
- e) The code usage descriptions have been changed (see Chapter 6, Chapter 5 of the.1997 edition);
- f) The wording and content of code management and maintenance have been changed (see Chapter 7, Chapter 6 of the.1997 edition);
- g) The names and codes of some oil and gas basins in the Code Table of Oil and Gas Basins and Secondary Tectonic Units in China have been changed (see Table 1 in Chapter 8). Table 1 (1997 edition)
- h) The index table of codes for oil and gas basins and secondary tectonic units in China has been deleted (see Chapter 8 of the.1997 edition);

i) A comparison table of old and new names of oil and gas basins and secondary tectonic units in China has been added (see Table 2 in Chapter 8). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Technical Committee on Standardization of Information Classification and Coding (SAC/TC353). This document was drafted by: China National Institute of Standardization, Exploration and Development Research Institute of China National Petroleum Corporation, and Southwest Petroleum Corporation. University. The main drafters of this document are: Chen Zhuxin, Yue Gaofeng, Sun Wenfeng, Zhang Yanqi, Wang Shilin, Liu Shouhua, Xu Kaicheng, Yang Qinghai, Gao Liang, and Chen Jie. Jiang Hang. This document was first published in 1997, and this is its first revision. Names and codes of oil and gas basins and secondary tectonic units in China

1 Scope

GB/T 16792-2025 is the Chinese national standard on codes for name of petroliferous basin and inferior tectonic unit of china, in the field of information technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 February 2026. Classification: ICS 35.040, CCS E57. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the codes for the names of oil and gas basins in China and their first-order and second-order tectonic units. This document applies to the application of mineral resource planning and management, exploration and evaluation, development and utilization, and information technology construction in the management of oil and gas basins and sub-basins. The digital identifier of a level-based structural unit entity.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 2260 Administrative Division Codes of the People's Republic of China

GB/T 7027-2002 Basic Principles and Methods of Information Classification and Coding

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 petroliferous basin The Earth's crust possesses a unified geological history and has the basic petroleum geological conditions and reservoir formation capabilities, including oil and gas generation, storage, and preservation. Sedimentary basins.

3.2 Construction unit tectonic unit Oil and gas basins are formed during crustal evolution, controlled by tectonic movements, resulting in rocks with specific structures, deformation characteristics, and evolutionary histories. Stratigraphic assemblage.

Note. Based on geological characteristics and deformation scale, it is divided into primary and secondary tectonic units.

4.Code Structure The codes for oil and gas basins and secondary structural units are represented by Arabic numerals (hereinafter referred to as "numerical codes"), and adopt a three-level eight-bit hierarchical code. The structure is divided into three levels. oil and gas basins, first-order tectonic units, and second-order tectonic units. The structure of the digital code is shown in Figure

1.The meanings of the code positions from left to right are as follows:

- a) The first to fourth digits from the left are the name codes of oil and gas basins.
- b) The fifth and sixth digits from the left are the name code of the first-level tectonic unit, which is the summary code of the second-level tectonic units under the jurisdiction of the first-level tectonic unit. Within the basin... When no first-level construction unit is defined, the code for the first-level construction unit is "00".
- c) The seventh and eighth digits from the left are the code for the second-level structural unit name. When the first-level structural unit is not divided into second-level structural units, the second-level structural unit... The unit code is "00".