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**MZ**

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

**MZ/T 111-2018**

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**Administrative boundary -- Detailed map -- Integration  
(English Translation)**

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### Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is proposed and managed by the Division of Geographical Names Division of the Ministry of Civil Affairs.

This standard was drafted. Division of Geographical Names of the Ministry of Civil Affairs, Institute of Geographical Names of the Ministry of Civil Affairs.

### 1 Scope

This standard specifies the terms and definitions for the detailed integration of administrative area boundary maps, the content and presentation form of the atlas, the front

cover, the sequence diagram, the inner cover of the volume, Contents and requirements for integration, contouring and finishing.

This standard applies to the integration of administrative area boundary maps.

## 2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this document.

For undated references, the latest version (including all amendments) applies to this document.

GB/T 14511 Map Printing Specifications GB/T 23758 industrial parchment GB/T 10335.1 coated paper and cardboard coated art printing paper (coated paper) MZ/T 069-2016 Provincial-level Joint Inspection

## 3 Terms and definitions

The following terms and definitions apply to this document.

Administrative boundary the relevant people's governments adjacent to the administrative regions approved by the people's governments of the State Council or provinces, autonomous regions, and municipalities directly under the Central Government exercise jurisdiction over the administrative regions Right dividing line.

[MZ/T 069-2016, definition 3.1] 3.2 Boundary detailed map Thematic maps that reflect the standard drawing of administrative area boundaries.

Boundary detailed map series Thematic atlases that summarize detailed line drawings together as required.

### 4.1 Atlas content

Including the cover, sequence diagram (including compilation instructions, detailed drawings and charts, legends), the inside of the volume and the detailed line drawing (the main part).

### 4.2 Presentation

The atlas uses a horizontal version of the folio, the finished layout size is 75 cm from east to west, and 52 cm from north to south.

Atlases are grouped in volumes.

-Atlas of provincial administrative area boundaries uses each administrative area boundary as a unit volume;

- Atlases of administrative regions below the provincial level are organized in units of administrative regions;
- Longer boundaries can be divided into separate volumes (generally detailed page > 80 pages).

## **5.1 Cover Content**

The cover content may consist of the national emblem pattern, the main name of the atlas, the compilation unit and the compilation time.

## **5.2 Typographic Design**

The layout design requires dignity and beauty. For specific styles, refer to Appendix A.

## **6.1 Composition**

The sequence diagram is composed of three parts. the instruction page, the chart page, and the legend page.

## **6.2 Preparation of instruction pages**

Refer to Appendix B for the description page style. The page content consists of the following three parts.

- Schematic diagram of the position of the boundary line. indicate the position of the boundary line in the upper administrative area;
- Compilation information. the list of compilation committees, editorial departments and editors at all levels of the atlas should be included;
- Compilation instructions should include the following.

A brief description of the physical geography of the border areas, an overview of the work of delineation and its significance;

the basis and purpose of the mapping;

The scale and coordinate system of the atlas compilation;

Mapping methods and software used;

compiling information and processing methods;

Number of drawings, layout structure and drawing method of the agreement;

Treatment and representation of special problems in the atlas;

The description of the completed process of the atlas, the compilation unit, and other relevant content.

### 6.3.1 Basic requirements

Each administrative area boundary shall be drawn in a diagram and arranged in the order of the boundary number.

### 6.3.2 Graph name

The names of the diagrams are arranged from the name of the superior administrative area and the name of the administrative area adjacent to the boundary (administrative areas with small administrative division codes) the domain names are arranged on the top), and the "administrative zone boundary detailed atlas collection chart" is formed. Provincial administrative regions have no upper administrative region name.

Example 1.

Example 2.

### 6.3.3 Preparation requirements

The preparation of connection diagrams should meet the following requirements.

- The geographic basemap connected to the chart can be selected according to the existing data and the corresponding topographic map and data compilation;
- The number of geographic basemaps needed for the chart should be determined according to the scale of the boundary line, the latitude and longitude range, and the format of the chart;
- The boundary line distance is too long, and it can be combined with the design of the atlas, and adopt the form of segmented design and chart.

### 6.3.4 Requirements for plotting

The drawing of the diagram shall meet the following requirements.

- The scope of the drawing of the chart should be larger than all the drawings and supplementary drawings of the agreement involved in this boundary;
- Use different thickness and line thicknesses to indicate the latitude and longitude lines of the topographic maps at different scales, and choose the latitude and longitude to be noted beside the frame;
- In the map, jump to note the map number of each scale scale topographic map;
- Connect the boundary line in the chart and the features on both sides of the boundary line are prominent in the form of bands;
- Different colors are used to distinguish the band range, the drawing of the agreement, and