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GA

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

GA/T 994-2017

Specifications for road traffic information release

道路交通信息发布规范

(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 replaces GA/T 994-2012 "Regulations on the Release of Road Access Status Information." Compared with GA/T 994-2012, except editing in addition to sexual modifications, the main technical changes are as follows.

- The standard name "Circular Traffic Information Release Regulation" was revised as "Road Traffic Information Release Regulation" (see standard name, 2012) Version of the standard name);
- Modify the scope (see Chapter 1, Chapter 1 of the 2012 edition);
- Modified normative references (see Chapter 2, 2012 edition of Chapter 2);
- Deleted section speed (see version 3.3 of 2012);
- Increased basic requirements (see Chapter 4);
- Increased information content (see 4.1);
- Increased release method (see 4.2);
- Increased release form (see 4.3);
- Increased release requirements (see 4.4);

- Modified update cycle (see 4.4.5, 2012 version 4.4);
- Modify the requirements of the general rules (see 5.1, version 4.1 of the 2012 edition);
- Modify the chroma performance (see 5.4, 2012 version 4.5);
- Added Appendix A Road Pass State Information Structure Example (see Appendix A);
- Added Appendix B traffic incident information structure example (see Appendix B);
- Added an example of the structure of Appendix C bulletin information (see Appendix C);
- Added Appendix D parking information structure example (see Appendix D);
- Added Appendix E color chromaticity diagram (see Appendix E).

This standard is proposed and managed by the Standardization Technical Committee on Road Traffic Management of the Ministry of Public Security.

1 Scope

This standard specifies the requirements for road traffic information content, release methods and release forms.

This standard is applicable to the release of traffic information on highways, national trunk highways and urban roads.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 8417-2003 light signal color GB/T 15608-2006 Chinese color system GA/T 1302-2016 General Technical Conditions for Parking Service and Management Information System

3 Terms and definitions

The following terms and definitions apply to this document.

Traffic state the road is congested, slow or open.

Display unit display unit the unit road section showing the traffic status.

Interval speed point-to-pointspeed the arithmetic average of the travel speeds of a group of vehicles passing through a section of a road in a direction of travel.

4.1 Information content

The road traffic information content is shown in Table 1.

Table 1 Road Traffic Information Table

Classified release content Road traffic status information Real-time traffic conditions, forecast traffic conditions, etc.

Traffic incident information Traffic accidents, road construction, traffic control, traffic weather, etc.

Announcement propaganda information Traffic guidance information, traffic safety warning information, traffic illegal warning information, traffic safety propaganda information, etc.

Parking Information Parking name, location, number of parking spaces, parking guidance, etc. Should meet the requirements of 5.2.1.6 of GA/T 1302-2016 Other information

Geographic information, transfer information and other information