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GA

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

GA 426.4-2008

Replacing GA 426-2003

**Fingerprint data exchange format--Part 4: Latent record
description data format**

指纹数据交换格式 第4部分：现场指纹信息记录格式
(English Translation)

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Foreword

This section of the entire technical content is mandatory.

GA 426 "fingerprint data exchange format" is divided into 14 parts.

- Part 1. Fingerprint data exchange file format specification;
- Part 2. task description class record format;
- Part 3. Fingerprint information recording format;
- Part 4. Field fingerprint information recording format;
- Part 5. Fingerprint check and inverted check than the information recording format;
- Part 6. fingerprint check than the information recording format;
- Part 7. fingerprint string than the information recording format;
- Part 8. Field fingerprint query request information record format;
- Part 9. Fingerprint query request information record format;
- Part 10. positive check results candidate information record format;
- Part 11. inverted search results candidate information record format;
- Part 12. Check the results of the comparison of candidate information recording format;
- Part 13. string comparison results of candidate information recording format;
- Part 14. Custom logic record format.

This part is the fourth part of GA 426.

This section instead of GA 426-2003 "Automatic Fingerprint Identification System Data Exchange File Format" Appendix B (normative). 2 Class logic records send field

fingerprinting data. Not superseded elsewhere in GA 426-2008 Fingerprint Data Interchange Format.

This part of GA 426-2003 Annex B (normative) compared to the following changes.

- Modify the field fingerprint text message data item content and format;
- Increasing the survey management data items;
- Removed Appendix E (normative) ANSI information exchange code, the definition of delimiters modified to direct reference GB/T 1988-1998.

This section proposed by the Criminal Investigation Bureau of the Ministry of Public Security.

This part of the criminal technology by the National Standardization Technical Committee Criminal Information Technology Committee (SAC/TC179/SC2) centralized.

This section is drafted. Criminal Investigation Bureau of Ministry of Public Security, Jiangsu Provincial Public Security Bureau Criminal Investigation Bureau, Ministry of Public Security Physical Evidence Identification Center, Aerospace Science and Industry Set Mission two homes two seven, Beijing High Tech Fingerprinting Technology Co., Ltd., Beijing Oriental Golden Finger Technology Co., Ltd., Beijing Haixin Branch of the high-tech Co., Ltd.

1 Scope

This part of GA 426 specifies the format of on-site fingerprint information records in the fingerprint data exchange file.

This section applies to fingerprint automatic identification system field fingerprint information exchange.

2 Normative references

The terms in the following documents become provisions of this section by reference to this part of GA 426. For dated references, its subsequent Amendments (not including errata content) or revisions do not apply to this section, however, to encourage the agreement reached under this section of the parties to study whether the latest version of these documents can be used. For undated references, the latest version applies to this section.

GB/T 1988-1998 Information technology - Information exchange with seven coded character sets (eqv ISO/IEC 646.:1991) GB/T 2260 People's Republic of China administrative divisions code Code of criminal information management code - Part 1. Case category code GA 380-2002 National public security agencies code rules GA 773-2008 Fingerprint Automatic Identification System Terminology GA 776-2008 Fingerprint Automatic Identification System product coding rules Fingerprint data code Part 2. Fingerprint pattern code Fingerprint data code Part 3. Color code of mastoid Fingerprint

data code Part 6. Fingerprint inspection level code Fingerprint data code Part 7. Fingerprint alignment status code Fingerprint data code - Part 8. Thumbnail rules for fingerprint feature extraction methods

3 Terms and definitions

GA 773-2008 established terms and definitions apply to this section.

4 Field fingerprint information record structure

Each on-site fingerprint information record may convey one or more fingerprint information in the on-site fingerprint. Fingerprint information includes fingerprints Information, fingerprint characteristic information, fingerprint custom information and fingerprint image information. If you send more than one fingerprint information, use the record between the fingerprint information Delimiter "GS" separated. The last byte of the logical record is the end of file "FS".

5 Field fingerprint information record data item name and format

Field fingerprinting data item name and format in Table 1.

Table 1 field fingerprint information record data item name and format

No.	Name	Type	Length	Description	Valid values
101	Logical record length	character	8	This logical record length is	
102	Logical record type	character	2	Fill in "03"	Yes
103	serial number	character	6	A bit representing this record in a Class 03 logical record Set, starting from 1 count	