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ICS 07.140
CCS L 77

SF

SF/T 0146-2023

Technical requirement and evaluation approach for file recovery tool

文件恢复工具技术要求和测试评价方法

(English Translation)

Issued on: October 7, 2023 **Implemented on: December 1, 2023**

Issued by: Ministry of Justice of the People's Republic of China

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1 Foreword

SF/T 0146-2023 was issued by Ministry of Justice of the People's Republic of China on 7 October 2023 and has been in force since 1 December 2023.

The SF/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 13 pages in English translation.

2 Scope Preview

This standard specifies file recovery tools and test and evaluation methods for electronic data identification, and specifies technical requirements in nine aspects including the functionality of file recovery tools. This document is applicable to the design, development, testing and evaluation of file recovery functions in file recovery tools or comprehensive tools in the field of forensic identification. It is not suitable for evaluating the correctness of the selection and use of tools in forensic identification activities, nor for evaluating the

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correctness of tool selection and use in forensic identification activities. Tools for recovering data from physically failed storage media.

SF/T 0146-2023 falls under ICS 07.140, in the field of natural and applied sciences.

This catalogue holds 31 other SF/T standards in that field.

In this catalogue, SF/T standards carry edition years from 2017 to 2025.

3 About this standard

Issued by: Ministry of Justice of the People's Republic of China

English translation: about 13 pages

Chinese original: about 19,128 characters

4 Related standards

Standards on related subjects:

GB/T 25000.51-2016 - Systems and software engineering -- Systems and software Quality Requirements and Evaluation (SQuaRE) -- Part 51: Requirements for quality of Ready to Use Software Product (RUSP) and instructions for testing

GB/T 20918-2007 - Information technology - Software life cycle processes - Risk management

GB/T 11457-2006 - Information technology Software engineering terminology

5 Classification and status

International classification (ICS): 07.140

Chinese Standard Classification (CCS): L 77

Prefix SF/T: recommended standard.

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