Federal Information Processing Standards Publications (FIPS PUBS)

Withdrawn FIPS Listed by Number

The former Federal Information Processing Standards (FIPS) listed below have been withdrawn. Many of these FIPS had adopted voluntary industry standards for Federal government use, but had not been updated to adopt current or revised industry standards. In some cases, commercial products implementing the standards are widely available.

It is no longer necessary for the government to mandate standards that duplicate industry standards. Federal government departments and agencies are directed by the National Technology Transfer and Advancement Act of 1995 (P.L. 104-113), to use technical industry standards that are developed in voluntary consensus standards bodies.

Information about voluntary industry standards is available from the NSSN: A National Resource for Global Standards at: http://www.nssn.org. NSSN is a cooperative partnership between the American National Standards Institute (ANSI), U.S. private-sector standards organizations, government agencies, and international standards organizations.

FIPS NO.	TITLE	DATE OF PUBLICATION	DATE WITHDRAWN	FEDERAL REGISTER CITATION VOLUME/PAGE
0	General Description of FIPS Register	68 Nov 01	97 Sep --	N/A
1-2	Code for Information Interchange, Its Representations, Subsets, and Extensions (ANSI X3.4- 1986/R1992, X3.32- 1990, X3.41- 1990)	84 Nov 14	97 Jul 29	62FR/40502
2-1	Perforated Tape Code for Information Interchange (ANSI X3.6- 1965/R1983 & R1991)	84 Nov 14	96 May 29	61FR/26891
3-1	Recorded Magnetic Tape for Information Interchange (800 CPI, NRZI) (ANSI X3.22-1973)	73 June 30	92 Mar 10	57FR/8440
4 In WORD format	Calendar Date (ANSI X3.30-1968)	-	-	-
4-1	Calendar Date (ANSI X.3.30-1985)			
4-2	Representation of calendar date to facilitate interchange of data among information systems. This standard adopts American National Standard ANSI X3.30-1997: Representation of Date for Information Interchange (revision of ANSI X3.30-1985 (R1991)).	98 Nov 15	08 Sep 02	73FR/51276
5-2	Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas	87 May 28	08 Sep 02	73FR/51276
6-4	Counties and Equivalent Entities of the U.S., Its Possessions, and Associated Areas	90 Aug 31	08 Sep 02	73FR/51276
7	Implementation of the Code for Information Interchange and Related Media Standards	69 Mar 07	85 Aug 22	N/A
8-6	Metropolitan Areas (Including MSAs, CMSAs, PMSAs, and NECMAs) Link to current information **Additional information on the content of this FIPS may be obtained from the Bureau of the Census at (301) 763-2419.**	95 Mar	05 Feb 08	70FR/6623

9-1	Congressional Districts of the U.S.	90 Nov 30	05 Feb 08	70FR/6623
	Additional information on the content of this FIPS may be obtained from the Bureau of the Census at (301) 763-9031.			
10-4	Countries, Dependencies, Areas of Special Sovereignty, and Their Principal Administrative Divisions	95 Apr	08 Sep 02	73FR/51276
11-3	Guideline: American National Dictionary for Information Systems (ANSI X3.172 - 1990 & X3.172A-1992)	91 Feb 01	97 Jul 29	62FR/40502
12-2	FIPS Index	74 Dec 01	83 Feb 04	N/A
13	Rectangular Holes in Twelve-Row Punched Cards (ANSI X3.21 - 1967/R1980 & R1991)	71 Oct 01	96 May 29	61FR/26891
14-1	Hollerith Punched Card Code (ANSI X3.26 - 1980/R1991)	80 Dec 24	96 May 29	61FR/26891
15	Subsets of the Standard Code for Information Interchange	71 Oct 01	85 Aug 22	N/A
16-1	Bit Sequencing of Code for Information Interchange in Serial-By-BitData Transmission (ANSI X3.15 - 1976/R1983 & R1990)	77 Sep 01	97 Jul 29	62FR/40502
17-1	Character Structure and Character Parity Sense for Serial-By-Bit Data Communication in the Code for Information Interchange (ANSI X3.16 - 1976/R1983 & R1990)	77 Sep 01	97 Jul 29	62FR/40502
18-1	Character Structure and Character Parity Sense for Parallel-By-Bit Data Communication in the Code for Information Interchange (ANSI X3.25-1976/R1983)	77 Sep 01	91 Oct 01	N/A
19-2	Catalog of Widely Used Code Sets	92 Jul 01	97 Jul 29	62FR/40502
20	Guidelines for Describing Information Interchange Formats	72 Mar 01	88 Aug 23	N/A
21-4	COBOL (ANSI X3.23-1985, X3.23a-1989&X3.23b-1993)	95 Jan 23	00 Feb 25	65FR/10050
22-1	Synchronous Signaling Rates Between Data Terminal and Data Communication Equipment (ANSI X3.1 - 1976)	77 Sep 01	97 Jul 29	62FR/40502
23	Objectives and Requirements of the FIPS Program	73 Feb 15	84 Jul 09	N/A
24	Flowchart Symbols and Their Usage in Information Processing (ANSI X3.5-1970)	73 Jun 30	88 Aug 23	N/A
25	Recorded Magnetic Tape for Information Interchange (1600 CPI, Phase Encoded) (ANSI X3.39-1973)	73 Jun 30	92 Mar 10	57FR/8440
26	One-Inch Perforated Paper Tape for Information Interchange (ANSI X3.18 - 1967/R1974, R1982, & R1990)	73 Jun 30	96 May 29	61FR/26891
27	Take-Up Reels for One-Inch Perforated Tape for Information Interchange (ANSI X3.20 - 1967/R1982 & R1990)	73 Jun 30	96 May 29	61FR/26891
28	Standardization of Data Elements and Representations	73 Dec 05	92 Jul 20	57FR/30115
29-3	Interpretation Procedures for Federal Information Processing Standards for Software	92 Oct 29	00 Feb 25	65FR/10050
30	Software Summary for Describing Computer Programs and Automated Data Systems	74 Jun 30	93 Dec 21	58FR/67396
31	Guidelines for Automatic Data Processing Physical Security and Risk Management	74 June	05 Feb 08	70FR/6623
32-1	Character Sets for Optical Character Recognition (OCR) (ANSI X3.2 - 1970/R1976, X3.17 - 1981/R1989,	82 Jun 25	96 May 29	61FR/26891

	X3.49 - 1975/R1982 & R1989)			
33-1	Character Set for Handprinting. (ANSI X3.45 - 1982/R1989)	84 Nov 05	96 May 29	61FR/26891
34	Guide for the Use of International System of Units (SI) in Federal Information Processing Standards Publications	75 Jan 01	97 Jul 29	62FR/40502
35	Code Extension Techniques in 7 or 8 Bits (ANSI X3.41 - 1974)	75 Jun 01	85 Aug 22	N/A
36	Graphic Representation of the Control Characters of ASCII (FIPS 1) (ANSI X3.32 - 1973)	75 Jun 01	85 Aug 22	N/A
37	Synchronous High Speed Data Signaling Rates Between Data Terminal Equipment and Data Communications Equipment (ANSI X3.36 - 1975)	75 Jun 15	88 Feb 22	N/A
38	Guidelines for Documentation of Computer Programs and Automated Data Systems	76 Feb 15	95 Aug 25	N/A
39	Glossary for Computer Systems Security	76 Feb 15	93 Apr 29	N/A
40	Guideline for Optical Character Recognition Forms	76 May 01	96 May 29	61FR/26891
41	Computer Security Guidelines for Implementing the Privacy Act of 1974	75 May 30	98 Nov 18	63FR/64062
42-1	Guidelines for Benchmarking ADP Systems in the Competitive Procurement Environment	77 May 15	95 Aug 25	N/A
43	Aids for COBOL Program Conversion (FIPS PUB 21 TO FIPS PUB 21-1)	75 Dec 01	86 Sep 08	N/A
44	COBOL Coding Form	76 Sep 01	86 Sep 08	N/A
45	Guide for the Development, Implementation & Maintenance of Standards for the Representation of Computer Processed Data Elements	76 Sep 30	95 Aug 25	N/A
46-3	Data Encryption Standard (DES)	99 Oct 25	05 May19	N/A
47	Federal Standard COBOL Pocket Guide	77 Feb 01	86 Sep 08	N/A
48	Guidelines on Evaluation of Techniques for Automated Personal Identification	77 Apr 01	05 Feb 08	70FR/6623
49	Guideline on Computer Performance Management: An Introduction	77 May 01	97 Jul 29	62FR/40502
50	Recorded Magnetic Tape for Information Interchange, 6250 cpi (246 cpmm), Group Coded Recording (ANSI X3.54 - 1976)	78 Feb 01	92 Mar 10	57FR/8440
51	Magnetic Tape Cassettes for Information Interchange (3.810mm [0.150 in] Tape at 32 bpmm [800 bpi], PE) (ANSI X3.48 - 1977)	78 Feb 01	92 Mar 10	57FR/8440
52	Recorded Magnetic Tape Cartridge for Information Interchange, 4-Track, 6.30mm (1/4 in), 63bpmm (1600 bpi), Phase Encoded (ANSI X3.56 - 1977)	78 Jul 15	92 Mar 10	57FR/8440
53	Transmittal Form for Describing Computer Magnetic Tape File Properties	78 Apr 01	93 Dec 21	58FR/67396
54-1	Computer Output Microform (COM) Formats and Reduction Ratios, 16 mm and 105 mm (ANSI/AIIM MS5 - 1991 & MS14-1988)	91 Jan 15	96 May 29	61FR/26891
55-DC3	Guideline: Codes for Named Populated Places, Primary County Divisions, and Other Locational Entities of the United States, Puerto Rico, and the Outlying Areas	94 Dec 28	05 Feb 08	70FR/6623
55-3	Guideline: Codes for Named Populated Places, Primary County Divisions, and Other Locational Entities of the United States, Puerto Rico, and the Outlying Areas (without codes)		05 Feb 08	70FR/6623

Additional information on the content of this FIPS may be obtained from the U.S. Geological Survey at (703) 648-4544.

56	Guideline for Managing Multivendor Plug-Compatible ADP Systems	78 Sep 15	95 Aug 25	N/A
57	Guidelines for the Measurement of Interactive Computer Service Response Time and Turnaround Time	78 Aug 01	97 Jul 29	62FR/40502
58-1	Representations of Local Time of the Day for Information Interchange (ANSI X3.43 - 1986)	88 Jan 27	97 Jul 29	62FR/40502
59	Representations of Universal Time, Local Time Differentials, and United States Time Zone References for Information Interchange (ANSI X3.51 - 1975)	79 Feb 01	97 Jul 29	62FR/40502
60-2	I/O Channel Interface	90 Dec 18	93 Apr 15	58FR/27712
61-1	Channel Level Power Control Interface	90 Dec 18	93 Apr 15	58FR/27712
62	Operational Specifications for Magnetic Tape Subsystems	90 Dec 18	93 Apr 15	58FR/27712
63-1	Operational Specifications for Variable Block Rotating Mass Storage Subsystems	90 Dec 18	93 Apr 15	58FR/27712
64	Guidelines for Documentation of Computer Programs and Automated Data Systems for the Initiation Phase	79 Aug 01	95 Aug 25	N/A
65	Guideline for Automatic Data Processing Risk Analysis	79 Aug 01	95 Aug 25	N/A
66	Standard Industrial Classification (SIC) Codes	79 Aug 15	05 Feb 08	70FR/6623
67	Guideline for Selection of Data Entry Equipment	79 Sep 30	95 Aug 25	N/A
68-2	BASIC (ANSI X3.113 - 1987)	87 Aug 28	97 Jul 29	62FR/40502
69-1	FORTRAN (ANSI X3.9 - 1978/R1989)	85 Dec 24	98 Nov 18	63FR/64062
70-1	Representation of Geographic Point Locations for Information Interchange (ANSI X3.61 - 1986)	86 Nov 14	97 Jul 29	62FR/40502
71	Advanced Data Communication Control Procedures (ADCCP) (ANSI X3.66 - 1979)	80 May 14	94 Jun 22	59FR/32186
72	Guidelines for Measurement of Remote Batch Computer Service	80 May 01	95 Aug 25	N/A
73	Guidelines for Security of Computer Applications	80 June 30	05 Feb 08	70FR/6623
74	Guidelines for Implementing and Using the NBS Data Encryption Standard	81 Apr 01	05 May 19	N/A
75	Guideline on Constructing Benchmarks for ADP System Acquisitions	80 Sep 18	97 Jul 29	62FR/40502
76	Guideline for Planning and Using a Data Dictionary System	80 Aug 20	97 Jul 29	62FR/40502
77	Guideline for Planning and Management of Database Applications	80 Sep 01	97 Jul 29	62FR/40502
78	Guideline for Implementing Advanced Data Communication Control Procedures (ADCCP)	80 Sep 26	94 Jun 22	59FR/32186
79	Magnetic Tape Labels and File Structure for Information Interchange (ANSI X3.27 - 1978)	80 Oct 17	92 Mar 10	57FR/8440
80	Guide for the Implementation of FIPS in Acquisitions and Design of Computer Products & Services	80 Dec 19	85 Nov 29	N/A
81	DES Modes of Operation	1980 Dec 2	05 May 19	N/A
82	Guideline for Inspection and Quality Control for Alphanumeric Computer-Output Microforms (ANSI/AIIM (NMA) MS1-1980)	80 Sep 26	96 May 29	61FR/26891
83	Guideline on User Authentication Techniques for Computer Network Access Control	80 Sept 29	05 Feb 08	70FR/6623
84	Microfilm Readers (ANSI/AIIM (NMA) MS20 - 1979)	80 Oct 31	96 May 29	61FR/26891
85	Optical Character Recognition (OCR) Inks (ANSI X3.86 - 1980/R1993)	80 Nov 07	96 May 29	61FR/26891

86	Additional Controls for Use with Amer. Natl. Std. Code for Information Interchange (ANSI X3.64-1979/R1990)	81 Jan 29	97 Jul 29	62FR/40502
87	Guidelines for ADP Contingency Planning	81 Mar 27	05 Feb 08	70FR/6623
88	Guideline on Integrity Assurance and Control in Database Administration	81 Aug 14	97 Jul 29	62FR/40502
89	Optical Character Recognition (OCR) Character Positioning (ANSI X3.93M - 1981/R1989)	81 Sep 04	96 May 29	61FR/26891
90	Guideline for Optical Character Recognition (OCR) Print Quality (ANSI X3.99 - 1983/R1991)	83 Sep 29	96 May 29	61FR/6891
91	Magnetic Tape Cassettes for Information Interchange, Dual Track Complementary Return-To-Bias (CRB) Four-States Recording on 3.81-mm (0.150-in) Tape (ANSI X3.59 - 1981)	82 Mar 12	88 Feb 22	N/A
92	Guideline for Standard Occupational Classification (SOC) Codes	83 Feb 24	05 Feb 08	70FR/6623
93	Parallel Recorded Magnetic Tape Cartridge for Information Interchange, 4-Track, 6.30 mm (1/4 in), 63 bpmm (1600 bpi), Phase Encoded (ANSI X3.72 - 1981/R1987)	82 Jun 29	92 Mar 10	57FR/8440
94	Guideline on Electrical Power for ADP Installations	83 Sep 21	97 Jul 29	62FR/40502
95-1	Codes for Identification of Federal and Federally Assisted Organizations, 1993	93 Jan 4	99 Mar 31	-
95-2	Codes for the Identification of Federal and Federally Assisted Organizations, see NIST SP-800-87		05 Feb 08	70FR/6623
96	Guideline for Developing and Implementing a Charging System for Data Processing Services	82 Dec 06	97 Jul 29	62FR/40502
97	Operational Specifications for Fixed Block Rotating Mass Storage Subsystems	90 Dec 18	93 Apr 15	58FR/27712
98	Message Format for Computer-Based Message System	83 Mar 01	88 Aug 24	N/A
99	Guideline: A Framework for the Evaluation and Comparison of Software Development Tools	83 Mar 31	97 Jul 29	62FR/40502
100-1	Interface Between Data Terminal Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for Operation with Packet-Switched Data Networks (PSDN), or Between two DTEs, by Dedicated Circuit (ANSI X3.100 - 1989)	91 Mar 20	98 Nov 18	63FR/64062
101	Guideline for Lifecycle Validation, Verification, and Testing of Computer Software	83 Jun 06	00 Feb 25	65FR/10050
102	Guideline for Computer Security Certification and Accreditation	83 Sept 27	05 Feb 08	70FR/6623
103	Codes for the Identification of Hydrologic Units in the United States and the Caribbean Outlying Areas	83 Nov 15	00 Feb 25	65FR/10050
104-1	ANS Codes for the Representation of Names of Countries, Dependencies, and Areas of Special Sovereignty for Information Interchange	86 May 12	97 Jul 29	62FR/40502
105	Guideline for Software Documentation Management	84 Jun 06	95 Aug 25	N/A
106	Guideline on Software Maintenance	84 Jun 15	00 Feb 25	65FR/10050
107	Local Area Networks: Baseband Carrier Sense Multiple Access with Collision Detection Access Method and Physical Layer Specifications and Link Layer Protocol (ANSI/IEEE 802.2&802.3)	84 Oct 31	96 May 29	61FR/26891

108	Alphanumeric Computer Output Microform Quality Test Slide (AIIM MS28-1983)	84 Nov 05	96 May 29	61FR/26891
109	Pascal (ANSI/IEEE 770X3.97 - 1983/R1990)	85 Jan 16	97 Jul 29	62FR/40502
110	Guideline for Choosing a Data Management Approach	84 Dec 11	97 Jul 29	62FR/40502
111	Storage Module Interfaces with Extensions for Enhanced Storage Module Interfaces (ANSI X3.91M - 1982)	90 Dec 18	93 Apr 15	58FR/27712
112	Password Usage	85 May 30	05 Feb 08	70FR/6623
113	Computer Data Authentication	85 May 30	08 Sep 02	73FR/51276
114	200 mm (8 in) Flexible Disk Cartridge Track Format Using Two-Frequency Recording at 6631 bprad on One Side-1.9 tpmm (48 tpi) for Information Interchange (ISO 5654/2-1985)	85 Sep 30	92 Mar 10	57FR/8440
115	200 mm (8 in) Flexible Disk Cartridge Track Format Using Modified Frequency Modulation Recording at 13262 bprad on Two Sides-1.9 tpmm (48 tpi) for Information Interchange (ISO 7065/2-1985)	85 Sep 30	92 Mar 10	57FR/8440
116	130 mm (5.25 in) Flexible Disk Cartridge Track Format Using Two-Frequency Recording at 3979 bprad on One Side-1.9 tpmm (48 tpi) for Information Interchange (ISO 6596/2-1985)	85 Sep 30	92 Mar 10	57FR/8440
117	130 mm (5.25 in) Flexible Disk Cartridge Track Format Using Modified Frequency Modulation Recording at 7958 bprad on Two Sides-1.9 tpmm (48 tpi) for Information Interchange (ISO 7487/3-1984)	85 Sep 30	92 Mar 10	57FR/8440
118	Flexible Disk Cartridge Labelling and ile Structure for Structure for Information Interchange (ISO 7665-1983)	85 Sep 30	92 Mar 10	57FR/8440
119-1	ADA (ANSI/ISO/IEC 8652:1995)	95 Mar 13	00 Feb 25	65FR/10050
120-1	Graphical Kernel System (GKS) (ANSI X3.124-1985(R1991), X3.124.1-1985 (R1991), X3.124.2-1988(R1994), X3.124.3-1989 and ISO/IEC 8651-4:1991)	91 Jan 08	98 Nov 18	63FR/64062
121	Videotex/Teletext Presentation Level Protocol Syntax (North American PLPS) (ANSI X3.110-1983 (R1991)CS T500-1983)	86 May 06	96 Mar 12	61FR/9976
122	Conformance Tests for FIPS PUB 100 Version of CCITT 1980 Recommendation X.25, etc.	86 May 28	93 Apr 26	N/A
123	Specification for a Data Descriptive File for Information Interchange (DDF) (ANSI/ISO 8211-1985/R1992)	86 Sep 19	97Jul 29	62FR/40502
124	Guideline on Functional Specifications for Database Management Systems	86 Sep 30	97Jul 29	62FR/40502
125-1	MUMPS (ANSI/MDC X11.1-1990)	93 Jun 10	98 Nov 18	63FR/64062
126	Database Language NDL (ANSI X3.133-1986)	87 Mar 10	97Jul 29	62FR/40502
127-2	Database Language SQL (ANSI X3.135-1992)	93 June 02	05 Feb 08	70FR/6623
128-2	Computer Graphics Metafile (CGM) (ANSI/ISO 8632.1-4:1992[1994], 8632:1992/Amd. 1:1994 & Amd. 2:1995, MIL-D-28003A+Amd.1, and ATA Spec.2100, Version 2.1)	96 Apr 17	98 Nov 18	63FR/64062
129	Optical Character Recognition (OCR)-Dot Matrix Character Sets for OCR-MA (ANSI X3.111-1986)	87 May 06	96 May 29	61FR/26891
130	Intelligent Peripheral Interface (IPI) (ANSI	90 Dec 18	93 Apr 15	58FR/27712

	X3.129-1986, X3.130-1986, X3.132-1987, and X3.147-1987)			
131	Small Computer System Interface (SCSI) (ANSI X3.131-1986)	90 Dec 18	93 Apr 15	58FR/27712
132	Guideline for Software Verification and Validation Plans (ANSI/IEEE 1012-1986)	87 Nov 19	00 Feb 25	65FR/10050
133	Coding and Modulation Requirements for 2,400 Bit/Second Modems	86 Jun 02	93 Mar 01	N/A
134-1	Coding and Modulation Requirements for 4800 Bit/Second Modems	88 Nov 04	93 Mar 01	N/A
135	Coding and Modulation Requirements for Duplex 9600 Bit/Second Modems	81 Mar --	93 Mar 01	N/A
136	Coding and Modulation Requirements for Duplex 600 and 1200 Bit/Second Modems	80 Jun 16	93 Mar 01	N/A
137	Analog to Digital Conversion of Voice by 2,400 Bit/Second Linear Predictive Coding	84 Nov 28	00 Feb 25	65FR/10050
138	Electrical Characteristics of Balanced Voltage Digital Interface Circuits	75 Sep 24	98 Nov 18	63FR/64062
139	Interoperability and Security Requirements for Use of the Data Encryption Standard in the Physical Layer of Data Communications	83 Aug 03	00 Feb 25	65FR/10050
141 (Formerly FED-STD-1028)	Telecommunications: Interoperability and Security Requirements for Use of the Data Encryption Standard with CCITT Group 3 Facsimile Equipment	85 Apr 04	00 Feb 25	65FR/10050
142	Electrical Characteristics of Unbalanced Voltage Digital Interface Circuits	80 Jan 31	98 Nov18	63FR/64062
143	General Purpose 37-Position and 9-Position Interface Between Data Terminal Equipment and Data Circuit-Terminating Equipment (EIA-RS-449)	85 Jun 10	98 Nov 18	63FR/64062
144	Data Communication Systems and Services User-Oriented Performance Parameters (ANSI X3.102-1983/R1990)	85 May 28	00 Feb 25	65FR/10050
145	Group 2 Facsimile Apparatus for Document Transmission	81 Mar --	88 Nov 4	N/A
146-2	Profiles for Open Systems Internetworking Technologies (POSIT)	95 May 15	98 Nov 18	63FR/64062
147	Group 3 Facsimile Apparatus for Document Transmission	81 Aug 19	97 Jul 29	62FR/40502
148	Procedures for Document Facsimile Transmission (EIA-RS-466)	82 Apr 14	98 Nov 18	63FR/64062
149	General Aspects of Group 4 Facsimile Apparatus (ANSI/EIA-536-1988)	88 Nov 04	96 May 29	61FR/26891
150	Facsimile Coding Schemes and Coding Control Functions for Group 4 Facsimile Apparatus (EIA-538-1988)	88 Nov 04	00 Feb 25	65FR/10050
151-2	Portable Operating System Interface (POSIX) System Application Program Interface [C Language] (ISO/IEC 9945-1:1990)	93 May 12	00 Feb 25	65FR/10050
152	Standard Generalized Markup Language (SGML) (ISO 8879-1986)	88 Sep 26	97 Jul 29	62FR/40502
153-1	Programmer's Hierarchical Interactive Graphics System (PHIGS) (ANSI/ISO 9592.1,2,3:1989, 9592.1A,2A,3A,4:1992, 9593.1-1990, 9593.3-1990, 9593.4:1991, and 9593.1/AM1, 3/AM1, 4/AM1:1991)	95 Jan 27	98 Nov 18	63FR/64062
154	High Speed 25-Position Interface for Data Terminal Equipment and Data Circuit-Terminating Equipment (EIA-530-1987)	88 Nov 04	98 Nov 18	63FR/64062
155	Data Communication Systems and Services User-Oriented Performance Measurement Methods (ANSI X3.141-1987)	88 Nov 04	00 Feb 25	65FR/10050

156	Information Resource Dictionary System (IRDS) (ANSI X3.138-1988 X3.138A-1991)	89 Apr 05	97 Jul 29	62FR/40502
157	Guideline for Quality Control of Image Scanners (ANSI/AIIM MS44-1988)	89 Sep 13	97 Jul 29	62FR/40502
158-1	The User Interface Component of the Applications Portability Profile (MIT X Version 11, Release 5)	93 Oct 8	97 Jul 29	62FR/40502
159	Detail Specification for 62.5-um Core Diameter/125-um Cladding Diameter Class 1A Multimode, Graded-index Optical Waveguide Fibers		05 Feb 08	70FR/6623
160	C (ANSI/ISO 9899:1992)	91 Mar 13	00 Feb 25	65FR/10050
161-2	Electronic Data Interchange (EDI)	96 May 22	08 Sep 02	73FR/51276
162	1,200 Bits Per Second Two-Wire Duplex Modems for Data Communications Use on Telephone-Type Circuits	92 Apr 02	00 Feb 25	65FR/10050
163	2,400 Bits Per Second Two-Wire Duplex Modems for Data Communications Use on Telephone-Type Circuits	92 Apr 02	00 Feb 25	65FR/10050
164	2,400 Bits Per Second Four-Wire Duplex and Two-Wire Half-Duplex Modems for Data Communications Use on Telephone-Type Circuits	92 Apr 02	00 Feb 25	65FR/10050
165	4,800 Bits Per Second Four-Wire Duplex and Two-Wire Half-Duplex Modems for Data Communications Use on Telephone-Type Circuits	92 Apr 02	00 Feb 25	65FR/10050
166	4,800 and 9,600 Bits Per Second Two-Wire Duplex Modems for Data Communications Use on Telephone-Type Circuits	92 Apr 02	00 Feb 25	65FR/10050
167	9,600 Bits Per Second Four-Wire Duplex Modems for Data Communications Use on Telephone-Type Circuits	92 Apr 02	00 Feb 25	65FR/10050
168	12,000 and 14,400 Bits Per Second Four-Wire Duplex Modems for Data Communications Use on Telephone-Type Circuits	92 Apr 02	00 Feb 25	65FR/10050
169	Error Correction in Modems Employing Asynchronous-To-Synchronous Conversion	92 Apr 02	00 Feb 25	65FR/10050
170	Data Compression in Modems Employing CCITT Recommendation V.42 Error Correction	92 Apr 02	00 Feb 25	65FR/10050
171	Key Management Using ANSI X9.17 (ANSI X9.17-1985)	92 Apr 27	05 Feb 08	70FR/6623
172-1	VHSIC Hardware Description Language (VHDL)(ANSI/IEEE 1076-1993)	95 Jan 27	00 Feb 25	65FR/10050
173-1	Spatial Data Transfer Standard (SDTS) (DOI/USGS Specs.)	94 June 10	05 Feb 08	70FR/6623
	Additional information on the content of this FIPS may be obtained from the U.S. Geological Survey at (703) 648-4544.			
174	Federal Building Telecommunications Wiring Standard (ANSI/EIA/TIA-568-1991)	92 Aug 21	97 Jul 29	62FR/40502
175	Federal Building Standard for Telecommunications Pathways and Spaces (ANSI/EIA/TIA-569-1990)	92 Aug 21	00 Feb 25	65FR/10050
176	Residential and Light Commercial Telecommunications Wiring Standard (ANSI/EIA/TIA-570-1991)	92 Aug 21	00 Feb 25	65FR/10050
177-1	Initial Graphics Exchange Specification (IGES)(ANSI/US PRO-100-1993, Version 5.2, LEP Application Protocol, IP-110-1994, and Engr. Dwg (Class II) Subset (MIL-D-28000A), Dec. 1992 Version))	96 Apr 23	98 Nov 18	63FR/64062

	Version))			
178	Video Teleconferencing Services at 56 to 1,920 kb/s (ITU-T Recommendations H.221; 230; 242; 261; 320-1993)	92 Dec 21	98 Nov 18	63FR/64062
179-1	Government Network Management Profile (GNMP)	95 May 15	98 Nov 18	63FR/64062
182	Integrated Services Digital Network (ISDN)	93 Oct 05	00 Feb 25	65FR/10050
183	Integration Definition for Function Modeling (IDEF0)	93 Dec 21	08 Sep 02	73FR/51276
184	Integration Definition for Information Modeling (IDEFIX)	93 Dec 21	08 Sep 02	73FR/51276
187	Administration Standard for the Telecommunications Infrastructure of Federal Buildings (ANSI/TIA/EIA-606-1993)	94 Aug 11	00 Feb 25	65FR/10050
189	Portable Operating System Interface (POSIX) Part 2: Shell and Utilities (ISO/IEC 9945-2:1993)	94 Oct 11	00 Feb 25	65FR/10050
192	Application Profile for the Government Information Locator Service (GILS)	94 Dec 07	08 Sep 02	73FR/51276
192-1 (a)& (b)	Application Profile for the Government Information Locator Service (GILS)	97 Aug 01	08 Sep 02	73FR/51276
193	SQL Environments	95 Feb 03	00 Feb 25	65FR/10050
194	Open Document Architecture (ODA) Raster Document Application Profile (DAP)(ISO/IEC 12064-1 ISP/FOD112)	95 Mar 13	00 Feb 25	65FR/10050
195	Federal Building Grounding and Bonding Requirements for Telecommunications (ANSI/TIA/EIA-607-1994)	95 Aug 15	00 Feb 25	65FR/10050

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