Wetlands Planning, Protection, and Restoration Act.

**Donald W. Gohmert,**

*State Conservationist.*

[FR Doc. 95–6047 Filed 3–10–95; 8:45 am]

**BILLING CODE 3410–16–M**

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## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

[Docket No. 950120021–5021–01]

RIN 0693–AB12

### Approval of Federal Information Processing Standards Publication 194, Open Document Architecture (ODA) Raster Document Application Profile (DAP)

**AGENCY:** National Institute of Standards and Technology (NIST), Commerce.

**ACTION:** Notice.

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**SUMMARY:** The purpose of this notice is to announce that the Secretary of Commerce has approved a new standard, which will be published as FIPS Publication 194, Open Document Architecture (ODA) Raster Document Application Profile (DAP).

On January 28, 1994, notice was published in the **Federal Register** (59 FR 4032) that a Federal Information Processing Standard (FIPS) for Open Document Architecture Raster Document Application Profile was being proposed for Federal use.

NIST reviewed written comments submitted by interested parties and other available material. On the basis of this review, NIST recommended that the Secretary approve the standard as a Federal Information Processing Standard (FIPS), and prepared a detailed justification document for the Secretary's review in support of that recommendation.

The detailed justification document which was presented to the Secretary, and which includes an analysis of the written comments received, is part of the public record and is available for inspection and copying in the Department's Central Reference and Records Inspection Facility, Room 6020, Herbert C. Hoover Building, 14th Street between Pennsylvania and Constitution Avenues, NW., Washington, DC 20230.

This FIPS contains two sections: (1) An announcement section, which provides information concerning the applicability, implementation, and maintenance of the standard; and (2) a specifications section, which deals with the technical requirements of the standard. Only the announcement section of the standard is provided in this notice.

**EFFECTIVE DATE:** This standard become effective September 1, 1995.

**ADDRESSES:** Interested parties may purchase copies of this standard, including the technical specifications section, from the National Technical Information Service (NTIS). Specific ordering information from NTIS for this standard is set out in the Where to Obtain Copies Section of the announcement section of the standard.

**FOR FURTHER INFORMATION CONTACT:** Mr. Frankie Spielman, (301) 975–3257, Computer Systems Laboratory, National Institute of Standards and Technology, Gaithersburg, MD 20899.

**EXECUTIVE ORDER 12866:** This FIPS notice has been determined to be ''not significant'' for purposes of E.O. 12866.

Dated: March 7, 1995.

**Samuel Kramer,**

*Associate Director.*

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## Federal Information Processing Standards Publication 194

(Date)

*Announcing the Standard for Open Document Architecture (ODA) Raster Document Application Profile (DAP)*

Federal Information Processing Standards Publications (FIPS PUBS) are issued by the National Institute of Standards and Technology after approval by the Secretary of Commerce pursuant to Section 111(d) of the Federal Property and Administrative Services Act of 1949 as amended by the Computer Security Act of 1987, Public Law 100–235.

1. Name of Standard. Open Document Architecture (ODA) Raster Document Application Profile (DAP), (FIPS PUB 194).

2. Category of Standard. Software Standard, Graphics.

3. Explanation. This Federal Information Processing Standard adopts the International Organization for Standardization (ISO)/International Electrotechnical Commission (IEC) 12064–1 International Standard Profile (ISP) FOD112, Open Document Format: Image Applications—Simple Document Structure—Raster Graphics content architecture, Part 1: Document Application Profile (DAP). This FIPS PUB defines three levels of conformance, the complete specification is in section 10.

ISO/IEC 12064–1 specifies the use of a subset of the ODA standard and, in this FIPS PUB, is referred to as the ODA Raster DAP. The ODA standard is defined in a joint ISO/IEC and International Telecommunications Union Telecommunication Standardization Sector (ITU–T) document ISO/IEC 8613–ITU–T Recommendation T.410 Series, Open Document Architecture (ODA) and Interchange Format.

The ODA standard supports the interchange of compound documents containing up to three types of contents: character (text), raster graphics, and geometric graphics. Developed by international standards organizations, the ODA standard specifies rules for describing the logical and layout structures of documents as well as rules for specifying character, raster graphics, and geometric graphics content of documents, thus providing for the interchange of complex documents. The ODA standard was developed primarily by the ISO/IEC Joint Technical Committee (JTC1) and ITU–T, formerly the Consultative Committee on International and Telegraph (CCITT).

A DAP is a functional subset of the ODA standard and facilitates the interchange of documents among different document systems by specifying the constraints on document structure and content according to the rules of the ODA Standard. The ODA Raster DAP specifies an interchange format suitable for the transfer of formatted structured documents between systems designed for raster graphics applications. The documents supported by this standard are based on a paradigm of an electronic engineering drawing, illustration, or other electronic image. Within an ODA document, only raster graphics content is allowed and supported by this FIPS.

The ODA Raster DAP was initially developed by an ad-hoc Continuous Acquisition and Life-Cycle Support (CALS) Tiling Task Group. CALS, formerly known as the Computer-aided Acquisition and Logistic Support, is a Department of Defense (DoD) initiative. The ODA Raster DAP was further developed by vendors and users of computer networks/systems participating in the Open Systems Environment Implementors' Workshop (OIW), and finally harmonized with the International organizations participating in the Profile Alignment Group for ODA (PAGODA). Finally, it was submitted to ISO/IEC JTC1/Special Group on Functional Standards (SGFS) for processing as part 1 of the ISP.

4. Approving Authority. Secretary of Commerce.

5. Maintenance Agency. U.S. Department of Commerce, National Institute of Standards and Technology (Computer Systems Laboratory).

6. Cross Index.

a. ISO/IEC 8613:1994—ITU–T 410 Recommendation Series (1993), Information Processing—Text and Office Systems Open Document Architecture (ODA) and Interchange Format Standard.

b. NIST Special Publication 500–224, Stable Implementation Agreements for Open Systems Interconnection Protocols, Version 8, Edition 1, December 1994.

C. ANSI/AIIM MS53–1993, Standard Recommended Practice—File Format for Storage and Exchange of Images—Bi-Level Image File Format.

7. Related Documents. Related ISO and ITU documents are listed in the normative reference section of the ODA Raster DAP. Other related documents are:

a. FIPS PUB 149, Telecommunications: Facsimile Coding Schemes and Coding Control Functions for Group 3 Facsimile Apparatus.

b. FIPS PUB 150, Telecommunications: Facsimile Coding Schemes and Coding Control Functions for Group 4 Facsimile Apparatus.

c. NISTIR 5108, Raster Graphics: A Tutorial and Implementation Guide.

8. Objectives. The FIPS for ODA Raster DAP permits Federal departments and agencies to exercise more effective control over the production, management, and use of Government's raster graphics applications. The primary objectives of this standard are:

—To promote interchange of structured documents containing raster graphics images between image processing systems of different manufacturers,

—To facilitate the use of advanced technology by the Federal Government,

—To contribute to the economic and efficient use of image and document processing system resources, and

—To avoid the proliferation of vendor-unique solutions.

9. Applicability. The ODA Roster DAP is available for use by Federal Government agencies when acquiring and developing ODA raster graphics applications. This FIPS applies to systems processing, generating, and receiving raster graphics images utilizing the ODA standard in a structured document environment. It specifies the structure and parameters for describing and interchanging bi-level untiled compressed images as well as tiled raster images. Each system acquired or developed by Federal agencies to support the ODA Raster DAP shall include appropriate system-to-DAP and DAP-to-system translators, such that incoming data streams are

interpreted correctly and that outgoing data streams are generated correctly. These translators may be acquired separately from the acquisition of the application system when it is in the best interest of the Federal agency to do so. Use of the standard is independent of the communications used to transfer documents produced by these applications; that is, this standard may be used within the existing framework of communication protocols. There are three levels of applicability defined to satisfy different implementation requirements.

10. Specifications. This FIPS adopts the provisions of ISO/IEC 12064–1 by defining three levels of implementation support. All levels must conform to the document and raster layout specifications of [ITU–T Rec. T.410 series—ISO/IEC 8613] and ISO/IEC ISP 12064–1 that are essential for raster graphics applications. The specifications for ODA data streams are also defined in [ITU–T Rec. T.410 series—ISO/IEC 8613] and ISO/IEC ISP 12064–1 and apply to all levels defined in this FIPS. The levels are: ANSI/AIIM MS–53 (Untiled), Intermediated ODA Raster DAP, and Full ODA Raster DAP.

10.1. ANSI/AIIM MS–53 (Untiled). This level of implementation supports ANSI/AIIM MS–53–1993, Standard Recommended Practice—File Format for Storage and Exchange of Images—Bi-Level Image File Format: Part 1. Files written in conformance with any of the pre-defined file formats described in the ANSI/AIIM MS–53 standard can be imported into an ODA implementation. Each of six file formats can be implemented without either technical knowledge or understanding of the ODA format. This implementation does not support tiled raster images but does support both ITU–T Recommendation T.6 (Group 4) and ITU–T Recommendation T.4 (Group 3) compression algorithms.

10.2. Intermediate ODA Raster DAP. This level of implementation supports raster graphics images in either the untiled or tiled format. The following restrictions apply to this level of implementation.

a. The ITU–T Recommendation T.4 (Group 3) one-dimensional and two-dimensional compression algorithms are not supported.

b. If the image is tiled, the tile size must be restricted to 512 X 512 pels.

c. The uncompressed escape option defined in FIPS PUB 150 (ITU–T Recommendation T.6) will not be used.

d. The bit ordering will be restricted to only the most significant bit (MSB) to least significant bit (LSB), the ''down'' bit order.

e. Only the ''Document-reference'' attribute within the Document Profile Document Management attributes is supported.

10.3. Full ODA Raster DAP. This level of implementation supports raster graphics images in either the untiled or tiled format. It fully supports all aspects of the ODA Raster DAP.

10.4. Miscellaneous requirements. A bitmap image or tile represents the ''information'' in a document by one bits and the ''background'' by zero bits. This FIPS requires that the encoding programs exporting document images for interchange must produce the image with a pel line dimension which is a multiple of eight pels.

10.5. Conformance requirements. All implementations, regardless of implementation level, claiming conformance to this FIPS must adhere to the specific requirements defined in the ''Conformance'' clause of the ODA Raster DAP and to the general rules below.

Conformance Rules for Data Streams. A conforming data stream shall be syntactically, semantically, and structurally correct as defined in this standard.

Conformance Rules for Generators. A generator which claims conformance to this standard shall create only conforming data streams which correctly represent the raster graphics image which was input to the generator.

Conformance Rules for Receivers. A receiver which claims conformance to this standard shall be capable of reading and correctly processing any conforming data stream without halting or aborting such that it produces the correct results.

11. Implementation. The implementation of this standard involves three areas of consideration: acquisition of raster graphics implementations, interpretations of the standard, and validation of ODA Raster DAP implementations.

11.1. Acquisition of Raster Graphics Applications. This standard becomes effective September 1, 1995. For a period of twelve (12) months after the effective date, agencies are permitted to acquire alternative software that provides equivalent functionality to the ODA Raster DAP. Agencies are encouraged to use this standard for solicitation proposals for new raster processing systems to be acquired after the effective date. This standard is mandatory for use in all solicitation proposals for new ODA raster application products acquired twelve (12) months after the effective date.

11.2. Interpretation of the Standard. NIST provides for the resolution of

questions regarding FIPS for ODA Raster DAP specifications and requirements, and issues official interpretations as needed. Procedures for interpretations are specified in FIPS PUB 29–3. All questions about the interpretation of FIPS for ODA Raster DAP should be addressed to: Computer Systems Laboratory, Attn: Raster Graphics Interpretation, National Institute of Standards and Technology, Gaithersburg, MD 20899.

11.3. Validation of ODA Raster DAP Implementations. Implementations of FIPS ODA Raster DAP shall be validated in accordance with NIST Computer Systems Laboratory (CSL) validation procedures for FIPS ODA Raster DAP. The goal of the NIST ODA Raster DAP Validation Test Service is to maximize the probability of successful interchange between conforming systems.

Validation testing provides a way of determining the degree to which an implementation conforms to a standard. The testing of ODA Raster DAP implementations to determine the degree to which they conform to the standard may be required by Government agencies in accordance with Federal Information Resources Management Regulation (FIRMR) 201–20.303, 201–20.304, 201–39.1002, and the associated Federal ADP and Telecommunications Standard Index.

The agency is advised to refer to the NIST publication Validated Products List for information about the validation status of products.

Information concerning the NIST Raster Graphics Validation Test Service and validation procedures can be obtained by contacting the: National Institute of Standards and Technology, Computer Systems Laboratory, ATTN: Raster Graphics Test Service, Building 225, Room A266, Gaithersburg, MD 20899, (301) 975–3257.

12. Waivers. Under certain exceptional circumstances, the heads of Federal departments and agencies may approve waivers to FIPS. The head of such agency may redelegate such authority only to a senior official designated pursuant to section 3506(b) of Title 44, U.S. Code. Waivers shall be granted only when:

a. Compliance with a standard would adversely affect the accomplishment of the mission of an operator of a Federal computer system, or

b. Cause a major adverse financial impact on the operator which is not offset by governmentwide savings.

Agency heads may act upon a written waiver request containing the information detailed above. Agency heads may also act without a written waiver request when they determine

that conditions for meeting the standard cannot be met. Agency heads may approve waivers only by a written decision which explains the basis on which the agency head made the required finding(s). A copy of each such decision, with procurement-sensitive or classified portions clearly identified, shall be sent to: National Institute of Standards and Technology; Attn: FIPS Waiver Decisions, Technology Building, Room B–154; Gaithersburg, MD 20899.

In addition, notice of each waiver granted and each delegation of authority to approve waivers shall be sent promptly to the Committee on Government Operations of the House of Representatives and the Committee on Governmental Affairs of the Senate and shall be published in the **Federal Register**.

When the determination on a waiver applies to the procurement of equipment and/or services, a notice of the waiver determination must be published in the Commerce Business Daily as a part of the notice of solicitation for offers of an acquisition or, if the waiver determination is made after that notice is published, by amendment to such notice.

A copy of the waiver, any supporting documents, the document approving the waiver and any supporting and accompanying documents, with such deletions as the agency is authorized and decides to make under 5 U.S.C. Sec. 552(b), shall be part of the procurement documentation and retained by the agency.

13. Where to Obtain Copies. Copies of this publication are for sale by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161. When ordering, refer to Federal Information Processing Standards Publication 194 (FIPSPUB194), and title. Specify microfiche, if desired. Payment may be made by check, money order, or NTIS deposit account.

[FR Doc. 95–6100 Filed 3–10–95; 8:45 am]
**BILLING CODE 3510–CN–M**

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[Docket No. 950120022–5022–01]

RIN 0693–AB25

## Federal Information Processing Standards Publication 119–1, Ada

**AGENCY:** National Institute of Standards and Technology (NIST), Commerce.

**ACTION:** The purpose of this notice is to announce that the Secretary of Commerce has approved a revised standard, which will be published as FIPS Publication 119–1, Ada. This

revised standard adopts the American National Standard and the International Organization for Standardization Reference Manual for the Ada Programming Language, ANSI/ISO/IEC 8652:1995, which specifies the form and meaning of programs written in Ada.

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**SUMMARY:** On July 11, 1994 (59 FR 35315–35317), notice was published in the **Federal Register** that a revision to Federal Information Processing Standard 119, Ada was being proposed for Federal use.

The written comments submitted by interested parties and other material available to the Department relevant to the revised standard was reviewed by NIST. On the basis of this review, NIST recommended that the Secretary approve the revised standard as a Federal Information Processing Standards Publication, and prepared a detailed justification document for the Secretary's review in support of that recommendation.

The detailed justification document which was presented to the Secretary is part of the public record and is available for inspection and copying in the Department's Central Reference and Records Inspection Facility, Room 6020, Herbert C. Hoover Building, 14th Street between Pennsylvania and Constitution Avenues NW., Washington, DC 20230.

The FIPS contains two sections: (1) An announcement section, which provides information concerning the applicability, implementation, and maintenance of the standard; and (2) a specifications section which deals with the technical requirements of the standard. Only the announcement section of the standard is provided in this notice.

**EFFECTIVE DATE:** This revised standard becomes effective July 10, 1995.

**ADDRESSES:** Interested parties may purchase copies of this revised standard, including the technical specifications section, from the National Technical Information Service (NTIS). Specific ordering information from NTIS for this standard is set out in the Where to Obtain Copies Section of the announcement section of the standard.

**FOR FURTHER INFORMATION CONTACT:** Dr. William H. Dashiell, telephone (301) 975–2490, National Institute of Standards and Technology, Gaithersburg, MD 20899.

**EXECUTIVE ORDER 12866:** This FIPS notice has been determined to be ''not significant'' for purposes of E.O. 12866.