

notice is in accordance with 19 CFR 353.25(d)(4)(i).

Dated: January 30, 1995.

Holly A. Kuga,

Acting Deputy Assistant Secretary for Compliance.

[FR Doc. 95-2719 Filed 2-2-95; 8:45 am]

BILLING CODE 3510-DS-P

Minority Business Development Agency

Native American Business Development Center Applications: Minnesota

AGENCY: Minority Business Development Agency.

ACTION: Amendment.

SUMMARY: This notice amends the advertisement as it appeared in the Wednesday, January 25, 1995 issue, announcing MBDA's competitive applications for its Native American Business Development Center.

DATES: The closing date for applications is March 1, 1995. Applications must be received on or before March 1, 1995.

FOR FURTHER INFORMATION CONTACT: David Vega at (312) 353-0182.

11.801 Native American Program
(Catalog of Federal Domestic Assistance)
Dated: January 30, 1995.

Donald L. Powers,

Federal Register Liaison Officer, Minority Business Development Agency.

[FR Doc. 95-2721 Filed 2-2-95; 8:45 am]

BILLING CODE 3510-21-P

National Institute of Standards and Technology

[Docket No. 940550-4335]

RIN 0693-AB28

Approval of Federal Information Processing Standards Publication 193, SQL Environments

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

ACTION: Notice.

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 193, SQL Environments. On June 22, 1994 (59 FR 32186-32188) notice was published in the **Federal Register** that a Federal Information Processing Standard for SQL Environments 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 is effective February 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. Leonard Gallagher, (301) 975-3251, Computer Systems Laboratory, National Institute of Standards and Technology, Gaithersburg, MD 20899.

Dated: January 30, 1995.

Samuel Kramer,
Associate Director.

Federal Information Processing Standards Publication 193

(Date)

Announcing the Standard for SQL Environments

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. SQL Environments (FIPS PUB 193).

2. Category of Standard. Software Standard, Database.

3. Explanation. An SQL environment is an integrated data processing environment in which heterogeneous products, all supporting some aspect of the FIPS SQL standard (FIPS PUB 127), are able to communicate with one another and provide shared access to data and data operations and methods under appropriate security, integrity, and access control mechanisms. Some components in an SQL environment will be full-function SQL implementations that conform to an entire level of FIPS SQL and support all of its required clauses of schema definition, data manipulation, transaction management, integrity constraints, access control, and schema information. Other components in an SQL environment may be specialized data repositories, legacy databases, or graphical user interfaces and report writers, all of which support selected portions of the SQL standard and thereby provide a degree of integration between themselves and other products in the same SQL environment.

This FIPS PUB is the beginning of a continuing effort to define appropriate conformance profiles that can be used by both vendors and users to specify and users to specify exact requirements for how various products fit into an SQL environment. The emphasis in this first FIPS for SQL Environments is to specify general purpose, SQL external repository interface (SQL/ERL) profiles for non-SQL data repositories. These profiles specify how a subset of the SQL standard can be used to provide limited SQL access to legacy databases, or to support SQL gateways to specialized data managers such as Geographic Information Systems (GIS), full-text document management systems, or object database management systems. All of the profiles specified herein are for server-side products, that is, products that control persistent data and provide an interface for user access to that data. Subsequent versions of this FIPS PUB may specify SQL environment profiles for client-side products, that is, products that access data and then present that data in graphical or report-writer style to an end user, or process the data in some other way on behalf of the end user.

4. Approving Authority. Secretary of Commerce.

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

6. Cross Index.

—Federal Information Resources Management Regulations (FIRMR)

subpart 201.20.303, Standards, and subpart 201.39.1002, Federal Standards, April 1992.

- FIPS PUB 127-2, Federal Information Processing Standards Publication—Database Language SQL, adoption of ANSI SQL (ANSI X3.135-1992) and ISO SQL (ISO/IEC 9075:1992) for Federal use, U.S. Department of Commerce, National Institute of Standards and Technology, June 2, 1993.
- ANSI/ISO/IEC 9579, International Standard for Remote Database Access (RDA), Part 1: Generic RDA and Part 2: SQL Specialization, ISO/IEC 9579-1:1993 and ISO/IEC 9579-2:1993, published December, 1993.
- ANSI/ISO/IEC DIS 9075-3, (Draft) International Standard for Database Language SQL, Part 3: Call Level Interface (SQL/CLI), JTC1 Draft International Standard (DIS), document SC21 N9117, 13 October 1994.
- ANSI/ISO/IEC CD 9075-4, (Draft) International Standard for Database Language SQL, Part 4: Persistent Stored Modules (SQL/PSM), JTC1, Committee Draft (CD), CD Ballot document SC21 N8897, August 1994.

7. Related Documents. SQL Environment specifications depend upon existing standards and stable specifications (see Cross Index above) and upon emerging SQL and SQL Multimedia standards. The following items identify formal ISO/IEC international standards projects for which preliminary specifications and base documents exist, but where the development effort has not yet reached a complete and stable stage (i.e., the Committee Draft (CD) stage). As these specifications mature and move through the standards process, they can be referenced more reliably in procurement requirements.

(Working Draft) Database Language SQL (SQL3)

Part 1: Framework

Part 2: Foundation—including Abstract Data Types and Object SQL

Part 3: Call Level Interface—extensions to ISO/IEC CD 9075-3 identified above

Part 4: Persistent Stored Modules—extensions to ISO/IEC CD 9075-4 identified above

Part 5: Language Bindings—extensions to the binding clauses of ISO/IEC 9075:1992

Part 6: Encompassing Transactions—to support X/Open XA-interface

(Working Draft) SQL Multimedia (SQL/MM)

Part 1: Framework

Part 2: Full Text

Part 3: Spatial

Part 4: General Purpose Facilities

Other Parts: Reserved for other SQL/MM sub-projects with no current base document (e.g., images, photographs, motion pictures, sound, music, video, etc.)

For information on the current status of the above Working Drafts, contact NIST personnel working on SQL Standardization at 301-975-3251. For document references to the above and for additional related documents, see the References section of the SQL/ERI Server Profiles specification (attached).

8. Objective. The primary objective of this FIPS PUB for SQL Environments is to specify SQL profiles that can be used by Federal departments and agencies to support integration of legacy databases and other non-SQL data repositories into an SQL environment. The intent is to provide a high level of control over a diverse collection of legacy or specialized data resources. An SQL environment allows an organization to obtain many of the advantages of SQL without requiring a large, complex, and error-prone conversion effort; instead, the organization can evolve, in a controlled manner to a new integrated environment.

9. Applicability. This standard is applicable in any situation where it is desirable to integrate a client-side productivity tool or a server-side data repository into an SQL environment. It is a non-mandatory standard that may be invoked on a case-by-case basis subject to the integration objectives of the procuring department of agency. It is particularly suitable for specifying limited SQL interfaces to legacy databases or to specialized data repositories not under the control of a full-function SQL database management system. It can be used along with other procurement information to specify SQL interface requirements for a wide range of data management procurements.

One special area of application envisioned for this standard is Electronic Commerce, a National Challenge Application area of the National Information Infrastructure. The primary objective of Electronic Commerce is to integrate communications, data management, and security services in a distributed processing environment, thereby allowing business applications within different organizations to interoperate and exchange information without human intervention. At the data management level, electronic commerce requires a logically integrated database of diverse data stored in geographically

separated data banks under the management and control of heterogeneous database management systems. An over-riding requirement is that these diverse data managers be able to communicate with one another and provide shared access to data and data operations and methods under appropriate security, integrity, and access control mechanisms. FIPS SQL provides a powerful database language for data definition, data manipulation, and integrity management to satisfy many of these requirements. It is unrealistic to expect that every data manager involved in electronic commerce will conform to even the Entry SQL level of the FIPS SQL standard; however, it is not unrealistic to require that they support a limited SQL interface, even a read-only interface, provided by one of the SQL/ERI Server profiles specified herein. New procurements to add components to the National Information Infrastructure, or to upgrade existing components, can define the necessary SQL schemas and point to appropriate SQL/ERI Server profiles as procurement requirements.

This standard may also be applicable, on a case-by-case basis, in many of the following areas:

- Legacy databases
- Full-Text document databases
- Geographic Information Systems
- Bibliographic information retrieval
- Object database interfaces
- Federal data distribution
- Operating system file interface
- Open system directory interface
- Electronic mail repositories
- CASE tool repositories
- XBase repositories
- C++ sequence class repositories
- Object Request Broker interface repository
- Real-time database interface
- Internet file repositories

Further detail on each of these potential application areas can be found in Section 8, "Applicability", of the FIPS specification for SQL Environments.

10. Specifications. See the Specifications for SQL Environments—SQL External Repository Interface (SQL/ERI)—Server Profiles (attached).

11. Implementation. Implementation of this standard involves four areas of consideration: the effective date, acquisition of conforming implementations, interpretation, and validation.

11.1 Effective date. This publication is effective beginning February 1, 1995. Since it is a non-mandatory specification, based on the established

FIPS SQL standard, and used at the discretion of individual Federal procurements, no transitional period or delayed effective date is necessary.

11.2 Acquisition. All conforming implementations of a specific SQL/ERI profile will support some aspects of the FIPS SQL standard. However, such implementations will not normally be full function database management systems and conformance will often be dependent upon SQL schema definitions and other requirements provided as part of each individual procurement. In most cases, a procurement will not be able to simply point to an SQL/ERI profile and demand conformance to it. Instead, successful procurements will normally use an appropriate SQL/ERI profile, together with an application-specific schema definition, as one aspect of overall procurement requirements. In many cases, vendors of products that provide a limited SQL interface will define their interfaces in terms of a fixed SQL schema definition. In those cases, procurements can point to the vendor-provided schema definition and to an appropriate SQL/ERI profile as a procurement requirement. In some cases, especially in those situations where schema definitions and requirements are not known in advance, a request for a proposal (RFP) may require that an SQL schema, and adherence to one of the SQL/ERI Server profiles, be presented as part of the response proposal.

11.3 Interpretation. NIST provides for the resolution of questions regarding specifications and requirements of the FIPS for SQL Environments, and issues official interpretations as needed. Procedures for interpretations are specified in FIPS PUB 29-3. All questions about the interpretation of FIPS SQL Environments should be addressed to: Director, Computer Systems Laboratory, Attn: SQL Environments, National Institute of Standards and Technology, Gaithersburg, MD 20899, Telephone: (301) 975-2833.

11.4 Validation. Implementations of the FIPS for SQL Environments may be validated in accordance with NIST Computer Systems Laboratory (CSL) validation procedures for FIPS SQL (FIPS PUB 127). Recommended procurement terminology for validation of FIPS SQL is contained in the U.S. General Services Administration publication *Federal ADP & Telecommunications Standards Index*, Chapter 4 Part 2. This GSA publication provides terminology for three validation options: Delayed Validation, Prior Validation Testing, and Prior

Validation. The agency may select the appropriate validation option and may specify appropriate time frames for validation and correction of nonconformities.

Implementations may be evaluated using the NIST SQL Test Suite, a suite of automated validation tests for SQL implementations. Although this test suite was designed to test conformance of full-function SQL database management systems, it can be modified to accommodate testing of SQL/ERI Server implementations. The results of validation testing by the SQL Testing Service are published on a quarterly basis in the *Validated Products List*, available from the National Technical Information Service (NTIS).

Current information about the NIST SQL Validation Service and the status of validation testing for SQL Environments is available from: National Institute of Standards and Technology, Computer Systems Laboratory, Software Standards Validation Group, Building 225, Room A266, Gaithersburg, Maryland 20899, (301) 975-2490.

12. 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, telephone 703-487-4650. When ordering, refer to Federal Information Processing Standards Publication 193 (FIPSPUB193), SQL Environments. Payment may be made by check, money order, or deposit account

[FR Doc. 95-2688 Filed 2-2-95; 8:45 am]

BILLING CODE 3510-CN-M

Workshop on National Voluntary Conformity Assessment Systems Evaluation (NVCASE) Program

AGENCY: National Institute of Standards and Technology, Commerce.

ACTION: Meeting notice.

SUMMARY: This is to advise the public that the National Institute of Standards and Technology (NIST) will conduct a workshop to brief interested parties on the NVCASE program and to review documents that will be used as the generic basis for requirements of the operational program. The workshop will be in two parts:

(1) A briefing on the purpose and operation of the NVCASE program: the presentation will proceed step-by-step through the procedures set forth in the April 22, 1994 **Federal Register** Notice (15 CFR part 286); and

(2) A review of present and proposed international documents that will be

used as the generic basis for program requirements.

The public is encouraged to call to NIST's attention documents useful for this purpose.

DATES: The workshop will be held Thursday, March 9, 1995, from 10:00 a.m. to 6:00 p.m. Registration will start at 9:30 am.

ADDRESSES: The workshop will be held in the Green Auditorium at the National Institute of Standards and Technology, Gaithersburg, Maryland.

FOR FURTHER INFORMATION CONTACT: (1) For administrative and logistic information, contact Ms. Marilyn Stream, National Institute of Standards and Technology, Building 417, Room 107, Gaithersburg, Maryland 20899; Phone: (301) 975-4029. Fax: (301) 963-2871. (2) For information concerning the NVCASE program contact Mr. Robert Gladhill, Program Manager, National Institute of Standards and Technology, Building 417, Room 107, Gaithersburg, Maryland 20899; Phone: (301) 975-4273. Fax: (301) 963-2871. (3) For information on how to obtain copies of the documents, contact the American National Standards Institute (ANSI), 11 West 42nd Street, 13th Floor, New York, New York 10036, USA; Phone: (212) 642-4900. Fax: (212) 398-0023.

SUPPLEMENTARY INFORMATION: The National Institute of Standards and Technology (NIST) offers a voluntary program on a fee-for-service basis to evaluate the competence of conformity assessment activities.

The National Voluntary Conformity Assessment Systems Evaluation (NVCASE) Program may be applied to activities related to laboratory testing, product certification, and quality system registration. NVCASE evaluates and provides official recognition to qualifying bodies in the United States that effectively demonstrate that they satisfy established criteria and applicable regulatory requirements of other countries.

NVCASE recognition (1) provides other governments with a basis for having confidence that qualifying U.S. conformity assessment bodies are competent, and (2) promotes the acceptance of U.S. products in regulated foreign markets based on U.S. conformity assessment results.

NVCASE offers evaluation services to support U.S. trade in regulated foreign markets, but not for domestic applications. NVCASE does not unilaterally establish program areas. All requests to establish evaluation services in a specific product sector are first published for public advice and comment. If another U.S. Government